zowe

Welcome to Zowe CLI!

Zowe CLI is a command line interface (CLI) that provides a simple and streamlined way to interact with IBM z/OS.

For additional Zowe CLI documentation, visit https://docs.zowe.org

For Zowe CLI support, visit https://www.zowe.org

Global Options

- `--response-format-json` | `--rfj` *(boolean)*

  - Produce JSON formatted data from a command

- `--help` | `-h` *(boolean)*

  - Display help text

- `--help-examples` *(boolean)*

  - Not available for top tier Zowe group

- `--help-web` | `--hw` *(boolean)*

  - Display HTML help in browser

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zowe › auth

Connect to Zowe API Mediation Layer authentication service and obtain a token, or disconnect from the authentication service and revoke the token.

The token provides authentication to services that support the API ML SSO (Single Sign-On) capability. When you log in, the token is stored in your default base profile until it expires. Base profiles store connection information shared by multiple services (e.g., z/OSMF), and are used if you do not supply connection information in a service profile. To take advantage of the API ML SSO capability, you should omit username and password in service profiles so that the token in the base profile is used.

zowe › auth › login

Log in to an authentication service.

zowe › auth › login › apiml

Log in to Zowe API Mediation Layer authentication service and obtain or update a token.

The token provides authentication to services that support the API ML SSO (Single Sign-On) capability. When you log in, the token is stored in your default base profile until it expires. Base profiles store connection information shared by multiple services (e.g., z/OSMF), and are used if you do not supply connection information in a service profile. To take advantage of the API ML SSO capability, you should omit username and password in service profiles so that the token in the base profile is used.

Usage

zowe auth login apiml [options]

Options

- `--show-token` | `--st` *(boolean)*

    - Show the token when login is successful. If specified, does not save the token to a profile.

Base Connection Options

- `--host` | `-H` *(string)*

- Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Examples

- Log in to an API ML instance to obtain or update the token stored in your base profile:

  - `zowe auth login apiml`

- Log in to an API ML instance to obtain a token without storing it in a profile:

  - `zowe auth login apiml --show-token`

zowe › auth › logout

Log out of an authentication service.

zowe › auth › logout › apiml

Log out of the Zowe API Mediation Layer authentication service and revoke the token so it can no longer authenticate. Also remove the token from the default base profile, if it is stored on disk.

Usage

zowe auth logout apiml [options]

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

        Allowed values: apimlAuthenticationToken, jwtToken, LtpaToken2

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

Profile Options

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Examples

- Log out of an API ML instance to revoke the token that was in use and remove it from your base profile:

- `zowe auth logout apiml`

- Log out of an API ML instance to revoke a token that was not stored in a profile:

  - `zowe auth logout apiml --token-value <token>`

zowe › ca7

Welcome to the CA 7 Zowe CLI!

zowe › ca7 › cancel

For CPU jobs, the CANCEL command only removes the job from the queues.
For XPJOB jobs, the CANCEL command removes the job from the queues.
For agent definition jobs (AGJOBs), the CANCEL command sends a request to the agent and removes the job from the queues.

zowe › ca7 › cancel › jobnumber

Indicates the individual job to cancel, and the value must be a CA 7 job number.

Usage

zowe ca7 cancel jobnumber <jobnumber> [options]

Positional Arguments

- `jobnumber` *(string)*

  - jonumber=0016

    Defines the unique CA 7 job number (leading zeros are not required) for the job to cancel.
    Limits: 1 to 4 numeric characters

Options

- `--force` *(string)*

  - Specifies to force the cancellation of the job.
    Use of this option can potentially cause CA WA CA 7 Edition to abend; therefore, only use it as a last resort.

- `--reason` *(string)*

  - Defines the reason for the job cancellation.

    Limits: 1 to 40 alphanumeric characters
    Required: No (depending on initialization options)

CA7 Connection Options

- `--host` | `-H` *(string)*

    - Host name of the CA7 API service that is running on the mainframe system.

        Default value: localhost

- `--port` | `-P` *(number)*

    - Port for the CA7 API service that is running on the mainframe system.

        Default value: 8080

- `--user` | `-u` *(string)*

    - User name for authenticating connections to the CA7 API service that is running on the mainframe system.

        Default value: MASTER

- `--password` | `--pass` | `--pw` *(string)*

    - Password for authenticating connections to the CA7 API service that is running on the mainframe system.

        Default value:

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` | `-o` *(string)*

    - Specifies protocol to use for CA7 connection (http or https).

        Default value: https
        Allowed values: http, https

Profile Options

- `--ca7-profile` | `--ca7-p` *(string)*

    - The name of a (ca7) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Cancel job number 0016:

  - `zowe ca7 cancel jobnumber 0016`

zowe › ca7 › demand

Demand a single job to CA 7.

zowe › ca7 › demand › job

The demanded jobs are placed in the request queue and assigned a unique CA 7 job number. JOB and JOBL are mutually exclusive.

Usage

zowe ca7 demand job <job> [options]

Positional Arguments

- `job` *(string)*

    - job=PAYROLL

        The demanded jobs are placed in the request queue and assigned a unique CA 7 job
        number.
        1-8 alphanumeric (mutually exclusive w/ jobl

Options

- `--arfset` | `--as` *(string)*

    - arfset={arfsetname|**NONE**}

        Defines the ARF set name that is used for this run of the job.
        If you specify **NONE**, no ARF processing is performed for this run of the job.

        Limits: 1 to 8 alphanumeric characters or **NONE**

- `--cc` *(string)*

    - cc=nnn

        Defines, with RO (relational operator), the job-level condition codes that are used to
        determine whether a job executes successfully.

        If specified, this value overrides the RO defined for the job in the CA WA CA 7 Edition
        database. RO is required when CC is specified.

        Default: The job definition panel COND-CODE value when the job is defined to CA WA
        CA 7 Edition; otherwise 0.
        Limits: 1 to 4 numeric characters from 0 to 4095. Invalid with agent jobs.

- `--wlbclass` | `--wc` *(string)*

    - class=x

        Defines the workload balancing class for resource checking.

        Limits: 1 alphanumeric character

- `--count` *(string)*

- ○ count=nnnn

  Defines the maximum number of times to repeat the job. COUNT is ignored if INTERVAL is not specified.

  Default: None. The job continues repeating until the STOP time is reached.
  Limits: 1 to 4 numeric characters from 0 to 1439. The leading zeros can be discarded.

- `--date` *(string)*

  - ○ date={+nn|yyddd}

    Defines due-out and submit dates.
    Limits: If used, specify DOTM or TIME.
    +nn

    Defines the number of days after the current date.
    Limits: 1 to 2 numeric characters from 1 to 99
    yyddd

    Defines the Julian date to run the job.

- `--depjob` | `--dj` *(string)*

  - ○ depjob=jobname2

    Defines a single predecessor job that must complete while the demanded job is waiting.
    Limits: 1 to 8 alphanumeric characters

- `--dotm` *(string)*

  - ○ dotm=hhmm

    Defines the due-out time-of-day for the job in hours (hh) and minutes (mm).
    If DOTM is specified on the DEMAND/DEMANDH command and the value that is given is earlier than the current time, the due-out day is assumed to be the following day.

    If DOTM and LEADTM are both omitted, then deadline start time is assumed to be the current time plus the LEADTM.

    Limits: hh= 1 through 2 numeric characters from 0 to 24
    mm= 2 numeric characters from 00 to 59

    Required: No (unless DATE is used, if so, DOTM or TIME must be specified)

- `--exec` | `-e` *(string)*

- exec={NO|YES}

  Specifies whether to execute the job (YES/NO).
  If NO (N) is used, the job does not run but shows a normal completion as if it did run. The value that is specified here overrides the value that is coded on the job definition EXEC field.

  Default: The job definition panel EXEC value if the job is defined to CA WA CA 7 Edition; otherwise YES.

- `--interval` | `-i` *(string)*

  - interval=hhmm

    Identifies that the job is repeated (executed more than once) and defines the amount of time between each iteration.

    If INTERVAL is specified, the TIME and TYPE keywords are required. If both INTERVAL and COUNT are specified, the INTERVAL value times the COUNT value must total less than 24 hours.

    Limits: hh=1 through 2 numeric characters from 0 to 23
    mm=2 numeric characters from 00 to 59

- `--jclid` | `--ji` *(string)*

  - jclid=nnn

    Defines the JCL data set that contains the execution JCL to be submitted.

    If used, the value must be a numeric INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

    Limits: 1 to 3 numeric characters from 0 through 254 and from 256 through 999. 255 is reserved.

- `--jcllib` | `--jl` *(string)*

  - jcllib=&x...x

    Defines the JCL data set that contains the execution JCL to be submitted.

    If used, the value must be a symbolic INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

    Limits: 2 to 16 alphanumeric characters beginning with ampersand (&)

- `--late` *(string)*

  - late={NO|YES}

    Specifies whether a notification occurs when the job becomes late.
    Specify YES (Y) to make the job eligible to be marked LATE. If NO (N) is used, the job is never marked LATE. The value that is specified here overrides the value that is coded on the job definition PROMPTS field.

- `--leadtm` | `--lt` *(string)*

  - leadtm={0100|hhmm}

    Defines the amount of elapsed time that is required to process the job.
    Default: 1 hour
    Limits: hh= 1 through 2 numeric characters from 0 to 24
    mm= 2 numeric characters from 00 to 59

- `--mainid` | `--mi` *(string)*

  - mainid={ALL|SYn|/SYn|-SYn}

    Specifies the MAINID, as defined in the initialization file CPU statement, to which you want to redirect the job.

    ALL
    Specifies all CPUs are acceptable for executing the job.

    SYn
    n defines the CPU to which the job is being redirected. The value of n can range from 1 to 7.

    /SYn
    n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

    -SYn
    n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

    Limits: Invalid for internal cross-platform jobs.

- `--prty` *(string)*

- ○ prty=nnn
  Defines the initial workload balancing priority

  Limits: 1-3 numeric (1-255).

- `--rms` *(string)*

  - ○ rms={NO|YES}

    Specifies whether CA WA CA 7 Edition inserts the CA Workload Automation Restart Option for z/OS Schedulers RMS step.

    Specify YES (Y) to insert the step with the CA Workload Automation Restart Option for z/OS Schedulers processing code of P. Enter NO (N) to indicate do not insert of the RMS step.

    Default: The job definition panel INSERT-RMS value if job defined to CA WA CA 7 Edition; otherwise NO.
    Limits: Invalid for internal cross-platform jobs.

- `--ro` *(string)*

  - ○ ro={EQ|LT|GT|GE|LE|NE|#S|IG|0}

    Specifies the relational operator of the condition code (CC) or if the step level #SCC statements are being used in the JCL of the job.

    EQ
    Equal to

    LT
    Less than

    GT
    Greater than

    GE
    Greater than or equal to

    LE
    Less than or equal to

    NE
    Not equal to

#S
Step condition code tests to be made based on a #SCC statement.

IG
No evaluation of the job is done. CA WA CA 7 Edition always assumes that the job completes successfully, regardless of condition codes, abend codes, or run-time JCL errors.

Limits: Invalid with agent jobs.

- `--schid` | `--si` *(string)*

  - schid={1|nnn}

    Defines the schedule ID within the job's total schedule definition to use for this run.

    Default: 1
    Limits: 1 to 3 numeric characters from 1 to 255 (See Note)

    If the SCHEDULE statement in the initialization file specifies SCHID=YES, this parameter is required.

- `--set` *(string)*

  - set={NDB|NTR|SKP}

    Specifies skip the next scheduled cycle for the job (SKP), disable triggering (NTR), or bypass the database updating at the job completion.

    SKP
    Specifies this run of the job takes the place of the next scheduled run. This value has the same effect as entering NXTCYC,SET=SKP. It is reflected on output from LJOB and LLOCK commands as if NXTCYC,SET=SKP was used. This parameter is invalid if the job has no schedule. SET=SKP has no impact on repeating jobs that are already in the queues.

    NTR
    Specifies normal triggering is disabled only for this run of the job.

    NDB
    Allows a job to bypass all load processing at the job completion, but allows other processing to proceed typically.

- `--stop` *(string)*

- stop=hhmm

  Defines the clock time after which the job is not repeated. STOP is ignored if INTERVAL is not specified.

  Default: 1439 minutes (24 hours minus 1 minute) after the submit time
  Limits: hh=1 through 2 numeric characters from 0 to 23
  mm=2 numeric characters from 00 to 59

- `--time` *(string)*

  - time={hhmm|+hhmm}

    Defines a submit time-of-day requirement for the job.

    Limits: + is optional
    hh= 1 through 2 numeric characters from 0 to 23
    mm= 2 numeric characters from 00 to 59

    Required: No (unless DATE is used, if so, specify DOTM or TIME (hhmm format). Also required if TYPE=CLOCK is specified.

- `--type` *(string)*

  - type={CLOCK|END|RES|START}

    TYPE=RES specifies the job is being scheduled in restart/rerun status.
    TYPE=CLOCK, START, or END controls how the submit time requirement is calculated for repeating jobs.

    Limits: RES, CLOCK, START, or END

CA7 Connection Options

- `--host` | `-H` *(string)*

  - Host name of the CA7 API service that is running on the mainframe system.

    Default value: localhost

- `--port` | `-P` *(number)*

  - Port for the CA7 API service that is running on the mainframe system.

    Default value: 8080

- `--user` | `-u` *(string)*

- User name for authenticating connections to the CA7 API service that is running on the mainframe system.

    Default value: MASTER

- `--password` | `--pass` | `--pw` *(string)*

    - Password for authenticating connections to the CA7 API service that is running on the mainframe system.

        Default value:

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` | `-o` *(string)*

    - Specifies protocol to use for CA7 connection (http or https).

        Default value: https
        Allowed values: http, https

Profile Options

- `--ca7-profile` | `--ca7-p` *(string)*

    - The name of a (ca7) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Demand job, PAYROLL to CA 7:

    - `zowe ca7 demand job PAYROLL`

zowe › ca7 › demand › jobl

The demanded jobs are placed in the request queue and assigned a unique CA 7 job number.

Usage

zowe ca7 demand jobl <jobl> [options]

Positional Arguments

- `jobl` *(string)*

    - jobl=payrollSW123

        Defines the long name of the job being demanded.
        The demanded jobs are placed in the request queue and assigned a unique CA 7 job number.

Options

- `--arfset` | `--as` *(string)*

    - arfset={arfsetname|**NONE**}

        Defines the ARF set name that is used for this run of the job.
        If you specify **NONE**, no ARF processing is performed for this run of the job.

        Limits: 1 to 8 alphanumeric characters or **NONE**

- `--cc` *(string)*

  - cc=nnn

    Defines, with RO (relational operator), the job-level condition codes that are used to determine whether a job executes successfully.

    If specified, this value overrides the RO defined for the job in the CA WA CA 7 Edition database. RO is required when CC is specified.

    Default: The job definition panel COND-CODE value when the job is defined to CA WA CA 7 Edition; otherwise 0.
    Limits: 1 to 4 numeric characters from 0 to 4095. Invalid with agent jobs.

- `--wlbclass` | `--wc` *(string)*

  - class=x

    Defines the workload balancing class for resource checking.

    Limits: 1 alphanumeric character

- `--count` *(string)*

  - count=nnnn

    Defines the maximum number of times to repeat the job. COUNT is ignored if INTERVAL is not specified.

    Default: None. The job continues repeating until the STOP time is reached.
    Limits: 1 to 4 numeric characters from 0 to 1439. The leading zeros can be discarded.

- `--date` *(string)*

  - date={+nn|yyddd}

    Defines due-out and submit dates.
    Limits: If used, specify DOTM or TIME.
    +nn

    Defines the number of days after the current date.
    Limits: 1 to 2 numeric characters from 1 to 99
    yyddd

    Defines the Julian date to run the job.

- `--depjob` | `--dj` *(string)*

  - depjob=jobname2

    Defines a single predecessor job that must complete while the demanded job is waiting.
    Limits: 1 to 8 alphanumeric characters

- `--dotm` *(string)*

  - dotm=hhmm

    Defines the due-out time-of-day for the job in hours (hh) and minutes (mm).
    If DOTM is specified on the DEMAND/DEMANDH command and the value that is given
    is earlier than the current time, the due-out day is assumed to be the following day.

    If DOTM and LEADTM are both omitted, then deadline start time is assumed to be the
    current time plus the LEADTM.

    Limits: hh= 1 through 2 numeric characters from 0 to 24
    mm= 2 numeric characters from 00 to 59

    Required: No (unless DATE is used, if so, DOTM or TIME must be specified)

- `--exec` | `-e` *(string)*

  - exec={NO|YES}

    Specifies whether to execute the job (YES/NO).
    If NO (N) is used, the job does not run but shows a normal completion as if it did run. The
    value that is specified here overrides the value that is coded on the job definition EXEC
    field.

    Default: The job definition panel EXEC value if the job is defined to CA WA CA 7 Edition;
    otherwise YES.

- `--interval` | `-i` *(string)*

  - interval=hhmm

    Identifies that the job is repeated (executed more than once) and defines the amount of
    time between each iteration.

    If INTERVAL is specified, the TIME and TYPE keywords are required. If both INTERVAL
    and COUNT are specified, the INTERVAL value times the COUNT value must total less
    than 24 hours.

Limits: hh=1 through 2 numeric characters from 0 to 23
mm=2 numeric characters from 00 to 59

- `--jclid` | `--ji` *(string)*

  - jclid=nnn

    Defines the JCL data set that contains the execution JCL to be submitted.

    If used, the value must be a numeric INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

    Limits: 1 to 3 numeric characters from 0 through 254 and from 256 through 999. 255 is reserved.

- `--jcllib` | `--jl` *(string)*

  - jcllib=&x...x

    Defines the JCL data set that contains the execution JCL to be submitted.

    If used, the value must be a symbolic INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

    Limits: 2 to 16 alphanumeric characters beginning with ampersand (&)

- `--late` *(string)*

  - late={NO|YES}

    Specifies whether a notification occurs when the job becomes late.
    Specify YES (Y) to make the job eligible to be marked LATE. If NO (N) is used, the job is never marked LATE. The value that is specified here overrides the value that is coded on the job definition PROMPTS field.

- `--leadtm` | `--lt` *(string)*

  - leadtm={0100|hhmm}

    Defines the amount of elapsed time that is required to process the job.
    Default: 1 hour
    Limits: hh= 1 through 2 numeric characters from 0 to 24
    mm= 2 numeric characters from 00 to 59

- `--mainid` | `--mi` *(string)*

- mainid={ALL|SYn|/SYn|-SYn}

  Specifies the MAINID, as defined in the initialization file CPU statement, to which you want to redirect the job.

  ALL
  Specifies all CPUs are acceptable for executing the job.

  SYn
  n defines the CPU to which the job is being redirected. The value of n can range from 1 to 7.

  /SYn
  n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

  -SYn
  n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

  Limits: Invalid for internal cross-platform jobs.

- `--prty` *(string)*

  - prty=nnn
    Defines the initial workload balancing priority

    Limits: 1-3 numeric (1-255).

- `--rms` *(string)*

  - rms={NO|YES}

    Specifies whether CA WA CA 7 Edition inserts the CA Workload Automation Restart Option for z/OS Schedulers RMS step.

    Specify YES (Y) to insert the step with the CA Workload Automation Restart Option for z/OS Schedulers processing code of P. Enter NO (N) to indicate do not insert of the RMS step.

    Default: The job definition panel INSERT-RMS value if job defined to CA WA CA 7 Edition; otherwise NO.
    Limits: Invalid for internal cross-platform jobs.

- `--ro` *(string)*

- ro={EQ|LT|GT|GE|LE|NE|#S|IG|0}

  Specifies the relational operator of the condition code (CC) or if the step level #SCC statements are being used in the JCL of the job.

  EQ
  Equal to

  LT
  Less than

  GT
  Greater than

  GE
  Greater than or equal to

  LE
  Less than or equal to

  NE
  Not equal to

  #S
  Step condition code tests to be made based on a #SCC statement.

  IG
  No evaluation of the job is done. CA WA CA 7 Edition always assumes that the job completes successfully, regardless of condition codes, abend codes, or run-time JCL errors.

  Limits: Invalid with agent jobs.

- `--schid` | `--si` *(string)*

  - schid={1|nnn}

    Defines the schedule ID within the job's total schedule definition to use for this run.

    Default: 1
    Limits: 1 to 3 numeric characters from 1 to 255 (See Note)

    If the SCHEDULE statement in the initialization file specifies SCHID=YES, this parameter is required.

- `--set` *(string)*

- set={NDB|NTR|SKP}

  Specifies skip the next scheduled cycle for the job (SKP), disable triggering (NTR), or bypass the database updating at the job completion.

  SKP
  Specifies this run of the job takes the place of the next scheduled run. This value has the same effect as entering NXTCYC,SET=SKP. It is reflected on output from LJOB and LLOCK commands as if NXTCYC,SET=SKP was used. This parameter is invalid if the job has no schedule. SET=SKP has no impact on repeating jobs that are already in the queues.

  NTR
  Specifies normal triggering is disabled only for this run of the job.

  NDB
  Allows a job to bypass all load processing at the job completion, but allows other processing to proceed typically.

- `--stop` *(string)*

  - stop=hhmm

    Defines the clock time after which the job is not repeated. STOP is ignored if INTERVAL is not specified.

    Default: 1439 minutes (24 hours minus 1 minute) after the submit time
    Limits: hh=1 through 2 numeric characters from 0 to 23
    mm=2 numeric characters from 00 to 59

- `--time` *(string)*

  - time={hhmm|+hhmm}

    Defines a submit time-of-day requirement for the job.

    Limits: + is optional
    hh= 1 through 2 numeric characters from 0 to 23
    mm= 2 numeric characters from 00 to 59

    Required: No (unless DATE is used, if so, specify DOTM or TIME (hhmm format). Also required if TYPE=CLOCK is specified.

- `--type` *(string)*

- type={CLOCK|END|RES|START}

  TYPE=RES specifies the job is being scheduled in restart/rerun status.
  TYPE=CLOCK, START, or END controls how the submit time requirement is calculated for repeating jobs.

  Limits: RES, CLOCK, START, or END

CA7 Connection Options

- `--host` | `-H` *(string)*

  - Host name of the CA7 API service that is running on the mainframe system.

    Default value: localhost

- `--port` | `-P` *(number)*

  - Port for the CA7 API service that is running on the mainframe system.

    Default value: 8080

- `--user` | `-u` *(string)*

  - User name for authenticating connections to the CA7 API service that is running on the mainframe system.

    Default value: MASTER

- `--password` | `--pass` | `--pw` *(string)*

  - Password for authenticating connections to the CA7 API service that is running on the mainframe system.

    Default value:

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` | `-o` *(string)*

  - Specifies protocol to use for CA7 connection (http or https).

Default value: https
Allowed values: http, https

Profile Options

- `--ca7-profile` | `--ca7-p` *(string)*

    - The name of a (ca7) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Demand long job, payrollSW123 to CA 7:

    - `zowe ca7 demand jobl payrollSW123`

zowe › ca7 › demandh

Demand a single job to CA 7 and hold.

zowe › ca7 › demandh › job

The demanded jobs are placed in the request queue and assigned a unique CA 7 job number.

Usage

zowe ca7 demandh job <job> [options]

Positional Arguments

- `job` *(string)*

  - job=PAYROLL

    Defines the name of the job being demanded.
    The demanded jobs are placed in the request queue and assigned a unique CA 7 job number.

Options

- `--arfset` | `--as` *(string)*

  - arfset={arfsetname|**NONE**}

    Defines the ARF set name that is used for this run of the job.
    If you specify **NONE**, no ARF processing is performed for this run of the job.

    Limits: 1 to 8 alphanumeric characters or **NONE**

- `--cc` *(string)*

  - cc=nnn

    Defines, with RO (relational operator), the job-level condition codes that are used to determine whether a job executes successfully.

    If specified, this value overrides the RO defined for the job in the CA WA CA 7 Edition database. RO is required when CC is specified.

    Default: The job definition panel COND-CODE value when the job is defined to CA WA CA 7 Edition; otherwise 0.
    Limits: 1 to 4 numeric characters from 0 to 4095. Invalid with agent jobs.

- `--wlbclass` | `--wc` *(string)*

- class=x

  Defines the workload balancing class for resource checking.

  Limits: 1 alphanumeric character

- `--count` *(string)*

  - count=nnnn

    Defines the maximum number of times to repeat the job. COUNT is ignored if INTERVAL is not specified.

    Default: None. The job continues repeating until the STOP time is reached.
    Limits: 1 to 4 numeric characters from 0 to 1439. The leading zeros can be discarded.

- `--date` *(string)*

  - date={+nn|yyddd}

    Defines due-out and submit dates.
    Limits: If used, specify DOTM or TIME.
    +nn

    Defines the number of days after the current date.
    Limits: 1 to 2 numeric characters from 1 to 99
    yyddd

    Defines the Julian date to run the job.

- `--depjob` | `--dj` *(string)*

  - depjob=jobname2

    Defines a single predecessor job that must complete while the demanded job is waiting.
    Limits: 1 to 8 alphanumeric characters

- `--dotm` *(string)*

  - dotm=hhmm

    Defines the due-out time-of-day for the job in hours (hh) and minutes (mm).
    If DOTM is specified on the DEMAND/DEMANDH command and the value that is given is earlier than the current time, the due-out day is assumed to be the following day.

If DOTM and LEADTM are both omitted, then deadline start time is assumed to be the current time plus the LEADTM.

Limits: hh= 1 through 2 numeric characters from 0 to 24
mm= 2 numeric characters from 00 to 59

Required: No (unless DATE is used, if so, DOTM or TIME must be specified)

- `--exec` | `-e` *(string)*

  o exec={NO|YES}

    Specifies whether to execute the job (YES/NO).
    If NO (N) is used, the job does not run but shows a normal completion as if it did run. The value that is specified here overrides the value that is coded on the job definition EXEC field.

    Default: The job definition panel EXEC value if the job is defined to CA WA CA 7 Edition; otherwise YES.

- `--interval` | `-i` *(string)*

  o interval=hhmm

    Identifies that the job is repeated (executed more than once) and defines the amount of time between each iteration.

    If INTERVAL is specified, the TIME and TYPE keywords are required. If both INTERVAL and COUNT are specified, the INTERVAL value times the COUNT value must total less than 24 hours.

    Limits: hh=1 through 2 numeric characters from 0 to 23
    mm=2 numeric characters from 00 to 59

- `--jclid` | `--ji` *(string)*

  o jclid=nnn

    Defines the JCL data set that contains the execution JCL to be submitted.

    If used, the value must be a numeric INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

    Limits: 1 to 3 numeric characters from 0 through 254 and from 256 through 999. 255 is reserved.

- `--jcllib` | `--jl` *(string)*

  - jcllib=&x...x

    Defines the JCL data set that contains the execution JCL to be submitted.

    If used, the value must be a symbolic INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

    Limits: 2 to 16 alphanumeric characters beginning with ampersand (&)

- `--late` *(string)*

  - late={NO|YES}

    Specifies whether a notification occurs when the job becomes late.
    Specify YES (Y) to make the job eligible to be marked LATE. If NO (N) is used, the job is never marked LATE. The value that is specified here overrides the value that is coded on the job definition PROMPTS field.

- `--leadtm` | `--lt` *(string)*

  - leadtm={0100|hhmm}

    Defines the amount of elapsed time that is required to process the job.
    Default: 1 hour
    Limits: hh= 1 through 2 numeric characters from 0 to 24
    mm= 2 numeric characters from 00 to 59

- `--mainid` | `--mi` *(string)*

  - mainid={ALL|SYn|/SYn|-SYn}

    Specifies the MAINID, as defined in the initialization file CPU statement, to which you want to redirect the job.

    ALL
    Specifies all CPUs are acceptable for executing the job.

    SYn
    n defines the CPU to which the job is being redirected. The value of n can range from 1 to 7.

    /SYn
    n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

-SYn

n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

Limits: Invalid for internal cross-platform jobs.

- `--prty` *(string)*

  - prty=nnn
    Defines the initial workload balancing priority

    Limits: 1-3 numeric (1-255).

- `--rms` *(string)*

  - rms={NO|YES}

    Specifies whether CA WA CA 7 Edition inserts the CA Workload Automation Restart Option for z/OS Schedulers RMS step.

    Specify YES (Y) to insert the step with the CA Workload Automation Restart Option for z/OS Schedulers processing code of P. Enter NO (N) to indicate do not insert of the RMS step.

    Default: The job definition panel INSERT-RMS value if job defined to CA WA CA 7 Edition; otherwise NO.
    Limits: Invalid for internal cross-platform jobs.

- `--ro` *(string)*

  - ro={EQ|LT|GT|GE|LE|NE|#S|IG|0}

    Specifies the relational operator of the condition code (CC) or if the step level #SCC statements are being used in the JCL of the job.

    EQ
    Equal to

    LT
    Less than

    GT
    Greater than

    GE
    Greater than or equal to

LE
Less than or equal to

NE
Not equal to

#S
Step condition code tests to be made based on a #SCC statement.

IG
No evaluation of the job is done. CA WA CA 7 Edition always assumes that the job completes successfully, regardless of condition codes, abend codes, or run-time JCL errors.

Limits: Invalid with agent jobs.

- `--schid` | `--si` *(string)*

  - schid={1|nnn}

    Defines the schedule ID within the job's total schedule definition to use for this run.

    Default: 1
    Limits: 1 to 3 numeric characters from 1 to 255 (See Note)

    If the SCHEDULE statement in the initialization file specifies SCHID=YES, this parameter is required.

- `--set` *(string)*

  - set={NDB|NTR|SKP}

    Specifies skip the next scheduled cycle for the job (SKP), disable triggering (NTR), or bypass the database updating at the job completion.

    SKP
    Specifies this run of the job takes the place of the next scheduled run. This value has the same effect as entering NXTCYC,SET=SKP. It is reflected on output from LJOB and LLOCK commands as if NXTCYC,SET=SKP was used. This parameter is invalid if the job has no schedule. SET=SKP has no impact on repeating jobs that are already in the queues.

    NTR
    Specifies normal triggering is disabled only for this run of the job.

NDB

Allows a job to bypass all load processing at the job completion, but allows other processing to proceed typically.

- `--stop` *(string)*

  - stop=hhmm

    Defines the clock time after which the job is not repeated. STOP is ignored if INTERVAL is not specified.

    Default: 1439 minutes (24 hours minus 1 minute) after the submit time
    Limits: hh=1 through 2 numeric characters from 0 to 23
    mm=2 numeric characters from 00 to 59

- `--time` *(string)*

  - time={hhmm|+hhmm}

    Defines a submit time-of-day requirement for the job.

    Limits: + is optional
    hh= 1 through 2 numeric characters from 0 to 23
    mm= 2 numeric characters from 00 to 59

    Required: No (unless DATE is used, if so, specify DOTM or TIME (hhmm format). Also required if TYPE=CLOCK is specified.

- `--type` *(string)*

  - type={CLOCK|END|RES|START}

    TYPE=RES specifies the job is being scheduled in restart/rerun status.
    TYPE=CLOCK, START, or END controls how the submit time requirement is calculated for repeating jobs.

    Limits: RES, CLOCK, START, or END

CA7 Connection Options

- `--host` | `-H` *(string)*

  - Host name of the CA7 API service that is running on the mainframe system.

    Default value: localhost

- `--port` | `-P` *(number)*

  - Port for the CA7 API service that is running on the mainframe system.

    Default value: 8080

- `--user` | `-u` *(string)*

  - User name for authenticating connections to the CA7 API service that is running on the mainframe system.

    Default value: MASTER

- `--password` | `--pass` | `--pw` *(string)*

  - Password for authenticating connections to the CA7 API service that is running on the mainframe system.

    Default value:

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` | `-o` *(string)*

  - Specifies protocol to use for CA7 connection (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--ca7-profile` | `--ca7-p` *(string)*

  - The name of a (ca7) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

- Reject self-signed certificates.

  Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Demand and hold job, PAYROLL to CA 7:

  - `zowe ca7 demandh job PAYROLL`

zowe › ca7 › demandh › jobl

The demanded jobs are placed in the request queue and assigned a unique CA 7 job number.

Usage

zowe ca7 demandh jobl <jobl> [options]

Positional Arguments

- `jobl` *(string)*

  - jobl=payrollSW123

    Defines the long name of the job being demanded.
    The demanded jobs are placed in the request queue and assigned a unique CA 7 job number.

Options

- `--arfset` | `--as` *(string)*

  - arfset={arfsetname|**NONE**}

    Defines the ARF set name that is used for this run of the job.
    If you specify **NONE**, no ARF processing is performed for this run of the job.

    Limits: 1 to 8 alphanumeric characters or **NONE**

- `--cc` *(string)*

  - cc=nnn

    Defines, with RO (relational operator), the job-level condition codes that are used to determine whether a job executes successfully.

    If specified, this value overrides the RO defined for the job in the CA WA CA 7 Edition database. RO is required when CC is specified.

    Default: The job definition panel COND-CODE value when the job is defined to CA WA CA 7 Edition; otherwise 0.
    Limits: 1 to 4 numeric characters from 0 to 4095. Invalid with agent jobs.

- `--wlbclass` | `--wc` *(string)*

  - class=x

    Defines the workload balancing class for resource checking.

    Limits: 1 alphanumeric character

- `--count` *(string)*

  - count=nnnn

    Defines the maximum number of times to repeat the job. COUNT is ignored if INTERVAL is not specified.

    Default: None. The job continues repeating until the STOP time is reached.
    Limits: 1 to 4 numeric characters from 0 to 1439. The leading zeros can be discarded.

- `--date` *(string)*

  - date={+nn|yyddd}

    Defines due-out and submit dates.
    Limits: If used, specify DOTM or TIME.

+nn

Defines the number of days after the current date.
Limits: 1 to 2 numeric characters from 1 to 99
yyddd

Defines the Julian date to run the job.

- `--depjob` | `--dj` *(string)*

  - depjob=jobname2

    Defines a single predecessor job that must complete while the demanded job is waiting.
    Limits: 1 to 8 alphanumeric characters

- `--dotm` *(string)*

  - dotm=hhmm

    Defines the due-out time-of-day for the job in hours (hh) and minutes (mm).
    If DOTM is specified on the DEMAND/DEMANDH command and the value that is given is earlier than the current time, the due-out day is assumed to be the following day.

    If DOTM and LEADTM are both omitted, then deadline start time is assumed to be the current time plus the LEADTM.

    Limits: hh= 1 through 2 numeric characters from 0 to 24
    mm= 2 numeric characters from 00 to 59

    Required: No (unless DATE is used, if so, DOTM or TIME must be specified)

- `--exec` | `-e` *(string)*

  - exec={NO|YES}

    Specifies whether to execute the job (YES/NO).
    If NO (N) is used, the job does not run but shows a normal completion as if it did run. The value that is specified here overrides the value that is coded on the job definition EXEC field.

    Default: The job definition panel EXEC value if the job is defined to CA WA CA 7 Edition; otherwise YES.

- `--interval` | `-i` *(string)*

  - interval=hhmm

Identifies that the job is repeated (executed more than once) and defines the amount of time between each iteration.

If INTERVAL is specified, the TIME and TYPE keywords are required. If both INTERVAL and COUNT are specified, the INTERVAL value times the COUNT value must total less than 24 hours.

Limits: hh=1 through 2 numeric characters from 0 to 23
mm=2 numeric characters from 00 to 59

- `--jclid` | `--ji` *(string)*

  - jclid=nnn

    Defines the JCL data set that contains the execution JCL to be submitted.

    If used, the value must be a numeric INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

    Limits: 1 to 3 numeric characters from 0 through 254 and from 256 through 999. 255 is reserved.

- `--jcllib` | `--jl` *(string)*

  - jcllib=&x...x

    Defines the JCL data set that contains the execution JCL to be submitted.

    If used, the value must be a symbolic INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

    Limits: 2 to 16 alphanumeric characters beginning with ampersand (&)

- `--late` *(string)*

  - late={NO|YES}

    Specifies whether a notification occurs when the job becomes late.
    Specify YES (Y) to make the job eligible to be marked LATE. If NO (N) is used, the job is never marked LATE. The value that is specified here overrides the value that is coded on the job definition PROMPTS field.

- `--leadtm` | `--lt` *(string)*

  - leadtm={0100|hhmm}

Defines the amount of elapsed time that is required to process the job.

Default: 1 hour

Limits: hh= 1 through 2 numeric characters from 0 to 24

mm= 2 numeric characters from 00 to 59

- `--mainid` | `--mi` *(string)*

  - mainid={ALL|SYn|/SYn|-SYn}

    Specifies the MAINID, as defined in the initialization file CPU statement, to which you want to redirect the job.

    ALL
    Specifies all CPUs are acceptable for executing the job.

    SYn
    n defines the CPU to which the job is being redirected. The value of n can range from 1 to 7.

    /SYn
    n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

    -SYn
    n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

    Limits: Invalid for internal cross-platform jobs.

- `--prty` *(string)*

  - prty=nnn
    Defines the initial workload balancing priority

    Limits: 1-3 numeric (1-255).

- `--rms` *(string)*

  - rms={NO|YES}

    Specifies whether CA WA CA 7 Edition inserts the CA Workload Automation Restart Option for z/OS Schedulers RMS step.

    Specify YES (Y) to insert the step with the CA Workload Automation Restart Option for z/OS Schedulers processing code of P. Enter NO (N) to indicate do not insert of the RMS

step.

Default: The job definition panel INSERT-RMS value if job defined to CA WA CA 7
Edition; otherwise NO.
Limits: Invalid for internal cross-platform jobs.

- `--ro` *(string)*

  ○ ro={EQ|LT|GT|GE|LE|NE|#S|IG|0}

    Specifies the relational operator of the condition code (CC) or if the step level #SCC
    statements are being used in the JCL of the job.

    EQ
    Equal to

    LT
    Less than

    GT
    Greater than

    GE
    Greater than or equal to

    LE
    Less than or equal to

    NE
    Not equal to

    #S
    Step condition code tests to be made based on a #SCC statement.

    IG
    No evaluation of the job is done. CA WA CA 7 Edition always assumes that the job
    completes successfully, regardless of condition codes, abend codes, or run-time JCL
    errors.

    Limits: Invalid with agent jobs.

- `--schid` | `--si` *(string)*

  ○ schid={1|nnn}

    Defines the schedule ID within the job's total schedule definition to use for this run.

Default: 1

Limits: 1 to 3 numeric characters from 1 to 255 (See Note)

If the SCHEDULE statement in the initialization file specifies SCHID=YES, this parameter is required.

- `--set` *(string)*

    - set={NDB|NTR|SKP}

    Specifies skip the next scheduled cycle for the job (SKP), disable triggering (NTR), or bypass the database updating at the job completion.

    SKP
    Specifies this run of the job takes the place of the next scheduled run. This value has the same effect as entering NXTCYC,SET=SKP. It is reflected on output from LJOB and LLOCK commands as if NXTCYC,SET=SKP was used. This parameter is invalid if the job has no schedule. SET=SKP has no impact on repeating jobs that are already in the queues.

    NTR
    Specifies normal triggering is disabled only for this run of the job.

    NDB
    Allows a job to bypass all load processing at the job completion, but allows other processing to proceed typically.

- `--stop` *(string)*

    - stop=hhmm

    Defines the clock time after which the job is not repeated. STOP is ignored if INTERVAL is not specified.

    Default: 1439 minutes (24 hours minus 1 minute) after the submit time
    Limits: hh=1 through 2 numeric characters from 0 to 23
    mm=2 numeric characters from 00 to 59

- `--time` *(string)*

    - time={hhmm|+hhmm}

    Defines a submit time-of-day requirement for the job.

Limits: + is optional
hh= 1 through 2 numeric characters from 0 to 23
mm= 2 numeric characters from 00 to 59

Required: No (unless DATE is used, if so, specify DOTM or TIME (hhmm format). Also required if TYPE=CLOCK is specified.

- `--type` *(string)*

  - type={CLOCK|END|RES|START}

    TYPE=RES specifies the job is being scheduled in restart/rerun status.
    TYPE=CLOCK, START, or END controls how the submit time requirement is calculated for repeating jobs.

    Limits: RES, CLOCK, START, or END

CA7 Connection Options

- `--host` | `-H` *(string)*

  - Host name of the CA7 API service that is running on the mainframe system.

    Default value: localhost

- `--port` | `-P` *(number)*

  - Port for the CA7 API service that is running on the mainframe system.

    Default value: 8080

- `--user` | `-u` *(string)*

  - User name for authenticating connections to the CA7 API service that is running on the mainframe system.

    Default value: MASTER

- `--password` | `--pass` | `--pw` *(string)*

  - Password for authenticating connections to the CA7 API service that is running on the mainframe system.

    Default value:

- `--base-path` | `--bp` *(string)*

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` | `-o` *(string)*

  - Specifies protocol to use for CA7 connection (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--ca7-profile` | `--ca7-p` *(string)*

  - The name of a (ca7) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Demand and hold a long job, payrollSW123 to CA 7:

    - `zowe ca7 demandh jobl payrollSW123`

zowe › ca7 › jobstatus

Retrieve job status information from CA 7.

zowe › ca7 › jobstatus › jobnumber

Indicates the individual job to retrieve, and the value must be a CA 7 job number.

Usage

zowe ca7 jobstatus jobnumber <jobnumber> [options]

Positional Arguments

- `jobnumber` *(string)*

    - jobnumber=0016

        Defines the name of the job to retrieve.
        Indicates the individual job to retrieve, and the value must be a CA 7 job number.

Options

- `--jobname` | `--jn` *(string)*

    - The job name must be 1 to 8 alphanumeric characters

- `--database` | `--db` *(string)*

    - The CA 7 database name

CA7 Connection Options

- `--host` | `-H` *(string)*

    - Host name of the CA7 API service that is running on the mainframe system.

        Default value: localhost

- `--port` | `-P` *(number)*

    - Port for the CA7 API service that is running on the mainframe system.

Default value: 8080

- `--user` | `-u` *(string)*

  - User name for authenticating connections to the CA7 API service that is running on the mainframe system.

    Default value: MASTER

- `--password` | `--pass` | `--pw` *(string)*

  - Password for authenticating connections to the CA7 API service that is running on the mainframe system.

    Default value:

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` | `-o` *(string)*

  - Specifies protocol to use for CA7 connection (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--ca7-profile` | `--ca7-p` *(string)*

  - The name of a (ca7) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Get the status of jobnumber 0016 from CA 7:

  - `zowe ca7 jobstatus jobnumber 0016`

zowe › ca7 › release

Release a single job to CA 7.

zowe › ca7 › release › jobnumber

Indicates the individual job to release, and the value must be a CA 7 job number.

Usage

zowe ca7 release jobnumber [jobnumber] [options]

Positional Arguments

- `jobnumber` *(string)*

  - jobnumber=0016

    Defines the name of the job number to release.
    Indicates the individual job to release. JOB is required to release a specific job. Omit JOB when JOBL or Q is specified.

Options

- `-q` *(string)*

    - Q={REQ|RDY}

        Indicates to release the contents of an entire queue. Omit Q when JOB or JOBL is specified.

        REQ
        Release the contents of the request queue.

        RDY
        Release the contents of the ready queue.

CA7 Connection Options

- `--host` | `-H` *(string)*

    - Host name of the CA7 API service that is running on the mainframe system.

        Default value: localhost

- `--port` | `-P` *(number)*

    - Port for the CA7 API service that is running on the mainframe system.

        Default value: 8080

- `--user` | `-u` *(string)*

    - User name for authenticating connections to the CA7 API service that is running on the mainframe system.

        Default value: MASTER

- `--password` | `--pass` | `--pw` *(string)*

    - Password for authenticating connections to the CA7 API service that is running on the mainframe system.

        Default value:

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you

are not using an API mediation layer.

- `--protocol` | `-o` *(string)*

  - Specifies protocol to use for CA7 connection (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--ca7-profile` | `--ca7-p` *(string)*

  - The name of a (ca7) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Release job number, 0016 from CA 7:

- `zowe ca7 release jobnumber 0016`

zowe › ca7 › restart

Restart a single job to CA 7.

zowe › ca7 › restart › jobnumber

Indicates the individual job to Restart, and the value must be a CA 7 job number.

Usage

zowe ca7 restart jobnumber <jobnumber> [options]

Positional Arguments

- `jobnumber` *(string)*

  - jobnumber=0016

    Defines the name of the job to Restart.
    Indicates the individual job to Restart, and the value must be a CA 7 job number.

Options

- `--bypgdg` | `--bp` *(string)*

  - bypgdg={NO|YES|VER|CAT}

    Indicates whether CA Workload Automation Restart Option for z/OS Schedulers
    bypasses GDG logic on a restart/rerun.
    Value can be NO, YES, VER, or CAT.

    Default: CA Workload Automation Restart Option for z/OS Schedulers default value

- `--condcd` | `--cc` *(string)*

  - condcd=nnnn

    Indicates an optional CA Workload Automation Restart Option for z/OS Schedulers
    condition code
    that the CA Workload Automation Restart Option for z/OS Schedulers step sets when the
    rerun is executed.

This option is honored only if CA Workload Automation Restart Option for z/OS Schedulers is in use
and CA Workload Automation CA 7® Edition is inserting the RMS step.
See the INSERT-RMS field on the DB.1 panel.

Limits: 1 to 4 numeric characters from 0 to 4095

- `--forcecomp` | `--fc` *(string)*

  - forcecomp={NO|YES}

    Indicates whether to flag the job as a normal completion.
    If FORCECOMP=YES, the previous abnormal status of the job is ignored.

    Normal job completion processing is performed instead of a restart.
    Value can be NO or YES. NO is the default.

- `--lcc` *(string)*

  - lc=nnnn

    Indicates an optional condition code value that replaces the last
    condition code value for the step that the LSTP references and, optionally, LPSTP
    keywords.

    This option is honored only if CA Workload Automation Restart Option for z/OS Schedulers is in use.

    Default: 0
    Limits: 1 to 4 numeric characters from 0 to 4095

- `--lstp` *(string)*

  - lstp=stepname

    Indicates an optional step name that has its last condition code value reset in the
    CA Workload Automation Restart Option for z/OS Schedulers CMT.

    Code LSTP and LCC when LPSTP is specified.
    LSTP requires that an STPSTRT value is specified and that the LSTP step name occurs
    in the JCL of the job before the STPSTRT step name.

    This option is honored only when CA Workload Automation Restart Option for z/OS Schedulers is in use.

    Limits: 1 to 8 alphanumeric characters

- `--procstrt` | `--ps` *(string)*

    - procstrt=procname

      Indicates an optional step name referencing a procedure where processing is to start.
      If PROCESS=R and PROCSTRT are used, also code STPSTRT.

      This option is honored only if CA Workload Automation Restart Option for z/OS
      Schedulers is in use.

      Limits: 1 to 8 alphanumeric characters

- `--procend` | `--pn` *(string)*

    - procend=procname

      Indicates an optional step name referencing a procedure where processing is to end.

      If PROCESS=R and PROCEND are used, code STPEND.
      This option is honored only if CA Workload Automation Restart Option for z/OS
      Schedulers is in use.

      Limits: 1 to 8 alphanumeric characters

- `--process` | `-p` *(string)*

    - process=code

      Indicates an optional CA Workload Automation Restart Option for z/OS Schedulers
      processing function code character to use in the restart/rerun.

      This option is honored only if CA Workload Automation Restart Option for z/OS
      Schedulers is in use
      and CA WA CA 7 Edition is inserting the RMS step.

      See the INSERT-RMS field on the DB.1 panel. Value can be F, P, S, N, O, or R.

      Default: P
      Limits: 1 alphabetic character

- `--reason` | `-r` *(string)*

    - reason=text

      Specifies a reason for the restart.
      If the CA Workload Automation Restart Option for z/OS Schedulers Reason-for-Rerun

module is available,
a code of up to four characters can be input and it is expanded.

Any reason input or expanded is copied to the run log.

This field is optional unless CA Workload Automation Restart Option for z/OS Schedulers requires a reason or
REASON=YES was specified in the RESTART statement in the initialization file.

Limits: 1 to 40 alphanumeric characters

- `--stpend` | `--sn` *(string)*

  - stpend=stepname

    Indicates an optional step name or number at which processing is to end.
    If not specified, the last step of the job is assumed to be the ending step.

    Code STPEND when PROCEND is specified.
    This option is honored only if CA Workload Automation Restart Option for z/OS Schedulers is in use.

    Limits: 1 to 8 alphanumeric characters

- `--stpstrt` | `--st` *(string)*

  - stpstrt={stepname|*CMT*|*RERUN*|*RESUBP*}

    Indicates an optional step name or number at which processing is to start.
    If STPSTRT is not coded, the first step of the job is assigned to be the starting step.

    Code STPSTRT when PROCSTRT is specified. This option is honored only if CA Workload Automation Restart Option for z/OS Schedulers is in use.
    It can be one of

    stepname
    Specifies the step name or number at which processing is to start.

    CMT
    Indicates that the job is to restart with the step values currently on the CMT record.

    RERUN
    Indicates to rerun t the total job. If there are no restartable steps, specify RERUN.

    RESUBP
    Indicates that the CMT record of the job is set to production, and then the job is

submitted.

- `--sup11stp` *(string)*

  - sup11stp={NO|YES}

    Indicates whether to suppress the insertion of the CA Workload Automation Restart Option for z/OS Schedulers RMS step.

    If the job is resubmitted with SUP11STP=YES, the CA Workload Automation Restart Option for z/OS Schedulers step is not inserted.

    Only valid if CA WA CA 7 Edition is inserting the CA Workload Automation Restart Option for z/OS Schedulers step.

    See the INSERT-RMS field on the DB.1 panel.
    Value can be NO or YES. NO is the default.

- `--usage` *(string)*

  - usage=code

    Indicates an optional CA Workload Automation Restart Option for z/OS Schedulers usage code of the character to use in the restart/rerun.

    For the values, see the CA Workload Automation Restart Option for z/OS Schedulers documentation.

    This option is honored only if CA Workload Automation Restart Option for z/OS Schedulers is in use and
    CA WA CA 7 Edition is inserting the RMS step.

    See the INSERT-RMS field on the DB.1 panel.
    Limits: 1 alphanumeric character

CA7 Connection Options

- `--host` | `-H` *(string)*

  - Host name of the CA7 API service that is running on the mainframe system.

    Default value: localhost

- `--port` | `-P` *(number)*

  - Port for the CA7 API service that is running on the mainframe system.

Default value: 8080

- `--user` | `-u` *(string)*

  - User name for authenticating connections to the CA7 API service that is running on the mainframe system.

    Default value: MASTER

- `--password` | `--pass` | `--pw` *(string)*

  - Password for authenticating connections to the CA7 API service that is running on the mainframe system.

    Default value:

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` | `-o` *(string)*

  - Specifies protocol to use for CA7 connection (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--ca7-profile` | `--ca7-p` *(string)*

  - The name of a (ca7) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Restart jobnumber, 0016 from CA 7:

    - `zowe ca7 restart jobnumber 0016`

zowe › ca7 › run

Run a single job to CA 7.

zowe › ca7 › run › job

The value must be a job name.
If the job has not been defined in the database, this name must also match the member name for the JCL unless the job is defined in the database.
this name must also match the member name for the JCL unless the job is defined in the database.
See also JCLID. JOB and JOBL are mutually exclusive.

Usage

zowe ca7 run job <job> [options]

Positional Arguments

- `job` *(string)*

    - job=PAYROLL

Defines the long name of the job to run.
The ran jobs are placed in the request queue and assigned a unique CA 7 job number.

Options

- `--arfset` | `--as` *(string)*

  - arfset={arfsetname|**NONE**}

    Defines the ARF set name that is used for this run of the job.
    If you specify **NONE**, no ARF processing is performed for this run of the job.

    Limits: 1 to 8 alphanumeric characters or **NONE**

- `--wlbclass` | `--wc` *(string)*

  - class=x

    Defines the workload balancing class for resource checking.

    Limits: 1 alphanumeric character

- `--dotm` *(string)*

  - dotm=hhmm

    Defines the due-out time-of-day for the job in hours (hh) and minutes (mm).
    If DOTM is specified on the DEMAND/DEMANDH command and the value that is given
    is earlier than the current time, the due-out day is assumed to be the following day.

    If DOTM and LEADTM are both omitted, then deadline start time is assumed to be the
    current time plus the LEADTM.

    Limits: hh= 1 through 2 numeric characters from 0 to 24
    mm= 2 numeric characters from 00 to 59

    Required: No (unless DATE is used, if so, DOTM or TIME must be specified)

- `--exec` | `-e` *(string)*

  - exec={NO|YES}

    Specifies whether to execute the job (YES/NO).
    If NO (N) is used, the job does not run but shows a normal completion as if it did run. The
    value that is specified here overrides the value that is coded on the job definition EXEC
    field.

Default: The job definition panel EXEC value if the job is defined to CA WA CA 7 Edition; otherwise YES.

- `--inboxnod` | `--ibn` *(string)*

  - inboxnod=MYWEBNODThe Web Service node where events associated with the job are to be delivered.

    Limits: 1 to 8 alphanumeric characters

- `--jclid` | `--ji` *(string)*

  - jclid=nnn

    Defines the JCL data set that contains the execution JCL to be submitted.

    If used, the value must be a numeric INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

    Limits: 1 to 3 numeric characters from 0 through 254 and from 256 through 999. 255 is reserved.

- `--jcllib` | `--jl` *(string)*

  - jcllib=&x...x

    Defines the JCL data set that contains the execution JCL to be submitted.

    If used, the value must be a symbolic INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

    Limits: 2 to 16 alphanumeric characters beginning with ampersand (&)

- `--late` *(string)*

  - late={NO|YES}

    Specifies whether a notification occurs when the job becomes late.
    Specify YES (Y) to make the job eligible to be marked LATE. If NO (N) is used, the job is never marked LATE. The value that is specified here overrides the value that is coded on the job definition PROMPTS field.

- `--leadtm` | `--lt` *(string)*

  - leadtm={0100|hhmm}

Defines the amount of elapsed time that is required to process the job.

Default: 1 hour

Limits: hh= 1 through 2 numeric characters from 0 to 24

mm= 2 numeric characters from 00 to 59

- `--mainid` | `--mi` *(string)*

  - mainid={ALL|SYn|/SYn|-SYn}

    Specifies the MAINID, as defined in the initialization file CPU statement, to which you want to redirect the job.

    ALL
    Specifies all CPUs are acceptable for executing the job.

    SYn
    n defines the CPU to which the job is being redirected. The value of n can range from 1 to 7.

    /SYn
    n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

    -SYn
    n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

    Limits: Invalid for internal cross-platform jobs.

- `--rms` *(string)*

  - rms={NO|YES}

    Specifies whether CA WA CA 7 Edition inserts the CA Workload Automation Restart Option for z/OS Schedulers RMS step.

    Specify YES (Y) to insert the step with the CA Workload Automation Restart Option for z/OS Schedulers processing code of P. Enter NO (N) to indicate do not insert of the RMS step.

    Default: The job definition panel INSERT-RMS value if job defined to CA WA CA 7 Edition; otherwise NO.

    Limits: Invalid for internal cross-platform jobs.

- `--schid` | `--si` *(string)*

- ○ schid={1|nnn}

  Defines the schedule ID within the job's total schedule definition to use for this run.

  Default: 1
  Limits: 1 to 3 numeric characters from 1 to 255 (See Note)

  If the SCHEDULE statement in the initialization file specifies SCHID=YES, this parameter is required.

- `--time` *(string)*

  - ○ time={hhmm|+hhmm}

    Defines a submit time-of-day requirement for the job.

    Limits: + is optional
    hh= 1 through 2 numeric characters from 0 to 23
    mm= 2 numeric characters from 00 to 59

    Required: No (unless DATE is used, if so, specify DOTM or TIME (hhmm format). Also required if TYPE=CLOCK is specified.

- `--type` *(string)*

  - ○ type={CLOCK|END|RES|START}

    TYPE=RES specifies the job is being scheduled in restart/rerun status.
    TYPE=CLOCK, START, or END controls how the submit time requirement is calculated for repeating jobs.

    Limits: RES, CLOCK, START, or END

CA7 Connection Options

- `--host` | `-H` *(string)*

  - ○ Host name of the CA7 API service that is running on the mainframe system.

    Default value: localhost

- `--port` | `-P` *(number)*

  - ○ Port for the CA7 API service that is running on the mainframe system.

    Default value: 8080

- `--user` | `-u` *(string)*

    - User name for authenticating connections to the CA7 API service that is running on the mainframe system.

        Default value: MASTER

- `--password` | `--pass` | `--pw` *(string)*

    - Password for authenticating connections to the CA7 API service that is running on the mainframe system.

        Default value:

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` | `-o` *(string)*

    - Specifies protocol to use for CA7 connection (http or https).

        Default value: https
        Allowed values: http, https

Profile Options

- `--ca7-profile` | `--ca7-p` *(string)*

    - The name of a (ca7) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Run a job, PAYROLL to CA 7:

  - `zowe ca7 run job PAYROLL`

zowe › ca7 › run › jobl

The ran jobs are placed in the request queue and assigned a unique CA 7 job number.

Usage

zowe ca7 run jobl <jobl> [options]

Positional Arguments

- `jobl` *(string)*

  - jobl=payrollSW123

    Defines the long name of the job being demanded.
    The ran jobs are placed in the request queue and assigned a unique CA 7 job number.

Options

- `--arfset` | `--as` *(string)*

  - arfset={arfsetname|**NONE**}

    Defines the ARF set name that is used for this run of the job.
    If you specify **NONE**, no ARF processing is performed for this run of the job.

Limits: 1 to 8 alphanumeric characters or **NONE**

- `--wlbclass` | `--wc` *(string)*

    - class=x

    Defines the workload balancing class for resource checking.

    Limits: 1 alphanumeric character

- `--dotm` *(string)*

    - dotm=hhmm

    Defines the due-out time-of-day for the job in hours (hh) and minutes (mm).
    If DOTM is specified on the DEMAND/DEMANDH command and the value that is given
    is earlier than the current time, the due-out day is assumed to be the following day.

    If DOTM and LEADTM are both omitted, then deadline start time is assumed to be the
    current time plus the LEADTM.

    Limits: hh= 1 through 2 numeric characters from 0 to 24
    mm= 2 numeric characters from 00 to 59

    Required: No (unless DATE is used, if so, DOTM or TIME must be specified)

- `--exec` | `-e` *(string)*

    - exec={NO|YES}

    Specifies whether to execute the job (YES/NO).
    If NO (N) is used, the job does not run but shows a normal completion as if it did run. The
    value that is specified here overrides the value that is coded on the job definition EXEC
    field.

    Default: The job definition panel EXEC value if the job is defined to CA WA CA 7 Edition;
    otherwise YES.

- `--inboxnod` | `--ibn` *(string)*

    - inboxnod=MYWEBNODThe Web Service node where events associated with the job are
    to be delivered.

    Limits: 1 to 8 alphanumeric characters

- `--jclid` | `--ji` *(string)*

- jclid=nnn

  Defines the JCL data set that contains the execution JCL to be submitted.

  If used, the value must be a numeric INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

  Limits: 1 to 3 numeric characters from 0 through 254 and from 256 through 999. 255 is reserved.

- `--jcllib` | `--jl` *(string)*

  - jcllib=&x...x

    Defines the JCL data set that contains the execution JCL to be submitted.

    If used, the value must be a symbolic INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

    Limits: 2 to 16 alphanumeric characters beginning with ampersand (&)

- `--late` *(string)*

  - late={NO|YES}

    Specifies whether a notification occurs when the job becomes late.
    Specify YES (Y) to make the job eligible to be marked LATE. If NO (N) is used, the job is never marked LATE. The value that is specified here overrides the value that is coded on the job definition PROMPTS field.

- `--leadtm` | `--lt` *(string)*

  - leadtm={0100|hhmm}

    Defines the amount of elapsed time that is required to process the job.
    Default: 1 hour
    Limits: hh= 1 through 2 numeric characters from 0 to 24
    mm= 2 numeric characters from 00 to 59

- `--mainid` | `--mi` *(string)*

  - mainid={ALL|SYn|/SYn|-SYn}

    Specifies the MAINID, as defined in the initialization file CPU statement, to which you want to redirect the job.

ALL

Specifies all CPUs are acceptable for executing the job.

SYn

n defines the CPU to which the job is being redirected. The value of n can range from 1 to 7.

/SYn

n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

-SYn

n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

Limits: Invalid for internal cross-platform jobs.

- `--rms` *(string)*

  - rms={NO|YES}

    Specifies whether CA WA CA 7 Edition inserts the CA Workload Automation Restart Option for z/OS Schedulers RMS step.

    Specify YES (Y) to insert the step with the CA Workload Automation Restart Option for z/OS Schedulers processing code of P. Enter NO (N) to indicate do not insert of the RMS step.

    Default: The job definition panel INSERT-RMS value if job defined to CA WA CA 7 Edition; otherwise NO.
    Limits: Invalid for internal cross-platform jobs.

- `--schid` | `--si` *(string)*

  - schid={1|nnn}

    Defines the schedule ID within the job's total schedule definition to use for this run.

    Default: 1
    Limits: 1 to 3 numeric characters from 1 to 255 (See Note)

    If the SCHEDULE statement in the initialization file specifies SCHID=YES, this parameter is required.

- `--time` *(string)*

- time={hhmm|+hhmm}

  Defines a submit time-of-day requirement for the job.

  Limits: + is optional
  hh= 1 through 2 numeric characters from 0 to 23
  mm= 2 numeric characters from 00 to 59

  Required: No (unless DATE is used, if so, specify DOTM or TIME (hhmm format). Also required if TYPE=CLOCK is specified.

- `--type` *(string)*

  - type={CLOCK|END|RES|START}

    TYPE=RES specifies the job is being scheduled in restart/rerun status.
    TYPE=CLOCK, START, or END controls how the submit time requirement is calculated for repeating jobs.

    Limits: RES, CLOCK, START, or END

CA7 Connection Options

- `--host` | `-H` *(string)*

  - Host name of the CA7 API service that is running on the mainframe system.

    Default value: localhost

- `--port` | `-P` *(number)*

  - Port for the CA7 API service that is running on the mainframe system.

    Default value: 8080

- `--user` | `-u` *(string)*

  - User name for authenticating connections to the CA7 API service that is running on the mainframe system.

    Default value: MASTER

- `--password` | `--pass` | `--pw` *(string)*

  - Password for authenticating connections to the CA7 API service that is running on the mainframe system.

Default value:

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` | `-o` *(string)*

  - Specifies protocol to use for CA7 connection (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--ca7-profile` | `--ca7-p` *(string)*

  - The name of a (ca7) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

- The file path to a certificate key file to use for authentication

Examples

- Run a long job, payrollSW123 to CA 7:

    - ```
      zowe ca7 run jobl payrollSW123
      ```

zowe › ca7 › runh

Run and hold a single job to CA 7.

zowe › ca7 › runh › job

The ran jobs are placed in the request queue and assigned a unique CA 7 job number.

Usage

zowe ca7 runh job <job> [options]

Positional Arguments

- `job` *(string)*

    - job=PAYROLL

      Defines the name of the job being ran.
      The ran jobs are placed in the request queue and assigned a unique CA 7 job number.

Options

- `--arfset` | `--as` *(string)*

    - arfset={arfsetname|**NONE**}

      Defines the ARF set name that is used for this run of the job.
      If you specify **NONE**, no ARF processing is performed for this run of the job.

      Limits: 1 to 8 alphanumeric characters or **NONE**

- `--wlbclass` | `--wc` *(string)*

    - class=x

      Defines the workload balancing class for resource checking.

Limits: 1 alphanumeric character

- `--dotm` *(string)*

  - dotm=hhmm

    Defines the due-out time-of-day for the job in hours (hh) and minutes (mm).
    If DOTM is specified on the DEMAND/DEMANDH command and the value that is given
    is earlier than the current time, the due-out day is assumed to be the following day.

    If DOTM and LEADTM are both omitted, then deadline start time is assumed to be the
    current time plus the LEADTM.

    Limits: hh= 1 through 2 numeric characters from 0 to 24
    mm= 2 numeric characters from 00 to 59

    Required: No (unless DATE is used, if so, DOTM or TIME must be specified)

- `--exec` | `-e` *(string)*

  - exec={NO|YES}

    Specifies whether to execute the job (YES/NO).
    If NO (N) is used, the job does not run but shows a normal completion as if it did run. The
    value that is specified here overrides the value that is coded on the job definition EXEC
    field.

    Default: The job definition panel EXEC value if the job is defined to CA WA CA 7 Edition;
    otherwise YES.

- `--inboxnod` | `--ibn` *(string)*

  - inboxnod=MYWEBNODThe Web Service node where events associated with the job are
    to be delivered.

    Limits: 1 to 8 alphanumeric characters

- `--jclid` | `--ji` *(string)*

  - jclid=nnn

    Defines the JCL data set that contains the execution JCL to be submitted.

    If used, the value must be a numeric INDEX associated with the wanted JCL data set (on
    the JCL statement in the initialization file).

Limits: 1 to 3 numeric characters from 0 through 254 and from 256 through 999. 255 is reserved.

- `--jcllib` | `--jl` *(string)*

  - jcllib=&x...x

    Defines the JCL data set that contains the execution JCL to be submitted.

    If used, the value must be a symbolic INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

    Limits: 2 to 16 alphanumeric characters beginning with ampersand (&)

- `--late` *(string)*

  - late={NO|YES}

    Specifies whether a notification occurs when the job becomes late.
    Specify YES (Y) to make the job eligible to be marked LATE. If NO (N) is used, the job is never marked LATE. The value that is specified here overrides the value that is coded on the job definition PROMPTS field.

- `--leadtm` | `--lt` *(string)*

  - leadtm={0100|hhmm}

    Defines the amount of elapsed time that is required to process the job.
    Default: 1 hour
    Limits: hh= 1 through 2 numeric characters from 0 to 24
    mm= 2 numeric characters from 00 to 59

- `--mainid` | `--mi` *(string)*

  - mainid={ALL|SYn|/SYn|-SYn}

    Specifies the MAINID, as defined in the initialization file CPU statement, to which you want to redirect the job.

    ALL
    Specifies all CPUs are acceptable for executing the job.

    SYn
    n defines the CPU to which the job is being redirected. The value of n can range from 1 to 7.

/SYn

n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

-SYn

n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

Limits: Invalid for internal cross-platform jobs.

- `--rms` *(string)*

  - rms={NO|YES}

    Specifies whether CA WA CA 7 Edition inserts the CA Workload Automation Restart Option for z/OS Schedulers RMS step.

    Specify YES (Y) to insert the step with the CA Workload Automation Restart Option for z/OS Schedulers processing code of P. Enter NO (N) to indicate do not insert of the RMS step.

    Default: The job definition panel INSERT-RMS value if job defined to CA WA CA 7 Edition; otherwise NO.
    Limits: Invalid for internal cross-platform jobs.

- `--schid` | `--si` *(string)*

  - schid={1|nnn}

    Defines the schedule ID within the job's total schedule definition to use for this run.

    Default: 1
    Limits: 1 to 3 numeric characters from 1 to 255 (See Note)

    If the SCHEDULE statement in the initialization file specifies SCHID=YES, this parameter is required.

- `--time` *(string)*

  - time={hhmm|+hhmm}

    Defines a submit time-of-day requirement for the job.

    Limits: + is optional
    hh= 1 through 2 numeric characters from 0 to 23
    mm= 2 numeric characters from 00 to 59

Required: No (unless DATE is used, if so, specify DOTM or TIME (hhmm format). Also required if TYPE=CLOCK is specified.

- `--type` *(string)*

  - type={CLOCK|END|RES|START}

    TYPE=RES specifies the job is being scheduled in restart/rerun status.
    TYPE=CLOCK, START, or END controls how the submit time requirement is calculated for repeating jobs.

    Limits: RES, CLOCK, START, or END

CA7 Connection Options

- `--host` | `-H` *(string)*

  - Host name of the CA7 API service that is running on the mainframe system.

    Default value: localhost

- `--port` | `-P` *(number)*

  - Port for the CA7 API service that is running on the mainframe system.

    Default value: 8080

- `--user` | `-u` *(string)*

  - User name for authenticating connections to the CA7 API service that is running on the mainframe system.

    Default value: MASTER

- `--password` | `--pass` | `--pw` *(string)*

  - Password for authenticating connections to the CA7 API service that is running on the mainframe system.

    Default value:

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` | `-o` *(string)*

  - Specifies protocol to use for CA7 connection (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--ca7-profile` | `--ca7-p` *(string)*

  - The name of a (ca7) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Run and hold a job, PAYROLL to CA 7:

  - `zowe ca7 runh job PAYROLL`

zowe › ca7 › runh › jobl

The ran jobs are placed in the request queue and assigned a unique CA 7 job number.

Usage

zowe ca7 runh jobl <jobl> [options]

Positional Arguments

- `jobl` *(string)*

  - jobl=payrollSW123

    Defines the long name of the job being ran.
    The ran jobs are placed in the request queue and assigned a unique CA 7 job number.

Options

- `--arfset` | `--as` *(string)*

  - arfset={arfsetname|**NONE**}

    Defines the ARF set name that is used for this run of the job.
    If you specify **NONE**, no ARF processing is performed for this run of the job.

    Limits: 1 to 8 alphanumeric characters or **NONE**

- `--wlbclass` | `--wc` *(string)*

  - class=x

    Defines the workload balancing class for resource checking.

    Limits: 1 alphanumeric character

- `--dotm` *(string)*

  - dotm=hhmm

    Defines the due-out time-of-day for the job in hours (hh) and minutes (mm).
    If DOTM is specified on the DEMAND/DEMANDH command and the value that is given
    is earlier than the current time, the due-out day is assumed to be the following day.

    If DOTM and LEADTM are both omitted, then deadline start time is assumed to be the
    current time plus the LEADTM.

Limits: hh= 1 through 2 numeric characters from 0 to 24
mm= 2 numeric characters from 00 to 59

Required: No (unless DATE is used, if so, DOTM or TIME must be specified)

- `--exec` | `-e` *(string)*

  - exec={NO|YES}

    Specifies whether to execute the job (YES/NO).
    If NO (N) is used, the job does not run but shows a normal completion as if it did run. The value that is specified here overrides the value that is coded on the job definition EXEC field.

    Default: The job definition panel EXEC value if the job is defined to CA WA CA 7 Edition; otherwise YES.

- `--inboxnod` | `--ibn` *(string)*

  - inboxnod=MYWEBNODThe Web Service node where events associated with the job are to be delivered.

    Limits: 1 to 8 alphanumeric characters

- `--jclid` | `--ji` *(string)*

  - jclid=nnn

    Defines the JCL data set that contains the execution JCL to be submitted.

    If used, the value must be a numeric INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

    Limits: 1 to 3 numeric characters from 0 through 254 and from 256 through 999. 255 is reserved.

- `--jcllib` | `--jl` *(string)*

  - jcllib=&x...x

    Defines the JCL data set that contains the execution JCL to be submitted.

    If used, the value must be a symbolic INDEX associated with the wanted JCL data set (on the JCL statement in the initialization file).

    Limits: 2 to 16 alphanumeric characters beginning with ampersand (&)

- `--late` *(string)*

  - late={NO|YES}

    Specifies whether a notification occurs when the job becomes late.
    Specify YES (Y) to make the job eligible to be marked LATE. If NO (N) is used, the job is never marked LATE. The value that is specified here overrides the value that is coded on the job definition PROMPTS field.

- `--leadtm` | `--lt` *(string)*

  - leadtm={0100|hhmm}

    Defines the amount of elapsed time that is required to process the job.
    Default: 1 hour
    Limits: hh= 1 through 2 numeric characters from 0 to 24
    mm= 2 numeric characters from 00 to 59

- `--mainid` | `--mi` *(string)*

  - mainid={ALL|SYn|/SYn|-SYn}

    Specifies the MAINID, as defined in the initialization file CPU statement, to which you want to redirect the job.

    ALL
    Specifies all CPUs are acceptable for executing the job.

    SYn
    n defines the CPU to which the job is being redirected. The value of n can range from 1 to 7.

    /SYn
    n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

    -SYn
    n defines a CPU to which the job cannot be submitted. The value of n can range from 1 to 7.

    Limits: Invalid for internal cross-platform jobs.

- `--rms` *(string)*

  - rms={NO|YES}

Specifies whether CA WA CA 7 Edition inserts the CA Workload Automation Restart Option for z/OS Schedulers RMS step.

Specify YES (Y) to insert the step with the CA Workload Automation Restart Option for z/OS Schedulers processing code of P. Enter NO (N) to indicate do not insert of the RMS step.

Default: The job definition panel INSERT-RMS value if job defined to CA WA CA 7 Edition; otherwise NO.
Limits: Invalid for internal cross-platform jobs.

- `--schid` | `--si` *(string)*

  - schid={1|nnn}

    Defines the schedule ID within the job's total schedule definition to use for this run.

    Default: 1
    Limits: 1 to 3 numeric characters from 1 to 255 (See Note)

    If the SCHEDULE statement in the initialization file specifies SCHID=YES, this parameter is required.

- `--time` *(string)*

  - time={hhmm|+hhmm}

    Defines a submit time-of-day requirement for the job.

    Limits: + is optional
    hh= 1 through 2 numeric characters from 0 to 23
    mm= 2 numeric characters from 00 to 59

    Required: No (unless DATE is used, if so, specify DOTM or TIME (hhmm format). Also required if TYPE=CLOCK is specified.

- `--type` *(string)*

  - type={CLOCK|END|RES|START}

    TYPE=RES specifies the job is being scheduled in restart/rerun status.
    TYPE=CLOCK, START, or END controls how the submit time requirement is calculated for repeating jobs.

    Limits: RES, CLOCK, START, or END

CA7 Connection Options

- `--host` | `-H` *(string)*

    - Host name of the CA7 API service that is running on the mainframe system.

      Default value: localhost

- `--port` | `-P` *(number)*

    - Port for the CA7 API service that is running on the mainframe system.

      Default value: 8080

- `--user` | `-u` *(string)*

    - User name for authenticating connections to the CA7 API service that is running on the mainframe system.

      Default value: MASTER

- `--password` | `--pass` | `--pw` *(string)*

    - Password for authenticating connections to the CA7 API service that is running on the mainframe system.

      Default value:

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` | `-o` *(string)*

    - Specifies protocol to use for CA7 connection (http or https).

      Default value: https
      Allowed values: http, https

Profile Options

- `--ca7-profile` | `--ca7-p` *(string)*

    - The name of a (ca7) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Run and hold a long job, payrollSW123 to CA 7:

  - `zowe ca7 runh jobl payrollSW123`

zowe › caspool

Interact with CA Spool™

zowe › caspool › issue

Issue CA Spool commands.

zowe › caspool › issue › command

Issue commands to work with CA Spool.

Usage

zowe caspool issue command <commandText> [options]

Positional Arguments

- `commandText` *(string)*

    - The CA Spool command to issue.

CA SPOOL OPTIONS

- `--account` | `-a` *(string)*

    - z/OS TSO/E accounting information.

- `--spoolhlq` | `--hlq` *(string)*

    - High level qualifier of CA Spool installation.

- `--subsys` | `--sub` *(string)*

    - CA Spool subsystem name.

        Default value: ESF

- `--outds` | `--out` *(string)*

    - The SYSTSPRT data set allocated by CAI.CBQ4JCL(BQ4JZOWE). It must be unique for
      each Zowe CLI user interacting with CA Spool.

- `--clist` | `--cl` *(string)*

- The data set containing ESFZOWE REXX exec.

Zosmf Connection Options

- `--host` | `-H` *(string)*

    - The z/OSMF server host name.

- `--port` | `-P` *(number)*

    - The z/OSMF server port.

      Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

      Default value: true

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

    - The protocol used (HTTP or HTTPS)

      Default value: https
      Allowed values: http, https

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Profile Options

- `--caspool-profile` | `--caspool-p` *(string)*

    - The name of a (caspool) profile to load for this command execution.

- `--zosmf-profile` | `--zosmf-p` *(string)*

    - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

Examples

- Issue the CA Spool command 'DS' to display the status of the ESF system:

    - `zowe caspool issue command "DS"`

zowe › caview

Access CA View data and perform related tasks.

zowe › caview › download

Download CA View report data to local folder.

zowe › caview › download › report

Download report data.
Optionally convert text report to PDF.

Usage

zowe caview download report <repositoryId> <reportHandle> [fileTarget] [options]

Positional Arguments

- `repositoryId` *(number)*

    - Repository identifier.

- `reportHandle` *(string)*

    - Report handle.

- `fileTarget` *(string)*

    - Local file path.
      If the path represents a directory location, the report will be downloaded into that directory using a default file name.
      If the path does not represent a directory location, the report will be downloaded into the specified path.
      If the path is not specified, the file will be saved to the current working directory using the default file name.
      Any missing directories will be created. If the target file already exists, the file will be overwritten.

Options

- `--convert-to-pdf` | `--to-pdf` *(boolean)*

- Converts text report to PDF.

  Default value: false

- `--page-orientation` | `--orientation` *(string)*

  - Page orientation for converted PDF.

    Default value: PORTRAIT
    Allowed values: ^PORTRAIT$, ^LANDSCAPE$

- `--font-size` | `--font` *(number)*

  - Font size for converted PDF.

    Default value: 12

- `--green-bar` *(boolean)*

  - Include green-bar background in converted PDF.

    Default value: false

- `--pages` *(string)*

  - Include the specified page numbers (or page ranges). Separate page numbers (or page ranges) with commas.
    Separate boundaries of a page range with a dash (-). If you do not specify this option, all the pages of the report are downloaded.

    Allowed values: ^(\d+(-\d+)?)(,(\d+(-\d+)?))*$

- `--content-filter` | `--filter` *(string)*

  - Filter text report content using a permanent filter definition.
    If the product instance does not support this feature, this option is ignored.

Profile Options

- `--caview-profile` | `--caview-p` *(string)*

  - The name of a (caview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › caview › export

Export CA View text report file to local folder.

zowe › caview › export › report

Export text report to spreadsheet using a predefined export rule.

Usage

zowe caview export report <repositoryId> <reportHandle> <ruleId> [fileTarget] [options]

Positional Arguments

- `repositoryId` *(number)*

    - Repository identifier.

- `reportHandle` *(string)*

    - Report handle.

- `ruleId` *(number)*

    - Export rule identifier.

- `fileTarget` *(string)*

    - Local file path.
      If the path represents a directory location, the report will be exported into that directory using a default file name.
      If the path does not represent a directory location, the report will be exported into the specified path.
      If the path is not specified, the file will be saved to the current working directory using the default file name.
      Any missing directories will be created. If the target file already exists, the file will be overwritten.

Options

- `--pages` *(string)*

    - Include the specified page numbers (or page ranges). Separate page numbers (or page ranges) with commas.
      Separate boundaries of a page range with a dash (-). If you do not specify this option, all the pages of the report are exported.

      Allowed values: ^(\d+(-\d+)?)(,(\d+(-\d+)?))*$

Profile Options

- `--caview-profile` | `--caview-p` *(string)*

  - The name of a (caview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › caview › get

Get information from CA View repository.

zowe › caview › get › user

Get user information from repository.

zowe › caview › get › user › settings

Get current user settings from repository.

Usage

zowe caview get user settings <repositoryId> [options]

Positional Arguments

- `repositoryId` *(number)*

  - Repository identifier.

Options

- `--output-format` | `--output` *(string)*

  - Output format. This option is ignored if '--response-format-json' is specified.

    Default value: tabular
    Allowed values: ^tabular$, ^csv$, ^json$, ^xml$

- `--output-header` | `--header` *(boolean)*

  - Include header with field names in the output when you specify 'tabular' or 'csv' for the output format.
    This option is ignored when you specify any other output format.

    Default value: true

- `--output-field` | `-f` *(array)*

  - Field to include in the output. Multiple fields can be specified.
    Fields appear in the order you specify.

Allowed values:
Mode,DistId,ModeAccess,DistMask,Banner,Language,MasterAuthority,Printer,UserId

Default value: Mode,DistId,ModeAccess,DistMask

Profile Options

- `--caview-profile` | `--caview-p` *(string)*

  - The name of a (caview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

zowe › caview › list

List CA View repository, report, and user information.

zowe › caview › list › export-rules

List export rules defined for a report.
Use the returned 'Identifier' in the 'export report' command to reference that rule.

Usage

zowe caview list export-rules <reportId> [options]

Positional Arguments

- `reportId` *(string)*

    - Report ID (Name).

Options

- `--output-format` | `--output` *(string)*

    - Output format. This option is ignored if '--response-format-json' is specified.

        Default value: tabular
        Allowed values: ^tabular$, ^csv$, ^json$, ^xml$

- `--output-header` | `--header` *(boolean)*

    - Include header with field names in the output when you specify 'tabular' or 'csv' for the output format.
      This option is ignored when you specify any other output format.

        Default value: true

- `--output-field` | `-f` *(array)*

- Field to include in the output. Multiple fields can be specified. Fields appear in the order you specify.

  Allowed values: Identifier,Name,Description,Owner,Public

  Default value: Identifier,Name,Description

Profile Options

- `--caview-profile` | `--caview-p` *(string)*

  - The name of a (caview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

- The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › caview › list › report

List information about a specific report.

zowe › caview › list › report › index-names

List indexes for a a specific report.
Use the returned 'IndexNameHandle' to reference a report index.
Use the returned 'IndexNameHandle' in the 'list report index-values' command to retrieve the list of associated index values for that index.

Usage

zowe caview list report index-names <repositoryId> <reportHandle> [options]

Positional Arguments

- `repositoryId` *(number)*

  - Repository identifier.

- `reportHandle` *(string)*

  - Report handle.

Options

- `--filter-names` | `--names` *(string)*

  - Filter (include) based on index name. Separate multiple index names with commas. Use the asterisk (*) as a wildcard to represent any number of characters.

    Default value: *,*,*,*,*,*,*

- `--output-format` | `--output` *(string)*

- Output format. This option is ignored if '--response-format-json' is specified.

  Default value: tabular
  Allowed values: ^tabular$, ^csv$, ^json$, ^xml$

- `--output-header` | `--header` *(boolean)*

  - Include header with field names in the output when you specify 'tabular' or 'csv' for the output format.
    This option is ignored when you specify any other output format.

    Default value: true

- `--output-field` | `-f` *(array)*

  - Field to include in the output. Multiple fields can be specified.
    Fields appear in the order you specify.

    Allowed values: Index,SubIndexNames,IndexNameHandle

    Default value: Index,SubIndexNames,IndexNameHandle

Profile Options

- `--caview-profile` | `--caview-p` *(string)*

  - The name of a (caview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

- Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

zowe › caview › list › report › index-values

List index values for a report index.
Use the returned 'ReportHandle' to reference an index value in other commands.
For example, use 'ReportHandle' in the 'download report' command to download that corresponding view of the report.

Usage

zowe caview list report index-values <repositoryId> <reportHandle> <indexNameHandle> [options]

Positional Arguments

- `repositoryId` *(number)*

    - Repository identifier.

- `reportHandle` *(string)*

    - Report handle.

- `indexNameHandle` *(string)*

    - Index name handle.

Options

- `--filter-values` | `--values` *(string)*

    - Filter (include) based on index values. Separate index values with commas. Use the asterisk (*) as a wildcard to represent any number of characters.

        Default value: *,*,*,*,*,*,*,*

- `--output-format` | `--output` *(string)*

    - Output format. This option is ignored if '--response-format-json' is specified.

        Default value: tabular
        Allowed values: ^tabular$, ^csv$, ^json$, ^xml$

- `--output-header` | `--header` *(boolean)*

    - Include header with field names in the output when you specify 'tabular' or 'csv' for the output format.
    This option is ignored when you specify any other output format.

        Default value: true

- `--output-field` | `-f` *(array)*

    - Field to include in the output. Multiple fields can be specified.
    Fields appear in the order you specify.

        Allowed values: Value,SubValues,ReportHandle

        Default value: Value,SubValues,ReportHandle

Profile Options

- `--caview-profile` | `--caview-p` *(string)*

    - The name of a (caview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › caview › list › report › logical-views

List logical views available for a specific report.
Use the returned 'ReportHandle' to reference a logical view in other commands.
For example, use 'ReportHandle' in the 'download report' command to download the logical view of that report.

Use the returned 'IndexNameHandle' in the 'list report index-values' command to retrieve the list of associated index values (if defined) for that index.

Usage

zowe caview list report logical-views <repositoryId> <reportHandle> [options]

Positional Arguments

- `repositoryId` *(number)*

  - Repository identifier.

- `reportHandle` *(string)*

  - Report handle.

Options

- `--output-format` | `--output` *(string)*

  - Output format. This option is ignored if '--response-format-json' is specified.

    Default value: tabular
    Allowed values: ^tabular$, ^csv$, ^json$, ^xml$

- `--output-header` | `--header` *(boolean)*

  - Include header with field names in the output when you specify 'tabular' or 'csv' for the output format.
    This option is ignored when you specify any other output format.

    Default value: true

- `--output-field` | `-f` *(array)*

  - Field to include in the output. Multiple fields can be specified.
    Fields appear in the order you specify.

    Allowed values:
    Description,Index,SubIndexNames,ReportHandle,IndexNameHandle,Number,ViewId,Default

    Default value: Description,Index,SubIndexNames,ReportHandle,IndexNameHandle

Profile Options

- `--caview-profile` | `--caview-p` *(string)*

    - The name of a (caview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

zowe › caview › list › reports

List reports in a repository.
Use the returned 'ReportHandle' to reference a report in other commands.
For example, use the 'ReportHandle' in the 'download report' command to download that report.

Usage

zowe caview list reports <repositoryId> [options]

Positional Arguments

- `repositoryId` *(number)*

  - Repository identifier.

Options

- `--filter-name` | `-n` *(string)*

  - Filter (include) based on report name. Use the asterisk (*) as a wildcard to represent any number of characters.

    Default value: *

- `--limit` | `-l` *(number)*

  - Limit (maximum number) of retrieved records.

    Default value: 1000

- `--latest-versions` | `--latest-version` | `--lv` *(number)*

  - Number of latest versions (of reports) to include. If not specified, all versions of reports are included.

    Default value: 0

- `--archival-since` | `--since` | `--archival-from` | `--from` *(string)*

  - Date of earliest archived reports to include based on archival date. Specify a value in the ISO-8601 format.

- `--archival-until` | `--until` | `--archival-to` | `--to` *(string)*

  - Date of latest archived reports to include based on archival date. Specify a value in the ISO-8601 format.

- `--output-header` | `--header` *(boolean)*

    - Include header with field names in the output when you specify 'tabular' or 'csv' for the output format.
      This option is ignored when you specify any other output format.

      Default value: true

- `--output-format` | `--output` *(string)*

    - Output format. This option is ignored if '--response-format-json' is specified.

      Default value: tabular
      Allowed values: ^tabular$, ^csv$, ^json$, ^xml$

- `--output-field` | `-f` *(array)*

    - Field to include in the output. Multiple fields can be specified.
      Fields appear in the order you specify.

      Allowed values:
      ReportName,Lines,Pages,Type,ArchivalDate,Description,UserComments,ReportHandle,
      TotalPages,OriginalType,Destination,JobName,Origin,Generation,SequenceNumber,Sys
      outClass,Status,JobID,Forms,XCode,UserID,ReadDate,PrintDate,OnDisk,OnTape,OnOp
      tical,IndexOnDisk,Location,TapeSequence,TapePosition,TapeCount,ExtendedRetentionO
      ptionID,RemainingDays,RemainingGenerations,RemainingCopy,RemainingDiskDays,Re
      mainingDiskGeneration,RemainingDiskCopy,RemainingDisk2days

      Default value:
      ReportName,Lines,Pages,Type,ArchivalDate,Description,UserComments,ReportHandle

Profile Options

- `--caview-profile` | `--caview-p` *(string)*

    - The name of a (caview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › caview › list › repositories

List repositories.
Use the returned 'Identifier' to reference a repository in other commands.
For example, use the 'Identifier' in the list reports' command to list reports in that repository.

Usage

zowe caview list repositories [options]

Options

- `--filter-name` | `-n` *(string)*

  - Filter (include) based on repository name. Use the percent sign (%) as a wildcard to represent a single character. Use the asterisk (*) as a wildcard to represent any number of characters.

- `--filter-path` | `-p` *(string)*

  - Filter (include) based on repository path. Use the percent sign (%) as a wildcard to represent a single character. Use the asterisk (*) as a wildcard to represent any number of characters.

    Default value: *

- `--output-format` | `--output` *(string)*

  - Output format. This option is ignored if '--response-format-json' is specified.

    Default value: tabular
    Allowed values: ^tabular$, ^csv$, ^json$, ^xml$

- `--output-header` | `--header` *(boolean)*

  - Include header with field names in the output when you specify 'tabular' or 'csv' for the output format.
    This option is ignored when you specify any other output format.

    Default value: true

- `--output-field` | `-f` *(array)*

  - Field to include in the output. Multiple fields can be specified.
    Fields appear in the order you specify.

    Allowed values:
    Identifier,Name,Description,Path,CharacterSet,ReportAccess,CreatedBy,DateCreated,ModifiedBy,ModifiedDate

    Default value: Identifier,Name,Description,Path,CharacterSet

Profile Options

- `--caview-profile` | `--caview-p` *(string)*

  - The name of a (caview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › caview › search

Search data in a CA View repository.

zowe › caview › search › index

Search cross-report index data in a repository.

zowe › caview › search › index › names

Search cross-report index names in a repository.
Use the returned 'IndexNameHandle' to reference a cross-report index name.
For example, use the 'IndexNameHandle' in the 'search index values' command to retrieve the list of index values for that cross-report index.

Usage

zowe caview search index names <repositoryId> [options]

Positional Arguments

- `repositoryId` *(number)*

    - Repository identifier.

Options

- `--filter-reports` | `--reports` *(string)*

    - Filter (include) based on report names (IDs). Use the asterisk (*) as a wildcard to represent any number of characters.

      Default value: *

- `--filter-names` | `--names` *(string)*

    - Filter (include) based on index name. Separate multiple index names with commas. Use the asterisk (*) as a wildcard to represent any number of characters.

      Default value: *,*,*,*,*,*,*,*

- `--latest-versions` | `--latest-version` | `--lv` *(number)*

    - Number of latest versions (of reports) to include. If not specified, all versions of reports are included.

      Default value: 0

- `--archival-since` | `--since` | `--archival-from` | `--from` *(string)*

    - Date of earliest archived reports to include based on archival date. Specify a value in the ISO-8601 format.

- `--archival-until` | `--until` | `--archival-to` | `--to` *(string)*

    - Date of latest archived reports to include based on archival date. Specify a value in the ISO-8601 format.

- `--online-only` | `--online` *(boolean)*

    - Include only those reports that are available online.

        Default value: true

- `--output-format` | `--output` *(string)*

    - Output format. This option is ignored if '--response-format-json' is specified.

        Default value: tabular
        Allowed values: ^tabular$, ^csv$, ^json$, ^xml$

- `--output-header` | `--header` *(boolean)*

    - Include header with field names in the output when you specify 'tabular' or 'csv' for the output format.
      This option is ignored when you specify any other output format.

        Default value: true

- `--output-field` | `-f` *(array)*

    - Field to include in the output. Multiple fields can be specified.
      Fields appear in the order you specify.

        Allowed values: Index,SubIndexNames,IndexNameHandle

        Default value: Index,SubIndexNames,IndexNameHandle

Profile Options

- `--caview-profile` | `--caview-p` *(string)*

    - The name of a (caview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › caview › search › index › reports

Search reports containing a cross-report index value in a repository.
Use the returned 'ReportHandle' to reference a view of the report.

For example, use the 'ReportHandle' in the 'download report' command to download that view of the report.

Usage

zowe caview search index reports <repositoryId> <indexNameHandle> <valueHandle> [options]

Positional Arguments

- `repositoryId` *(number)*

  - Repository identifier.

- `indexNameHandle` *(string)*

  - Index name handle.

- `valueHandle` *(string)*

  - Index value handle.

Options

- `--filter-reports` | `--reports` *(string)*

  - Filter (include) based on report names (IDs). Use the asterisk (*) as a wildcard to represent any number of characters.

    Default value: *

- `--latest-versions` | `--latest-version` | `--lv` *(number)*

  - Number of latest versions (of reports) to include. If not specified, all versions of reports are included.

    Default value: 0

- `--archival-since` | `--since` | `--archival-from` | `--from` *(string)*

  - Date of earliest archived reports to include based on archival date. Specify a value in the ISO-8601 format.

- `--archival-until` | `--until` | `--archival-to` | `--to` *(string)*

  - Date of latest archived reports to include based on archival date. Specify a value in the ISO-8601 format.

- `--online-only` | `--online` *(boolean)*

  - Include only those reports that are available online.

    Default value: true

- `--output-format` | `--output` *(string)*

  - Output format. This option is ignored if '--response-format-json' is specified.

    Default value: tabular
    Allowed values: ^tabular$, ^csv$, ^json$, ^xml$

- `--output-header` | `--header` *(boolean)*

  - Include header with field names in the output when you specify 'tabular' or 'csv' for the output format.
    This option is ignored when you specify any other output format.

    Default value: true

- `--output-field` | `-f` *(array)*

  - Field to include in the output. Multiple fields can be specified.
    Fields appear in the order you specify.

    Allowed values:
    ReportName,Lines,Pages,Type,ArchivalDate,Description,UserComments,ReportHandle,TotalPages,OriginalType,Destination,JobName,Origin,Generation,SequenceNumber,SysoutClass,Status,JobID,Forms,XCode,UserID,ReadDate,PrintDate,OnDisk,OnTape,OnOptical,IndexOnDisk,Location,TapeSequence,TapePosition,TapeCount,ExtendedRetentionOptionID,RemainingDays,RemainingGenerations,RemainingCopy,RemainingDiskDays,RemainingDiskGeneration,RemainingDiskCopy,RemainingDisk2days

    Default value:
    ReportName,Lines,Pages,Type,ArchivalDate,Description,UserComments,ReportHandle

Profile Options

- `--caview-profile` | `--caview-p` *(string)*

  - The name of a (caview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › caview › search › index › values

Search cross-report index values in a repository.
Use the returned 'IndexValueHandle' in the 'search index reports' command to retrieve the list of reports containing that index value.

Usage

zowe caview search index values <repositoryId> <indexNameHandle> [options]

Positional Arguments

- `repositoryId` *(number)*

  - Repository identifier.

- `indexNameHandle` *(string)*

  - Index name handle.

Options

- `--filter-reports` | `--reports` *(string)*

  - Filter (include) based on report names (IDs). Use the asterisk (*) as a wildcard to represent any number of characters.

    Default value: *

- `--filter-values` | `--values` *(string)*

  - Filter (include) based on index values. Separate index values with commas. Use the asterisk (*) as a wildcard to represent any number of characters.

    Default value: *,*,*,*,*,*,*,*

- `--latest-versions` | `--latest-version` | `--lv` *(number)*

  - Number of latest versions (of reports) to include. If not specified, all versions of reports are included.

    Default value: 0

- `--archival-since` | `--since` | `--archival-from` | `--from` *(string)*

  - Date of earliest archived reports to include based on archival date. Specify a value in the ISO-8601 format.

- `--archival-until` | `--until` | `--archival-to` | `--to` *(string)*

  - Date of latest archived reports to include based on archival date. Specify a value in the ISO-8601 format.

- `--online-only` | `--online` *(boolean)*

  - Include only those reports that are available online.

    Default value: true

- `--output-format` | `--output` *(string)*

  - Output format. This option is ignored if '--response-format-json' is specified.

    Default value: tabular
    Allowed values: ^tabular$, ^csv$, ^json$, ^xml$

- `--output-header` | `--header` *(boolean)*

  - Include header with field names in the output when you specify 'tabular' or 'csv' for the output format.
    This option is ignored when you specify any other output format.

    Default value: true

- `--output-field` | `-f` *(array)*

  - Field to include in the output. Multiple fields can be specified.
    Fields appear in the order you specify.

    Allowed values: Value,SubValues,IndexValueHandle

    Default value: Value,SubValues,IndexValueHandle

Profile Options

- `--caview-profile` | `--caview-p` *(string)*

  - The name of a (caview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

- Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

zowe › caview › set

Set information in CA View repository.

zowe › caview › set › user

Set configuration for current user in repository.

zowe › caview › set › user › distribution

Set distribution id for current user in repository.

Usage

zowe caview set user distribution <repositoryId> <distributionId> [options]

Positional Arguments

- `repositoryId` *(number)*

    - Repository identifier.

- `distributionId` *(string)*

    - Distribution ID.

Options

- `--output-format` | `--output` *(string)*

    - Output format. This option is ignored if '--response-format-json' is specified.

        Default value: tabular
        Allowed values: ^tabular$, ^csv$, ^json$, ^xml$

- `--output-header` | `--header` *(boolean)*

    - Include header with field names in the output when you specify 'tabular' or 'csv' for the output format.
      This option is ignored when you specify any other output format.

        Default value: true

- `--output-field` | `-f` *(array)*

    - Field to include in the output. Multiple fields can be specified.
      Fields appear in the order you specify.

        Allowed values:
        Mode,DistId,ModeAccess,DistMask,Banner,Language,MasterAuthority,Printer,UserId

        Default value: Mode,DistId,ModeAccess,DistMask

Profile Options

- `--caview-profile` | `--caview-p` *(string)*

    - The name of a (caview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › caview › set › user › mode

Set mode for current user in repository.

Usage

zowe caview set user mode <repositoryId> <mode> [options]

Positional Arguments

- `repositoryId` *(number)*

    - Repository identifier.

- `mode` *(string)*

    - User mode.
      Must match regular expression: `^(ALL|SAR|SARO|EXP|EXPO)$`

Options

- `--output-format` | `--output` *(string)*

    - Output format. This option is ignored if '--response-format-json' is specified.

      Default value: tabular
      Allowed values: ^tabular$, ^csv$, ^json$, ^xml$

- `--output-header` | `--header` *(boolean)*

    - Include header with field names in the output when you specify 'tabular' or 'csv' for the output format.
      This option is ignored when you specify any other output format.

      Default value: true

- `--output-field` | `-f` *(array)*

    - Field to include in the output. Multiple fields can be specified.
      Fields appear in the order you specify.

      Allowed values:
      Mode,DistId,ModeAccess,DistMask,Banner,Language,MasterAuthority,Printer,UserId

      Default value: Mode,DistId,ModeAccess,DistMask

Profile Options

- `--caview-profile` | `--caview-p` *(string)*

    - The name of a (caview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › cics

Interact with IBM CICS programs and transactions.

zowe › cics › add-to-list

Add new resources (for example, CSD Groups to CSD Lists) to CICS through IBM CMCI.

zowe › cics › add-to-list › csdGroup

Add a CSD Group to a CICS CSD List.

Usage

zowe cics add-to-list csdGroup <name> <csdList> [options]

Positional Arguments

- `name` *(string)*

  - The name of the CSD Group to add. The maximum length of the CSD Group name is eight characters

- `csdList` *(string)*

  - The name of the CSD List to add the group to. The maximum length of the CSD List name is eight characters

Options

- `--region-name` *(string)*

  - The CICS region name to which to add the CSD Group to the CSD List

- `--cics-plex` *(string)*

  - The name of the CICSPlex to which to add the CSD Group to the CSD List

Cics Connection Options

- `--host` | `-H` *(string)*

  - The CICS server host name.

- `--port` | `-P` *(number)*

  - The CICS server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

  - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--protocol` | `-o` *(string)*

  - Specifies CMCI protocol (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

  - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Add the CSD Group MYGRP to the CSD List MYLIST in the region named MYREG:

  - ```
    zowe cics add-to-list csdGroup MYGRP MYLIST --region-name MYREG
    ```

zowe › cics › define

Define new resources (for example, programs) to CICS through IBM CMCI.

zowe › cics › define › program

Define a new program to CICS.

Usage

zowe cics define program <programName> <csdGroup> [options]

Positional Arguments

- `programName` *(string)*

  - The name of the new program to define. The maximum length of the program name is eight characters.

- `csdGroup` *(string)*

  - The CICS system definition (CSD) Group for the new program that you want to define. The maximum length of the group name is eight characters.

Options

- `--region-name` *(string)*

  - The CICS region name to which to define the new program

- `--cics-plex` *(string)*

- The name of the CICSPlex to which to define the new program

Cics Connection Options

- `--host` | `-H` *(string)*

    - The CICS server host name.

- `--port` | `-P` *(number)*

    - The CICS server port.

      Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

    - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

      Default value: true

- `--protocol` | `-o` *(string)*

    - Specifies CMCI protocol (http or https).

      Default value: https
      Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

    - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Define a program named PGM123 to the region name MYREGION in the CSD group MYGRP:

  - ```
    zowe cics define program PGM123 MYGRP --region-name MYREGION
    ```

zowe › cics › define › transaction

Define a new transaction to CICS.

Usage

zowe cics define transaction <transactionName> <programName> <csdGroup> [options]

Positional Arguments

- `transactionName` *(string)*

  - The name of the new transaction to define. The maximum length of the transaction name is four characters.

- `programName` *(string)*

  - The name of the program that the transaction uses. The maximum length of the program name is eight characters.

- `csdGroup` *(string)*

  - The CICS system definition (CSD) Group for the new transaction that you want to define. The maximum length of the group name is eight characters.

Options

- `--region-name` *(string)*

  - The CICS region name to which to define the new transaction

- `--cics-plex` *(string)*

  - The name of the CICSPlex to which to define the new transaction

Cics Connection Options

- `--host` | `-H` *(string)*

  - The CICS server host name.

- `--port` | `-P` *(number)*

  - The CICS server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

  - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--protocol` | `-o` *(string)*

  - Specifies CMCI protocol (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

  - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Define a transaction named TRN1 for the program named PGM123 to the region named MYREGION in the CSD group MYGRP:

    - `zowe cics define transaction TRN1 PGM123 MYGRP --region-name MYREGION`

zowe › cics › define › urimap-client

Define a new URIMAP of type client to CICS. This acts as an HTTP(S) client

Usage

zowe cics define urimap-client <urimapName> <csdGroup> [options]

Positional Arguments

- `urimapName` *(string)*

    - The name of the URIMAP to create. The maximum length of the urimap name is eight characters.

- `csdGroup` *(string)*

- The CICS system definition (CSD) Group for the new urimap that you want to define. The maximum length of the group name is eight characters.

Required Options

- `--urimap-path` | `--up` *(string)*

  - The path component of the URI.

- `--urimap-host` | `--uh` *(string)*

  - The host component of the URI.

Options

- `--urimap-scheme` | `--us` *(string)*

  - The scheme component to be used with the request (http or https).

    Default value: https
    Allowed values: http, https

- `--authenticate` | `--auth` *(string)*

  - The authentication and identification scheme to be used for client URIMAPs.

    Allowed values: NO, BASIC

- `--certificate` | `--cert` *(string)*

  - The label of a certificate in the keyring that is to be used as the client certificate in SSL handshakes

- `--description` | `--desc` *(string)*

  - Description of the URIMAP resource being defined.

- `--region-name` *(string)*

  - The CICS region name to which to define the new URIMAP.

- `--cics-plex` *(string)*

  - The name of the CICSPlex to which to define the new URIMAP.

- `--enable` *(boolean)*

- Whether or not the URIMAP is to be enabled on install by default.

  Default value: true

Cics Connection Options

- `--host` | `-H` *(string)*

  - The CICS server host name.

- `--port` | `-P` *(number)*

  - The CICS server port.

  Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

  - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

  Default value: true

- `--protocol` | `-o` *(string)*

  - Specifies CMCI protocol (http or https).

  Default value: https
  Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

  - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Define a URIMAP named URIMAPA to the region named MYREGION in the CSD group MYGRP where the host is www.example.com and the path is /example/index.html:

  - ```
    zowe cics define urimap-client URIMAPA MYGRP --urimap-path
    /example/index.html --urimap-host www.example.com --region-name MYREGION
    ```

zowe › cics › define › urimap-pipeline

Define a new URIMAP of type pipeline to CICS. This processes incoming HTTP(S) requests

Usage

zowe cics define urimap-pipeline <urimapName> <csdGroup> [options]

Positional Arguments

- `urimapName` *(string)*

  - The name of the URIMAP to create. The maximum length of the urimap name is eight characters.

- `csdGroup` *(string)*

  - The CICS system definition (CSD) Group for the new urimap that you want to define. The maximum length of the group name is eight characters.

Required Options

- `--urimap-path` | `--up` *(string)*

  - The path component of the URI.

- `--urimap-host` | `--uh` *(string)*

  - The host component of the URI.

- `--pipeline-name` | `--pn` *(string)*

  - The name of the PIPELINE resource definition for the URIMAP. The maximum length of the pipeline name is eight characters.

Options

- `--urimap-scheme` | `--us` *(string)*

  - The scheme component to be used with the request (http or https).

    Default value: https
    Allowed values: http, https

- `--description` | `--desc` *(string)*

  - Description of the URIMAP resource being defined.

- `--transaction-name` | `--tn` *(string)*

  - The name of the TRANSACTION resource definition for the URIMAP. The maximum length of the transaction name is four characters.

- `--webservice-name` | `--wn` *(string)*

  - The name of the WEBSERVICE resource definition for the URIMAP. The maximum length of the transaction name is 32 characters.

- `--tcpipservice` | `--tcpip` *(string)*

  - The TCPIPSERVICE to which the URIMAP definition applies.

- `--region-name` *(string)*

  - The CICS region name to which to define the new URIMAP.

- `--cics-plex` *(string)*

  - The name of the CICSPlex to which to define the new URIMAP.

- `--enable` *(boolean)*

    - Whether or not the URIMAP is to be enabled on install by default.

        Default value: true

Cics Connection Options

- `--host` | `-H` *(string)*

    - The CICS server host name.

- `--port` | `-P` *(number)*

    - The CICS server port.

        Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

    - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--protocol` | `-o` *(string)*

    - Specifies CMCI protocol (http or https).

        Default value: https
        Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

    - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Define a URIMAP named URIMAPA for the pipeline named PIPE123 to the region named MYREGION in the CSD group MYGRP where the host is www.example.com and the path is /example/index.html:

  - ```
    zowe cics define urimap-pipeline URIMAPA MYGRP --urimap-path
    /example/index.html --urimap-host www.example.com --pipeline-name PIPE123 --
    region-name MYREGION
    ```

zowe › cics › define › urimap-server

Define a new URIMAP of type server to CICS. This acts as an HTTP(S) server

Usage

zowe cics define urimap-server <urimapName> <csdGroup> [options]

Positional Arguments

- `urimapName` *(string)*

  - The name of the URIMAP to create. The maximum length of the urimap name is eight characters.

- `csdGroup` *(string)*

- The CICS system definition (CSD) Group for the new urimap that you want to define. The maximum length of the group name is eight characters.

Required Options

- `--urimap-path` | `--up` *(string)*

  - The path component of the URI.

- `--urimap-host` | `--uh` *(string)*

  - The host component of the URI.

- `--program-name` | `--pn` *(string)*

  - The application program that makes or handles the requests.

Options

- `--urimap-scheme` | `--us` *(string)*

  - The scheme component to be used with the request (http or https).

    Default value: https
    Allowed values: http, https

- `--description` | `--desc` *(string)*

  - Description of the URIMAP resource being defined.

- `--tcpipservice` | `--tcpip` *(string)*

  - The TCPIPSERVICE to which the URIMAP definition applies.

- `--region-name` *(string)*

  - The CICS region name to which to define the new URIMAP.

- `--cics-plex` *(string)*

  - The name of the CICSPlex to which to define the new URIMAP.

- `--enable` *(boolean)*

  - Whether or not the URIMAP is to be enabled on install by default.

    Default value: true

Cics Connection Options

- `--host` | `-H` *(string)*

    - The CICS server host name.

- `--port` | `-P` *(number)*

    - The CICS server port.

        Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

    - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--protocol` | `-o` *(string)*

    - Specifies CMCI protocol (http or https).

        Default value: https
        Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

    - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Define a URIMAP named URIMAPA for the program named PGM123 to the region named MYREGION in the CSD group MYGRP where the host is www.example.com and the path is /example/index.html:

  - ```
    zowe cics define urimap-server URIMAPA MYGRP --urimap-path
    /example/index.html --urimap-host www.example.com --program-name PGM123 --
    region-name MYREGION
    ```

zowe › cics › define › webservice

Define a new web service to CICS.

Usage

zowe cics define webservice <webserviceName> <csdGroup> [options]

Positional Arguments

- `webserviceName` *(string)*

  - The name of the WEBSERVICE to create. The maximum length of the web service name is eight characters.

- `csdGroup` *(string)*

  - The CICS system definition (CSD) Group for the new web service that you want to define. The maximum length of the group name is eight characters.

Required Options

- `--pipeline-name` | `--pn` *(string)*

  - The name of the PIPELINE resource definition for the web service. The maximum length of the pipeline name is eight characters

- `--wsbind` *(string)*

  - The file name of the web service binding file on HFS.

Options

- `--description` | `--desc` *(string)*

  - Description of the web service resource being defined.

- `--validation` *(boolean)*

  - Specifies whether full validation of SOAP messages against the corresponding schema in the web service description should be performed at run time.

    Default value: false

- `--wsdlfile` | `--wsdl` *(string)*

  - The file name of the web service description (WSDL) file on HFS.

- `--region-name` *(string)*

  - The CICS region name to which to define the new web service.

- `--cics-plex` *(string)*

  - The name of the CICSPlex to which to define the new web service.

Cics Connection Options

- `--host` | `-H` *(string)*

  - The CICS server host name.

- `--port` | `-P` *(number)*

  - The CICS server port.

    Default value: 443

- `--user` | `-u` *(string)*

- Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

  - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--protocol` | `-o` *(string)*

  - Specifies CMCI protocol (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

  - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Define a webservice named WEBSVCA for the pipeline named PIPE123 to the region named MYREGION in the CSD group MYGRP where the binding file is /u/exampleapp/wsbind/example.log:

  - ```
    zowe cics define webservice WEBSVCA MYGRP --pipeline-name PIPELINE --wsbind
    /u/exampleapp/wsbind/example.log --region-name MYREGION
    ```

zowe › cics › delete

Delete resources (for example, programs) from CICS through IBM CMCI.

zowe › cics › delete › program

Delete a program from CICS.

Usage

zowe cics delete program <programName> <csdGroup> [options]

Positional Arguments

- `programName` *(string)*

  - The name of the program to delete. The maximum length of the program name is eight characters.

- `csdGroup` *(string)*

  - The CICS system definition (CSD) Group for the program that you want to delete. The maximum length of the group name is eight characters.

Options

- `--region-name` *(string)*

  - The CICS region name from which to delete the program

- `--cics-plex` *(string)*

  - The name of the CICSPlex from which to delete the program

Cics Connection Options

- `--host` | `-H` *(string)*

  - The CICS server host name.

- `--port` | `-P` *(number)*

  - The CICS server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

  - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--protocol` | `-o` *(string)*

  - Specifies CMCI protocol (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

  - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Delete a program named PGM123 from the region named MYREGION:

  - `zowe cics delete program PGM123 --region-name MYREGION`

zowe › cics › delete › transaction

Delete a transaction from CICS.

Usage

zowe cics delete transaction <transactionName> <csdGroup> [options]

Positional Arguments

- `transactionName` *(string)*

  - The name of the transaction to delete. The maximum length of the transaction name is four characters.

- `csdGroup` *(string)*

  - The CICS system definition (CSD) Group for the transaction that you want to delete. The maximum length of the group name is eight characters.

Options

- `--region-name` *(string)*

  - The CICS region name from which to delete the transaction

- `--cics-plex` *(string)*

  - The name of the CICSPlex from which to delete the transaction

Cics Connection Options

- `--host` | `-H` *(string)*

    - The CICS server host name.

- `--port` | `-P` *(number)*

    - The CICS server port.

        Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

    - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--protocol` | `-o` *(string)*

    - Specifies CMCI protocol (http or https).

        Default value: https
        Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

    - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Delete a transaction named TRN1 from the region named MYREGION:

  - `zowe cics delete transaction TRN1 MYGRP --region-name MYREGION`

zowe › cics › delete › urimap

Delete a urimap from CICS.

Usage

zowe cics delete urimap <urimapName> <csdGroup> [options]

Positional Arguments

- `urimapName` *(string)*

  - The name of the urimap to delete. The maximum length of the urimap name is eight characters.

- `csdGroup` *(string)*

  - The CICS system definition (CSD) Group for the urimap that you want to delete. The maximum length of the group name is eight characters.

Options

- `--region-name` *(string)*

  - The CICS region name from which to delete the urimap

Cics Connection Options

- `--host` | `-H` *(string)*

  - The CICS server host name.

- `--port` | `-P` *(number)*

  - The CICS server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

  - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--protocol` | `-o` *(string)*

  - Specifies CMCI protocol (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

  - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Delete a urimap named URIMAPA from the region named MYREGION belonging to the csdgroup MYGRP:

  - ```
    zowe cics delete urimap URIMAPA MYGRP --region-name MYREGION
    ```

zowe › cics › delete › webservice

Delete a web service from CICS.

Usage

zowe cics delete webservice <webserviceName> <csdGroup> [options]

Positional Arguments

- `webserviceName` *(string)*

  - The name of the web service to delete. The maximum length of the web service name is eight characters.

- `csdGroup` *(string)*

  - The CICS system definition (CSD) Group for the web service that you want to delete. The maximum length of the group name is eight characters.

Options

- `--region-name` *(string)*

- The CICS region name from which to delete the web service

Cics Connection Options

- `--host` | `-H` *(string)*

    - The CICS server host name.

- `--port` | `-P` *(number)*

    - The CICS server port.

      Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

    - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

      Default value: true

- `--protocol` | `-o` *(string)*

    - Specifies CMCI protocol (http or https).

      Default value: https
      Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

    - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Delete a web service named WEBSVCA from the region named MYREGION belonging to the csdgroup MYGRP:

  - `zowe cics delete webservice WEBSVCA MYGRP --region-name MYREGION`

zowe › cics › disable

Disable resources (for example, urimaps) from CICS through IBM CMCI.

zowe › cics › disable › urimap

Disable a urimap from CICS.

Usage

zowe cics disable urimap <urimapName> [options]

Positional Arguments

- `urimapName` *(string)*

  - The name of the urimap to disable. The maximum length of the urimap name is eight characters.

Options

- `--region-name` *(string)*

- The CICS region name in which to disable the urimap

Cics Connection Options

- `--host` | `-H` *(string)*

    - The CICS server host name.

- `--port` | `-P` *(number)*

    - The CICS server port.

      Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

    - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

      Default value: true

- `--protocol` | `-o` *(string)*

    - Specifies CMCI protocol (http or https).

      Default value: https
      Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

    - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Disable a urimap named URIMAPA from the region named MYREGION:

  - `zowe cics disable urimap URIMAPA --region-name MYREGION`

zowe › cics › discard

Discard resources (for example, programs) from CICS through IBM CMCI.

zowe › cics › discard › program

Discard a program from CICS.

Usage

zowe cics discard program <programName> [options]

Positional Arguments

- `programName` *(string)*

  - The name of the program to discard. The maximum length of the program name is eight characters.

Options

- `--region-name` *(string)*

  - The CICS region name from which to discard the program

- `--cics-plex` *(string)*

  - The name of the CICSPlex from which to discard the program

Cics Connection Options

- `--host` | `-H` *(string)*

  - The CICS server host name.

- `--port` | `-P` *(number)*

  - The CICS server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

  - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--protocol` | `-o` *(string)*

  - Specifies CMCI protocol (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

  - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Discard a program named PGM123 from the region named MYREGION:

    - `zowe cics discard program PGM123 --region-name MYREGION`

zowe › cics › discard › transaction

Discard a transaction from CICS.

Usage

zowe cics discard transaction <transactionName> [options]

Positional Arguments

- `transactionName` *(string)*

    - The name of the transaction to discard. The maximum length of the transaction name is four characters.

Options

- `--region-name` *(string)*

    - The CICS region name from which to discard the transaction

- `--cics-plex` *(string)*

    - The name of the CICSPlex from which to discard the transaction

Cics Connection Options

- `--host` | `-H` *(string)*

  - The CICS server host name.

- `--port` | `-P` *(number)*

  - The CICS server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

  - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--protocol` | `-o` *(string)*

  - Specifies CMCI protocol (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

  - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Discard a transaction named TRN1 from the region named MYREGION:

  - `zowe cics discard transaction TRN1 --region-name MYREGION`

zowe › cics › discard › urimap

Discard a urimap from CICS.

Usage

zowe cics discard urimap <urimapName> [options]

Positional Arguments

- `urimapName` *(string)*

  - The name of the urimap to discard. The maximum length of the urimap name is eight characters.

Options

- `--region-name` *(string)*

  - The CICS region name from which to discard the urimap

Cics Connection Options

- `--host` | `-H` *(string)*

  - The CICS server host name.

- `--port` | `-P` *(number)*

  - The CICS server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

  - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--protocol` | `-o` *(string)*

  - Specifies CMCI protocol (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

  - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Discard a urimap named URIMAPA from the region named MYREGION:

    - `zowe cics discard urimap URIMAPA --region-name MYREGION`

zowe › cics › enable

Enable resources (for example, urimaps) from CICS through IBM CMCI.

zowe › cics › enable › urimap

Enable a urimap from CICS.

Usage

zowe cics enable urimap <urimapName> [options]

Positional Arguments

- `urimapName` *(string)*

    - The name of the urimap to enable. The maximum length of the urimap name is eight characters.

Options

- `--region-name` *(string)*

    - The CICS region name in which to enable the urimap

Cics Connection Options

- `--host` | `-H` *(string)*

    - The CICS server host name.

- `--port` | `-P` *(number)*

- The CICS server port.

  Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

  - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

  Default value: true

- `--protocol` | `-o` *(string)*

  - Specifies CMCI protocol (http or https).

  Default value: https
  Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

  - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

- The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Enable a urimap named URIMAPA from the region named MYREGION:

  - `zowe cics enable urimap URIMAPA --region-name MYREGION`

zowe › cics › get

Get resources (for example, programs or transactions) from CICS through IBM CMCI.

zowe › cics › get › resource

Get resources (for example, programs or transactions) from CICS.

Usage

zowe cics get resource <resourceName> [options]

Positional Arguments

- `resourceName` *(string)*

  - The name of the resource to get.

Options

- `--region-name` | `--rn` *(string)*

  - The CICS region name from which to get the resources

- `--cics-plex` | `--cp` *(string)*

  - The name of the CICSPlex from which to get the resources

- `--criteria` | `-c` *(string)*

  - The criteria by which to filter the resource

- `--parameter` | `-p` *(string)*

- The parameter by which to refine the resource

Cics Connection Options

- `--host` | `-H` *(string)*

  - The CICS server host name.

- `--port` | `-P` *(number)*

  - The CICS server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

  - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--protocol` | `-o` *(string)*

  - Specifies CMCI protocol (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

  - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Get program resources from the region named MYREGION:

  - `zowe cics get resource CICSProgram --region-name MYREGION`

- Get local transaction resources from the region named MYREGION:

  - `zowe cics get resource CICSLocalTransaction --region-name MYREGION`

- Get local file resources from the region named MYREGION:

  - `zowe cics get resource CICSLocalFile --region-name MYREGION`

- Get program definition resources from the CSD group named GRP1 and the region named MYREGION:

  - `zowe cics get resource CICSDefinitionProgram --region-name MYREGION --parameter "CSDGROUP(GRP1)"`

- Get transaction definition resources from the CSD group named GRP1 and the region named MYREGION:

  - `zowe cics get resource CICSDefinitionTransaction --region-name MYREGION --parameter "CSDGROUP(GRP1)"`

- Get URIMap definition resources from the CSD group named GRP1 and the region named MYREGION:

  - `zowe cics get resource CICSDefinitionURIMap --region-name MYREGION --parameter "CSDGROUP(GRP1)"`

- Get program resources that start with the name PRG from the region named MYREGION:

  - `zowe cics get resource CICSProgram --region-name MYREGION --criteria "PROGRAM=PRG*"`

- Get a local transaction resource named TRAN from the region named MYREGION:

  - `zowe cics get resource CICSLocalTransaction --region-name MYREGION --criteria "TRANID=TRAN"`

- Get program resources that start with the name MYPRG from the region named MYREGION and display various fields as a table:

  - `zowe cics get resource CICSProgram --region-name MYREGION --criteria "PROGRAM=MYPRG*" --rft table --rfh --rff program length status`

zowe › cics › install

Install resources (for example, programs) to CICS through IBM CMCI.

zowe › cics › install › program

Install a program to CICS.

Usage

zowe cics install program <programName> <csdGroup> [options]

Positional Arguments

- `programName` *(string)*

  - The name of the program to install. The maximum length of the program name is eight characters.

- `csdGroup` *(string)*

  - The CICS system definition (CSD) Group for the program that you want to install. The maximum length of the group name is eight characters.

Options

- `--region-name` *(string)*

  - The CICS region name to which to install the program

- `--cics-plex` *(string)*

  - The name of the CICSPlex to which to install the program

Cics Connection Options

- `--host` | `-H` *(string)*

  - The CICS server host name.

- `--port` | `-P` *(number)*

  - The CICS server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

  - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--protocol` | `-o` *(string)*

  - Specifies CMCI protocol (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

  - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

- The file path to a certificate key file to use for authentication

Examples

- Install a program named PGM123 to the region named MYREGION in the CSD group MYGRP:

  - `zowe cics install program PGM123 MYGRP --region-name MYREGION`

zowe › cics › install › transaction

Install a transaction to CICS.

Usage

zowe cics install transaction <transactionName> <csdGroup> [options]

Positional Arguments

- `transactionName` *(string)*

  - The name of the transaction to install. The maximum length of the transaction name is four characters.

- `csdGroup` *(string)*

  - The CICS system definition (CSD) Group for the transaction that you want to install. The maximum length of the group name is eight characters.

Options

- `--region-name` *(string)*

  - The CICS region name to which to install the transaction

- `--cics-plex` *(string)*

  - The name of the CICSPlex to which to install the transaction

Cics Connection Options

- `--host` | `-H` *(string)*

  - The CICS server host name.

- `--port` | `-P` *(number)*

- The CICS server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

  - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--protocol` | `-o` *(string)*

  - Specifies CMCI protocol (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

  - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

- The file path to a certificate file to use for authentication
- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Install a transaction named TRN1 to the region named MYREGION in the CSD group MYGRP:

    - ```
      zowe cics install transaction TRN1 MYGRP --region-name MYREGION
      ```

zowe › cics › install › urimap

Install a urimap to CICS.

Usage

zowe cics install urimap <urimapName> <csdGroup> [options]

Positional Arguments

- `urimapName` *(string)*

    - The name of the urimap to install. The maximum length of the urimap name is eight characters.

- `csdGroup` *(string)*

    - The CICS system definition (CSD) Group for the urimap that you want to install. The maximum length of the group name is eight characters.

Options

- `--region-name` *(string)*

    - The CICS region name to which to install the urimap

Cics Connection Options

- `--host` | `-H` *(string)*

    - The CICS server host name.

- `--port` | `-P` *(number)*

- The CICS server port.

    Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

    - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

    Default value: true

- `--protocol` | `-o` *(string)*

    - Specifies CMCI protocol (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

    - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

- The file path to a certificate file to use for authentication
- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Install a urimap named URIMAPA to the region named MYREGION belonging to the csdgroup MYGRP:

  - `zowe cics install urimap URIMAPA CSDGROUP --region-name MYREGION`

zowe › cics › refresh

Refresh a program on CICS through IBM CMCI.

zowe › cics › refresh › program

Refresh a program on CICS.

Usage

zowe cics refresh program <programName> [options]

Positional Arguments

- `programName` *(string)*

  - The name of the program to refresh. The maximum length of the program name is eight characters.

Options

- `--region-name` *(string)*

  - The CICS region name on which you want to refresh the program

- `--cics-plex` *(string)*

  - The name of the CICSPlex on which to refresh the program

Cics Connection Options

- `--host` | `-H` *(string)*

- The CICS server host name.

- `--port` | `-P` *(number)*

  - The CICS server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

  - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--protocol` | `-o` *(string)*

  - Specifies CMCI protocol (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

  - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

- The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Refresh a program named PGM123 from the region named MYREGION:

  - `zowe cics refresh program PGM123 --region-name MYREGION`

zowe › cics › remove-from-list

Remove resources (for example, CSD Groups in CSD Lists) from CICS through IBM CMCI.

zowe › cics › remove-from-list › csdGroup

Remove a CSD Group from a CICS CSD List.

Usage

zowe cics remove-from-list csdGroup <name> <csdList> [options]

Positional Arguments

- `name` *(string)*

  - The name of the CSD Group to remove. The maximum length of the CSD Group name is eight characters

- `csdList` *(string)*

  - The name of the CSD List to remove the group from. The maximum length of the CSD List name is eight characters

Options

- `--region-name` *(string)*

  - The CICS region name to which to remove the CSD Group from the CSD List

- `--cics-plex` *(string)*

  - The name of the CICSPlex to which to remove the CSD Group from the CSD List

Cics Connection Options

- `--host` | `-H` *(string)*

  - The CICS server host name.

- `--port` | `-P` *(number)*

  - The CICS server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--password` | `--pw` *(string)*

  - Mainframe (CICS) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--protocol` | `-o` *(string)*

  - Specifies CMCI protocol (http or https).

    Default value: https
    Allowed values: http, https

Profile Options

- `--cics-profile` | `--cics-p` *(string)*

  - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Remove the CSD Group MYGRP from the CSD List MYLIST in the region named MYREG:

    - `zowe cics remove-from-list csdGroup MYGRP MYLIST --region-name MYREG`

zowe › cics-deploy

CICS bundle deployment plugin.

zowe › cics-deploy › deploy

Deploy a CICS bundle from zFS to one or more CICS regions within a CICSplex. A BUNDLE resource is installed, ENABLED and made AVAILABLE in the target scope of the CICSplex.

zowe › cics-deploy › deploy › bundle

Deploy a CICS bundle from zFS to one or more CICS regions within a CICSplex. The DFHDPLOY utility is used to install and make available a BUNDLE resource in the target group of CICS regions.

Usage

zowe cics-deploy deploy bundle [options]

cics-deploy Options

- `--name` | `-n` *(string)*

  - Required. Specifies the name of the CICS BUNDLE resource (up to 8 characters) to deploy or undeploy.

- `--bundle-directory` | `--bd` | `--bundledir` | `--bundle-dir` *(string)*

  - Required. Specifies the location of the CICS bundle (up to 255 characters) on zFS.

- `--cicsplex` | `--cp` *(string)*

  - Specifies the CICSplex (up to 8 characters) to target. This parameter defaults to the value specified in the cics-deploy profile.

- `--scope` | `--sc` *(string)*

  - Specifies the name of the CICS System, or CICS System Group (up to 8 characters) to target. This parameter defaults to the value specified in the cics-deploy profile.

- `--csd-group` | `--cg` | `--csdgroup` *(string)*

- Specifies the CSD group (up to 8 characters) for the bundle resource. If a bundle is deployed, a definition is added to this group. If a bundle is undeployed, then the definition is removed from this group. The definition is added or removed from the CSD of each system that is specified by the --scope option. The --csd-group and --res-group options are mutually exclusive.

- `--res-group` | `--rg` | `--resgroup` *(string)*

    - Specifies the BAS resource group (up to 8 characters) for the bundle resource. If a bundle is deployed, a resource is defined in the BAS data repository. If a bundle is undeployed, the definition is removed. The --csd-group and --res-group options are mutually exclusive.

- `--cics-hlq` | `--cq` | `--cicshlq` *(string)*

    - Specifies the high-level qualifier (up to 35 characters) at which the CICS datasets can be found in the target environment. This parameter defaults to the value specified in the cics-deploy profile.

- `--cpsm-hlq` | `--cph` | `--cpsmhlq` *(string)*

    - Specifies the high-level qualifier (up to 35 characters) at which the CPSM datasets can be found in the target environment. This parameter defaults to the value specified in the cics-deploy profile.

- `--description` | `--desc` *(string)*

    - An optional value that specifies a description of the bundle definition (up to 58 characters).

- `--job-card` | `--jc` | `--jobcard` *(string)*

    - Specifies the job card to use with any generated DFHDPLOY JCL. Use this parameter if you need to tailor the job card and you have not set the --cics-deploy-profile option. You can separate multiple lines of the jobcard with \n.

        Default value: //DFHDPLOY JOB DFHDPLOY,CLASS=A,MSGCLASS=X,TIME=NOLIMIT

- `--timeout` | `--to` *(number)*

    - An optional numerical value that specifies the maximum amount of time in seconds (1 - 1800 inclusive) for the DFHDPLOY command to complete. If not specified DFHDPLOY will use its default of 300 seconds.

- `--target-state` | `--ts` | `--targetstate` *(string)*

- Specifies the target state for the deployed bundle.

  Default value: ENABLED
  Allowed values: DISABLED, ENABLED, AVAILABLE

- `--verbose` | `-v` *(boolean)*

  - Enable or suppress verbose output from the DFHDPLOY tool.

    Default value: false

Zosmf Connection Options

- `--zosmf-host` | `--zh` *(string)*

  - The z/OSMF server host name.

- `--zosmf-port` | `--zp` *(number)*

  - The z/OSMF server port.

- `--zosmf-user` | `--zu` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--zosmf-password` | `--zpw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--zosmf-reject-unauthorized` | `--zru` *(boolean)*

  - Reject self-signed certificates.

- `--zosmf-base-path` | `--zbp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--cics-deploy-profile` | `--cics-deploy-p` *(string)*

  - The name of a (cics-deploy) profile to load for this command execution.

- `--zosmf-profile` | `--zosmf-p` *(string)*

- The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Deploy a CICS bundle with a specific name and location to a default set of target regions:

  - `zowe cics-deploy deploy bundle --name EXAMPLE --bundle-directory /u/example/bundleDir`

- Deploy a CICS bundle, but declare a timeout if the processing takes too long:

  - `zowe cics-deploy deploy bundle --name EXAMPLE --bundle-directory /u/example/bundleDir --timeout 60`

- Deploy a CICS bundle to a specific target environment by using specific zosmf & cics-deploy profiles:

  - `zowe cics-deploy deploy bundle --name EXAMPLE --bundle-directory /u/example/bundleDir --cicsplex TESTPLEX --scope SCOPE --res-group BUNDGRP --cics-hlq CICSTS55.CICS720 --cpsm-hlq CICSTS55.CPSM550 --zosmf-profile testplex --cics-deploy-profile devcics`

zowe › cics-deploy › generate

Generate a CICS bundle and associated metadata files in the current working directory. This allows the application in the current working directory to be deployed to CICS.

zowe › cics-deploy › generate › bundle

Generate a CICS bundle in the working directory. The associated data is constructed from a combination of the command-line options and the contents of package.json. If package.json exists, no options are required. If package.json does not exist, both --start-script and --nodejsapp are required.

Usage

zowe cics-deploy generate bundle [options]

cics-deploy Options

- `--bundle-id` | `-b` | `--id` | `--bundleid` *(string)*

  - The ID for the generated CICS bundle, up to 64 characters. If no value is specified, a default value is created from the 'name' property in the package.json file in the current working directory. If the value is too long, it is truncated. If it contains characters that are not supported by CICS, each character is replaced by an X.

- `--bundle-version` | `--bv` | `--bundleversion` *(string)*

- The major.minor.micro version number for the generated CICS bundle. If no value is specified, a default value of 1.0.0 is used.

- `--nodejsapp` | `-n` | `--nj` | `--nja` *(string)*

  - The ID of the generated CICS NODEJSAPP resource, up to 32 characters. If no value is specified, a default value is created from the 'name' property in package.json, or the bundleid option if specified. If the value is too long it is truncated. If it contains characters that are not supported by CICS, each character is replaced by an X.

- `--start-script` | `-s` | `--ss` | `--startscript` *(string)*

  - Up to 255 character path to the Node.js start script that runs when the associated bundle is enabled in CICS. If a value is not specified, a default value is created from either the 'scripts.start' property of the package.json file in the current working directory, or from the 'main' property.

- `--port` | `-p` *(string)*

  - The TCP/IP port number the Node.js application should use for clients to connect to. If a value is specified, it is set within the generated NODEJSAPP's profile. The Node.js application can reference this value by accessing the PORT environment variable, for example using process.env.PORT. Additional environment variables can be set by manually editing the profile.

- `--overwrite` | `--ow` *(boolean)*

  - Enable or disable the ability to replace existing files within a CICS bundle.

    Default value: false

- `--merge` | `--me` *(boolean)*

  - Enable or disable the ability to merge new resources into an existing CICS bundle manifest. Requires --overwrite to be specified.

    Default value: false

Examples

- Generate a CICS bundle in the working directory, taking information from package.json:

  - `zowe cics-deploy generate bundle`

- Generate a CICS bundle in the working directory, based on package.json but using a bundle ID of "mybundle":

- `zowe cics-deploy generate bundle --bundle-id mybundle`

- Generate a CICS bundle in the working directory in which a package.json does not exist:

  - `zowe cics-deploy generate bundle --bundle-id mybundle --nodejsapp myapp --start-script server.js`

zowe › cics-deploy › push

Push combines several actions for deploying a bundle to CICS into a single command. It uploads the bundle to z/OS, optionally runs an 'npm install' command on the remote system, then uses DFHDPLOY to install and enable the bundle in a target CICS environment.

zowe › cics-deploy › push › bundle

Push a CICS bundle from the working directory to a target CICSplex.

Usage

zowe cics-deploy push bundle [options]

cics-deploy Options

- `--name` | `-n` *(string)*

  - Required. Specifies the name of the CICS BUNDLE resource (up to 8 characters) to deploy or undeploy.

- `--target-directory` | `--td` | `--targetdir` | `--target-dir` *(string)*

  - Specifies the target zFS location in which the CICS bundle is to be created (up to 255 characters). This parameter defaults to the value specified in the cics-deploy profile.

- `--cicsplex` | `--cp` *(string)*

  - Specifies the CICSplex (up to 8 characters) to target. This parameter defaults to the value specified in the cics-deploy profile.

- `--scope` | `--sc` *(string)*

  - Specifies the name of the CICS System, or CICS System Group (up to 8 characters) to target. This parameter defaults to the value specified in the cics-deploy profile.

- `--csd-group` | `--cg` | `--csdgroup` *(string)*

- Specifies the CSD group (up to 8 characters) for the bundle resource. If a bundle is deployed, a definition is added to this group. If a bundle is undeployed, then the definition is removed from this group. The definition is added or removed from the CSD of each system that is specified by the --scope option. The --csd-group and --res-group options are mutually exclusive.

- `--res-group` | `--rg` | `--resgroup` *(string)*

  - Specifies the BAS resource group (up to 8 characters) for the bundle resource. If a bundle is deployed, a resource is defined in the BAS data repository. If a bundle is undeployed, the definition is removed. The --csd-group and --res-group options are mutually exclusive.

- `--cics-hlq` | `--cq` | `--cicshlq` *(string)*

  - Specifies the high-level qualifier (up to 35 characters) at which the CICS datasets can be found in the target environment. This parameter defaults to the value specified in the cics-deploy profile.

- `--cpsm-hlq` | `--cph` | `--cpsmhlq` *(string)*

  - Specifies the high-level qualifier (up to 35 characters) at which the CPSM datasets can be found in the target environment. This parameter defaults to the value specified in the cics-deploy profile.

- `--description` | `--desc` *(string)*

  - An optional value that specifies a description of the bundle definition (up to 58 characters).

- `--job-card` | `--jc` | `--jobcard` *(string)*

  - Specifies the job card to use with any generated DFHDPLOY JCL. Use this parameter if you need to tailor the job card and you have not set the --cics-deploy-profile option. You can separate multiple lines of the jobcard with \n.

    Default value: //DFHDPLOY JOB DFHDPLOY,CLASS=A,MSGCLASS=X,TIME=NOLIMIT

- `--timeout` | `--to` *(number)*

  - An optional numerical value that specifies the maximum amount of time in seconds (1 - 1800 inclusive) for the DFHDPLOY command to complete. If not specified DFHDPLOY will use its default of 300 seconds.

- `--target-state` | `--ts` | `--targetstate` *(string)*

- Specifies the target state for the deployed bundle.

    Default value: ENABLED
    Allowed values: DISABLED, ENABLED, AVAILABLE

- `--verbose` | `-v` *(boolean)*

  - Enable or suppress verbose output from the DFHDPLOY tool.

    Default value: false

- `--overwrite` | `--ow` *(boolean)*

  - Enable or disable the ability to replace an existing bundle directory or bundle on the remote system.

    Default value: false

Zosmf Connection Options

- `--zosmf-host` | `--zh` *(string)*

  - The z/OSMF server host name.

- `--zosmf-port` | `--zp` *(number)*

  - The z/OSMF server port.

- `--zosmf-user` | `--zu` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--zosmf-password` | `--zpw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--zosmf-reject-unauthorized` | `--zru` *(boolean)*

  - Reject self-signed certificates.

- `--zosmf-base-path` | `--zbp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

z/OS Ssh Connection Options

- `--ssh-host` | `--sh` *(string)*

  - The z/OS SSH server host name.

- `--ssh-port` | `--sp` *(number)*

  - The z/OS SSH server port.

- `--ssh-user` | `--su` *(string)*

  - Mainframe user name, which can be the same as your TSO login.

- `--ssh-password` | `--spw` *(string)*

  - Mainframe password, which can be the same as your TSO password.

- `--ssh-private-key` | `--spk` *(string)*

  - Path to a file containing your private key, that must match a public key stored in the server for authentication

- `--ssh-key-passphrase` | `--skp` *(string)*

  - Private key passphrase, which unlocks the private key.

- `--ssh-handshake-timeout` | `--sht` *(number)*

  - How long in milliseconds to wait for the SSH handshake to complete.

CICS Connection Options

- `--cics-host` | `--ch` *(string)*

  - The CMCI server host name.

- `--cics-port` | `--cpo` *(number)*

  - The CICS server port.

- `--cics-user` | `--cu` *(string)*

  - Mainframe (CICS) user name, which can be the same as your TSO login.

- `--cics-password` | `--cpw` *(string)*

  - Mainframe (CICS) password, which can be the same as your TSO password.

- `--cics-reject-unauthorized` | `--cru` *(boolean)*

- Reject self-signed certificates.

- `--cics-protocol` | `--cpr` *(string)*

  - Specifies CMCI protocol (http or https).

    Allowed values: http, https

Profile Options

- `--cics-deploy-profile` | `--cics-deploy-p` *(string)*

  - The name of a (cics-deploy) profile to load for this command execution.

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--ssh-profile` | `--ssh-p` *(string)*

  - The name of a (ssh) profile to load for this command execution.

- `--cics-profile` | `--cics-p` *(string)*

  - The name of a (cics) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Push a CICS bundle from the working directory by using default cics-deploy, cics, ssh and zosmf profiles:

  - `zowe cics-deploy push bundle --name EXAMPLE --target-directory /u/example/bundles`

- Push a CICS bundle from the working directory by using specific zosmf, ssh & cics-deploy profiles:

  - `zowe cics-deploy push bundle --name EXAMPLE --target-directory /u/example/bundles --zosmf-profile testplex --cics-deploy-profile devcics --ssh-profile ssh`

- Push a CICS bundle from the working directory replacing any bundle of the same name that is already deployed:

  - `zowe cics-deploy push bundle --name EXAMPLE --target-directory /u/example/bundles --overwrite`

zowe › cics-deploy › undeploy

Undeploy a CICS bundle from one or more CICS regions within a CICSplex. A BUNDLE resource is made UNAVAILABLE, it is then DISABLED and DISCARDED from the target scope with the CICSplex.

zowe › cics-deploy › undeploy › bundle

Undeploy a CICS bundle from one or more CICS regions within a CICSplex. The DFHDPLOY utility is used to undeploy and remove a BUNDLE resource from the target group of CICS regions.

Usage

zowe cics-deploy undeploy bundle [options]

cics-deploy Options

- `--name` | `-n` *(string)*

  - Required. Specifies the name of the CICS BUNDLE resource (up to 8 characters) to deploy or undeploy.

- `--cicsplex` | `--cp` *(string)*

  - Specifies the CICSplex (up to 8 characters) to target. This parameter defaults to the value specified in the cics-deploy profile.

- `--scope` | `--sc` *(string)*

  - Specifies the name of the CICS System, or CICS System Group (up to 8 characters) to target. This parameter defaults to the value specified in the cics-deploy profile.

- `--csd-group` | `--cg` | `--csdgroup` *(string)*

  - Specifies the CSD group (up to 8 characters) for the bundle resource. If a bundle is deployed, a definition is added to this group. If a bundle is undeployed, then the definition is removed from this group. The definition is added or removed from the CSD of each system that is specified by the --scope option. The --csd-group and --res-group options are mutually exclusive.

- `--res-group` | `--rg` | `--resgroup` *(string)*

  - Specifies the BAS resource group (up to 8 characters) for the bundle resource. If a bundle is deployed, a resource is defined in the BAS data repository. If a bundle is undeployed, the definition is removed. The --csd-group and --res-group options are mutually exclusive.

- `--cics-hlq` | `--cq` | `--cicshlq` *(string)*

  - Specifies the high-level qualifier (up to 35 characters) at which the CICS datasets can be found in the target environment. This parameter defaults to the value specified in the cics-deploy profile.

- `--cpsm-hlq` | `--cph` | `--cpsmhlq` *(string)*

  - Specifies the high-level qualifier (up to 35 characters) at which the CPSM datasets can be found in the target environment. This parameter defaults to the value specified in the cics-deploy profile.

- `--job-card` | `--jc` | `--jobcard` *(string)*

  - Specifies the job card to use with any generated DFHDPLOY JCL. Use this parameter if you need to tailor the job card and you have not set the --cics-deploy-profile option. You can separate multiple lines of the jobcard with \n.

    Default value: //DFHDPLOY JOB DFHDPLOY,CLASS=A,MSGCLASS=X,TIME=NOLIMIT

- `--timeout` | `--to` *(number)*

  - An optional numerical value that specifies the maximum amount of time in seconds (1 - 1800 inclusive) for the DFHDPLOY command to complete. If not specified DFHDPLOY will use its default of 300 seconds.

- `--target-state` | `--ts` | `--targetstate` *(string)*

  - Specifies the target state for the undeployed bundle.

    Default value: DISCARDED
    Allowed values: UNAVAILABLE, DISABLED, DISCARDED

- `--verbose` | `-v` *(boolean)*

  - Enable or suppress verbose output from the DFHDPLOY tool.

    Default value: false

Zosmf Connection Options

- `--zosmf-host` | `--zh` *(string)*

  - The z/OSMF server host name.

- `--zosmf-port` | `--zp` *(number)*

- The z/OSMF server port.

- `--zosmf-user` | `--zu` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--zosmf-password` | `--zpw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--zosmf-reject-unauthorized` | `--zru` *(boolean)*

  - Reject self-signed certificates.

- `--zosmf-base-path` | `--zbp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--cics-deploy-profile` | `--cics-deploy-p` *(string)*

  - The name of a (cics-deploy) profile to load for this command execution.

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Undeploy a CICS bundle by using the default cics-deploy and zosmf profiles:

  - `zowe cics-deploy undeploy bundle --name EXAMPLE`

- Undeploy a CICS bundle, and declare a timeout if the processing takes too long:

  - `zowe cics-deploy undeploy bundle --name EXAMPLE --timeout 60`

- Undeploy a CICS bundle from a specific target environment by using specific zosmf and cics-deploy profiles:

  - `zowe cics-deploy undeploy bundle --name EXAMPLE --cics-plex TESTPLEX --scope SCOPE --res-group BUNDGRP --cics-hlq CICSTS55.CICS720 --cpsm-hlq CICSTS55.CPSM550 --zosmf-profile testplex --cics-deploy-profile devcics`

zowe › config

Manage configuration and overrides. To see all set-able options use "list" command.

zowe › config › get

Get a value of single setting option.

Usage

zowe config get <configName> [options]

Positional Arguments

- `configName` *(string)*

  - Setting name

Examples

- Get a value of CredentialManager setting:

  - `zowe config get CredentialManager`

zowe › config › list

List all configuration setting options.

Usage

zowe config list [options]

Options

- `--values` *(boolean)*

  - Show values for every option

Examples

- List all configuration setting options:

  - `zowe config list`

- List all configuration setting options with values:

  - `zowe config list --values`

zowe › config › reset

Reset a configuration setting to default value.

Usage

zowe config reset <configName> [options]

Positional Arguments

- `configName` *(string)*

  - Setting name to reset

Examples

- Reset the credential manager to default value:

  - `zowe config reset CredentialManager`

zowe › config › set

Set a configuration setting.

Usage

zowe config set <configName> <configValue> [options]

Positional Arguments

- `configName` *(string)*

  - Setting name. Possible values:
    CredentialManager - The package name of a plugin that will override the default credential manager to allow for different credential storage methods.

- `configValue` *(string)*

  - Value to set

Examples

- Set the default credential manager to my-credential-manager:

  - `zowe config set CredentialManager my-credential-manager`

zowe › db2

Interact with IBM Db2 for z/OS

zowe › db2 › call

Call a Db2 stored procedure

zowe › db2 › call › procedure

Call a Db2 stored procedure. Specify the stored procedure name and optionally provide values.

Usage

zowe db2 call procedure <routine> [options]

Positional Arguments

- `routine` *(string)*

  - The name of a Db2 stored procedure

Options

- `--parameters` | `-p` *(array)*

  - Values to bind to the stored procedure parameters

DB2 Connection Options

- `--host` | `-H` *(string)*

  - The Db2 server host name

- `--port` | `-P` *(number)*

  - The Db2 server port number

- `--user` | `-u` *(string)*

  - The Db2 user ID (may be the same as the TSO login)

- `--password` | `--pass` | `--pw` *(string)*

- The Db2 password (may be the same as the TSO password)

- `--database` | `--db` *(string)*

  - The name of the database

- `--sslFile` | `--ssl` *(string)*

  - Path to an SSL Certificate file

Profile Options

- `--db2-profile` | `--db2-p` *(string)*

  - The name of a (db2) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Call stored procedure DEMO.SP1:

- `zowe db2 call procedure "DEMO.SP1"`

- Call a stored procedure and pass values for parameter indicators:

  - `zowe db2 call procedure "DEMO.SP2(?, ?)" --parameters "Hello" "world!"`

- Call a stored procedure and pass values for two output parameters. The first output requires a 2-character buffer. The second output is a message that will be truncated to the length of the placeholder.:

  - `zowe db2 call procedure "DEMO.SP3(NULL, ?, ?)" --parameters "00" "message_placeholder_message_placeholder"`

zowe › db2 › execute

Execute SQL queries against a Db2 region and retrieve the response. Enclose the query in quotes and escape any symbols that have a special meaning to the shell.

zowe › db2 › execute › sql

Execute one or multiple SQL statements separated by a semicolon from a command line or from a file.

Usage

zowe db2 execute sql [options]

Options

- `--query` | `-q` *(string)*

  - The SQL statement verbatim to execute

- `--file` | `-f` *(string)*

  - A local file containing the SQL statements to execute

DB2 Connection Options

- `--host` | `-H` *(string)*

  - The Db2 server host name

- `--port` | `-P` *(number)*

- The Db2 server port number

- `--user` | `-u` *(string)*

  - The Db2 user ID (may be the same as the TSO login)

- `--password` | `--pass` | `--pw` *(string)*

  - The Db2 password (may be the same as the TSO password)

- `--database` | `--db` *(string)*

  - The name of the database

- `--sslFile` | `--ssl` *(string)*

  - Path to an SSL Certificate file

Profile Options

- `--db2-profile` | `--db2-p` *(string)*

  - The name of a (db2) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Execute a dummy SQL query:

    - `zowe db2 execute sql --query "SELECT 'Hello World' FROM SYSIBM.SYSDUMMY1"`

- Retrieve the employees table and total number of rows:

    - `zowe db2 execute sql -q "SELECT * FROM SAMPLE.EMP; SELECT COUNT(*) AS TOTAL FROM SAMPLE.EMP"`

- Execute a file with SQL statements:

    - `zowe db2 execute sql --file backup_sample_database.sql`

zowe › db2 › export

Export data from a Db2 table

zowe › db2 › export › table

Export a Db2 table to the stdout or a file.

Usage

zowe db2 export table <table> [options]

Positional Arguments

- `table` *(string)*

    - The name of the table to export

Options

- `--outfile` | `-o` *(string)*

    - The path to the output file

- `--separator` | `--sep` *(string)*

    - Specify whether to add a separator between statements when exporting a table

DB2 Connection Options

- `--host` | `-H` *(string)*

  - The Db2 server host name

- `--port` | `-P` *(number)*

  - The Db2 server port number

- `--user` | `-u` *(string)*

  - The Db2 user ID (may be the same as the TSO login)

- `--password` | `--pass` | `--pw` *(string)*

  - The Db2 password (may be the same as the TSO password)

- `--database` | `--db` *(string)*

  - The name of the database

- `--sslFile` | `--ssl` *(string)*

  - Path to an SSL Certificate file

Profile Options

- `--db2-profile` | `--db2-p` *(string)*

  - The name of a (db2) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Export employees data from the table SAMPLE.EMP and save it to the file 'employees.sql':

  - `zowe db2 export table SAMPLE.EMP --outfile employees.sql`

zowe › endevor

Endevor plug-in for listing Endevor environment information, working with elements and packages located in specified Endevor instance.

zowe › endevor › add

Add an Element into Endevor.

zowe › endevor › add › element

The add element command lets you add an Element to an Environment entry Stage in Endevor.

Usage

zowe endevor add element <element> [options]

Positional Arguments

- `element` *(string)*

  - Name of the Endevor element.

endevor-location definition options

- `--environment` | `--env` *(string)*

  - The Endevor environment where your project resides.

- `--system` | `--sys` *(string)*

  - The Endevor system where your project resides.

- `--subsystem` | `--sub` *(string)*

  - The Endevor subsystem where your project resides.

- `--type` | `--typ` *(string)*

  - Name of the Endevor element's type.

- `--ccid` | `--cci` *(string)*

  - The CCID you want to use when performing an Element action.

- `--comment` | `--com` *(string)*

  - The comment you want to have when performing an Element action

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

input sources options

- `--from-file` | `--ff` *(string)*

  - Use this input to provide source file.

- `--from-dataset` | `--fd` *(string)*

  - Use this input to provide source data set name.

- `--from-member` | `--fm` *(string)*

  - Use this input to provide source member name in the data set.

- `--from-path` | `--fp` *(string)*

  - Use this input to provide the path of source USS file. It must be used with from-uss-file.

- `--from-uss-file` | `--fuf` *(string)*

  - Use this input to provide source USS file name. It must be used with from-path

options

- `--override-signout` | `--os` *(boolean)*

  - Specify if you want to override the Signout of an Endevor element while performing this action.

- `--new-version` | `--nv` *(number)*

  - Assign a different version number to the Element.

- `--proc-group` | `--pg` *(string)*

  - The Endevor processor group you would like to use.

- `--generate` | `-g` *(boolean)*

    - Specifies if you want to Generate Element after Add/Update action.

- `--get-fingerprint` | `--gfg` *(boolean)*

    - Return fingerprint of a retrieved, added or updated element as the first line of the response.

        Default value: false

- `--fingerprint` | `--fg` *(string)*

    - Specifies the fingerprint of the element to Add or Update. Use value 'NEW' when adding a new element that shouldn't exist in the map yet.

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

    - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

    - File name for saving output messages from Endevor locally.

endevor session definition options

- `--host` | `--hostname` *(string)*

    - Specifies the base host name.

- `--port` | `-p` *(string)*

    - Specifies the port number.

- `--protocol` | `--prot` *(string)*

    - Specifies the protocol used for connecting to Endevor Rest API

        Default value: https
        Allowed values: http, https

- `--user` | `--username` *(string)*

    - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Add element from local file with endevor profile set up:

```
zowe endevor add element elementName --env ENV --sys SYS --sub SUB --typ
TYPE --ff localfile.txt -i ENDEVOR
```

zowe › endevor › approve

Approve a Package in Endevor.

zowe › endevor › approve › package

The approve package command approves Package in Endevor for execution.

Usage

zowe endevor approve package [package] [options]

Positional Arguments

- `package` *(string)*

  - Name of the Endevor package.

options

- `--notes` | `-n` *(string)*

  - Notes for approve/deny package.

- `--notes-from-file` | `--nff` *(string)*

  - Local file of notes for approve/deny package.

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor-location definition options

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Approve package with endevor profile set up, specifying approval notes:

  - `zowe endevor approve package packageName -n "notes" -i ENDEVOR`

zowe › endevor › backin

Backin a Package in Endevor.

zowe › endevor › backin › package

The backin package command reverses the backout action and returns the Package to a status of Executed.

Usage

zowe endevor backin package [package] [options]

Positional Arguments

- `package` *(string)*

  - Name of the Endevor package.

options

- `--statement` | `--stmn` *(number)*

  - Specify the SCL statement number for the Element action that you want to back in or back out.

- `--element` | `--elm` *(string)*

  - Specify the Element name for the Element action that you want to back in or back out.

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor-location definition options

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Backin package with endevor profile set up:

  - `zowe endevor backin package packageName -i ENDEVOR`

zowe › endevor › backout

Backout a Package in Endevor.

zowe › endevor › backout › package

The backout package command restores the executable and output modules of the Package to the status they were in before execution.

Usage

zowe endevor backout package [package] [options]

Positional Arguments

- `package` *(string)*

  - Name of the Endevor package.

options

- `--statement` | `--stmn` *(number)*

  - Specify the SCL statement number for the Element action that you want to back in or back out.

- `--element` | `--elm` *(string)*

  - Specify the Element name for the Element action that you want to back in or back out.

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor-location definition options

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Backout package with endevor profile set up:

  - `zowe endevor backout package packageName -i ENDEVOR`

zowe › endevor › cast

Cast a Package in Endevor.

zowe › endevor › cast › package

The cast package command prepares the Package for review and subsequent execution. Casting a Package freezes the contents of the Package and prevents further changes to the Package.

Usage

zowe endevor cast package [package] [options]

Positional Arguments

- `package` *(string)*

  - Name of the Endevor package.

options

- `--from-date-time` | `--fdt` *(string)*

  - Specify the beginning of time frame within which the package can be executed. Use yyyy-mm-ddThh:mm or see ISO 8601 standard for syntax.

- `--to-date-time` | `--tdt` *(string)*

  - Specify the end of time frame within which the package can be executed. Use yyyy-mm-ddThh:mm or see ISO 8601 standard for syntax.

- `--validate-components` | `--vc` *(string)*

  - Specify "yes" to enable component validation within the package, "no" to disable, and "warn" to generate a warning if component validation fails.

    Allowed values: yes, no, warn

- `--nobackout` | `--nb` *(boolean)*

  - Specify this option to NOT have backout facility available for this package.

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor-location definition options

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

- Specifies Endevor Web Services dataSource name.

endevor session definition options

- `--host` | `--hostname` *(string)*

    - Specifies the base host name.

- `--port` | `-p` *(string)*

    - Specifies the port number.

- `--protocol` | `--prot` *(string)*

    - Specifies the protocol used for connecting to Endevor Rest API

        Default value: https
        Allowed values: http, https

- `--user` | `--username` *(string)*

    - Specifies the user name.

- `--password` | `--pass` *(string)*

    - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

    - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

    - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

    - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Cast package with endevor profile set up, changing the execution window of the Package:

    - ```
      zowe endevor cast package packageName --fdt 2018-01-01T00:00 --tdt 2018-12-31T12:00 -i ENDEVOR
      ```

zowe › endevor › commit

Commit a Package in Endevor.

zowe › endevor › commit › package

The commit package command commits a Package, which removes all backout/backin data while retaining Package event information.

Usage

zowe endevor commit package [package] [options]

Positional Arguments

- `package` *(string)*

    - Name of the Endevor package.

options

- `--older-than` | `--ot` *(number)*

  - Specifies the minimum age of the package.

- `--delete-promotion-history` | `--dph` *(boolean)*

  - Specifies whether you want to delete all promotion history associated with previous versions of the Package

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor-location definition options

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

- Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Commit package with endevor profile set up, specifying deletion of all promotion history:

  - `zowe endevor commit package packageName --delete-promotion-history -i ENDEVOR`

zowe › endevor › create

Create a Package in Endevor.

zowe › endevor › create › package

The create package command lets you create a package in Endevor.

Usage

zowe endevor create package [package] [options]

Positional Arguments

- `package` *(string)*

  - Name of the Endevor package.

input sources options

- `--from-file` | `--ff` *(string)*

  - Use this input to provide source file.

- `--from-dataset` | `--fd` *(string)*

  - Use this input to provide source data set name.

- `--from-member` | `--fm` *(string)*

  - Use this input to provide source member name in the data set.

- `--from-package` | `--fp` *(string)*

  - Directs the Create/Update action to copy the SCL from the package you specify into the package you are creating or updating.

- `--from-text` | `--ft` *(string)*

  - Provides a string to use as input SCL.

options

- `--description` | `-d` *(string)*

    - Allows you to associate a 50-character description when creating package.

- `--from-date-time` | `--fdt` *(string)*

    - Specify the beginning of time frame within which the package can be executed. Use yyyy-mm-ddThh:mm or see ISO 8601 standard for syntax.

- `--to-date-time` | `--tdt` *(string)*

    - Specify the end of time frame within which the package can be executed. Use yyyy-mm-ddThh:mm or see ISO 8601 standard for syntax.

- `--nobackout` | `--nb` *(boolean)*

    - Specify this option to NOT have backout facility available for this package.

- `--notes-from-file` | `--nff` *(string)*

    - Local file of notes for approve/deny package.

- `--type` | `-t` *(string)*

    - Specify the package type, where S = STANDARD and E = EMERGENCY, by default S is used.

        Allowed values: S, E

- `--sharable` | `--sh` *(boolean)*

    - Specify this option if the package can be edited by more than one person when in In-edit status.

- `--append` | `-a` *(boolean)*

    - Specify this option to append the SCL you are adding to the existing package SCL. Otherwise it would be replaced.

- `--promotion` | `--pr` *(boolean)*

    - Specify this option to define the package as a promotion package.

- `--novalidate-scl` | `--nvs` *(boolean)*

    - Specify this option to NOT validate the package components while creating a package.

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor-location definition options

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

    - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

    - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

    - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Create package from local file with endevor profile set up:

    - ```
      zowe endevor create package packageName -d "package description" --ff
      localfile.txt -i ENDEVOR
      ```

zowe › endevor › delete

Delete an Element or a Package in Endevor.

zowe › endevor › delete › element

The delete element command deletes an Element from the specified inventory location in Endevor.

Usage

zowe endevor delete element <element> [options]

Positional Arguments

- `element` *(string)*

  - Name of the Endevor element.

endevor-location definition options

- `--environment` | `--env` *(string)*

  - The Endevor environment where your project resides.

- `--system` | `--sys` *(string)*

  - The Endevor system where your project resides.

- `--subsystem` | `--sub` *(string)*

  - The Endevor subsystem where your project resides.

- `--type` | `--typ` *(string)*

  - Name of the Endevor element's type.

- `--stage-number` | `--sn` *(string)*

  - The Endevor stage number where your project resides.

    Allowed values: 1, 2

- `--ccid` | `--cci` *(string)*

  - The CCID you want to use when performing an Element action.

- `--comment` | `--com` *(string)*

- The comment you want to have when performing an Element action

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

options

- `--proc-group` | `--pg` *(string)*

  - The Endevor processor group you would like to use.

- `--override-signout` | `--os` *(boolean)*

  - Specify if you want to override the Signout of an Endevor element while performing this action.

- `--only-components` | `--oc` *(boolean)*

  - Applicable for Endevor ACM users only. Indicates whether you want to delete both the Element component list and the Element, or the Element component list only. "No" is the default option

- `--where-ccid-all` | `--wca` *(string)*

  - Instructs Endevor to search both the Master Control File and the SOURCE DELTA levels for a specified CCIDs.
    Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-current` | `--wcc` *(string)*

  - Instructs Endevor to search through the CCID fields in the Master Control File to find a specified CCIDs.
    Accept up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-retrieve` | `--wcr` *(string)*

  - Instructs Endevor to use the CCID in the Master Control File RETRIEVE CCID field.
    Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-proc-group` | `--wpg` *(string)*

  - Lets you select Elements according to a specified Processor group. You can use a wildcard when specifying the Processor group name.
    Accepts up to 8 Processor group names separated by ", ".

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

- Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Delete element with endevor profile set up:

  - ```
    zowe endevor delete element elementName --env ENV --sn 1 --sys SYS --sub SUB
    --typ TYPE -i ENDEVOR
    ```

zowe › endevor › delete › package

The delete package command lets you delete Packages of any status type in Endevor.

Usage

zowe endevor delete package [package] [options]

Positional Arguments

- `package` *(string)*

  - Name of the Endevor package.

options

- `--status` | `--st` *(string)*

  - Specify the status of the packages. Valid values are [APPROVED, EXECFAILED] for
    execute action, and additional values [INEDIT, INAPPROVAL, INEXECUTION,
    EXECUTED, COMMITTED, DENIED] for list action, additional value [ALLSTATE] for
    delete action.
    It is possible to specify multiple status separated by "," during list and delete package.

    Allowed values: ALLSTATE, INEDIT, INAPPROVAL, APPROVED, INEXECUTION,
    EXECUTED, COMMITTED, DENIED, EXECFAILED

- `--older-than` | `--ot` *(number)*

  - Specifies the minimum age of the package.

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor-location definition options

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Delete package with endevor profile set up:

  - `zowe endevor delete package packageName -i ENDEVOR`

zowe › endevor › deny

Deny a Package in Endevor.

zowe › endevor › deny › package

The deny package command changes the status of a Package to Denied.

Usage

zowe endevor deny package [package] [options]

Positional Arguments

- `package` *(string)*

  - Name of the Endevor package.

options

- `--notes` | `-n` *(string)*

  - Notes for approve/deny package.

- `--notes-from-file` | `--nff` *(string)*

- Local file of notes for approve/deny package.

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor-location definition options

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

- Specify this option to have the server certificate verified against the list of supplied CAs
- `--base-path` | `--bp` *(string)*

    - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

    - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

    - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Deny package with endevor profile set up, specifying denial notes:

    - `zowe endevor deny package packageName -n "notes" -i ENDEVOR`

zowe › endevor › execute

Execute a Package in Endevor.

zowe › endevor › execute › package

The execute package command executes a Package that have a status of Approved or Execfailed.

Usage

zowe endevor execute package [package] [options]

Positional Arguments

- `package` *(string)*

  - Name of the Endevor package.

options

- `--from-date-time` | `--fdt` *(string)*

  - Specify the beginning of time frame within which the package can be executed. Use yyyy-mm-ddThh:mm or see ISO 8601 standard for syntax.

- `--to-date-time` | `--tdt` *(string)*

  - Specify the end of time frame within which the package can be executed. Use yyyy-mm-ddThh:mm or see ISO 8601 standard for syntax.

- `--status` | `--st` *(string)*

  - Specify the status of the packages. Valid values are [APPROVED, EXECFAILED] for execute action, and additional values [INEDIT, INAPPROVAL, INEXECUTION, EXECUTED, COMMITTED, DENIED] for list action, additional value [ALLSTATE] for delete action.
    It is possible to specify multiple status separated by "," during list and delete package.

    Allowed values: ALLSTATE, INEDIT, INAPPROVAL, APPROVED, INEXECUTION, EXECUTED, COMMITTED, DENIED, EXECFAILED

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

    - File name for saving output messages from Endevor locally.

endevor-location definition options

- `--maxrc` *(number)*

    - The return code of a failed action

- `--instance` | `-i` *(string)*

    - Specifies Endevor Web Services dataSource name.

endevor session definition options

- `--host` | `--hostname` *(string)*

    - Specifies the base host name.

- `--port` | `-p` *(string)*

    - Specifies the port number.

- `--protocol` | `--prot` *(string)*

    - Specifies the protocol used for connecting to Endevor Rest API

        Default value: https
        Allowed values: http, https

- `--user` | `--username` *(string)*

    - Specifies the user name.

- `--password` | `--pass` *(string)*

    - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

    - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Execute package with endevor profile set up, specifying the time frame within which to execute the Package:

  - `zowe endevor execute package packageName --fdt 2018-01-01T00:00 --tdt 2018-12-31T12:00 -i ENDEVOR`

zowe › endevor › generate

Generate an Element in Endevor.

zowe › endevor › generate › element

The generate element command executes the generate Processor for the current level of the Element.

Usage

zowe endevor generate element <element> [options]

Positional Arguments

- `element` *(string)*

    - Name of the Endevor element.

endevor-location definition options

- `--environment` | `--env` *(string)*

    - The Endevor environment where your project resides.

- `--system` | `--sys` *(string)*

    - The Endevor system where your project resides.

- `--subsystem` | `--sub` *(string)*

    - The Endevor subsystem where your project resides.

- `--type` | `--typ` *(string)*

    - Name of the Endevor element's type.

- `--stage-number` | `--sn` *(string)*

    - The Endevor stage number where your project resides.

        Allowed values: 1, 2

- `--ccid` | `--cci` *(string)*

    - The CCID you want to use when performing an Element action.

- `--comment` | `--com` *(string)*

    - The comment you want to have when performing an Element action

- `--maxrc` *(number)*

    - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

options

- `--proc-group` | `--pg` *(string)*

  - The Endevor processor group you would like to use.

- `--search` | `--sea` *(boolean)*

  - Enables the search through the Endevor map.

- `--copy-back` | `--cb` *(boolean)*

  - Specify if you want to copy the current level of the Element back to the FROM Stage,
    then perform this action. Do not use with --nosource option.

- `--override-signout` | `--os` *(boolean)*

  - Specify if you want to override the Signout of an Endevor element while performing this
    action.

- `--nosource` | `--ns` *(boolean)*

  - Specify if you want to have source-less Element. Do not use with --copy-back option.

- `--where-ccid-all` | `--wca` *(string)*

  - Instructs Endevor to search both the Master Control File and the SOURCE DELTA levels
    for a specified CCIDs.
    Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters
    in quotes.

- `--where-ccid-current` | `--wcc` *(string)*

  - Instructs Endevor to search through the CCID fields in the Master Control File to find a
    specified CCIDs.
    Accept up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in
    quotes.

- `--where-ccid-retrieve` | `--wcr` *(string)*

  - Instructs Endevor to use the CCID in the Master Control File RETRIEVE CCID field.
    Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters

in quotes.

- `--where-proc-group` | `--wpg` *(string)*

  - Lets you select Elements according to a specified Processor group. You can use a wildcard when specifying the Processor group name.
    Accepts up to 8 Processor group names separated by ", ".

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Generate an element with endevor profile set up, specifying option Copyback:

  - `zowe endevor generate element elementName --env ENV --sn 1 --sys SYS --sub SUB --typ TYPE --cb -i ENDEVOR`

zowe › endevor › list

List instances, elements, types, packages and inventory locations in Endevor.

zowe › endevor › list › elements

The list elements command lists element information in Endevor

Usage

zowe endevor list elements [element] [options]

Positional Arguments

- `element` *(string)*

    - Name of the Endevor element

endevor-location definition options

- `--environment` | `--env` *(string)*

    - The Endevor environment where your project resides.

- `--system` | `--sys` *(string)*

    - The Endevor system where your project resides.

- `--subsystem` | `--sub` *(string)*

    - The Endevor subsystem where your project resides.

- `--type` | `--typ` *(string)*

    - Name of the Endevor element's type.

- `--stage-number` | `--sn` *(string)*

    - The Endevor stage number where your project resides.

        Allowed values: *, \%, 1, 2

- `--maxrc` *(number)*

    - The return code of a failed action

- `--instance` | `-i` *(string)*

    - Specifies Endevor Web Services dataSource name.

options

- `--path` | `--pa` *(string)*

  - Specifies a PHYsical or LOGical path.

    Allowed values: log, phy

- `--return` | `--ret` *(string)*

  - Sets mapping options for returned results: return FIRst match or ALL matching results.

    Allowed values: fir, all

- `--search` | `--sea` *(boolean)*

  - Enables the search through the Endevor map.

- `--data` | `--dat` *(string)*

  - Allows to select the type of summary data returned in the element list (defaults to all).

    Default value: all
    Allowed values: all, bas, ele, comp

- `--where-ccid-current` | `--wcc` *(string)*

  - Instructs Endevor to search through the CCID fields in the Master Control File to find a specified CCIDs.
    Accept up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-generate` | `--wcg` *(string)*

  - Instructs Endevor to search using the generate CCID associated with an Element.
    Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-lastact` | `--wcla` *(string)*

  - Instructs Endevor to search using the last action CCID associated with an Element.
    Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-lastlvl` | `--wcll` *(string)*

- Instructs Endevor to search using the last level CCID associated with an Element. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-change` | `--wcchg` *(string)*

  - This option is only valid when the data option is ele or comp. Instructs Endevor to filter the results of the list data summary function that is based on the specified ccids. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-retrieve` | `--wcr` *(string)*

  - Instructs Endevor to use the CCID in the Master Control File RETRIEVE CCID field. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-proc-type` | `--wpt` *(string)*

  - Lets you select Elements according to a specified Processor type.

    Allowed values: GEN, GENERATE, MOV, MOVE, DEL, DELETE

- `--where-proc-group` | `--wpg` *(string)*

  - Lets you select Elements according to a specified Processor group. You can use a wildcard when specifying the Processor group name. Accepts up to 8 Processor group names separated by ", ".

scl generation options

- `--to-package` | `--tp` *(string)*

  - Specifies the package to which the SCL has to be appended. This option requires scl-action

- `--scl-action` | `--sa` *(string)*

  - Specifies the action for the SCL that has to be built.

    Allowed values: GENERATE, MOVE

output customization options

- `--full-output` | `--fo` *(boolean)*

- Specify this option if you want a full output of list action.

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List elements in Endevor from the specified inventory location with the endevor profile set up:

  - `zowe endevor list elements -i ENDEVOR --env ENVNAME --sn 1 --sys SYSNAME --sub SUBNAME --typ TYPENAME`

zowe › endevor › list › environments

The list environments command lists environments in Endevor

Usage

zowe endevor list environments [environment] [options]

Positional Arguments

- `environment` *(string)*

  - Name of the Endevor environment.

endevor-location definition options

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

options

- `--path` | `--pa` *(string)*

  - Specifies a PHYsical or LOGical path.

Allowed values: log, phy

- `--return` | `--ret` *(string)*

  - Sets mapping options for returned results: return FIRst match or ALL matching results.

    Allowed values: fir, all

- `--search` | `--sea` *(boolean)*

  - Enables the search through the Endevor map.

output customization options

- `--full-output` | `--fo` *(boolean)*

  - Specify this option if you want a full output of list action.

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

- Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

- Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all environments in Endevor with endevor profile set up:

  - `zowe endevor list environments -i ENDEVOR`

zowe › endevor › list › instances

The list instances command lists instances used by Endevor Web Services

Usage

zowe endevor list instances [options]

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

- - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

output customization options

- `--full-output` | `--fo` *(boolean)*

  - Specify this option if you want a full output of list action.

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

endevor-location definition options

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List instances with session specified:

```
zowe endevor list instances --host hostName --port 8080
```

zowe › endevor › list › packages

The list packages command lists package information in Endevor

Usage

zowe endevor list packages [package] [options]

Positional Arguments

- `package` *(string)*

  - Name of the Endevor package.

options

- `--status` | `--st` *(string)*

  - Specify the status of the packages. Valid values are [APPROVED, EXECFAILED] for execute action, and additional values [INEDIT, INAPPROVAL, INEXECUTION, EXECUTED, COMMITTED, DENIED] for list action, additional value [ALLSTATE] for delete action.
    It is possible to specify multiple status separated by "," during list and delete package.

    Allowed values: ALLSTATE, INEDIT, INAPPROVAL, APPROVED, INEXECUTION, EXECUTED, COMMITTED, DENIED, EXECFAILED

- `--type` | `-t` *(string)*

  - Specify the package type, where S = STANDARD and E = EMERGENCY, by default S is used.

    Allowed values: S, E

- `--enterprise` | `--ent` *(string)*

  - Specify to filter the list by enterprise Package parameter. A - All, E - Enterprise, X - eXclude.

    Allowed values: A, E, X

- `--promotion-status` | `--ps` *(string)*

- Specify to filter the list by promotion Package parameter. A - All, P - Promotion, X - eXclude.

  Allowed values: A, P, X

- `--prom-target-env` | `--pte` *(string)*

  - Promotion target environment. Specifies the promotion package target environment. This field only applies to promotion packages and can only be specified when the promotion package type is A or P.

- `--prom-target-stgID` | `--pts` *(string)*

  - Promotion target stage ID. Specifies the promotion package target stage ID. This field only applies to promotion packages and can only be specified when the promotion package type is A or P.

- `--approver` | `--apr` *(string)*

  - Specifies a one to eight character approver ID. Only one approver ID can be specified and name masking is not supported.

output customization options

- `--full-output` | `--fo` *(boolean)*

  - Specify this option if you want a full output of list action.

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor-location definition options

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all packages in Endevor with endevor profile set up:

  - `zowe endevor list packages -i ENDEVOR`

zowe › endevor › list › stages

The list stages command lists stages in Endevor

Usage

zowe endevor list stages [stage] [options]

Positional Arguments

- `stage` *(string)*

  - Name of the Endevor stage

endevor-location definition options

- `--environment` | `--env` *(string)*

  - The Endevor environment where your project resides.

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

options

- `--path` | `--pa` *(string)*

  - Specifies a PHYsical or LOGical path.

    Allowed values: log, phy

- `--return` | `--ret` *(string)*

  - Sets mapping options for returned results: return FIRst match or ALL matching results.

    Allowed values: fir, all

- `--search` | `--sea` *(boolean)*

  - Enables the search through the Endevor map.

output customization options

- `--full-output` | `--fo` *(boolean)*

  - Specify this option if you want a full output of list action.

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

- Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  o If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all stages in Endevor with endevor profile set up:

  o `zowe endevor list stages -i ENDEVOR`

zowe › endevor › list › subsystems

The list subsystems command lists subsystem information in Endevor

Usage

zowe endevor list subsystems [subsystem] [options]

Positional Arguments

- `subsystem` *(string)*

  o Name of the Endevor subsystem

endevor-location definition options

- `--environment` | `--env` *(string)*

  o The Endevor environment where your project resides.

- `--system` | `--sys` *(string)*

- ○ The Endevor system where your project resides.

- `--stage-number` | `--sn` *(string)*

  - ○ The Endevor stage number where your project resides.

    Allowed values: *, \%, 1, 2

- `--maxrc` *(number)*

  - ○ The return code of a failed action

- `--instance` | `-i` *(string)*

  - ○ Specifies Endevor Web Services dataSource name.

options

- `--path` | `--pa` *(string)*

  - ○ Specifies a PHYsical or LOGical path.

    Allowed values: log, phy

- `--return` | `--ret` *(string)*

  - ○ Sets mapping options for returned results: return FIRst match or ALL matching results.

    Allowed values: fir, all

- `--search` | `--sea` *(boolean)*

  - ○ Enables the search through the Endevor map.

output customization options

- `--full-output` | `--fo` *(boolean)*

  - ○ Specify this option if you want a full output of list action.

- `--suppress-messages` | `--sm` *(boolean)*

  - ○ Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - ○ File name for saving output messages from Endevor locally.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all subsystems in Endevor with endevor profile set up:

    - `zowe endevor list subsystems -i ENDEVOR`

zowe › endevor › list › systems

The list systems command lists system information in Endevor

Usage

zowe endevor list systems [system] [options]

Positional Arguments

- `system` *(string)*

    - Name of the Endevor system

endevor-location definition options

- `--environment` | `--env` *(string)*

    - The Endevor environment where your project resides.

- `--stage-number` | `--sn` *(string)*

    - The Endevor stage number where your project resides.

        Allowed values: *, \%, 1, 2

- `--maxrc` *(number)*

    - The return code of a failed action

- `--instance` | `-i` *(string)*

    - Specifies Endevor Web Services dataSource name.

options

- `--path` | `--pa` *(string)*

    - Specifies a PHYsical or LOGical path.

        Allowed values: log, phy

- `--return` | `--ret` *(string)*

  - Sets mapping options for returned results: return FIRst match or ALL matching results.

    Allowed values: fir, all

- `--search` | `--sea` *(boolean)*

  - Enables the search through the Endevor map.

output customization options

- `--full-output` | `--fo` *(boolean)*

  - Specify this option if you want a full output of list action.

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields.

In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all systems in Endevor with endevor profile set up:

  - `zowe endevor list systems -i ENDEVOR`

zowe › endevor › list › types

The list types command lists type information in Endevor

Usage

zowe endevor list types [type] [options]

Positional Arguments

- `type` *(string)*

  - Name of the Endevor type

endevor-location definition options

- `--environment` | `--env` *(string)*

    - The Endevor environment where your project resides.

- `--system` | `--sys` *(string)*

    - The Endevor system where your project resides.

- `--stage-number` | `--sn` *(string)*

    - The Endevor stage number where your project resides.

      Allowed values: *, \%, 1, 2

- `--maxrc` *(number)*

    - The return code of a failed action

- `--instance` | `-i` *(string)*

    - Specifies Endevor Web Services dataSource name.

options

- `--path` | `--pa` *(string)*

    - Specifies a PHYsical or LOGical path.

      Allowed values: log, phy

- `--return` | `--ret` *(string)*

    - Sets mapping options for returned results: return FIRst match or ALL matching results.

      Allowed values: fir, all

- `--search` | `--sea` *(boolean)*

    - Enables the search through the Endevor map.

output customization options

- `--full-output` | `--fo` *(boolean)*

    - Specify this option if you want a full output of list action.

- `--suppress-messages` | `--sm` *(boolean)*

- Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all types in Endevor with endevor profile set up:

  - `zowe endevor list types -i ENDEVOR`

zowe › endevor › move

Move an Element in Endevor.

zowe › endevor › move › element

The move element command moves Elements between inventory locations along a map.

Usage

zowe endevor move element <element> [options]

Positional Arguments

- `element` *(string)*

  - Name of the Endevor element.

endevor-location definition options

- `--environment` | `--env` *(string)*

  - The Endevor environment where your project resides.

- `--system` | `--sys` *(string)*

  - The Endevor system where your project resides.

- `--subsystem` | `--sub` *(string)*

  - The Endevor subsystem where your project resides.

- `--type` | `--typ` *(string)*

    - Name of the Endevor element's type.

- `--stage-number` | `--sn` *(string)*

    - The Endevor stage number where your project resides.

        Allowed values: 1, 2

- `--ccid` | `--cci` *(string)*

    - The CCID you want to use when performing an Element action.

- `--comment` | `--com` *(string)*

    - The comment you want to have when performing an Element action

- `--maxrc` *(number)*

    - The return code of a failed action

- `--instance` | `-i` *(string)*

    - Specifies Endevor Web Services dataSource name.

options

- `--proc-group` | `--pg` *(string)*

    - The Endevor processor group you would like to use.

- `--sync` | `-s` *(boolean)*

    - Specify if you want to synchronize source and current level of the Elements while
      performing this action.

- `--with-history` | `--wh` *(boolean)*

    - Specify if you want to preserve the change history of the Elements while performing this
      action.

- `--bypass-element-delete` | `--bed` *(boolean)*

    - Specify if you want to retain the Elements in the source Stage after successfully
      completing this action.

- `--retain-signout` | `--rs` *(boolean)*

- Specify if you want to retain the source location signouts for all Elements at the target location while performing this action.

- `--signout-to` | `--st` *(string)*

  - Specify if you want to sign all Elements out to the specified user ID at the target Stage while performing this action.

- `--jump` | `-j` *(boolean)*

  - Specify if you want to move Elements across Environments even if those Elements exist at an intermediate Stage that is not on the map, while performing this action.

- `--where-ccid-all` | `--wca` *(string)*

  - Instructs Endevor to search both the Master Control File and the SOURCE DELTA levels for a specified CCIDs.
    Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-current` | `--wcc` *(string)*

  - Instructs Endevor to search through the CCID fields in the Master Control File to find a specified CCIDs.
    Accept up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-retrieve` | `--wcr` *(string)*

  - Instructs Endevor to use the CCID in the Master Control File RETRIEVE CCID field.
    Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-proc-group` | `--wpg` *(string)*

  - Lets you select Elements according to a specified Processor group. You can use a wildcard when specifying the Processor group name.
    Accepts up to 8 Processor group names separated by ", ".

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

- File name for saving output messages from Endevor locally.

endevor session definition options

- `--host` | `--hostname` *(string)*

    - Specifies the base host name.

- `--port` | `-p` *(string)*

    - Specifies the port number.

- `--protocol` | `--prot` *(string)*

    - Specifies the protocol used for connecting to Endevor Rest API

        Default value: https
        Allowed values: http, https

- `--user` | `--username` *(string)*

    - Specifies the user name.

- `--password` | `--pass` *(string)*

    - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

    - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

    - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

    - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Move element from specified inventory location with endevor profile set up:

  - ```
    zowe endevor move element elementName --env ENV --sn 1 --sys SYS --sub SUB --typ TYPE -i ENDEVOR
    ```

zowe › endevor › print

Print an Element or a Component in Endevor.

zowe › endevor › print › components

The print component command prints selected component information about Element in Endevor.

Usage

zowe endevor print components <element> [options]

Positional Arguments

- `element` *(string)*

  - Name of the Endevor element.

endevor-location definition options

- `--environment` | `--env` *(string)*

    - The Endevor environment where your project resides.

- `--system` | `--sys` *(string)*

    - The Endevor system where your project resides.

- `--subsystem` | `--sub` *(string)*

    - The Endevor subsystem where your project resides.

- `--type` | `--typ` *(string)*

    - Name of the Endevor element's type.

- `--stage-number` | `--sn` *(string)*

    - The Endevor stage number where your project resides.

      Allowed values: 1, 2

- `--maxrc` *(number)*

    - The return code of a failed action

- `--instance` | `-i` *(string)*

    - Specifies Endevor Web Services dataSource name.

options

- `--level` | `--lev` *(number)*

    - Indicates the level number of the element (use along with the version option).

- `--element-version` | `--ev` *(number)*

    - Indicates the version number of the element (use along with the level option).

- `--print-comp` | `--pc` *(string)*

    - Specify the type of data to print out for print component command

      Default value: browse
      Allowed values: browse, changes, history, summary

- `--search` | `--sea` *(boolean)*

- - Enables the search through the Endevor map.

- `--noheadings` | `--nh` *(boolean)*

  - Specify to not print a header on each page.

- `--explode` | `--exp` | `--ex` *(boolean)*

  - Specify to print component info from ACMQ.

- `--where-ccid-current` | `--wcc` *(string)*

  - Instructs Endevor to search through the CCID fields in the Master Control File to find a specified CCIDs.
    Accept up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-all` | `--wca` *(string)*

  - Instructs Endevor to search both the Master Control File and the SOURCE DELTA levels for a specified CCIDs.
    Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-retrieve` | `--wcr` *(string)*

  - Instructs Endevor to use the CCID in the Master Control File RETRIEVE CCID field.
    Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-proc-group` | `--wpg` *(string)*

  - Lets you select Elements according to a specified Processor group. You can use a wildcard when specifying the Processor group name.
    Accepts up to 8 Processor group names separated by ", ".

output location options

- `--to-file` | `--tf` *(string)*

  - File name in which the command output will be stored.

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

- Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Print selected component information about Element with endevor profile set up:

    - `zowe endevor print components elementName --env ENV --sn 1 --sys SYS --sub SUB --typ TYPE -i ENDEVOR`

zowe › endevor › print › element

The print element command prints selected information about Element in Endevor.

Usage

zowe endevor print element <element> [options]

Positional Arguments

- `element` *(string)*

    - Name of the Endevor element.

endevor-location definition options

- `--environment` | `--env` *(string)*

- The Endevor environment where your project resides.

- `--system` | `--sys` *(string)*

  - The Endevor system where your project resides.

- `--subsystem` | `--sub` *(string)*

  - The Endevor subsystem where your project resides.

- `--type` | `--typ` *(string)*

  - Name of the Endevor element's type.

- `--stage-number` | `--sn` *(string)*

  - The Endevor stage number where your project resides.

    Allowed values: *, \%, 1, 2

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

options

- `--level` | `--lev` *(number)*

  - Indicates the level number of the element (use along with the version option).

- `--element-version` | `--ev` *(number)*

  - Indicates the version number of the element (use along with the level option).

- `--print` *(string)*

  - Specify the type of data to print out for print element command

    Default value: browse
    Allowed values: browse, changes, history, summary, master, listing

- `--list-string` | `--ls` *(string)*

  - Specifies the one to eight character text-string used to identify the listing data set to print.

- `--search` | `--sea` *(boolean)*

    - Enables the search through the Endevor map.

- `--noheadings` | `--nh` *(boolean)*

    - Specify to not print a header on each page.

- `--explode` | `--exp` | `--ex` *(boolean)*

    - Specify to print component info from ACMQ.

- `--where-ccid-current` | `--wcc` *(string)*

    - Instructs Endevor to search through the CCID fields in the Master Control File to find a specified CCIDs.
      Accept up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-all` | `--wca` *(string)*

    - Instructs Endevor to search both the Master Control File and the SOURCE DELTA levels for a specified CCIDs.
      Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-retrieve` | `--wcr` *(string)*

    - Instructs Endevor to use the CCID in the Master Control File RETRIEVE CCID field.
      Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-proc-group` | `--wpg` *(string)*

    - Lets you select Elements according to a specified Processor group. You can use a wildcard when specifying the Processor group name.
      Accepts up to 8 Processor group names separated by ", ".

output location options

- `--to-file` | `--tf` *(string)*

    - File name in which the command output will be stored.

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

- The name of a (endevor-location) profile to load for this command execution.

  - `--base-profile` | `--base-p` *(string)*

      - The name of a (base) profile to load for this command execution.

Base Connection Options

  - `--token-type` | `--tt` *(string)*

      - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

  - `--token-value` | `--tv` *(string)*

      - The value of the token to pass to the API.

  - `--cert-file` *(local file path)*

      - The file path to a certificate file to use for authentication

  - `--cert-key-file` *(local file path)*

      - The file path to a certificate key file to use for authentication

Examples

  - Print element from specified inventory location with endevor profile set up:

      - ```
        zowe endevor print element elementName --env ENV --sn 1 --sys SYS --sub SUB
        --typ TYPE -i ENDEVOR
        ```

zowe › endevor › queryacm

Query Elements and information about their components in Endevor.

zowe › endevor › queryacm › components

Query components used by a specified Element with the Endevor ACM Query facility.

Usage

zowe endevor queryacm components <element> [options]

Positional Arguments

- `element` *(string)*

  - Name of the Endevor element.

endevor-location definition options

- `--environment` | `--env` *(string)*

  - The Endevor environment where your project resides.

- `--system` | `--sys` *(string)*

  - The Endevor system where your project resides.

- `--subsystem` | `--sub` *(string)*

  - The Endevor subsystem where your project resides.

- `--type` | `--typ` *(string)*

  - Name of the Endevor element's type.

- `--stage-number` | `--sn` *(string)*

  - The Endevor stage number where your project resides.

    Allowed values: *, \%, 1, 2

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

options

- `--excCirculars` | `--exc` *(boolean)*

  - Filters the result to exclude components that have a circular relationship to the subject of your search.

- `--excIndirect` | `--exi` *(boolean)*

  - Filters the result to exclude indirectly related components.

- `--excRelated` | `--exr` *(boolean)*

- Filters the result to exclude related components.

output customization options

- `--full-output` | `--fo` *(boolean)*

  - Specify this option if you want a full output of list action.

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- query all the components used by element "elementName" from the specified inventory location with the endevor profile set up:

  - ```
    zowe endevor queryacm components elementName --env ENVNAME --sn 1 --sys
    SYSNAME --sub SUBNAME --typ TYPENAME -i ENDEVOR
    ```

zowe › endevor › reset

Reset a Package in Endevor.

zowe › endevor › reset › package

The reset package command lets you set the status of a Package back to In-edit so you can modify it.

Usage

zowe endevor reset package [package] [options]

Positional Arguments

- `package` *(string)*

  - Name of the Endevor package.

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor-location definition options

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

    - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

    - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

    - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Reset package with endevor profile set up:

    - `zowe endevor reset package packageName -i ENDEVOR`

zowe › endevor › retrieve

Retrieve an Element in Endevor.

zowe › endevor › retrieve › element

The retrieve element command retrieves an existing element in Endevor.

Usage

zowe endevor retrieve element <element> [options]

Positional Arguments

- `element` *(string)*

  - Name of the Endevor element.

endevor-location definition options

- `--environment` | `--env` *(string)*

  - The Endevor environment where your project resides.

- `--system` | `--sys` *(string)*

  - The Endevor system where your project resides.

- `--subsystem` | `--sub` *(string)*

  - The Endevor subsystem where your project resides.

- `--type` | `--typ` *(string)*

  - Name of the Endevor element's type.

- `--stage-number` | `--sn` *(string)*

  - The Endevor stage number where your project resides.

    Allowed values: *, \%, 1, 2

- `--ccid` | `--cci` *(string)*

  - The CCID you want to use when performing an Element action.

- `--comment` | `--com` *(string)*

  - The comment you want to have when performing an Element action

- `--maxrc` *(number)*

- The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

options

- `--element-version` | `--ev` *(number)*

  - Indicates the version number of the element (use along with the level option).

- `--level` | `--lev` *(number)*

  - Indicates the level number of the element (use along with the version option).

- `--override-signout` | `--os` *(boolean)*

  - Specify if you want to override the Signout of an Endevor element while performing this action.

- `--nosignout` | `--nsign` *(boolean)*

  - Specify if you want to perform the action without signing the element out.

- `--replace-member` | `--replace` | `--rm` *(boolean)*

  - Specify if you want to replace the member currently in the library with the new element contents

- `--expand-includes` | `--expand` | `--ei` *(boolean)*

  - Indicates that INCLUDE statements should be expanded in the course of the action.

- `--search` | `--sea` *(boolean)*

  - Enables the search through the Endevor map.

- `--where-ccid-all` | `--wca` *(string)*

  - Instructs Endevor to search both the Master Control File and the SOURCE DELTA levels for a specified CCIDs.
    Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-current` | `--wcc` *(string)*

- Instructs Endevor to search through the CCID fields in the Master Control File to find a specified CCIDs.
  Accept up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-retrieve` | `--wcr` *(string)*

  - Instructs Endevor to use the CCID in the Master Control File RETRIEVE CCID field.
    Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-proc-group` | `--wpg` *(string)*

  - Lets you select Elements according to a specified Processor group. You can use a wildcard when specifying the Processor group name.
    Accepts up to 8 Processor group names separated by ", ".

- `--get-fingerprint` | `--gfg` *(boolean)*

  - Return fingerprint of a retrieved, added or updated element as the first line of the response.

    Default value: false

output location options

- `--to-file` | `--tf` *(string)*

  - File name in which the command output will be stored.

- `--to-path` | `--tp` *(string)*

  - Provide a USS path to a destination location.

- `--to-uss-file` | `--tuf` *(string)*

  - Provide a USS file as a destination file.

- `--to-dataset` | `--td` *(string)*

  - Provide a destination data set name.

- `--to-member` | `--tm` *(string)*

  - Provide a destination member name inside the data set.

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

    - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

    - File name for saving output messages from Endevor locally.

bulk action options

- `--to-dir` | `--tdir` *(string)*

    - Directory name in which the command output will be stored.

- `--flat` *(boolean)*

    - Store the output of the bulk action within one folder. When you use this option, ensure that the results do not contain duplicate names. (Duplicate names occur when two or more Elements have the same name and type.)

- `--with-dependencies` | `--wd` *(boolean)*

    - Retrieve Elements, including their Endevor-managed input components.

- `--where-ccid-generate` | `--wcg` *(string)*

    - Instructs Endevor to search using the generate CCID associated with an Element. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-lastact` | `--wcla` *(string)*

    - Instructs Endevor to search using the last action CCID associated with an Element. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-lastlvl` | `--wcll` *(string)*

    - Instructs Endevor to search using the last level CCID associated with an Element. Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-change` | `--wcchg` *(string)*

- Instructs Endevor to filter the results of the list data summary function that is based on the specified ccids.
  Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Retrieve element from specified inventory location to local file with endevor profile set up:

  - ```
    zowe endevor retrieve element elementName --env ENVNAME --sn 1 --sys SYSNAME
    --sub SUBNAME --typ TYPENAME --tf localfile.txt -i ENDEVOR
    ```

- Bulk Retrieve elements with wildcarded element name and type, to local directory with endevor profile set up:

  - ```
    zowe endevor retrieve element "*" --env ENVNAME --sn 1 --sys SYSNAME --sub
    SUBNAME --typ "*" --to-dir /user/localdir -i ENDEVOR
    ```

zowe › endevor › signin

Signin an Element in Endevor.

zowe › endevor › signin › element

The signin element command signs in an existing element in Endevor.

Usage

zowe endevor signin element <element> [options]

Positional Arguments

- `element` *(string)*

  - Name of the Endevor element.

endevor-location definition options

- `--environment` | `--env` *(string)*

  - The Endevor environment where your project resides.

- `--system` | `--sys` *(string)*

  - The Endevor system where your project resides.

- `--subsystem` | `--sub` *(string)*

  - The Endevor subsystem where your project resides.

- `--type` | `--typ` *(string)*

  - Name of the Endevor element's type.

- `--stage-number` | `--sn` *(string)*

  - The Endevor stage number where your project resides.

    Allowed values: 1, 2

- `--ccid` | `--cci` *(string)*

  - The CCID you want to use when performing an Element action.

- `--comment` | `--com` *(string)*

  - The comment you want to have when performing an Element action

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

options

- `--proc-group` | `--pg` *(string)*

  - The Endevor processor group you would like to use.

- `--search` | `--sea` *(boolean)*

  - Enables the search through the Endevor map.

- `--override-signout` | `--os` *(boolean)*

  - Specify if you want to override the Signout of an Endevor element while performing this action.

- `--signout-to` | `--st` *(string)*

  - Specify if you want to sign all Elements out to the specified user ID at the target Stage while performing this action.

- `--where-ccid-all` | `--wca` *(string)*

  - Instructs Endevor to search both the Master Control File and the SOURCE DELTA levels for a specified CCIDs.
    Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-current` | `--wcc` *(string)*

  - Instructs Endevor to search through the CCID fields in the Master Control File to find a specified CCIDs.
    Accept up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-retrieve` | `--wcr` *(string)*

  - Instructs Endevor to use the CCID in the Master Control File RETRIEVE CCID field.
    Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-proc-group` | `--wpg` *(string)*

  - Lets you select Elements according to a specified Processor group. You can use a wildcard when specifying the Processor group name.
    Accepts up to 8 Processor group names separated by ", ".

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Signin element with endevor profile set up:

  - ```
    zowe endevor signin element elementName --env ENV --sn 1 --sys SYS --sub SUB
    --typ TYPE -i ENDEVOR
    ```

zowe › endevor › submit

Submit a Package or a SCL file in Endevor.

zowe › endevor › submit › package

The submit package command submits a JCL job stream to execute one or more Packages.

Usage

zowe endevor submit package [package] [options]

Positional Arguments

- `package` *(string)*

  - Name of the Endevor package.

input sources options

- `--from-file` | `--ff` *(string)*

  - Use this input to provide source file.

- `--from-dataset` | `--fd` *(string)*

  - Use this input to provide source data set name.

- `--from-member` | `--fm` *(string)*

  - Use this input to provide source member name in the data set.

output location options

- `--to-CA7` | `--t7` *(boolean)*

  - Specify to send the submission of the package to CA7 scheduler.

- `--to-ddname` | `--tdd` *(string)*

  - Send the submission of the package to be processed according to a DDName specified in the starter task (STC).

options

- `--status` | `--st` *(string)*

  - Specify the status of the packages. Valid values are [APPROVED, EXECFAILED] for execute action, and additional values [INEDIT, INAPPROVAL, INEXECUTION, EXECUTED, COMMITTED, DENIED] for list action, additional value [ALLSTATE] for delete action.
    It is possible to specify multiple status separated by "," during list and delete package.

    Allowed values: ALLSTATE, INEDIT, INAPPROVAL, APPROVED, INEXECUTION, EXECUTED, COMMITTED, DENIED, EXECFAILED

- `--multiple-streams` | `--ms` *(boolean)*

  - Specify to submit a separate, unique job for each package. If you do not specify this, a single job with a unique job step for each package is submitted.

- `--increment-jobname` | `--ij` *(boolean)*

  - Specify to increases the last character in the jobcard you provide.

- `--jcl-procedure` | `--jp` *(string)*

  - This option lets you to identify the name of the JCL procedure that you want to invoke. ENDEVOR is used by default if any processor is specified.

- `--CA7-dependent-job` | `--7dj` *(string)*

  - Specifies a single predecessor job which must complete while demanded job is waiting in the CA7 scheduler.

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor-location definition options

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

    - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

    - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

    - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Submit package using jobcard from local file, with endevor profile set up:

    - `zowe endevor submit package packageName --ff jobcardfile.txt -i ENDEVOR`

zowe › endevor › submit › scl

The submit scl commands submits a SCL file to be executed.

Usage

zowe endevor submit scl [options]

options

- `--scl-file` | `--sf` *(string)*

  - The file which contains the Endevor SCL you would like to submit.

- `--scl-type` | `--sclt` *(string)*

  - The category of Endevor SCL.

    Allowed values: list, element, package, admin, ship, addUpdRtv

input sources options

- `--from-file` | `--ff` *(string)*

  - Use this input to provide source file.

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor-location definition options

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Submit a SCL of type element, with endevor profile set up:

  - `zowe endevor submit scl --sf sclfile.txt --sclt element -i ENDEVOR`

zowe › endevor › transfer

Transfer an Element in Endevor.

zowe › endevor › transfer › element

The Transfer element command transfers Elements from one Endevor location to another.

Usage

zowe endevor transfer element <element> [options]

Positional Arguments

- `element` *(string)*

  - Name of the Endevor element.

endevor-location definition options

- `--environment` | `--env` *(string)*

  - The Endevor environment where your project resides.

- `--system` | `--sys` *(string)*

  - The Endevor system where your project resides.

- `--subsystem` | `--sub` *(string)*

  - The Endevor subsystem where your project resides.

- `--type` | `--typ` *(string)*

  - Name of the Endevor element's type.

- `--stage-number` | `--sn` *(string)*

  - The Endevor stage number where your project resides.

    Allowed values: 1, 2

- `--ccid` | `--cci` *(string)*

  - The CCID you want to use when performing an Element action.

- `--comment` | `--com` *(string)*

  - The comment you want to have when performing an Element action

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

output location options

- `--to-environment` | `--toenv` *(string)*

  - The target Endevor environment.

- `--to-system` | `--tosys` *(string)*

  - The target Endevor system.

- `--to-subsystem` | `--tosub` *(string)*

  - The target Endevor subsystem.

- `--to-element` | `--toele` *(string)*

  - The target Endevor element name.

- `--to-type` | `--totyp` *(string)*

    - The target Endevor element type.

- `--to-stage-number` | `--tosn` *(string)*

    - The target Endevor stage Id/number.

options

- `--proc-group` | `--pg` *(string)*

    - The Endevor processor group you would like to use.

- `--element-version` | `--ev` *(number)*

    - Indicates the version number of the element (use along with the level option).

- `--level` | `--lev` *(number)*

    - Indicates the level number of the element (use along with the version option).

- `--new-version` | `--nv` *(number)*

    - Assign a different version number to the Element.

- `--sync` | `-s` *(boolean)*

    - Specify if you want to synchronize source and current level of the Elements while performing this action.

- `--with-history` | `--wh` *(boolean)*

    - Specify if you want to preserve the change history of the Elements while performing this action.

- `--ignore-generate-failed` | `--igf` *(boolean)*

    - Process the transfer request regardless of whether the FAILED flag is set for the element or if the element was generated or moved successfully.

- `--bypass-element-delete` | `--bed` *(boolean)*

    - Specify if you want to retain the Elements in the source Stage after successfully completing this action.

- `--bypass-delete-proc` | `--bdp` *(boolean)*

- Specity to bypasses the execution of the delete processor.

- `--bypass-generate-proc` | `--bgp` *(boolean)*

  - Specify to bypasses the execution of the generate or move processor (whichever may be chosen) upon element transfer.

- `--retain-signout` | `--rs` *(boolean)*

  - Specify if you want to retain the source location signouts for all Elements at the target location while performing this action.

- `--signout-to` | `--st` *(string)*

  - Specify if you want to sign all Elements out to the specified user ID at the target Stage while performing this action.

- `--jump` | `-j` *(boolean)*

  - Specify if you want to move Elements across Environments even if those Elements exist at an intermediate Stage that is not on the map, while performing this action.

- `--where-proc-group` | `--wpg` *(string)*

  - Lets you select Elements according to a specified Processor group. You can use a wildcard when specifying the Processor group name.
    Accepts up to 8 Processor group names separated by ", ".

- `--where-ccid-all` | `--wca` *(string)*

  - Instructs Endevor to search both the Master Control File and the SOURCE DELTA levels for a specified CCIDs.
    Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-current` | `--wcc` *(string)*

  - Instructs Endevor to search through the CCID fields in the Master Control File to find a specified CCIDs.
    Accept up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-retrieve` | `--wcr` *(string)*

  - Instructs Endevor to use the CCID in the Master Control File RETRIEVE CCID field.
    Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters

in quotes.

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

    - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

    - File name for saving output messages from Endevor locally.

endevor session definition options

- `--host` | `--hostname` *(string)*

    - Specifies the base host name.

- `--port` | `-p` *(string)*

    - Specifies the port number.

- `--protocol` | `--prot` *(string)*

    - Specifies the protocol used for connecting to Endevor Rest API

      Default value: https
      Allowed values: http, https

- `--user` | `--username` *(string)*

    - Specifies the user name.

- `--password` | `--pass` *(string)*

    - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

    - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

- The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Transfer element from specified inventory location to 1 stage higher in map, with endevor profile set up:

  - `zowe endevor transfer element elementName --env ENV --sn 1 --tosn 2 --sys SYS --sub SUB --typ TYPE -i ENDEVOR`

zowe › endevor › update

Update an Element or a Package in Endevor.

zowe › endevor › update › element

The update element command updates an Element in the entry Stage, thereby creating a new level for the Element in the entry Stage.

Usage

zowe endevor update element <element> [options]

Positional Arguments

- `element` *(string)*

  - Name of the Endevor element.

input sources options

- `--from-file` | `--ff` *(string)*

  - Use this input to provide source file.

- `--from-dataset` | `--fd` *(string)*

  - Use this input to provide source data set name.

- `--from-member` | `--fm` *(string)*

  - Use this input to provide source member name in the data set.

- `--from-path` | `--fp` *(string)*

  - Use this input to provide the path of source USS file. It must be used with from-uss-file.

- `--from-uss-file` | `--fuf` *(string)*

  - Use this input to provide source USS file name. It must be used with from-path

endevor-location definition options

- `--environment` | `--env` *(string)*

  - The Endevor environment where your project resides.

- `--system` | `--sys` *(string)*

  - The Endevor system where your project resides.

- `--subsystem` | `--sub` *(string)*

  - The Endevor subsystem where your project resides.

- `--type` | `--typ` *(string)*

- Name of the Endevor element's type.

- `--ccid` | `--cci` *(string)*

  - The CCID you want to use when performing an Element action.

- `--comment` | `--com` *(string)*

  - The comment you want to have when performing an Element action

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

options

- `--override-signout` | `--os` *(boolean)*

  - Specify if you want to override the Signout of an Endevor element while performing this action.

- `--proc-group` | `--pg` *(string)*

  - The Endevor processor group you would like to use.

- `--generate` | `-g` *(boolean)*

  - Specifies if you want to Generate Element after Add/Update action.

- `--get-fingerprint` | `--gfg` *(boolean)*

  - Return fingerprint of a retrieved, added or updated element as the first line of the response.

    Default value: false

- `--fingerprint` | `--fg` *(string)*

  - Specifies the fingerprint of the element to Add or Update. Use value 'NEW' when adding a new element that shouldn't exist in the map yet.

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

    - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

    - File name for saving output messages from Endevor locally.

endevor session definition options

- `--host` | `--hostname` *(string)*

    - Specifies the base host name.

- `--port` | `-p` *(string)*

    - Specifies the port number.

- `--protocol` | `--prot` *(string)*

    - Specifies the protocol used for connecting to Endevor Rest API

        Default value: https
        Allowed values: http, https

- `--user` | `--username` *(string)*

    - Specifies the user name.

- `--password` | `--pass` *(string)*

    - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

    - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

    - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

- The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Update element from local file with endevor profile set up:

  - ```
    zowe endevor update element elementName --env ENV --sys SYS --sub SUB --typ
    TYPE --ff localfile.txt -i ENDEVOR
    ```

zowe › endevor › update › package

The update package command lets you update a package in Endevor.

Usage

zowe endevor update package [package] [options]

Positional Arguments

- `package` *(string)*

  - Name of the Endevor package.

input sources options

- `--from-file` | `--ff` *(string)*

  - Use this input to provide source file.

- `--from-dataset` | `--fd` *(string)*

  - Use this input to provide source data set name.

- `--from-member` | `--fm` *(string)*

  - Use this input to provide source member name in the data set.

- `--from-package` | `--fp` *(string)*

  - Directs the Create/Update action to copy the SCL from the package you specify into the package you are creating or updating.

- `--from-text` | `--ft` *(string)*

  - Provides a string to use as input SCL.

options

- `--description` | `-d` *(string)*

  - Allows you to associate a 50-character description when creating package.

- `--from-date-time` | `--fdt` *(string)*

  - Specify the beginning of time frame within which the package can be executed. Use yyyy-mm-ddThh:mm or see ISO 8601 standard for syntax.

- `--to-date-time` | `--tdt` *(string)*

  - Specify the end of time frame within which the package can be executed. Use yyyy-mm-ddThh:mm or see ISO 8601 standard for syntax.

- `--nobackout` | `--nb` *(boolean)*

  - Specify this option to NOT have backout facility available for this package.

- `--notes-from-file` | `--nff` *(string)*

  - Local file of notes for approve/deny package.

- `--type` | `-t` *(string)*

- Specify the package type, where S = STANDARD and E = EMERGENCY, by default S is used.

  Allowed values: S, E

- `--sharable` | `--sh` *(boolean)*

  - Specify this option if the package can be edited by more than one person when in In-edit status.

- `--append` | `-a` *(boolean)*

  - Specify this option to append the SCL you are adding to the existing package SCL. Otherwise it would be replaced.

- `--promotion` | `--pr` *(boolean)*

  - Specify this option to define the package as a promotion package.

- `--novalidate-scl` | `--nvs` *(boolean)*

  - Specify this option to NOT validate the package components while creating a package.

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor-location definition options

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

endevor session definition options

- `--host` | `--hostname` *(string)*

- Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

- - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Update package from local file with endevor profile set up:

  - `zowe endevor update package packageName --ff localfile.txt -i ENDEVOR`

zowe › endevor › view

View an Element or a Package SCL in Endevor.

zowe › endevor › view › element

The view element command views an existing element in Endevor.

Usage

zowe endevor view element <element> [options]

Positional Arguments

- `element` *(string)*

  - Name of the Endevor element.

endevor-location definition options

- `--environment` | `--env` *(string)*

  - The Endevor environment where your project resides.

- `--system` | `--sys` *(string)*

- - The Endevor system where your project resides.

- `--subsystem` | `--sub` *(string)*

    - The Endevor subsystem where your project resides.

- `--type` | `--typ` *(string)*

    - Name of the Endevor element's type.

- `--stage-number` | `--sn` *(string)*

    - The Endevor stage number where your project resides.

        Allowed values: 1, 2

- `--ccid` | `--cci` *(string)*

    - The CCID you want to use when performing an Element action.

- `--comment` | `--com` *(string)*

    - The comment you want to have when performing an Element action

- `--maxrc` *(number)*

    - The return code of a failed action

- `--instance` | `-i` *(string)*

    - Specifies Endevor Web Services dataSource name.

options

- `--element-version` | `--ev` *(number)*

    - Indicates the version number of the element (use along with the level option).

- `--level` | `--lev` *(number)*

    - Indicates the level number of the element (use along with the version option).

- `--search` | `--sea` *(boolean)*

    - Enables the search through the Endevor map.

- `--where-ccid-all` | `--wca` *(string)*

- Instructs Endevor to search both the Master Control File and the SOURCE DELTA levels for a specified CCIDs.
  Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-current` | `--wcc` *(string)*

  - Instructs Endevor to search through the CCID fields in the Master Control File to find a specified CCIDs.
    Accept up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-ccid-retrieve` | `--wcr` *(string)*

  - Instructs Endevor to use the CCID in the Master Control File RETRIEVE CCID field.
    Accepts up to 8 CCIDs separated by ", ". Enclose CCIDs that contain special characters in quotes.

- `--where-proc-group` | `--wpg` *(string)*

  - Lets you select Elements according to a specified Processor group. You can use a wildcard when specifying the Processor group name.
    Accepts up to 8 Processor group names separated by ", ".

output location options

- `--to-file` | `--tf` *(string)*

  - File name in which the command output will be stored.

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

  - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

  - File name for saving output messages from Endevor locally.

endevor session definition options

- `--host` | `--hostname` *(string)*

  - Specifies the base host name.

- `--port` | `-p` *(string)*

  - Specifies the port number.

- `--protocol` | `--prot` *(string)*

  - Specifies the protocol used for connecting to Endevor Rest API

    Default value: https
    Allowed values: http, https

- `--user` | `--username` *(string)*

  - Specifies the user name.

- `--password` | `--pass` *(string)*

  - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

  - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- View element from specified inventory location to local file with endevor profile set up:

  - ```
    zowe endevor view element elementName --env ENV --sn 1 --sys SYS --sub SUB --typ TYPE --tf localfile.txt -i ENDEVOR
    ```

zowe › endevor › view › pkgscl

The view pkgscl command views the SCL of an existing package in Endevor.

Usage

zowe endevor view pkgscl [package] [options]

Positional Arguments

- `package` *(string)*

  - Name of the Endevor package.

endevor-location definition options

- `--maxrc` *(number)*

  - The return code of a failed action

- `--instance` | `-i` *(string)*

  - Specifies Endevor Web Services dataSource name.

output location options

- `--to-file` | `--tf` *(string)*

- File name in which the command output will be stored.

output customization options

- `--suppress-messages` | `--sm` *(boolean)*

    - Suppress all [INFO]/[WARN] messages from terminal output.

- `--file-name` | `--fn` *(string)*

    - File name for saving output messages from Endevor locally.

endevor session definition options

- `--host` | `--hostname` *(string)*

    - Specifies the base host name.

- `--port` | `-p` *(string)*

    - Specifies the port number.

- `--protocol` | `--prot` *(string)*

    - Specifies the protocol used for connecting to Endevor Rest API

      Default value: https
      Allowed values: http, https

- `--user` | `--username` *(string)*

    - Specifies the user name.

- `--password` | `--pass` *(string)*

    - Specifies the user's password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Specify this option to have the server certificate verified against the list of supplied CAs

- `--base-path` | `--bp` *(string)*

    - Specifies the base path used for connecting to Endevor Rest API

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

- The name of a (endevor) profile to load for this command execution.

- `--endevor-location-profile` | `--endevor-location-p` *(string)*

  - The name of a (endevor-location) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- View SCL of package "packageName" in the console with endevor profile set up:

  - `zowe endevor view pkgscl packageName -i ENDEVOR`

zowe › endevor-bridge-for-git

Use the CA Endevor Bridge for Git plug-in to manage your Git-Endevor mappings and build your local Git changes before synchronizing them to Endevor.

zowe › endevor-bridge-for-git › build

Build changes from git local repository in Endevor

zowe › endevor-bridge-for-git › build › execute

Build changes against remote git repository's CA Endevor Bridge for Git synchronized branch, using work area or build subsystem.It does not support autogen for building dependencies.

Usage

zowe endevor-bridge-for-git build execute [options]

Required Options

- `--endevor-instance` | `--endevori` *(string)*

    - The CA Endevor Web Services dataSource name.

Endevor work area options

- `--work-area-id` | `--waid` *(string)*

    - Endevor work area ID. Name-masking is not allowed.

- `--endevor-subsystem` | `--endevorsub` *(string)*

    - The CA Endevor SCM build subsystem. Note: The build subsystem can be cleared without prior permission.

- `--endevor-environment` | `--endevorenv` *(string)*

    - The CA Endevor SCM environment where your build subsystem resides.

- `--endevor-system` | `--endevorsys` *(string)*

    - The CA Endevor SCM system where your build subsystem resides.

Options

- `--work-dir` | `--wd` *(string)*

  - The local working directory of your Git-Endevor mapping that you are building.

    Default value: ./

- `--listing-dir` *(string)*

  - Specify the directory where you would like to have your build outputs downloaded

    Default value: .endevor/listings

- `--listing-rc` *(number)*

  - All the elements that have a generate result equal to or greater than "listing-rc" will have their build outputs downloaded into "listing-dir"

    Default value: 4

- `--force-cleanup` | `--fc` *(boolean)*

  - Starts the build process after cleaning the build subsystem.

    Default value: false

Endevor options (alternatively use an 'endevor' profile)

- `--endevor-protocol` | `--endevorprot` *(string)*

  - The CA Endevor SCM Rest API protocol.

    Default value: http

    Allowed values: http, https

- `--endevor-host` | `--endevorh` *(string)*

  - The Endevor Rest API hostname.

- `--endevor-port` | `--endevorp` *(number)*

  - The Endevor Rest API port.

- `--endevor-user` | `--endevoru` *(string)*

  - Mainframe (Endevor) username, which can be the same as your TSO login.

- `--endevor-password` | `--endevorpass` | `--endevorpw` *(string)*

  - Mainframe (Endevor) password, which can be the same as your TSO password.

- `--endevor-reject-unauthorized` | `--endevorru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--endevor-base-path` | `--endevorbp` *(string)*

  - The CA Endevor SCM Rest API base path.

    Default value: EndevorService/rest

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

Default value: true

- `--token-type` | `--tt` *(string)*

  ○ The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  ○ The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  ○ The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  ○ The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  ○ Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  ○ The command response output format type. Must be one of the following:

  table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

  list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

  object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

  string: Formats output data as a string. JSON objects/arrays are stringified.

  Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

- If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Compile the changed elements in the current Git working directory using the work area "WORKAREA1" and an existing Endevor profile:

    - ```
      zowe endevor-bridge-for-git build execute --endevor-instance INSTANCE --work-area-id WORKAREA1
      ```

- Compile the changed elements in the current Git working directory using the build subsystem "SUBNAME" and an existing Endevor profile:

    - ```
      zowe endevor-bridge-for-git build execute --endevor-instance INSTANCE --endevor-subsystem SUBNAME --endevor-environment ENVNAME --endevor-system SYSNAME
      ```

zowe › endevor-bridge-for-git › build › job-report

Get the report after executing 'build job-submit' command. This this command must be issued to finalize processing.

Usage

zowe endevor-bridge-for-git build job-report [options]

Required Options

- `--endevor-instance` | `--endevori` *(string)*

    - The CA Endevor Web Services dataSource name.

Options

- `--work-dir` | `--wd` *(string)*

    - The local working directory of your Git-Endevor mapping that you are building.

        Default value: ./

- `--listing-dir` *(string)*

    - Specify the directory where you would like to have your build outputs downloaded

        Default value: .endevor/listings

- `--listing-rc` *(number)*

  - All the elements that have a generate result equal to or greater than "listing-rc" will have their build outputs downloaded into "listing-dir"

    Default value: 4

Endevor options (alternatively use an 'endevor' profile)

- `--endevor-protocol` | `--endevorprot` *(string)*

  - The CA Endevor SCM Rest API protocol.

    Default value: http

    Allowed values: http, https

- `--endevor-host` | `--endevorh` *(string)*

  - The Endevor Rest API hostname.

- `--endevor-port` | `--endevorp` *(number)*

  - The Endevor Rest API port.

- `--endevor-user` | `--endevoru` *(string)*

  - Mainframe (Endevor) username, which can be the same as your TSO login.

- `--endevor-password` | `--endevorpass` | `--endevorpw` *(string)*

  - Mainframe (Endevor) password, which can be the same as your TSO password.

- `--endevor-reject-unauthorized` | `--endevorru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--endevor-base-path` | `--endevorbp` *(string)*

  - The CA Endevor SCM Rest API base path.

    Default value: EndevorService/rest

z/OSMF connection options (alternatively use a 'zosmf' profile)

- `--zosmf-host` | `--zosmfh` *(string)*

- The z/OSMF server host name.

- `--zosmf-port` | `--zosmfp` *(number)*

    - The z/OSMF server port.

      Default value: 443

- `--zosmf-user` | `--zosmfu` *(string)*

    - Mainframe (z/OSMF) username, which can be the same as your TSO login.

- `--zosmf-password` | `--zosmfpass` | `--zosmfpw` *(string)*

    - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--zosmf-reject-unauthorized` | `--zosmfru` *(boolean)*

    - Reject self-signed certificates.

      Default value: true

- `--zosmf-base-path` | `--zosmfbp` *(string)*

    - The base path for your API mediation layer instance. Specify this option toprepend the base path to all z/OSMF resources when making REST requests. Do notspecify this option if you are not using an API mediation layer.

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

    - The name of a (endevor) profile to load for this command execution.

- `--zosmf-profile` | `--zosmf-p` *(string)*

    - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Get the reports from the build job submitted by 'build job-submit' command from git working directory "/endevor/ebg/repository" using existing Endevor and z/OSMF profiles:

  - ```
    zowe endevor-bridge-for-git build job-report --wd "C:\endevor\ebg\dir"
    ```

zowe › endevor-bridge-for-git › build › job-submit

Build changes from git local repository in Endevor by submitting a job. It supports autogen for building dependencies using with the option of selecting autogen span. After submitting, the command 'build job-report' must be issued to finalize processing.

Usage

zowe endevor-bridge-for-git build job-submit [options]

Required Options

- `--endevor-instance` | `--endevori` *(string)*

  - The CA Endevor Web Services dataSource name.

- `--skeleton-jcl` | `--sjcl` *(string)*

  - The path of the file of skeleton JCL to submit endevor scl statements. Download it from: https://techdocs.broadcom.com/content/broadcom/techdocs/us/en/ca-mainframe-software/devops/ca-endevor-integrations-for-enterprise-devops/1-0/ca-endevor-bridge-

Endevor work area options

- `--work-area-id` | `--waid` *(string)*

  - Endevor work area ID. Name-masking is not allowed.

- `--endevor-subsystem` | `--endevorsub` *(string)*

  - The CA Endevor SCM build subsystem. Note: The build subsystem can be cleared without prior permission.

- `--endevor-environment` | `--endevorenv` *(string)*

  - The CA Endevor SCM environment where your build subsystem resides.

- `--endevor-system` | `--endevorsys` *(string)*

  - The CA Endevor SCM system where your build subsystem resides.

Options

- `--work-dir` | `--wd` *(string)*

  - The local working directory of your Git-Endevor mapping that you are building.

    Default value: ./

- `--force-cleanup` | `--fc` *(boolean)*

  - Starts the build process after cleaning the build subsystem.

    Default value: false

- `--autogen-span` | `--ags` *(string)*

  - Specifies the autogen action option to automatically generate using elements. The allowed values which have the following meaning: NONE - Generates all elements that use the component being acted upon. ALL - Generates using elements that are found in any System and Subsystem combinations within the Environment and Stage of the component's logical map. SYSTEMS - Generates using elements that are found in any System, provided the element's Subsystem name matches the name of the Subsystem of the target component.

SUBSYSTEMS - Generates using elements from all Subsystems with the same-named System of the component specified.

Default value: NONE
Allowed values: NONE, ALL, SYSTEMS, SUBSYSTEMS

Endevor options (alternatively use an 'endevor' profile)

- `--endevor-protocol` | `--endevorprot` *(string)*

    - The CA Endevor SCM Rest API protocol.

        Default value: http

        Allowed values: http, https

- `--endevor-host` | `--endevorh` *(string)*

    - The Endevor Rest API hostname.

- `--endevor-port` | `--endevorp` *(number)*

    - The Endevor Rest API port.

- `--endevor-user` | `--endevoru` *(string)*

    - Mainframe (Endevor) username, which can be the same as your TSO login.

- `--endevor-password` | `--endevorpass` | `--endevorpw` *(string)*

    - Mainframe (Endevor) password, which can be the same as your TSO password.

- `--endevor-reject-unauthorized` | `--endevorru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--endevor-base-path` | `--endevorbp` *(string)*

    - The CA Endevor SCM Rest API base path.

        Default value: EndevorService/rest

z/OSMF connection options (alternatively use a 'zosmf' profile)

- `--zosmf-host` | `--zosmfh` *(string)*

- The z/OSMF server host name.

- `--zosmf-port` | `--zosmfp` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--zosmf-user` | `--zosmfu` *(string)*

  - Mainframe (z/OSMF) username, which can be the same as your TSO login.

- `--zosmf-password` | `--zosmfpass` | `--zosmfpw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--zosmf-reject-unauthorized` | `--zosmfru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--zosmf-base-path` | `--zosmfbp` *(string)*

  - The base path for your API mediation layer instance. Specify this option toprepend the base path to all z/OSMF resources when making REST requests. Do notspecify this option if you are not using an API mediation layer.

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Compile the changed elements at "/endevor/ebg/repository" using work area with ID "WORKAREA1", jcl skeleton at "/endevor/jcl/jcl.txt" and existing Endevor and z/OSMF profiles:

  - ```
    zowe endevor-bridge-for-git build job-submit --skeleton-jcl
    /endevor/jcl/jcl.txt --work-area-id WORKAREA1 --work-dir
    /endevor/ebg/repository
    ```

- Compile the changed elements at "/endevor/ebg/repository" using build subsystem "SUBNAME", jcl skeleton at "/endevor/jcl/jcl.txt" and existing Endevor and z/OSMF profiles:

  - ```
    zowe endevor-bridge-for-git build job-submit --skeleton-jcl
    /endevor/jcl/jcl.txt --endevor-subsystem SUBNAME --endevor-environment
    ENVNAME --endevor-system SYSNAME --work-dir /endevor/ebg/repository
    ```

zowe › endevor-bridge-for-git › endevor-connection

Manage connections to Endevor Web Services used by CA Endevor Bridge for Git.

zowe › endevor-bridge-for-git › endevor-connection › create

Create new Endevor connection for CA Endevor Bridge for Git.

Usage

zowe endevor-bridge-for-git endevor-connection create <connection> [options]

Positional Arguments

- `connection` *(string)*

    - Endevor connection name.

Options

- `--endevor-instance` | `--endevori` *(string)*

    - The CA Endevor Web Services dataSource name.

Endevor options (alternatively use an 'endevor' profile)

- `--endevor-protocol` | `--endevorprot` *(string)*

    - The CA Endevor SCM Rest API protocol.

        Default value: http

        Allowed values: http, https

- `--endevor-host` | `--endevorh` *(string)*

    - The Endevor Rest API hostname.

- `--endevor-port` | `--endevorp` *(number)*

    - The Endevor Rest API port.

- `--endevor-user` | `--endevoru` *(string)*

    - Mainframe (Endevor) username, which can be the same as your TSO login.

- `--endevor-password` | `--endevorpass` | `--endevorpw` *(string)*

    - Mainframe (Endevor) password, which can be the same as your TSO password.

- `--endevor-reject-unauthorized` | `--endevorru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--endevor-base-path` | `--endevorbp` *(string)*

- The CA Endevor SCM Rest API base path.

    Default value: EndevorService/rest

CA Endevor Bridge for Git connection options (alternatively use an 'ebg' profile)

- `--protocol` | `--prot` *(string)*

  - The Endevor Bridge for Git SCM protocol.

    Default value: http

    Allowed values: http, https

- `--host` | `-H` *(string)*

  - The Endevor Bridge for Git hostname.

- `--port` | `-P` *(number)*

  - The Endevor Bridge for Git port.

- `--user` | `-u` *(string)*

  - Endevor Bridge for Git username (your git username).

- `--token` | `-t` *(string)*

  - Git personal access token (it can be obtained from your Git Enterprise Server).

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: false

Profile Options

- `--ebg-profile` | `--ebg-p` *(string)*

  - The name of a (ebg) profile to load for this command execution.

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Create the Endevor connection 'MY-CONNECTION' using the default EBG and Endevor profile:

  - `zowe endevor-bridge-for-git endevor-connection create MY-CONNECTION --endevor-instance INSTANCE`

- Create the Endevor connection 'MY-CONNECTION' using the default EBG profile:

  - `zowe endevor-bridge-for-git endevor-connection create MY-CONNECTION --endevor-protocol http --endevor-host endevor-host --endevor-port 12345 --endevor-instance INSTANCE`

- Create the Endevor connection 'MY-CONNECTION' using the default Endevor profile:

  - `zowe endevor-bridge-for-git endevor-connection create MY-CONNECTION --protocol http --host bridge-host --port 8080 --endevor-instance INSTANCE`

zowe › endevor-bridge-for-git › endevor-connection › delete

Delete existing Endevor connection defined to CA Endevor Bridge for Git.

Usage

zowe endevor-bridge-for-git endevor-connection delete <connection> [options]

Positional Arguments

- `connection` *(string)*

  - Endevor connection name.

CA Endevor Bridge for Git connection options (alternatively use an 'ebg' profile)

- `--protocol` | `--prot` *(string)*

  - The Endevor Bridge for Git SCM protocol.

    Default value: http

    Allowed values: http, https

- `--host` | `-H` *(string)*

  - The Endevor Bridge for Git hostname.

- `--port` | `-P` *(number)*

  - The Endevor Bridge for Git port.

- `--user` | `-u` *(string)*

  - Endevor Bridge for Git username (your git username).

- `--token` | `-t` *(string)*

  - Git personal access token (it can be obtained from your Git Enterprise Server).

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: false

Profile Options

- `--ebg-profile` | `--ebg-p` *(string)*

- The name of a (ebg) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Delete the Endevor connection using the default EBG profile:

  - `zowe endevor-bridge-for-git endevor-connection delete MY-CONNECTION`

- Delete the Endevor connection without an EBG profile:

  - `zowe endevor-bridge-for-git endevor-connection delete MY-CONNECTION --protocol http --host my-host --port 8080 --user my-git-username --token 1234567890`

zowe › endevor-bridge-for-git › endevor-connection › list

List Endevor connections used by CA Endevor Bridge for Git.

Usage

zowe endevor-bridge-for-git endevor-connection list [options]

CA Endevor Bridge for Git connection options (alternatively use an 'ebg' profile)

- `--protocol` | `--prot` *(string)*

    - The Endevor Bridge for Git SCM protocol.

        Default value: http

        Allowed values: http, https

- `--host` | `-H` *(string)*

    - The Endevor Bridge for Git hostname.

- `--port` | `-P` *(number)*

    - The Endevor Bridge for Git port.

- `--user` | `-u` *(string)*

    - Endevor Bridge for Git username (your git username).

- `--token` | `-t` *(string)*

    - Git personal access token (it can be obtained from your Git Enterprise Server).

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: false

Profile Options

- `--ebg-profile` | `--ebg-p` *(string)*

    - The name of a (ebg) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--password` | `--pass` | `--pw` *(string)*

- Password to authenticate to service on the mainframe.

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

- If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all the Endevor connections using the default EBG profile:

  - `zowe endevor-bridge-for-git endevor-connection list`

- List all the Endevor connections without an EBG profile:

  - `zowe endevor-bridge-for-git endevor-connection list --protocol http --host my-host --port 8080 --user my-git-username --token 1234567890`

zowe › endevor-bridge-for-git › endevor-connection › rename

Rename existing Endevor connection defined to CA Endevor Bridge for Git.

Usage

zowe endevor-bridge-for-git endevor-connection rename <connection> <new-connection> [options]

Positional Arguments

- `connection` *(string)*

  - Endevor connection name.

- `new-connection` *(string)*

  - New Endevor connection name.

CA Endevor Bridge for Git connection options (alternatively use an 'ebg' profile)

- `--protocol` | `--prot` *(string)*

  - The Endevor Bridge for Git SCM protocol.

    Default value: http

    Allowed values: http, https

- `--host` | `-H` *(string)*

  - The Endevor Bridge for Git hostname.

- `--port` | `-P` *(number)*

- The Endevor Bridge for Git port.

- `--user` | `-u` *(string)*

  - Endevor Bridge for Git username (your git username).

- `--token` | `-t` *(string)*

  - Git personal access token (it can be obtained from your Git Enterprise Server).

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: false

Profile Options

- `--ebg-profile` | `--ebg-p` *(string)*

  - The name of a (ebg) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Rename the Endevor connection using the default EBG profile:

  - `zowe endevor-bridge-for-git endevor-connection rename MY-CONNECTION NEW-NAME`

- Rename the Endevor connection without an EBG profile:

  - `zowe endevor-bridge-for-git endevor-connection rename MY-CONNECTION NEW-NAME --protocol http --host my-host --port 8080 --user my-git-username --token 1234567890`

zowe › endevor-bridge-for-git › endevor-connection › update-credentials

Update your Endevor credentials for the Endevor connection.

Usage

zowe endevor-bridge-for-git endevor-connection update-credentials <connection> [options]

Positional Arguments

- `connection` *(string)*

  - Endevor connection name.

Endevor options (alternatively use an 'endevor' profile)

- `--endevor-user` | `--endevoru` *(string)*

  - Mainframe (Endevor) username, which can be the same as your TSO login.

- `--endevor-password` | `--endevorpass` | `--endevorpw` *(string)*

  - Mainframe (Endevor) password, which can be the same as your TSO password.

CA Endevor Bridge for Git connection options (alternatively use an 'ebg' profile)

- `--protocol` | `--prot` *(string)*

  - The Endevor Bridge for Git SCM protocol.

    Default value: http

    Allowed values: http, https

- `--host` | `-H` *(string)*

- The Endevor Bridge for Git hostname.

- `--port` | `-P` *(number)*

  - The Endevor Bridge for Git port.

- `--user` | `-u` *(string)*

  - Endevor Bridge for Git username (your git username).

- `--token` | `-t` *(string)*

  - Git personal access token (it can be obtained from your Git Enterprise Server).

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: false

Profile Options

- `--ebg-profile` | `--ebg-p` *(string)*

  - The name of a (ebg) profile to load for this command execution.

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Update the Endevor credentials for the Endevor connection MY-CONNECTION using the default EBG and Endevor profile:

    - ```
      zowe endevor-bridge-for-git endevor-connection update-credentials MY-
      CONNECTION
      ```

- Update the Endevor credentials for the Endevor connection MY-CONNECTION using the default EBG profile but not using an Endevor profile:

    - ```
      zowe endevor-bridge-for-git endevor-connection update-credentials MY-
      CONNECTION --endevor-user my-user --endevor-password my-password
      ```

zowe › endevor-bridge-for-git › endevor-credentials

Manage your Endevor credentials stored in CA Endevor Bridge for Git. [Deprecated]

zowe › endevor-bridge-for-git › endevor-credentials › update

Update your Endevor credentials for a Git-Endevor mapping.

Usage

zowe endevor-bridge-for-git endevor-credentials update <context> <mapping> [options]

Positional Arguments

- `context` *(string)*

    - Git-Endevor mapping context (ID of the organization, project, team or owner of the Git repository).

- `mapping` *(string)*

    - Git-Endevor mapping name (ID of the Git repository).

Endevor options (alternatively use an 'endevor' profile)

- `--endevor-user` | `--endevoru` *(string)*

    - Mainframe (Endevor) username, which can be the same as your TSO login.

- `--endevor-password` | `--endevorpass` | `--endevorpw` *(string)*

    - Mainframe (Endevor) password, which can be the same as your TSO password.

CA Endevor Bridge for Git connection options (alternatively use an 'ebg' profile)

- `--protocol` | `--prot` *(string)*

    - The Endevor Bridge for Git SCM protocol.

        Default value: http

        Allowed values: http, https

- `--host` | `-H` *(string)*

    - The Endevor Bridge for Git hostname.

- `--port` | `-P` *(number)*

    - The Endevor Bridge for Git port.

- `--user` | `-u` *(string)*

    - Endevor Bridge for Git username (your git username).

- `--token` | `-t` *(string)*

    - Git personal access token (it can be obtained from your Git Enterprise Server).

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: false

Profile Options

- `--ebg-profile` | `--ebg-p` *(string)*

    - The name of a (ebg) profile to load for this command execution.

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Update the Endevor credentials for the Git-Endevor mapping 'MY-CONTEXT / MY-MAPPING' using the default EBG and Endevor profile:

  - `zowe endevor-bridge-for-git endevor-credentials update MY-CONTEXT MY-MAPPING`

- Update the Endevor credentials for the Git-Endevor mapping 'MY-CONTEXT / MY-MAPPING' using the default EBG profile but not using an Endevor profile:

  - `zowe endevor-bridge-for-git endevor-credentials update MY-CONTEXT MY-MAPPING --endevor-user my-user --endevor-password my-password`

zowe › endevor-bridge-for-git › mapping

Manage the Git-Endevor mappings.

zowe › endevor-bridge-for-git › mapping › add-element

Add an element from up the map in your CA Endevor to your Git repository.

Usage

zowe endevor-bridge-for-git mapping add-element <context> <mapping> [options]

Positional Arguments

- `context` *(string)*

    - Git-Endevor mapping context (ID of the organization, project, team or owner of the Git repository).

- `mapping` *(string)*

    - Git-Endevor mapping name (ID of the Git repository).

Options

- `--element-name` | `--name` *(string)*

    - The name of the CA Endevor element you want to add.

- `--element-type` | `--type` *(string)*

    - The type of the CA Endevor element you want to add

- `--endevor-system` | `--endevorsys` *(string)*

    - The CA Endevor system where your element resides.

- `--endevor-subsystem` | `--endevorsub` *(string)*

    - The CA Endevor subsystem where your element resides.

- `--withDependencies` *(boolean)*

    - If specified, the requested element will be added with dependencies (eg. COBOL copybooks).

        Default value: false

- `--force-get-dependencies` | `--force` *(boolean)*

- If specified, the maximum number of dependencies will be bypassed. This only applies to the repository administrator.

    Default value: false

- `--validate` *(boolean)*

    - If specified, the requested elements will be validated against CA Endevor.

    Default value: false

- `--branchId` *(string)*

    - If specified, the requested elements will be added to the selected branch.

- `--all-branches` *(boolean)*

    - If specified, the requested elements will be added to all synchronized branches in your repository.

    Default value: false

- `--file` | `--fn` *(local file path)*

    - If specified, the elements to add will be read from file. Make sure that the file is in the correct format as specified in the documentation.

Endevor options (alternatively use an 'endevor' profile)

- `--endevor-protocol` | `--endevorprot` *(string)*

    - The CA Endevor SCM Rest API protocol.

    Default value: http

    Allowed values: http, https

- `--endevor-host` | `--endevorh` *(string)*

    - The Endevor Rest API hostname.

- `--endevor-port` | `--endevorp` *(number)*

    - The Endevor Rest API port.

- `--endevor-user` | `--endevoru` *(string)*

    - Mainframe (Endevor) username, which can be the same as your TSO login.

- `--endevor-password` | `--endevorpass` | `--endevorpw` *(string)*

  - Mainframe (Endevor) password, which can be the same as your TSO password.

- `--endevor-reject-unauthorized` | `--endevorru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--endevor-base-path` | `--endevorbp` *(string)*

  - The CA Endevor SCM Rest API base path.

    Default value: EndevorService/rest

CA Endevor Bridge for Git connection options (alternatively use an 'ebg' profile)

- `--protocol` | `--prot` *(string)*

  - The Endevor Bridge for Git SCM protocol.

    Default value: http

    Allowed values: http, https

- `--host` | `-H` *(string)*

  - The Endevor Bridge for Git hostname.

- `--port` | `-P` *(number)*

  - The Endevor Bridge for Git port.

- `--user` | `-u` *(string)*

  - Endevor Bridge for Git username (your git username).

- `--token` | `-t` *(string)*

  - Git personal access token (it can be obtained from your Git Enterprise Server).

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: false

Profile Options

- `--ebg-profile` | `--ebg-p` *(string)*

  - The name of a (ebg) profile to load for this command execution.

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Add an element 'MY-ELEMENT-TYPE / MY-ELEMENT-NAME' for your mapping 'MY-CONTEXT / MY-MAPPING':

  - `zowe endevor-bridge-for-git mapping add-element MY-CONTEXT MY-MAPPING --name MY-ELEMENT-NAME --type MY-ELEMENT-TYPE`

- Add multiple elements for your mapping 'MY-CONTEXT / MY-MAPPING' from file:

- ```
  zowe endevor-bridge-for-git mapping add-element MY-CONTEXT MY-MAPPING --
  fileName MY-FILEPATH.json
  ```

zowe › endevor-bridge-for-git › mapping › create

Create a Git-Endevor mapping

Usage

zowe endevor-bridge-for-git mapping create [options]

Options

- `--remote-url` | `--url` *(string)*

    - Git repository remote URL

- `--connection` *(string)*

    - Endevor connection name.

- `--endevor-instance` | `--endevori` *(string)*

    - The CA Endevor Web Services dataSource name.

- `--endevor-system` | `--endevorsys` *(string)*

    - The CA Endevor system where your project resides.

- `--endevor-subsystem` | `--endevorsub` *(string)*

    - The CA Endevor subsystem where your project resides.

- `--system-alias` *(string)*

    - The alias of CA Endevor system.

- `--subsystem-alias` *(string)*

    - The alias of CA Endevor subsystem.

- `--endevor-environment` | `--endevorenv` *(string)*

    - The CA Endevor environment where your project resides.

- `--branch` | `-b` *(string)*

- Name of the synchronized branch in the Git repository.

    Default value: master

- `--only-work-environment` *(boolean)*

    - If specified, only elements from the Endevor work environment will be synchronized.

    Default value: false

- `--read-only` *(boolean)*

    - If specified, it is necessary to use the option --endevor-stage-number. The synchronized elements will be read-only.

- `--endevor-stage-number` | `--endevorsn` *(string)*

    - The CA Endevor stage where your project resides (only for read only mappings).

- `--type-filter` *(string)*

    - Type filter

- `--json-file` | `--json` *(local file path)*

    - Mapping JSON file to import

Endevor options (alternatively use an 'endevor' profile)

- `--endevor-protocol` | `--endevorprot` *(string)*

    - The CA Endevor SCM Rest API protocol.

    Default value: http

    Allowed values: http, https

- `--endevor-host` | `--endevorh` *(string)*

    - The Endevor Rest API hostname.

- `--endevor-port` | `--endevorp` *(number)*

    - The Endevor Rest API port.

- `--endevor-user` | `--endevoru` *(string)*

    - Mainframe (Endevor) username, which can be the same as your TSO login.

- `--endevor-password` | `--endevorpass` | `--endevorpw` *(string)*

  - Mainframe (Endevor) password, which can be the same as your TSO password.

- `--endevor-reject-unauthorized` | `--endevorru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--endevor-base-path` | `--endevorbp` *(string)*

  - The CA Endevor SCM Rest API base path.

    Default value: EndevorService/rest

CA Endevor Bridge for Git connection options (alternatively use an 'ebg' profile)

- `--protocol` | `--prot` *(string)*

  - The Endevor Bridge for Git SCM protocol.

    Default value: http

    Allowed values: http, https

- `--host` | `-H` *(string)*

  - The Endevor Bridge for Git hostname.

- `--port` | `-P` *(number)*

  - The Endevor Bridge for Git port.

- `--user` | `-u` *(string)*

  - Endevor Bridge for Git username (your git username).

- `--token` | `-t` *(string)*

  - Git personal access token (it can be obtained from your Git Enterprise Server).

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: false

Profile Options

- `--ebg-profile` | `--ebg-p` *(string)*

  - The name of a (ebg) profile to load for this command execution.

- `--endevor-profile` | `--endevor-p` *(string)*

  - The name of a (endevor) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Create the Git-Endevor mapping 'MY-CONTEXT / MY-MAPPING' using the default EBG and Endevor profile:

  - `zowe endevor-bridge-for-git mapping create --remote-url https://git-server-enterprise.com/my-context/my-mapping.git --endevor-instance INSTANCE --endevor-environment ENVNAME --endevor-system SYSNAME --endevor-subsystem SUBNAME`

- Create the Git-Endevor mapping 'MY-CONTEXT / MY-MAPPING' using the default EBG and Endevor profile:

  - ```
    zowe endevor-bridge-for-git mapping create --remote-url https://git-server-
    enterprise.com/my-context/my-mapping.git --connection endevor-connection-name
    --endevor-environment ENVNAME --endevor-system SYSNAME --endevor-subsystem
    SUBNAME
    ```

- Create the read-only Git-Endevor mapping 'MY-CONTEXT / MY-MAPPING' using the default EBG and Endevor profile:

  - ```
    zowe endevor-bridge-for-git mapping create --remote-url https://git-server-
    enterprise.com/my-context/my-mapping.git --endevor-instance INSTANCE --
    endevor-environment ENVNAME --endevor-system SYSNAME --endevor-subsystem
    SUBNAME --read-only --endevor-stage-number 2
    ```

- Create the Git-Endevor mapping with importing a mapping file:

  - ```
    zowe endevor-bridge-for-git mapping create --json-file my-mapping.json
    ```

zowe › endevor-bridge-for-git › mapping › delete

Delete a Git-Endevor mapping

Usage

zowe endevor-bridge-for-git mapping delete <context> <mapping> [options]

Positional Arguments

- `context` *(string)*

  - Git-Endevor mapping context (ID of the organization, project, team or owner of the Git repository).

- `mapping` *(string)*

  - Git-Endevor mapping name (ID of the Git repository).

CA Endevor Bridge for Git connection options (alternatively use an 'ebg' profile)

- `--protocol` | `--prot` *(string)*

  - The Endevor Bridge for Git SCM protocol.

    Default value: http

Allowed values: http, https

- `--host` | `-H` *(string)*

  - The Endevor Bridge for Git hostname.

- `--port` | `-P` *(number)*

  - The Endevor Bridge for Git port.

- `--user` | `-u` *(string)*

  - Endevor Bridge for Git username (your git username).

- `--token` | `-t` *(string)*

  - Git personal access token (it can be obtained from your Git Enterprise Server).

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: false

Profile Options

- `--ebg-profile` | `--ebg-p` *(string)*

  - The name of a (ebg) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Delete the Git-Endevor mapping 'MY-CONTEXT / MY-MAPPING' using the default EBG profile:

  - ```
    zowe endevor-bridge-for-git mapping delete MY-CONTEXT MY-MAPPING
    ```

zowe › endevor-bridge-for-git › mapping › list

List Git-Endevor mappings. If the mapping contains multiple systems and/or subsystems, the field 'system' and 'subsystem' will contain the value 'multi'.

Usage

zowe endevor-bridge-for-git mapping list [options]

Options

- `--view` | `-v` *(string)*

  - Type of detail to be displayed.

    Default value: default
    Allowed values: default, endevor, all

- `--export` *(boolean)*

  - Export list of mapping to a json file.

    Default value: false

CA Endevor Bridge for Git connection options (alternatively use an 'ebg' profile)

- `--protocol` | `--prot` *(string)*

  - The Endevor Bridge for Git SCM protocol.

    Default value: http

Allowed values: http, https

- `--host` | `-H` *(string)*

  - The Endevor Bridge for Git hostname.

- `--port` | `-P` *(number)*

  - The Endevor Bridge for Git port.

- `--user` | `-u` *(string)*

  - Endevor Bridge for Git username (your git username).

- `--token` | `-t` *(string)*

  - Git personal access token (it can be obtained from your Git Enterprise Server).

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: false

Profile Options

- `--ebg-profile` | `--ebg-p` *(string)*

  - The name of a (ebg) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all the Git-Endevor mappings using the default EBG profile:

  - `zowe endevor-bridge-for-git mapping list`

- List all the Git-Endevor mappings and show their Endevor details using the default EBG profile:

  - `zowe endevor-bridge-for-git mapping list --view endevor`

- List all the Git-Endevor mappings and show all their details using the default EBG profile:

  - `zowe endevor-bridge-for-git mapping list --view all`

- List all the Git-Endevor mappings without an EBG profile:

  - `zowe endevor-bridge-for-git mapping list --protocol http --host my-host --port 8080 --user my-git-username --token 1234567890`

zowe › endevor-bridge-for-git › processor-group

Manage the processor groups of your mapping

zowe › endevor-bridge-for-git › processor-group › list

List processor groups used by a type in your mapping

Usage

zowe endevor-bridge-for-git processor-group list [options]

Options

- `--work-dir` | `--wd` *(string)*

  - The local working directory of your Git-Endevor mapping.

    Default value: ./

- `--endevor-system` | `--endevorsys` *(string)*

  - The CA Endevor system or alias of the system where your project resides.

- `--endevor-subsystem` | `--endevorsub` *(string)*

  - The CA Endevor subsystem or alias of the subsystem where your project resides.

- `--type` | `--type` *(string)*

  - The type of the CA Endevor element

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all the processor groups used by a type in your mapping for a single system/subsystem mapping.:

  - `zowe endevor-bridge-for-git processor-group list --type TYPE`

- List all the processor groups used by a type in your mapping for a multi system/subsystem mapping.:

  - `zowe endevor-bridge-for-git processor-group list --endevorsys SYSTEM --endevorsub SUBSYSTEM --type TYPE`

zowe › endevor-bridge-for-git › processor-group › update

Update the processor group of a specific element in your local repository

Usage

zowe endevor-bridge-for-git processor-group update <element> <processor-group> [options]

Positional Arguments

- `element` *(string)*

  - The name of the CA Endevor element that its processor group will be modified

- `processor-group` *(string)*

  - The name of the processor group you want to use

Options

- `--work-dir` | `--wd` *(string)*

  - The local working directory of your Git-Endevor mapping.

    Default value: ./

- `--endevor-system` | `--endevorsys` *(string)*

  - The CA Endevor system or alias of the system where your project resides.

- `--endevor-subsystem` | `--endevorsub` *(string)*

  - The CA Endevor subsystem or alias of the subsystem where your project resides.

- `--type` | `--type` *(string)*

  - The type of the CA Endevor element

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

- The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

    - If "--response-format-type table" is specified, include the column headers in the output.

zowe › endevor-bridge-for-git › processor-group › update-all

Update the processor group of all changed elements of a specific type

Usage

zowe endevor-bridge-for-git processor-group update-all <processor-group> [options]

Positional Arguments

- `processor-group` *(string)*

    - The name of the processor group you want to use

Options

- `--work-dir` | `--wd` *(string)*

    - The local working directory of your Git-Endevor mapping.

      Default value: ./

- `--endevor-system` | `--endevorsys` *(string)*

    - The CA Endevor system or alias of the system where your project resides.

- `--endevor-subsystem` | `--endevorsub` *(string)*

- The CA Endevor subsystem or alias of the subsystem where your project resides.

- `--type` | `--type` *(string)*

  - The type of the CA Endevor element

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

zowe › endevor-bridge-for-git › work-area

Use an Endevor work area from the list defined by your administrator.

zowe › endevor-bridge-for-git › work-area › list

List Endevor work areas.

Usage

zowe endevor-bridge-for-git work-area list [work-area-id] [options]

Positional Arguments

- `work-area-id` *(string)*

    - Specify to list only one Endevor work area ID. Name-masking is not allowed.

Options

- `--work-dir` | `--wd` *(string)*

    - The local working directory of your Git-Endevor mapping that you are building.

      Default value: ./

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

    - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

    - The command response output format type. Must be one of the following:

      table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

      list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

      object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

      string: Formats output data as a string. JSON objects/arrays are stringified.

      Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

- If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Show the details of all the work areas in the current working directory:

  - `zowe endevor-bridge-for-git work-area list`

- Show the details of work area with ID "WORKAREA1":

  - `zowe endevor-bridge-for-git work-area list WORKAREA1`

zowe › endevor-bridge-for-git › work-area › reserve

Reserve the first found available Endevor work area. When success, returns the reserved work area id

Usage

zowe endevor-bridge-for-git work-area reserve [work-area-id] [options]

Positional Arguments

- `work-area-id` *(string)*

  - Reserve the Endevor work area with the ID specified. Name-masking is not allowed.

Required Options

- `--endevor-instance` | `--endevori` *(string)*

  - The CA Endevor Web Services dataSource name.

Options

- `--work-dir` | `--wd` *(string)*

  - The local working directory of your Git-Endevor mapping that you are building.

    Default value: ./

Endevor options (alternatively use an 'endevor' profile)

- `--endevor-protocol` | `--endevorprot` *(string)*

  - The CA Endevor SCM Rest API protocol.

Default value: http

Allowed values: http, https

- `--endevor-host` | `--endevorh` *(string)*

    - The Endevor Rest API hostname.

- `--endevor-port` | `--endevorp` *(number)*

    - The Endevor Rest API port.

- `--endevor-user` | `--endevoru` *(string)*

    - Mainframe (Endevor) username, which can be the same as your TSO login.

- `--endevor-password` | `--endevorpass` | `--endevorpw` *(string)*

    - Mainframe (Endevor) password, which can be the same as your TSO password.

- `--endevor-reject-unauthorized` | `--endevorru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--endevor-base-path` | `--endevorbp` *(string)*

    - The CA Endevor SCM Rest API base path.

        Default value: EndevorService/rest

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

    - The name of a (endevor) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

      Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Reserve the first found available Endevor work area using an existing Endevor profile:

    - `zowe endevor-bridge-for-git work-area reserve --endevor-instance ENDEVOR`

- Reserve the work area with ID "WORKAREA1", if available, using an existing Endevor profile:

    - `zowe endevor-bridge-for-git work-area reserve WORKAREA1 --endevor-instance ENDEVOR`

zowe › endevor-bridge-for-git › work-area › unreserve

Unreserve an Endevor work area.

Usage

zowe endevor-bridge-for-git work-area unreserve <work-area-id> [options]

Positional Arguments

- `work-area-id` *(string)*

  - Endevor work area ID. Name-masking is not allowed.

Required Options

- `--endevor-instance` | `--endevori` *(string)*

  - The CA Endevor Web Services dataSource name.

Options

- `--work-dir` | `--wd` *(string)*

  - The local working directory of your Git-Endevor mapping that you are building.

    Default value: ./

Endevor options (alternatively use an 'endevor' profile)

- `--endevor-protocol` | `--endevorprot` *(string)*

  - The CA Endevor SCM Rest API protocol.

    Default value: http

    Allowed values: http, https

- `--endevor-host` | `--endevorh` *(string)*

  - The Endevor Rest API hostname.

- `--endevor-port` | `--endevorp` *(number)*

  - The Endevor Rest API port.

- `--endevor-user` | `--endevoru` *(string)*

  - Mainframe (Endevor) username, which can be the same as your TSO login.

- `--endevor-password` | `--endevorpass` | `--endevorpw` *(string)*

    - Mainframe (Endevor) password, which can be the same as your TSO password.

- `--endevor-reject-unauthorized` | `--endevorru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--endevor-base-path` | `--endevorbp` *(string)*

    - The CA Endevor SCM Rest API base path.

        Default value: EndevorService/rest

Profile Options

- `--endevor-profile` | `--endevor-p` *(string)*

    - The name of a (endevor) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Unreserve work area with id "WORKAREA1" using an existing Endevor profile:

    - `zowe endevor-bridge-for-git work-area unreserve WORKAREA1 --endevor-instance ENDEVOR`

zowe › file-master-plus

CA File Master Plus command line interface is a file management and data manipulation tool.
It speeds up file creation and manipulates virtual storage access method (VSAM), sequential and partitioned data sets.
It also supports symbolic access to data via layouts and data manipulation like selection of records in data sets.

zowe › file-master-plus › copy

Copy data from a data set and optionally filter or modify the copied data by using selection criteria.

zowe › file-master-plus › copy › data-set

Copy from a data set to another data set.
If the <to> data set does not exist, CA File Master Plus automatically creates a new data set using the attributes of <from> data set.
It supports all data set types that are supported by CA File Master Plus.

Usage

zowe file-master-plus copy data-set <from> <to> [options]

Positional Arguments

- `from` *(string)*

    - Specifies the name of the data set to copy from.

- `to` *(string)*

    - Specifies the name of the data set to copy to.

Options

- `--members` | `-m` *(array)*

    - Specifies the members that you want to copy from the data set. To rename the member, specify a new member name after the delimiter ','.If this parameter is not specified all the members are copied.
    Note: This parameter only applies to a PDS or PDSE.

Example: --mem mem1,newmem1 mem2. Here 'mem2' is copied as it is, and 'mem1' is renamed as 'newmem1'.

- `--generation` | `-g` *(string)*

  - Specifies the PDSE V2 generation number that you want to copy from the data set from. Note: This parameter should only be specified if data set from is PDSEV2. If not specified and data set from is a PDSE V2 then current generation, i.e. generation 0, is copied. If generation is negative specifies Relative generation, positive specifies Absolute generation, * specifies all generations and 0 specifies current generation.
    Example1: --generation *. All generations of member(s) is copied.
    Example2: --generation -1. Relative generation -1 of member(s) is copied.
    Example3: --generation 4. Absolute generation 4 of member(s) is copied.
    Allowed values: '*','range from -2000000000 to 2000000000'

- `--replace` | `-r` *(string)*

  - Replace resource-specific items in the target data set. Note: Used only if the target data set is a PDS or a VSAM KSDS.
    Example: -r n.

    Default value: y
    Allowed values: y, n

- `--static-selection-criteria` | `--ssc` *(string)*

  - Specifies the name of pre-defined CA File Master Plus selection criteria. The name refers to a member in the defaultselection criteria data set as defined in the FMM_CLIST parameter in CA File Master Plus server.
    Example: --ssc testcri

- `--dynamic-selection-criteria` | `--dsc` *(string)*

  - Specifies path of the .txt file where the dynamic selection criteria exist. Ensure the format of the file is identical to the static selection criteria created by CA File Master Plus. If the selection criteria refer to field names in a Cobol or PL/I copybook, use the --layout-member and --layout-data-set parameters to name the copybook location.
    Example: --dsc ../selcri/testcri.txt

- `--layout-member` | `--lm` *(string)*

  - Specifies name of the Cobol or PL/I copybook.
    Example: -lm testlay.

- `--layout-data-set` | `--lds` *(string)*

  - Specifies name of the data set that contains the layout member.
    Example: -lds fmmvs.layout.dataset.

FMP Connection Options

- `--host` | `-H` *(string)*

  - Specifies CA File Master Plus server host name.

- `--port` | `-P` *(number)*

  - Specifies CA File Master Plus server port.

- `--user` | `-u` *(string)*

  - Specifies Mainframe user name. May be the same as TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Specifies Mainframe password. May be the same as TSO password.

- `--protocol` | `-o` *(string)*

  - Specifies CA File Master Plus REST API protocol.

    Default value: https
    Allowed values: http, https

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile` | `--fmp-p` *(string)*

  - The name of a (fmp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Copying a data set:

  - `zowe file-master-plus copy data-set fmmvs.pds1 fmmvs.pds2`

- Copying a data set with dynamic selection criteria:

  - `zowe file-master-plus copy data-set fmmvs.from.ps fmmvs.to.ps --lds fmmvs.layout.dataset --lm testlay --dsc ./fmmvs/selcri/testcri`

- Copying a PDSE V2 data set with all generations:

  - `zowe file-master-plus copy data-set fmmvs.from.psdsev2 fmmvs.to.psdsev2 --generation *`

zowe › file-master-plus › create

Create a data set.

zowe › file-master-plus › create › large-format-sequential

Create a large format sequential data set.

Usage

zowe file-master-plus create large-format-sequential <name> [options]

Positional Arguments

- `name` *(string)*

    - Specifies the name of the data set to create.

Options

- `--model` | `-m` *(string)*

    - Specifies the name of a model large format sequential data set name for allocating parameters.
      The parameters of the model data set override all defaults.
      Example: -m fmmvs.model.dsname

- `--logical-record-length` | `--lrecl` | `--lrl` *(number)*

    - Specifies the length of the logical record.
      Allowed values: 1-32760
      Default value: 80
      Example: --lrecl 80

- `--block-size` | `--blksize` | `--bs` *(number)*

    - Specifies the size of the block of records.
      Allowed values: 1-32760
      Default value: 6160
      Example: --blksize 6160

- `--record-format` | `--recfm` | `--rf` *(string)*

    - Specifies the record format.
      The allowed values which have the following meaning:
      F - Fixed-length records
      V - Variable-length records
      U - Undefined-length records
      B - Records are blocked
      A - Records contain ASCII printer control characters
      M - Records contain machine code control characters
      S - For variable-length records, records may span blocks
      T - Records may be written into overflow tracks

Default value: FB

Example: --recfm FB

Allowed values: F, FA, FM, FB, FBA, FBM, FS, FSA, FSM, FT, FTA, FTM, FBS, FBT, U, UA, UM, UT, UTA, UTM, V, VA, VM, VB, VBA, VBM, VS, VSA, VSM, VT, VTA, VTM, VBS, VBT

- `--space-units` | `--su` *(string)*

  - Specifies the space allocation unit.
    The allowed values which have the following meaning:
    TRK - Tracks
    CYL - Cylinders
    BLK - Blocksize
    Default value: CYL
    Example: --su blk

    Allowed values: TRK, CYL, BLK

- `--primary-space` | `--ps` *(number)*

  - Specifies primary space allocation unit.
    Allowed values: 1-16777215
    Default value: 1
    Example: --ps 3

- `--secondary-space` | `--ss` *(number)*

  - Specifies secondary space allocation unit.
    Allowed values: 1-16777215
    Default value: 1
    Example: --ss 5

- `--volume` | `-v` *(array)*

  - Specifies a disk volume or specific tapes.
    Example: -v vol002

- `--unit-type` | `--ut` *(string)*

  - Specifies the DASD unit name.
    Example: --ut sysda

- `--expiration-date` | `--ed` *(string)*

- Specifies the expiration date after which the data set can be deleted.
Specify 'P' or 'p' to make the data set permanent, or an expiration date in YYYY-MM-DD format.
Example: --ed 2032-07-31

- `--storage-class` | `--sc` *(string)*

  - Specifies the storage class.
Example: --sc scl002

- `--management-class` | `--mc` *(string)*

  - Specifies the management class.
Example: --mc mcl002

- `--data-class` | `--dc` *(string)*

  - Specifies the data class.
Example: --dc dcl002

FMP Connection Options

- `--host` | `-H` *(string)*

  - Specifies CA File Master Plus server host name.

- `--port` | `-P` *(number)*

  - Specifies CA File Master Plus server port.

- `--user` | `-u` *(string)*

  - Specifies Mainframe user name. May be the same as TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Specifies Mainframe password. May be the same as TSO password.

- `--protocol` | `-o` *(string)*

  - Specifies CA File Master Plus REST API protocol.

    Default value: https
    Allowed values: http, https

- `--reject-unauthorized` | `--ru` *(boolean)*

- Reject self-signed certificates.

  Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile` | `--fmp-p` *(string)*

  - The name of a (fmp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Creating a large format sequential data set with default option values:

  - `zowe file-master-plus create large-format-sequential fmmvs.test.dsname`

- Creating a large format sequential data set with options:

```
zowe file-master-plus create large-format-sequential fmmvs.test.dsname --
lrecl 180 --blksize 32720 --recfm vb --ps 5 --ss 5 -v vol005 --su trk --ed
2025-09-27
```

- Creating a large format sequential data set like a model large format sequential data set:

  ```
  zowe file-master-plus create large-format-sequential fmmvs.test.dsname --
  model fmmvs.model.dsname
  ```

- Creating a large format sequential data set like a model large format sequential data set and overriding the parameters with options:

  ```
  zowe file-master-plus create large-format-sequential fmmvs.test.dsname --
  model fmmvs.model.dsname --lrecl 180 --recfm VB --ps 5 --ss 5 --ed p
  ```

zowe › file-master-plus › create › like-model

Create a data set by allocating parameters from a model data set.

Usage

zowe file-master-plus create like-model <name> <model> [options]

Positional Arguments

- `name` *(string)*

  - Specifies the name of the data set to create.

- `model` *(string)*

  - Specifies the name of the model data set.

FMP Connection Options

- `--host` | `-H` *(string)*

  - Specifies CA File Master Plus server host name.

- `--port` | `-P` *(number)*

  - Specifies CA File Master Plus server port.

- `--user` | `-u` *(string)*

  - Specifies Mainframe user name. May be the same as TSO login.
```

- `--password` | `--pass` | `--pw` *(string)*

  - Specifies Mainframe password. May be the same as TSO password.

- `--protocol` | `-o` *(string)*

  - Specifies CA File Master Plus REST API protocol.

    Default value: https
    Allowed values: http, https

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

## Profile Options

- `--fmp-profile` | `--fmp-p` *(string)*

  - The name of a (fmp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

## Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

**Examples**

- Creating a data set like a model data set:

    - ```
      zowe file-master-plus create like-model fmmvs.create.dsname
      fmmvs.model.dsname
      ```

zowe › file-master-plus › create › partitioned-data-set

Create a partitioned data set.

Usage

zowe file-master-plus create partitioned-data-set <name> [options]

Positional Arguments

- `name` *(string)*

    - Specifies the name of the data set to create.

Options

- `--model` | `-m` *(string)*

    - Specifies the name of a model partitioned data set for allocating parameters.
      The parameters of the model data set override all defaults.
      Example: -m fmmvs.model.dsname

- `--logical-record-length` | `--lrecl` | `--lrl` *(number)*

    - Specifies the length of the logical record.
      Allowed values: 1-32760
      Default value: 80
      Example: --lrecl 80

- `--block-size` | `--blksize` | `--bs` *(number)*

    - Specifies the size of the block of records.
      Allowed values: 1-32760

Default value: 6160
Example: --blksize 6160

- `--record-format` | `--recfm` | `--rf` *(string)*

  - Specifies the record format.
    The allowed values have the following meaning:
    F - Fixed-length records
    V - Variable-length records
    U - Undefined-length records
    B - Records are blocked
    A - Records contain ASCII printer control characters
    M - Records contain machine code control characters
    S - For variable-length records, records may span blocks
    T - Records may be written into overflow tracks
    Default value: FB
    Example: --recfm FB

    Allowed values: F, FA, FM, FB, FBA, FBM, FS, FSA, FSM, FT, FTA, FTM, FBS, FBT, U, UA, UM, UT, UTA, UTM, V, VA, VM, VB, VBA, VBM, VS, VSA, VSM, VT, VTA, VTM, VBS, VBT

- `--space-units` | `--su` *(string)*

  - Specifies the space allocation unit.
    The allowed values which have the following meaning:
    TRK - Tracks
    CYL - Cylinders
    BLK - Blocksize
    Default value: CYL
    Example: --su blk

    Allowed values: TRK, CYL, BLK

- `--primary-space` | `--ps` *(number)*

  - Specifies the primary space allocation unit.
    Allowed values: 1-16777215
    Default value: 1
    Example: --ps 3

- `--secondary-space` | `--ss` *(number)*

- Specifies the secondary space allocation unit.
    Allowed values: 1-16777215

    Default value: 1

    Example: --ss 5

- `--directory-blocks` | `--db` *(number)*

    - Specifies number of directory blocks.
        Allowed values: 1-16777215

        Default value: 5

        Example: --db 5

- `--volume` | `-v` *(string)*

    - Specifies a disk volume or specific tapes.
        Example: -v vol002

- `--unit-type` | `--ut` *(string)*

    - Specifies the DASD unit name.
        Example: --ut sysda

- `--expiration-date` | `--ed` *(string)*

    - Specifies the expiration date after which the data set can be deleted.
        Specify 'P' or 'p' to make the data set permanent, or an expiration date in YYYY-MM-DD format.
        Example: --ed 2032-07-31

- `--storage-class` | `--sc` *(string)*

    - Specifies the storage class.
        Example: --sc scl002

- `--management-class` | `--mc` *(string)*

    - Specifies the management class.
        Example: --mc mcl002

- `--data-class` | `--dc` *(string)*

    - Specifies the data class.
        Example: --dc dcl002

FMP Connection Options

- `--host` | `-H` *(string)*

  - Specifies CA File Master Plus server host name.

- `--port` | `-P` *(number)*

  - Specifies CA File Master Plus server port.

- `--user` | `-u` *(string)*

  - Specifies Mainframe user name. May be the same as TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Specifies Mainframe password. May be the same as TSO password.

- `--protocol` | `-o` *(string)*

  - Specifies CA File Master Plus REST API protocol.

    Default value: https
    Allowed values: http, https

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile` | `--fmp-p` *(string)*

  - The name of a (fmp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Creating a PDS with default option values:

    - `zowe file-master-plus create partitioned-data-set fmmvs.test.dsname`

- Creating a PDS with options:

    - `zowe file-master-plus create partitioned-data-set fmmvs.test.dsname --lrecl 180 --blksize 32720 --recfm vb --ps 5 --ss 5 --db 5 -v vol005 --su trk --edp`

- Creating a PDS like a model PDS:

    - `zowe file-master-plus create partitioned-data-set fmmvs.test.dsname --model fmmvs.model.dsname`

- Creating a PDS like a model PDS and overriding the parameters with options:

    - `zowe file-master-plus create partitioned-data-set fmmvs.test.dsname --model fmmvs.model.dsname --lrecl 180 --recfm vb --ps 5 --ss 5 --db 5 -v vol005 --ed 2025-09-27`

zowe › file-master-plus › create › partitioned-data-set-extended

Create an extended partitioned data set.

Usage

zowe file-master-plus create partitioned-data-set-extended <name> [options]

Positional Arguments

- `name` *(string)*

  - Specifies the name of the data set to create.

Options

- `--model` | `-m` *(string)*

  - Specifies the name of a model extentded partitioned data set name for allocating parameters.
    The parameters of the model data set override all defaults.
    Example: -m fmmvs.model.dsname

- `--data-set-version` | `--dsv` | `--ver` *(number)*

  - Specifies the data set version.
    Default value depends on the system settings.
    Example: --ver 2

    Allowed values: 1, 2

- `--generations` | `-g` *(number)*

  - Specifies the number of generations.
    Applicable when data set version is '2'.
    Default value: 0
    Example: -g 10

- `--logical-record-length` | `--lrecl` | `--lrl` *(number)*

  - Specifies the length of the logical record.
    Allowed values: 1-32760
    Default value: 80
    Example: --lrecl 80

- `--block-size` | `--blksize` | `--bs` *(number)*

  - Specifies the size of the block of records.
    Allowed values: 1-32760
    Default value: 6160
    Example: --blksize 6160

- `--record-format` | `--recfm` | `--rf` *(string)*

  - Specifies the record format.
    The allowed values which have the following meaning:
    F - Fixed-length records
    V - Variable-length records
    U - Undefined-length records
    B - Records are blocked
    A - Records contain ASCII printer control characters
    M - Records contain machine code control characters
    S - For variable-length records, records may span blocks
    T - Records may be written into overflow tracks
    Default value: FB
    Example: --recfm FB

    Allowed values: F, FA, FM, FB, FBA, FBM, FS, FSA, FSM, FT, FTA, FTM, FBS, FBT, U, UA, UM, UT, UTA, UTM, V, VA, VM, VB, VBA, VBM, VS, VSA, VSM, VT, VTA, VTM, VBS, VBT

- `--space-units` | `--su` *(string)*

  - Specifies the space allocation unit.
    The allowed values have the following meaning:
    TRK - Tracks
    CYL - Cylinders
    BLK - Blocksize
    Default value: CYL
    Example: --su blk

    Allowed values: TRK, CYL, BLK

- `--primary-space` | `--ps` *(number)*

  - Specifies primary space allocation unit.
    Allowed values: 1-16777215
    Default value: 1
    Example: --ps 3

- `--secondary-space` | `--ss` *(number)*

  - Specifies secondary space allocation unit.
    Allowed values: 1-16777215

Default value: 1

Example: --ss 5

- `--volume` | `-v` *(string)*

  - Specifies a disk volume or specific tapes.
    Example: -v vol002

- `--unit-type` | `--ut` *(string)*

  - Specifies the DASD unit name.
    Example: --ut sysda

- `--expiration-date` | `--ed` *(string)*

  - Specifies the expiration date after which the data set can be deleted.
    Specify 'P' or 'p' to make the data set permanent, or an expiration date in YYYY-MM-DD format.
    Example: --ed 2032-07-31

- `--storage-class` | `--sc` *(string)*

  - Specifies the storage class.
    Example: --sc scl002

- `--management-class` | `--mc` *(string)*

  - Specifies the management class.
    Example: --mc mcl002

- `--data-class` | `--dc` *(string)*

  - Specifies the data class.
    Example: --dc dcl002

FMP Connection Options

- `--host` | `-H` *(string)*

  - Specifies CA File Master Plus server host name.

- `--port` | `-P` *(number)*

  - Specifies CA File Master Plus server port.

- `--user` | `-u` *(string)*

- Specifies Mainframe user name. May be the same as TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Specifies Mainframe password. May be the same as TSO password.

- `--protocol` | `-o` *(string)*

  - Specifies CA File Master Plus REST API protocol.

    Default value: https
    Allowed values: http, https

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile` | `--fmp-p` *(string)*

  - The name of a (fmp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

- The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Creating a PDSE with default option values:

    - `zowe file-master-plus create partitioned-data-set-extended fmmvs.test.dsname`

- Creating a PDSE version 2 with options:

    - `zowe file-master-plus create partitioned-data-set-extended fmmvs.test.dsname --ver 2 -g 10 --lrecl 180 --blksize 32720 --recfm vb --ps 5 --ss 5 -v vol005 --su trk --ed 2025-09-27`

- Creating a PDSE data set like a model PDSE:

    - `zowe file-master-plus create partitioned-data-set-extended fmmvs.test.dsname --model fmmvs.model.dsname`

- Creating a PDSE like a model PDSE and the parameters with options:

    - `zowe file-master-plus create partitioned-data-set-extended fmmvs.test.dsname --model fmmvs.model.dsname --lrecl 180 --recfm vb --ps 5 --ss 5 --db 5 -v vol005 --ed p`

zowe › file-master-plus › create › physical-sequential

Create a physical sequential data set.

Usage

zowe file-master-plus create physical-sequential <name> [options]

Positional Arguments

- `name` *(string)*

    - Specifies the name of the data set to create.

Options

- `--model` | `-m` *(string)*

- Specifies the name of a model physical sequential data set name for allocating parameters.

  The parameters of the model data set override all defaults.

  Example: -m fmmvs.model.dsname

- `--logical-record-length` | `--lrecl` | `--lrl` *(number)*

  - Specifies the length of the logical record.

    Allowed values: 1-32760

    Default value: 80

    Example: --lrecl 80

- `--block-size` | `--blksize` | `--bs` *(number)*

  - Specifies the size of the block of records.

    Allowed values: 1-32760

    Default value: 6160

    Example: --blksize 6160

- `--record-format` | `--recfm` | `--rf` *(string)*

  - Specifies the record format.

    The allowed values which have the following meaning:

    F - Fixed-length records

    V - Variable-length records

    U - Undefined-length records

    B - Records are blocked

    A - Records contain ASCII printer control characters

    M - Records contain machine code control characters

    S - For variable-length records, records may span blocks

    T - Records may be written into overflow tracks

    Default value: FB

    Example: --recfm FB

    Allowed values: F, FA, FM, FB, FBA, FBM, FS, FSA, FSM, FT, FTA, FTM, FBS, FBT, U, UA, UM, UT, UTA, UTM, V, VA, VM, VB, VBA, VBM, VS, VSA, VSM, VT, VTA, VTM, VBS, VBT

- `--space-units` | `--su` *(string)*

  - Specifies the space allocation unit.

    The allowed values which have the following meaning:

    TRK - Tracks

CYL - Cylinders
BLK - Blocksize
Default value: CYL
Example: --su blk

Allowed values: TRK, CYL, BLK

- `--primary-space` | `--ps` *(number)*

  - Specifies primary space allocation unit.
    Allowed values: 1-16777215
    Default value: 1
    Example: --ps 3

- `--secondary-space` | `--ss` *(number)*

  - Specifies secondary space allocation unit.
    Allowed values: 1-16777215
    Default value: 1
    Example: --ss 5

- `--volume` | `-v` *(array)*

  - Specifies a disk volume or specific tapes.
    Example: -v vol002

- `--unit-type` | `--ut` *(string)*

  - Specifies the DASD unit name.
    Example: --ut sysda

- `--expiration-date` | `--ed` *(string)*

  - Specifies the expiration date after which the data set can be deleted.
    Specify 'P' or 'p' to make the data set permanent, or an expiration date in YYYY-MM-DD format.
    Example: --ed 2032-07-31

- `--storage-class` | `--sc` *(string)*

  - Specifies the storage class.
    Example: --sc scl002

- `--management-class` | `--mc` *(string)*

- o Specifies the management class.
  Example: --mc mcl002

- `--data-class` | `--dc` *(string)*

  - o Specifies the data class.
    Example: --dc dcl002

FMP Connection Options

- `--host` | `-H` *(string)*

  - o Specifies CA File Master Plus server host name.

- `--port` | `-P` *(number)*

  - o Specifies CA File Master Plus server port.

- `--user` | `-u` *(string)*

  - o Specifies Mainframe user name. May be the same as TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - o Specifies Mainframe password. May be the same as TSO password.

- `--protocol` | `-o` *(string)*

  - o Specifies CA File Master Plus REST API protocol.

    Default value: https
    Allowed values: http, https

- `--reject-unauthorized` | `--ru` *(boolean)*

  - o Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - o The base path for your API mediation layer instance. Specify this option to prepend the
    base path to all FMP resources when making REST requests. Do not specify this option
    if you are not using an API mediation layer.

Profile Options

- `--fmp-profile` | `--fmp-p` *(string)*

    - The name of a (fmp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Creating a physical sequential data set with default option values:

    - `zowe file-master-plus create physical-sequential fmmvs.test.dsname`

- Creating a physical sequential data set with options:

    - `zowe file-master-plus create physical-sequential fmmvs.test.dsname --lrecl 180 --blksize 32720 --recfm vb --ps 5 --ss 5 -v vol005 --su trk --ed 2025-09-27`

- Creating a physical sequential data set like a model physical sequential data set:

    - `zowe file-master-plus create physical-sequential fmmvs.test.dsname --model fmmvs.model.dsname`

- Creating a physical sequential data set like a model physical sequential data set and overriding the parameters with options:

- ```
  zowe file-master-plus create physical-sequential fmmvs.test.dsname --model
  fmmvs.model.dsname --lrecl 180 --recfm VB --ps 5 --ss 5 --ed p
  ```

zowe › file-master-plus › create › vsam-esds

Create an entry-sequenced Virtual Storage Access Method (VSAM) data set (ESDS).

Usage

zowe file-master-plus create vsam-esds <name> [options]

Positional Arguments

- `name` *(string)*

  - Specifies the name of the data set to create.

Options

- `--model` | `-m` *(string)*

  - Specifies the name of a ESDS (entry-sequenced VSAM data set) for allocating
    parameters.
    The parameters of the model data set override all defaults.
    Example: -m fmmvs.model.dsname

- `--maximum-record-size` | `--mrs` *(number)*

  - Specifies the maximum length of data records.
    This parameter is mandatory unless a model data set is specified.
    Example: --mrs 180

- `--average-record-size` | `--ars` *(number)*

  - Specifies the average length of data records.
    If this parameter is not specified then it is set to the same as the maximum-record-size
    option.
    Example: --ars 110

- `--data-dsname` | `--ddsn` *(string)*

  - Specifies the data set name of the data VSAM component.
    If this parameter is not specified then by default it is set to the cluster name with '.DATA'.
    Example: --ddsn fmmvs.vsam.esds.data

- `--data-control-interval-size` | `--dcis` *(number)*

  - Specifies the size of the Control Interval for the data VSAM component.
    Default value: 20480
    Example: --dcis 3584

- `--data-space-units` | `--dsu` *(string)*

  - Specifies the space allocation unit for data vsam component.
    The allowed values have the following meaning:
    TRK - Tracks
    CYL - Cylinders
    REC - Records
    K - Kilobytes
    M - Megabytes
    Default value: TRK
    Example: --dsu rec

    Allowed values: TRK, CYL, REC, K, M

- `--data-primary-space` | `--dps` *(number)*

  - Specifies the primary space allocation unit for the data VSAM component.
    Allowed values: 1-16777215
    Default value: 18
    Example: --dps 3

- `--data-secondary-space` | `--dss` *(number)*

  - Specifies the secondary space allocation unit for the data VSAM component.
    Allowed values: 1-16777215
    Default value: 3
    Example: --dss 5

- `--data-volume` | `--dv` *(array)*

  - Specifies a disk volume or specific tapes for the data VSAM component.
    Example: -dv vol002

- `--buffer-space` | `--bs` *(number)*

  - Specifies the minimum buffer space to allocate when this VSAM file is accessed.
    Example: --bs 37376

- `--erase` | `-e` *(string)*

- Indicates whether the VSAM file was allocated with the ERASE parameter, causing all components of the file to be overwritten with binary zeros, when the VSAM file is deleted from the catalog.
  Default value: n
  Example: -e y

  Allowed values: y, n

- `--load-restartable` | `--lr` *(string)*

  - Specify 'Y' to request that the VSAM component definition use the 'RECOVERY' parameter (which causes the data component to be preformatted previous to the initial load). Using this option causes the initial load to take longer, but loads which do not complete successfully can be restarted.
    Specify 'N' to request that the VSAM component definition use the 'SPEED' parameter (which causes the data component to NOT be preformatted previous to the initial load).
    Default value: n
    Example: -lr y

    Allowed values: y, n

- `--reuse` | `-r` *(string)*

  - Indicates whether the VSAM file was allocated with the REUSE parameter specifying that the cluster can be opened again and again as a reusable cluster.
    Default value: n
    Example: -r y

    Allowed values: y, n

- `--spanned` | `-s` *(string)*

  - Indicates whether VSAM file was allocated with the SPANNED parameter indicating that data records larger than a control interval can span multiple control intervals.
    Default value: n
    Example: -s y

    Allowed values: y, n

- `--write-check` | `--wc` *(string)*

  - Indicates whether the VSAM file was allocated with the WRITECHECK parameter requesting each write to the VSAM file to be validated by a read without data transfer.

Default value: n
Example: --wc y

Allowed values: y, n

- `--control-interval-freespace-percentage` | `--cifp` *(number)*

  - Specifies the percentage of empty space in each control interval when the file is initially loaded.The free space lets records be inserted or expanded within a control interval before requiring a control interval split.
    Example: --cifp 10

- `--control-area-freespace-percentage` | `--cafp` *(number)*

  - Specifies the percentage of control intervals to be left unused in each control area as the file is initially loaded. The use of control area free space lets some control interval splits occur before requiring a control area split.
    Example: --cafp 10

- `--cross-region-share-option` | `--crso` *(number)*

  - Specifies that the file can be shared among regions within the same system or within multiple systems using GRS (Global Resource Serialization).
    The allowed values have the following meaning:
    1 - The data set can be opened for read processing by an unlimited number of users, but the data set can be accessed by only one user when that user is doing read and write processing.
    2 - The data set can be opened by only one user at a time for read and write processing, but any number of users can also be accessing the data set for read processing
    3 - The data set can be fully shared by any number of users.
    4 - The data set can be fully shared by any number of users. VSAM immediately updates the data set for PUTs and refreshes all input buffers for GETs.
    Default value: 1
    Example: --crso 2

    Allowed values: 1, 2, 3, 4

- `--cross-system-share-option` | `--csso` *(number)*

  - Specifies how the file can be shared among systems.
    The allowed values have the following meaning:
    3 - The data set can be fully shared by any number of users.
    4 - The data set can be fully shared by any number of users. VSAM immediately updates the data set for PUTs and refreshes all input buffers for GETs.

Default value: 3

Example: --csso 4

Allowed values: 3, 4

- `--expiration-date` | `--ed` *(string)*

  - Specifies the expiration date after which the data set can be deleted.
    Specify 'P' or 'p' to make the data set permanent, or an expiration date in YYYY-MM-DD format.
    Example: --ed 2032-07-31

- `--storage-class` | `--sc` *(string)*

  - Specifies the storage class.
    Example: --sc scl002

- `--management-class` | `--mc` *(string)*

  - Specifies the management class.
    Example: --mc mcl002

- `--data-class` | `--dc` *(string)*

  - Specifies the data class.
    Example: --dc dcl002

- `--log` | `-l` *(string)*

  - When specified, 'ALL' or 'UNDO' or 'NONE' indicates the VSAM RLS recovery option.
    Example: --log ALL

    Allowed values: NONE, UNDO, ALL

- `--frlog` | `--fr` *(string)*

  - Specifies the type of VSAM batch logging to perform for this VSAM data set.
    The allowed values have the following meaning:
    NONE - Disables VSAM batch logging.
    REDO - Enables VSAM batch logging.
    UNDO - Changes made to your VSAM data set are backed out using VSAM batch logging.
    ALL - Changes made to your VSAM data set are backed out and forward recovered using VSAM batch logging.
    Example: --frlog ALL

Allowed values: NONE, UNDO, ALL, REDO

- `--log-replicate` | `--lrp` *(string)*

    - Specify 'Y' to enable VSAM replication for this data set.
      Example: --lrp y

      Allowed values: Y, N

- `--log-stream-id` | `--lsi` *(string)*

    - Specifies the 1- to 26-character name of the forward recovery log stream.
      Example: --lsi LOGSTRA

- `--rls-enable` | `--rls` | `--re` *(string)*

    - Specify 'N' to disable VSAM record-level sharing.
      Default value: y
      Example: --rls n

      Allowed values: Y, N

FMP Connection Options

- `--host` | `-H` *(string)*

    - Specifies CA File Master Plus server host name.

- `--port` | `-P` *(number)*

    - Specifies CA File Master Plus server port.

- `--user` | `-u` *(string)*

    - Specifies Mainframe user name. May be the same as TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Specifies Mainframe password. May be the same as TSO password.

- `--protocol` | `-o` *(string)*

    - Specifies CA File Master Plus REST API protocol.

      Default value: https
      Allowed values: http, https

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile` | `--fmp-p` *(string)*

    - The name of a (fmp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Creating a ESDS with default option values and mandatory options:

    - ```
      zowe file-master-plus create vsam-esds fmmvs.test.dsname --mrs 160
      ```

- Creating a ESDS with options:

  - ```
    zowe file-master-plus create vsam-esds fmmvs.test.dsname --mrs 160 --ars 120
    --dcis 3584 --dsu cyl --dps 1 --dss 3 --dv vol002 --bs 37376 -e y -r y -s n -
    -ed 2025-09-27
    ```

- Creating a RLS enabled ESDS with logging options:

  - ```
    zowe file-master-plus create vsam-esds fmmvs.test.dsname --mrs 160 --ars 120
    --dcis 3584 --dsu cyl --dps 1 --dss 3 --dv vol002 --bs 37376 -e y -r y -s n -
    -rls y -l all --lsi loga --lrp y --fr ALL
    ```

- Creating a ESDS data set like a model ESDS data set:

  - ```
    zowe file-master-plus create vsam-esds fmmvs.test.dsname --model
    fmmvs.model.dsname
    ```

- Creating a ESDS like a model ESDS data set and overriding the parameters with options:

  - ```
    zowe file-master-plus create vsam-esds fmmvs.test.dsname --model
    fmmvs.model.dsname --mrs 160 --wc y --bs 37376 --crso 3 --csso 4 --ed p
    ```

zowe › file-master-plus › create › vsam-ksds

Create a key-sequenced data set (KSDS) Virtual Storage Access Method (VSAM) data set.

Usage

zowe file-master-plus create vsam-ksds <name> [options]

Positional Arguments

- `name` *(string)*

  - Specifies the name of the data set to create.

Options

- `--model` | `-m` *(string)*

  - Specifies the name of a model KSDS (key-sequenced VSAM data set) for allocating
    parameters.
    The parameters of the model data set override all defaults.
    Example: -m fmmvs.model.dsname

- `--keys-position` | `--kp` *(number)*

- - Specifies the position of the key within the base cluster.
    This parameter is mandatory unless a model data set is specified.
    Example: --kp 1

- `--keys-length` | `--kl` *(number)*

    - Specifies the length of the key within the base cluster.
      This parameter is mandatory unless a model data set is specified.
      Example: --kl 7

- `--maximum-record-size` | `--mrs` *(number)*

    - Specifies the maximum length of data records.
      This parameter is mandatory unless a model data set is specified.
      Example: --mrs 180

- `--average-record-size` | `--ars` *(number)*

    - Specifies the average length of data records.
      If this parameter is not specified then it is set to the same as the maximum-record-size
      option.
      Example: --ars 110

- `--data-dsname` | `--ddsn` *(string)*

    - Specifies the data set name of the data VSAM component.
      If this parameter is not specified then by default it is set to the cluster name with '.DATA'.
      Example: --ddsn fmmvs.vsam.ksds.data

- `--data-control-interval-size` | `--dcis` *(number)*

    - Specifies the size of the Control Interval for the data VSAM component.
      Default value: 20480
      Example: --dcis 3584

- `--data-space-units` | `--dsu` *(string)*

    - Specifies the space allocation unit for data vsam component.
      The allowed values have the following meaning:
      TRK - Tracks
      CYL - Cylinders
      REC - Records
      K - Kilobytes
      M - Megabytes

Default value: TRK

Example: --dsu rec

Allowed values: TRK, CYL, REC, K, M

- `--data-primary-space` | `--dps` *(number)*

  - Specifies the primary space allocation unit for the data VSAM component.
    Allowed values: 1-16777215
    Default value: 18
    Example: --dps 3

- `--data-secondary-space` | `--dss` *(number)*

  - Specifies the secondary space allocation unit for the data VSAM component.
    Allowed values: 1-16777215
    Default value: 3
    Example: --dss 5

- `--data-volume` | `--dv` *(array)*

  - Specifies a disk volume or specific tapes for the data VSAM component.
    Example: -dv vol002

- `--index-dsname` | `--idsn` *(string)*

  - Specifies the data set name of the index VSAM component.
    If this parameter is not specified then it is set to the cluster name with '.INDEX'
    appended.
    Example: --ddsn fmmvs.vsam.ksds.index

- `--index-control-interval-size` | `--icis` *(number)*

  - Specifies the size of Control Interval for index VSAM component.
    Default value: 512
    Example: --icis 3584

- `--index-space-units` | `--isu` *(string)*

  - Specifies the space allocation unit for index VSAM component.
    The allowed values have the following meaning:
    TRK - Tracks
    CYL - Cylinders
    REC - Records
    K - Kilobytes

M - Megabytes
Default value: TRK
Example: --isu cyl

Allowed values: TRK, CYL, REC, K, M

- `--index-primary-space` | `--ips` *(number)*

  - Specifies primary space allocation unit for index VSAM component.
    Allowed values: 1-16777215
    Default value: 1
    Example: --ips 3

- `--index-secondary-space` | `--iss` *(number)*

  - Specifies secondary space allocation unit for index VSAM component.
    Allowed values: 1-16777215
    Default value: 1
    Example: --iss 5

- `--index-volume` | `--iv` *(array)*

  - Specifies a disk volume or specific tapes for the index VSAM component.
    Example: -iv vol002

- `--buffer-space` | `--bs` *(number)*

  - Specifies the minimum buffer space to allocate when this VSAM file is accessed.
    Example: --bs 37376

- `--erase` | `-e` *(string)*

  - Indicates whether the VSAM file was allocated with the ERASE parameter, causing all
    components of the file to be overwritten with binary zeros, when the VSAM file is deleted
    from the catalog.
    Default value: n
    Example: -e y

    Allowed values: y, n

- `--load-restartable` | `--lr` *(string)*

  - Specify 'Y' to request that the VSAM component definition use the 'RECOVERY'
    parameter (which causes the data component to be preformatted previous to the initial
    load). Using this option causes the initial load to take longer, but loads which do not

complete successfully can be restarted.
Specify 'N' to request that the VSAM component definition use the 'SPEED' parameter (which causes the data component to NOT be preformatted previous to the initial load).
Default value: n
Example: -lr y

Allowed values: y, n

- `--reuse` | `-r` *(string)*

  - Indicates whether the VSAM file was allocated with the REUSE parameter specifying that the cluster can be opened again and again as a reusable cluster.
    Default value: n
    Example: -r y

    Allowed values: y, n

- `--spanned` | `-s` *(string)*

  - Indicates whether VSAM file was allocated with the SPANNED parameter indicating that data records larger than a control interval can span multiple control intervals.
    Default value: n
    Example: -s y

    Allowed values: y, n

- `--write-check` | `--wc` *(string)*

  - Indicates whether the VSAM file was allocated with the WRITECHECK parameter requesting each write to the VSAM file to be validated by a read without data transfer.
    Default value: n
    Example: --wc y

    Allowed values: y, n

- `--control-interval-freespace-percentage` | `--cifp` *(number)*

  - Specifies the percentage of empty space in each control interval when the file is initially loaded.The free space lets records be inserted or expanded within a control interval before requiring a control interval split.
    Example: --cifp 10

- `--control-area-freespace-percentage` | `--cafp` *(number)*

- Specifies the percentage of control intervals to be left unused in each control area as the file is initially loaded. The use of control area free space lets some control interval splits occur before requiring a control area split.
    Example: --cafp 10

- `--cross-region-share-option` | `--crso` *(number)*

    - Specifies that the file can be shared among regions within the same system or within multiple systems using GRS (Global Resource Serialization).
        The allowed values have the following meaning:
        1 - The data set can be opened for read processing by an unlimited number of users, but the data set can be accessed by only one user when that user is doing read and write processing.
        2 - The data set can be opened by only one user at a time for read and write processing, but any number of users can also be accessing the data set for read processing
        3 - The data set can be fully shared by any number of users.
        4 - The data set can be fully shared by any number of users. VSAM immediately updates the data set for PUTs and refreshes all input buffers for GETs.
        Default value: 1
        Example: --crso 2

        Allowed values: 1, 2, 3, 4

- `--cross-system-share-option` | `--csso` *(number)*

    - Specifies how the file can be shared among systems.
        The allowed values have the following meaning:
        3 - The data set can be fully shared by any number of users.
        4 - The data set can be fully shared by any number of users. VSAM immediately updates the data set for PUTs and refreshes all input buffers for GETs.
        Default value: 3
        Example: --csso 4

        Allowed values: 3, 4

- `--expiration-date` | `--ed` *(string)*

    - Specifies the expiration date after which the data set can be deleted.
        Specify 'P' or 'p' to make the data set permanent, or an expiration date in YYYY-MM-DD format.
        Example: --ed 2032-07-31

- `--storage-class` | `--sc` *(string)*

- $\circ$ Specifies the storage class.
  Example: --sc scl002

- `--management-class` | `--mc` *(string)*

  - $\circ$ Specifies the management class.
    Example: --mc mcl002

- `--data-class` | `--dc` *(string)*

  - $\circ$ Specifies the data class.
    Example: --dc dcl002

- `--log` | `-l` *(string)*

  - $\circ$ When specified, 'ALL' or 'UNDO' or 'NONE' indicates the VSAM RLS recovery option.
    Example: --log ALL

    Allowed values: NONE, UNDO, ALL

- `--frlog` | `--fr` *(string)*

  - $\circ$ Specifies the type of VSAM batch logging to perform for this VSAM data set.
    The allowed values have the following meaning:
    NONE - Disables VSAM batch logging.
    REDO - Enables VSAM batch logging.
    UNDO - Changes made to your VSAM data set are backed out using VSAM batch logging.
    ALL - Changes made to your VSAM data set are backed out and forward recovered using VSAM batch logging.
    Example: --frlog ALL

    Allowed values: NONE, UNDO, ALL, REDO

- `--log-replicate` | `--lrp` *(string)*

  - $\circ$ Specify 'Y' to enable VSAM replication for this data set.
    Example: --lrp y

    Allowed values: Y, N

- `--log-stream-id` | `--lsi` *(string)*

  - $\circ$ Specifies the 1- to 26-character name of the forward recovery log stream.
    Example: --lsi LOGSTRA

- `--rls-enable` | `--rls` | `--re` *(string)*

    - Specify 'N' to disable VSAM record-level sharing.
      Default value: y
      Example: --rls n

      Allowed values: Y, N

FMP Connection Options

- `--host` | `-H` *(string)*

    - Specifies CA File Master Plus server host name.

- `--port` | `-P` *(number)*

    - Specifies CA File Master Plus server port.

- `--user` | `-u` *(string)*

    - Specifies Mainframe user name. May be the same as TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Specifies Mainframe password. May be the same as TSO password.

- `--protocol` | `-o` *(string)*

    - Specifies CA File Master Plus REST API protocol.

      Default value: https
      Allowed values: http, https

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

      Default value: true

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile` | `--fmp-p` *(string)*

  - The name of a (fmp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Creating a KSDS with default option values and mandatory options:

  - `zowe file-master-plus create vsam-ksds fmmvs.test.dsname --kp 1 --kl 7 --mrs 160`

- Creating a KSDS with options:

  - `zowe file-master-plus create vsam-ksds fmmvs.test.dsname --kp 1 --kl 7 --mrs 160 --ars 120 --dcis 3584 --dsu cyl --dps 1 --dss 3 --dv vol002 --icis 512 --isu cyl --ips 1 --iss 1 --iv vol002 --bs 37376 -e y -r y -s n --ed 2025-09-27`

- Creating a RLS enabled KSDS with logging options:

  - `zowe file-master-plus create vsam-ksds fmmvs.test.dsname --kp 1 --kl 7 --mrs 160 --ars 120 --dcis 3584 --dsu cyl --dps 1 --dss 3 --dv vol002 --icis 512 --`

```
isu cyl --ips 1 --iss 1 --iv vol002 --bs 37376 -e y -r y -s n --rls y -l all
--lsi loga --lrp y --fr ALL
```

- Creating a KSDS data set like a model KSDS data set:

  - ```
    zowe file-master-plus create vsam-ksds fmmvs.test.dsname --model
    fmmvs.model.dsname
    ```

- Creating a KSDS like a model KSDS data set and overriding the parameters with options:

  - ```
    zowe file-master-plus create vsam-ksds fmmvs.test.dsname --model
    fmmvs.model.dsname --kp 1 --kl 7 --mrs 160 --wc y --bs 37376 --crso 3 --csso
    4 --ed p
    ```

zowe › file-master-plus › create › vsam-lds

Create linear data set (LDS) Virtual Storage Access Method (VSAM) data set.

Usage

zowe file-master-plus create vsam-lds <name> [options]

Positional Arguments

- `name` *(string)*

  - Specifies the name of the data set to create.

Options

- `--model` | `-m` *(string)*

  - Specifies the name of a model LDS (Linear VSAM data set) for allocating parameters.
    The parameters of the model data set override all defaults.
    Example: -m fmmvs.model.dsname

- `--data-dsname` | `--ddsn` *(string)*

  - Specifies the data set name of the data VSAM component.
    If this parameter is not specified then by default it is set to the cluster name with '.DATA'.
    Example: --ddsn fmmvs.vsam.esds.data

- `--data-control-interval-size` | `--dcis` *(number)*

  - Specifies the size of the Control Interval for the data VSAM component.
    Default value: 4096

Example: --dcis 3584

- `--data-space-units` | `--dsu` *(string)*

  - Specifies the space allocation unit for data vsam component.
    The allowed values have the following meaning:
    TRK - Tracks
    CYL - Cylinders
    REC - Records
    K - Kilobytes
    M - Megabytes
    Default value: TRK
    Example: --dsu rec

    Allowed values: TRK, CYL, REC, K, M

- `--data-primary-space` | `--dps` *(number)*

  - Specifies the primary space allocation unit for the data VSAM component.
    Allowed values: 1-16777215
    Default value: 18
    Example: --dps 3

- `--data-secondary-space` | `--dss` *(number)*

  - Specifies the secondary space allocation unit for the data VSAM component.
    Allowed values: 1-16777215
    Default value: 3
    Example: --dss 5

- `--data-volume` | `--dv` *(array)*

  - Specifies a disk volume or specific tapes for the data VSAM component.
    Example: -dv vol002

- `--buffer-space` | `--bs` *(number)*

  - Specifies the minimum buffer space to allocate when this VSAM file is accessed.
    Example: --bs 37376

- `--erase` | `-e` *(string)*

  - Indicates whether the VSAM file was allocated with the ERASE parameter, causing all components of the file to be overwritten with binary zeros, when the VSAM file is deleted from the catalog.

Default value: n

Example: -e y

Allowed values: y, n

- `--load-restartable` | `--lr` *(string)*

  - Specify 'Y' to request that the VSAM component definition use the 'RECOVERY' parameter (which causes the data component to be preformatted previous to the initial load). Using this option causes the initial load to take longer, but loads which do not complete successfully can be restarted.
  Specify 'N' to request that the VSAM component definition use the 'SPEED' parameter (which causes the data component to NOT be preformatted previous to the initial load).
  Default value: n
  Example: -lr y

    Allowed values: y, n

- `--reuse` | `-r` *(string)*

  - Indicates whether the VSAM file was allocated with the REUSE parameter specifying that the cluster can be opened again and again as a reusable cluster.
  Default value: n
  Example: -r y

    Allowed values: y, n

- `--write-check` | `--wc` *(string)*

  - Indicates whether the VSAM file was allocated with the WRITECHECK parameter requesting each write to the VSAM file to be validated by a read without data transfer.
  Default value: n
  Example: --wc y

    Allowed values: y, n

- `--control-interval-freespace-percentage` | `--cifp` *(number)*

  - Specifies the percentage of empty space in each control interval when the file is initially loaded.The free space lets records be inserted or expanded within a control interval before requiring a control interval split.
  Example: --cifp 10

- `--control-area-freespace-percentage` | `--cafp` *(number)*

- Specifies the percentage of control intervals to be left unused in each control area as the file is initially loaded. The use of control area free space lets some control interval splits occur before requiring a control area split.
    Example: --cafp 10

- `--cross-region-share-option` | `--crso` *(number)*

    - Specifies that the file can be shared among regions within the same system or within multiple systems using GRS (Global Resource Serialization).
        The alloweThe allowed values have the following meaning:
        1 - The data set can be opened for read processing by an unlimited number of users, but the data set can be accessed by only one user when that user is doing read and write processing.
        2 - The data set can be opened by only one user at a time for read and write processing, but any number of users can also be accessing the data set for read processing
        3 - The data set can be fully shared by any number of users.
        4 - The data set can be fully shared by any number of users. VSAM immediately updates the data set for PUTs and refreshes all input buffers for GETs.
        Default value: 1
        Example: --crso 2

        Allowed values: 1, 2, 3, 4

- `--cross-system-share-option` | `--csso` *(number)*

    - Specifies how the file can be shared among systems.
        The allowed values have the following meaning:
        3 - The data set can be fully shared by any number of users.
        4 - The data set can be fully shared by any number of users. VSAM immediately updates the data set for PUTs and refreshes all input buffers for GETs.
        Default value: 3
        Example: --csso 4

        Allowed values: 3, 4

- `--expiration-date` | `--ed` *(string)*

    - Specifies the expiration date after which the data set can be deleted.
        Specify 'P' or 'p' to make the data set permanent, or an expiration date in YYYY-MM-DD format.
        Example: --ed 2032-07-31

- `--storage-class` | `--sc` *(string)*

- Specifies the storage class.
  Example: --sc scl002

- `--management-class` | `--mc` *(string)*

  - Specifies the management class.
    Example: --mc mcl002

- `--data-class` | `--dc` *(string)*

  - Specifies the data class.
    Example: --dc dcl002

FMP Connection Options

- `--host` | `-H` *(string)*

  - Specifies CA File Master Plus server host name.

- `--port` | `-P` *(number)*

  - Specifies CA File Master Plus server port.

- `--user` | `-u` *(string)*

  - Specifies Mainframe user name. May be the same as TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Specifies Mainframe password. May be the same as TSO password.

- `--protocol` | `-o` *(string)*

  - Specifies CA File Master Plus REST API protocol.

    Default value: https
    Allowed values: http, https

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile` | `--fmp-p` *(string)*

  - The name of a (fmp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Creating a LDS with default option values:

  - `zowe file-master-plus create vsam-lds fmmvs.test.dsname`

- Creating a LDS with options:

  - `zowe file-master-plus create vsam-lds fmmvs.test.dsname --dcis 3584 --dsu cyl --dps 1 --dss 3 --dv vol002 --bs 37376 -e y -r y -s n --ed p`

- Creating a LDS data set like a model LDS data set:

- `zowe file-master-plus create vsam-lds fmmvs.test.dsname --model fmmvs.model.dsname`

- Creating a LDS like a model LDS data set and overriding the parameters with options:

  - `zowe file-master-plus create vsam-lds fmmvs.test.dsname --model fmmvs.model.dsname --wc y --bs 37376 --crso 3 --csso 4 --ed 2025-09-27`

zowe › file-master-plus › create › vsam-rrds

Create a relative-record data set (RRDS) Virtual Storage Access Method (VSAM) data set.

Usage

zowe file-master-plus create vsam-rrds <name> [options]

Positional Arguments

- `name` *(string)*

  - Specifies the name of the data set to create.

Options

- `--model` | `-m` *(string)*

  - Specifies the name of a model RRDS (relative-record VSAM data set) for allocating parameters.
    The parameters of the model data set override all defaults.
    Example: -m fmmvs.model.dsname

- `--maximum-record-size` | `--mrs` *(number)*

  - Specifies the maximum length of data records.
    This parameter is mandatory unless a model data set is specified.
    Example: --mrs 180

- `--data-dsname` | `--ddsn` *(string)*

  - Specifies the data set name of the data VSAM component.
    If this parameter is not specified then by default it is set to the cluster name with '.DATA'.
    Example: --ddsn fmmvs.vsam.rrds.data

- `--data-control-interval-size` | `--dcis` *(number)*

- Specifies the size of the Control Interval for the data VSAM component.
  Default value: 20480
  Example: --dcis 3584

- `--data-space-units` | `--dsu` *(string)*

  - Specifies the space allocation unit for data vsam component.
    The allowed values have the following meaning:
    TRK - Tracks
    CYL - Cylinders
    REC - Records
    K - Kilobytes
    M - Megabytes
    Default value: TRK
    Example: --dsu rec

    Allowed values: TRK, CYL, REC, K, M

- `--data-primary-space` | `--dps` *(number)*

  - Specifies the primary space allocation unit for the data VSAM component.
    Allowed values: 1-16777215
    Default value: 18
    Example: --dps 3

- `--data-secondary-space` | `--dss` *(number)*

  - Specifies the secondary space allocation unit for the data VSAM component.
    Allowed values: 1-16777215
    Default value: 3
    Example: --dss 5

- `--data-volume` | `--dv` *(array)*

  - Specifies a disk volume or specific tapes for the data VSAM component.
    Example: -dv vol002

- `--buffer-space` | `--bs` *(number)*

  - Specifies the minimum buffer space to allocate when this VSAM file is accessed.
    Example: --bs 37376

- `--erase` | `-e` *(string)*

- Indicates whether the VSAM file was allocated with the ERASE parameter, causing all components of the file to be overwritten with binary zeros, when the VSAM file is deleted from the catalog.
  Default value: n
  Example: -e y

  Allowed values: y, n

- `--load-restartable` | `--lr` *(string)*

  - Specify 'Y' to request that the VSAM component definition use the 'RECOVERY' parameter (which causes the data component to be preformatted previous to the initial load). Using this option causes the initial load to take longer, but loads which do not complete successfully can be restarted.
    Specify 'N' to request that the VSAM component definition use the 'SPEED' parameter (which causes the data component to NOT be preformatted previous to the initial load).
    Default value: n
    Example: -lr y

    Allowed values: y, n

- `--reuse` | `-r` *(string)*

  - Indicates whether the VSAM file was allocated with the REUSE parameter specifying that the cluster can be opened again and again as a reusable cluster.
    Default value: n
    Example: -r y

    Allowed values: y, n

- `--write-check` | `--wc` *(string)*

  - Indicates whether the VSAM file was allocated with the WRITECHECK parameter requesting each write to the VSAM file to be validated by a read without data transfer.
    Default value: n
    Example: --wc y

    Allowed values: y, n

- `--control-interval-freespace-percentage` | `--cifp` *(number)*

  - Specifies the percentage of empty space in each control interval when the file is initially loaded.The free space lets records be inserted or expanded within a control interval

before requiring a control interval split.
Example: --cifp 10

- `--control-area-freespace-percentage` | `--cafp` *(number)*

  - Specifies the percentage of control intervals to be left unused in each control area as the file is initially loaded. The use of control area free space lets some control interval splits occur before requiring a control area split.
    Example: --cafp 10

- `--cross-region-share-option` | `--crso` *(number)*

  - Specifies that the file can be shared among regions within the same system or within multiple systems using GRS (Global Resource Serialization).
    The allowed values have the following meaning:
    1 - The data set can be opened for read processing by an unlimited number of users, but the data set can be accessed by only one user when that user is doing read and write processing.
    2 - The data set can be opened by only one user at a time for read and write processing, but any number of users can also be accessing the data set for read processing
    3 - The data set can be fully shared by any number of users.
    4 - The data set can be fully shared by any number of users. VSAM immediately updates the data set for PUTs and refreshes all input buffers for GETs.
    Default value: 1
    Example: --crso 2

    Allowed values: 1, 2, 3, 4

- `--cross-system-share-option` | `--csso` *(number)*

  - Specifies how the file can be shared among systems.
    The allowed values have the following meaning:
    3 - The data set can be fully shared by any number of users.
    4 - The data set can be fully shared by any number of users. VSAM immediately updates the data set for PUTs and refreshes all input buffers for GETs.
    Default value: 3
    Example: --csso 4

    Allowed values: 3, 4

- `--expiration-date` | `--ed` *(string)*

  - Specifies the expiration date after which the data set can be deleted.
    Specify 'P' or 'p' to make the data set permanent, or an expiration date in YYYY-MM-DD

format.
Example: --ed 2032-07-31

- `--storage-class` | `--sc` *(string)*

  - Specifies the storage class.
    Example: --sc scl002

- `--management-class` | `--mc` *(string)*

  - Specifies the management class.
    Example: --mc mcl002

- `--data-class` | `--dc` *(string)*

  - Specifies the data class.
    Example: --dc dcl002

- `--log` | `-l` *(string)*

  - When specified, 'ALL' or 'UNDO' or 'NONE' indicates the VSAM RLS recovery option.
    Example: --log ALL

    Allowed values: NONE, UNDO, ALL

- `--frlog` | `--fr` *(string)*

  - Specifies the type of VSAM batch logging to perform for this VSAM data set.
    The allowed values have the following meaning:
    NONE - Disables VSAM batch logging.
    REDO - Enables VSAM batch logging.
    UNDO - Changes made to your VSAM data set are backed out using VSAM batch logging.
    ALL - Changes made to your VSAM data set are backed out and forward recovered using VSAM batch logging.
    Example: --frlog ALL

    Allowed values: NONE, UNDO, ALL, REDO

- `--log-replicate` | `--lrp` *(string)*

  - Specify 'Y' to enable VSAM replication for this data set.
    Example: --lrp y

    Allowed values: Y, N

- `--log-stream-id` | `--lsi` *(string)*

  - Specifies the 1- to 26-character name of the forward recovery log stream.
    Example: --lsi LOGSTRA

- `--rls-enable` | `--rls` | `--re` *(string)*

  - Specify 'N' to disable VSAM record-level sharing.
    Default value: y
    Example: --rls n

    Allowed values: Y, N

FMP Connection Options

- `--host` | `-H` *(string)*

  - Specifies CA File Master Plus server host name.

- `--port` | `-P` *(number)*

  - Specifies CA File Master Plus server port.

- `--user` | `-u` *(string)*

  - Specifies Mainframe user name. May be the same as TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Specifies Mainframe password. May be the same as TSO password.

- `--protocol` | `-o` *(string)*

  - Specifies CA File Master Plus REST API protocol.

    Default value: https
    Allowed values: http, https

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile` | `--fmp-p` *(string)*

  - The name of a (fmp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Creating a RRDS with default option values and mandatory options:

  - `zowe file-master-plus create vsam-rrds fmmvs.test.dsname --mrs 160`

- Creating a RRDS with options:

  - `zowe file-master-plus create vsam-rrds fmmvs.test.dsname --mrs 160 --dcis 3584 --dsu cyl --dps 1 --dss 3 --dv vol002 --bs 37376 -e y -r y -s n --ed p`

- Creating a RLS enabled RRDS with logging options:

- ```
    zowe file-master-plus create vsam-rrds fmmvs.test.dsname --mrs 160 --dcis
    3584 --dsu cyl --dps 1 --dss 3 --dv vol002 --bs 37376 -e y -r y -s n --ed p -
    -rls y -l all --lsi loga --lrp y --fr ALL
    ```

- Creating a RRDS data set like a model RRDS data set:

  - ```
    zowe file-master-plus create vsam-rrds fmmvs.test.dsname --model
    fmmvs.model.dsname
    ```

- Creating a RRDS like a model RRDS data set and overriding the parameters with options:

  - ```
    zowe file-master-plus create vsam-rrds fmmvs.test.dsname --model
    fmmvs.model.dsname --mrs 160 --wc y --bs 37376 --crso 3 --csso 4 --ed 2025-
    09-27
    ```

zowe › file-master-plus › create › vsam-vrrds

Create a variable-length relative-record data set (VRRDS) Virtual Storage Access Method (VSAM) data set.

Usage

zowe file-master-plus create vsam-vrrds <name> [options]

Positional Arguments

- `name` *(string)*

  - Specifies the name of the data set to create.

Options

- `--model` | `-m` *(string)*

  - Specifies the name of a model VRRDS (variable-length relative-record VSAM data set) for allocating parameters.
    The parameters of the model data set override all defaults.
    Example: -m fmmvs.model.dsname

- `--maximum-record-size` | `--mrs` *(number)*

  - Specifies the maximum length of data records.
    This parameter is mandatory unless a model data set is specified and it should be greater than the average record size.
    Example: --mrs 180

- `--average-record-size` | `--ars` *(number)*

  - Specifies the average length of data records.
    This parameter is mandatory unless a model data set is specified and it should be less than the maximum record size.
    Example: --ars 110

- `--data-dsname` | `--ddsn` *(string)*

  - Specifies the data set name of the data VSAM component.
    If this parameter is not specified then by default it is set to the cluster name with '.DATA'.
    Example: --ddsn fmmvs.vsam.ksds.data

- `--data-control-interval-size` | `--dcis` *(number)*

  - Specifies the size of the Control Interval for the data VSAM component.
    Default value: 20480
    Example: --dcis 3584

- `--data-space-units` | `--dsu` *(string)*

  - Specifies the space allocation unit for data vsam component.
    The allowed values have the following meaning:
    TRK - Tracks
    CYL - Cylinders
    REC - Records
    K - Kilobytes
    M - Megabytes
    Default value: TRK
    Example: --dsu rec

    Allowed values: TRK, CYL, REC, K, M

- `--data-primary-space` | `--dps` *(number)*

  - Specifies the primary space allocation unit for the data VSAM component.
    Allowed values: 1-16777215
    Default value: 18
    Example: --dps 3

- `--data-secondary-space` | `--dss` *(number)*

  - Specifies the secondary space allocation unit for the data VSAM component.
    Allowed values: 1-16777215

Default value: 3
Example: --dss 5

- `--data-volume` | `--dv` *(array)*

  - Specifies a disk volume or specific tapes for the data VSAM component.
    Example: -dv vol002

- `--index-dsname` | `--idsn` *(string)*

  - Specifies the data set name of the index VSAM component.
    If this parameter is not specified then it is set to the cluster name with '.INDEX' appended.
    Example: --ddsn fmmvs.vsam.ksds.index

- `--index-control-interval-size` | `--icis` *(number)*

  - Specifies the size of Control Interval for index VSAM component.
    Default value: 512
    Example: --icis 3584

- `--index-space-units` | `--isu` *(string)*

  - Specifies the space allocation unit for index VSAM component.
    The allowed values have the following meaning:
    TRK - Tracks
    CYL - Cylinders
    REC - Records
    K - Kilobytes
    M - Megabytes
    Default value: TRK
    Example: --isu cyl

    Allowed values: TRK, CYL, REC, K, M

- `--index-primary-space` | `--ips` *(number)*

  - Specifies primary space allocation unit for index VSAM component.
    Allowed values: 1-16777215
    Default value: 1
    Example: --ips 3

- `--index-secondary-space` | `--iss` *(number)*

- Specifies secondary space allocation unit for index VSAM component.
  Allowed values: 1-16777215
  Default value: 1
  Example: --iss 5

- `--index-volume` | `--iv` *(array)*

  - Specifies a disk volume or specific tapes for the data VSAM component.
    Example: -iv vol002

- `--buffer-space` | `--bs` *(number)*

  - Specifies the minimum buffer space to allocate when this VSAM file is accessed.
    Example: --bs 37376

- `--erase` | `-e` *(string)*

  - Indicates whether the VSAM file was allocated with the ERASE parameter, causing all components of the file to be overwritten with binary zeros, when the VSAM file is deleted from the catalog.
    Default value: n
    Example: -e y

    Allowed values: y, n

- `--load-restartable` | `--lr` *(string)*

  - Specify 'Y' to request that the VSAM component definition use the 'RECOVERY' parameter (which causes the data component to be preformatted previous to the initial load). Using this option causes the initial load to take longer, but loads which do not complete successfully can be restarted.
    Specify 'N' to request that the VSAM component definition use the 'SPEED' parameter (which causes the data component to NOT be preformatted previous to the initial load).
    Default value: n
    Example: -lr y

    Allowed values: y, n

- `--reuse` | `-r` *(string)*

  - Indicates whether the VSAM file was allocated with the REUSE parameter specifying that the cluster can be opened again and again as a reusable cluster.
    Default value: n
    Example: -r y

Allowed values: y, n

- `--write-check` | `--wc` *(string)*

    - Indicates whether the VSAM file was allocated with the WRITECHECK parameter requesting each write to the VSAM file to be validated by a read without data transfer.
    Default value: n
    Example: --wc y

    Allowed values: y, n

- `--control-interval-freespace-percentage` | `--cifp` *(number)*

    - Specifies the percentage of empty space in each control interval when the file is initially loaded.The free space lets records be inserted or expanded within a control interval before requiring a control interval split.
    Example: --cifp 10

- `--control-area-freespace-percentage` | `--cafp` *(number)*

    - Specifies the percentage of control intervals to be left unused in each control area as the file is initially loaded. The use of control area free space lets some control interval splits occur before requiring a control area split.
    Example: --cafp 10

- `--cross-region-share-option` | `--crso` *(number)*

    - Specifies that the file can be shared among regions within the same system or within multiple systems using GRS (Global Resource Serialization).
    The allowed values have the following meaning:
    1 - The data set can be opened for read processing by an unlimited number of users, but the data set can be accessed by only one user when that user is doing read and write processing.
    2 - The data set can be opened by only one user at a time for read and write processing, but any number of users can also be accessing the data set for read processing
    3 - The data set can be fully shared by any number of users.
    4 - The data set can be fully shared by any number of users. VSAM immediately updates the data set for PUTs and refreshes all input buffers for GETs.
    Default value: 1
    Example: --crso 2

    Allowed values: 1, 2, 3, 4

- `--cross-system-share-option` | `--csso` *(number)*

- Specifies how the file can be shared among systems.
  The allowed values have the following meaning:
  3 - The data set can be fully shared by any number of users.
  4 - The data set can be fully shared by any number of users. VSAM immediately updates the data set for PUTs and refreshes all input buffers for GETs.
  Default value: 3
  Example: --csso 4

  Allowed values: 3, 4

- `--expiration-date` | `--ed` *(string)*

  - Specifies the expiration date after which the data set can be deleted.
    Specify 'P' or 'p' to make the data set permanent, or an expiration date in YYYY-MM-DD format.
    Example: --ed 2032-07-31

- `--storage-class` | `--sc` *(string)*

  - Specifies the storage class.
    Example: --sc scl002

- `--management-class` | `--mc` *(string)*

  - Specifies the management class.
    Example: --mc mcl002

- `--data-class` | `--dc` *(string)*

  - Specifies the data class.
    Example: --dc dcl002

- `--log` | `-l` *(string)*

  - When specified, 'ALL' or 'UNDO' or 'NONE' indicates the VSAM RLS recovery option.
    Example: --log ALL

    Allowed values: NONE, UNDO, ALL

- `--frlog` | `--fr` *(string)*

  - Specifies the type of VSAM batch logging to perform for this VSAM data set.
    The allowed values have the following meaning:
    NONE - Disables VSAM batch logging.
    REDO - Enables VSAM batch logging.

UNDO - Changes made to your VSAM data set are backed out using VSAM batch logging.
ALL - Changes made to your VSAM data set are backed out and forward recovered using VSAM batch logging.
Example: --frlog ALL

Allowed values: NONE, UNDO, ALL, REDO

- `--log-replicate` | `--lrp` *(string)*

  - Specify 'Y' to enable VSAM replication for this data set.
    Example: --lrp y

    Allowed values: Y, N

- `--log-stream-id` | `--lsi` *(string)*

  - Specifies the 1- to 26-character name of the forward recovery log stream.
    Example: --lsi LOGSTRA

- `--rls-enable` | `--rls` | `--re` *(string)*

  - Specify 'N' to disable VSAM record-level sharing.
    Default value: y
    Example: --rls n

    Allowed values: Y, N

FMP Connection Options

- `--host` | `-H` *(string)*

  - Specifies CA File Master Plus server host name.

- `--port` | `-P` *(number)*

  - Specifies CA File Master Plus server port.

- `--user` | `-u` *(string)*

  - Specifies Mainframe user name. May be the same as TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Specifies Mainframe password. May be the same as TSO password.

- `--protocol` | `-o` *(string)*

- Specifies CA File Master Plus REST API protocol.

    Default value: https
    Allowed values: http, https

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile` | `--fmp-p` *(string)*

    - The name of a (fmp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Creating a VRRDS with default option values and mandatory options:

  - ```
    zowe file-master-plus create vsam-vrrds fmmvs.test.dsname --mrs 160
    ```

- Creating a VRRDS with options:

  - ```
    zowe file-master-plus create vsam-vrrds fmmvs.test.dsname --mrs 160 --ars
    120 --dcis 3584 --dsu cyl --dps 1 --dss 3 --dv vol002 --icis 512 --isu cyl --
    ips 1 --iss 1 --iv vol002 --bs 37376 -e y -r y --ed 2025-09-27
    ```

- Creating a RLS enabled VRRDS with logging options:

  - ```
    zowe file-master-plus create vsam-vrrds fmmvs.test.dsname --mrs 160 --ars
    120 --dcis 3584 --dsu cyl --dps 1 --dss 3 --dv vol002 --icis 512 --isu cyl --
    ips 1 --iss 1 --iv vol002 --bs 37376 -e y -r y --rls y -l all --lsi loga --
    lrp y --fr ALL
    ```

- Creating a VRRDS data set like a model VRRDS data set:

  - ```
    zowe file-master-plus create vsam-vrrds fmmvs.test.dsname --model
    fmmvs.model.dsname
    ```

- Creating a VRRDS like a model VRRDS data set and overriding the parameters with options:

  - ```
    zowe file-master-plus create vsam-vrrds fmmvs.test.dsname --model
    fmmvs.model.dsname --mrs 160 --wc y --bs 37376 --crso 3 --csso 4 --ed p
    ```

zowe › file-master-plus › delete

Permanently deletes a data set.

zowe › file-master-plus › delete › data-set

Permanently deletes a data set.
It supports all data set types that are supported by CA File Master Plus.

Usage

zowe file-master-plus delete data-set <name> [options]

Positional Arguments

- `name` *(string)*

  - Specifies the name of the data set that you want to delete.

FMP Connection Options

- `--host` | `-H` *(string)*

    - Specifies CA File Master Plus server host name.

- `--port` | `-P` *(number)*

    - Specifies CA File Master Plus server port.

- `--user` | `-u` *(string)*

    - Specifies Mainframe user name. May be the same as TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Specifies Mainframe password. May be the same as TSO password.

- `--protocol` | `-o` *(string)*

    - Specifies CA File Master Plus REST API protocol.

        Default value: https
        Allowed values: http, https

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile` | `--fmp-p` *(string)*

    - The name of a (fmp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Deleting a data set:

    - `zowe file-master-plus delete data-set fmmvs.dsname`

zowe › file-master-plus › populate

Populate the specified data set with records.
It supports all data set types that are supported by CA File Master Plus.

zowe › file-master-plus › populate › data-set

Populate a specific data set with records.
The layout of the records to add are described by a Cobol or PL/I copybook.

Usage

zowe file-master-plus populate data-set <name> [options]

Positional Arguments

- `name` *(string)*

    - Specifies the name of the data set to populate.

Options

- `--member` | `-m` *(string)*

    - Specifies name of the member.
      Note: Used only if the specified data set is a PDS or PDSE.
      Example: -m member1.

Required Options

- `--layout-member` | `--lm` *(string)*

    - Specifies the name of the Cobol or PL/I copybook.
      Example: --lm testlay.

- `--layout-data-set` | `--lds` *(string)*

    - Specifies the name of the data set that contains the layout member.
      Example: --lds fmmvs.layout.dataset.

- `--data` | `-d` *(string)*

    - Specifies path of the .txt/.json file of the data stream. Ensure the data stream is an array in JSON format represented by a layout data set and its member.
      Example: -d ../instream/data1.txt

FMP Connection Options

- `--host` | `-H` *(string)*

    - Specifies CA File Master Plus server host name.

- `--port` | `-P` *(number)*

    - Specifies CA File Master Plus server port.

- `--user` | `-u` *(string)*

    - Specifies Mainframe user name. May be the same as TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Specifies Mainframe password. May be the same as TSO password.

- `--protocol` | `-o` *(string)*

    - Specifies CA File Master Plus REST API protocol.

Default value: https
Allowed values: http, https

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile` | `--fmp-p` *(string)*

  - The name of a (fmp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Populating a data set:

- ```
  zowe file-master-plus populate data-set fmmvs.dsname --lds
  fmmvs.layout.dataset --lm testlay --data ../instream/data1.txt
  ```

zowe › file-master-plus › rename

Rename the specified data set.

zowe › file-master-plus › rename › data-set

Rename a data set.
It supports all data set types that are supported by CA File Master Plus.

Usage

zowe file-master-plus rename data-set <old> <new> [options]

Positional Arguments

- `old` *(string)*

  - Specifies the name of the data set that you want to rename.

- `new` *(string)*

  - Specifies the new name of the data set.

Options

- `--vsam-component` | `--vsamc` *(string)*

  - Rename the data and index components of a VSAM cluster if they share the cluster name.
    Note: Used only if the target data set is a VSAM cluster.
    Example: --vsamc y.

    Default value: n
    Allowed values: y, n

FMP Connection Options

- `--host` | `-H` *(string)*

  - Specifies CA File Master Plus server host name.

- `--port` | `-P` *(number)*

- Specifies CA File Master Plus server port.

- `--user` | `-u` *(string)*

  - Specifies Mainframe user name. May be the same as TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Specifies Mainframe password. May be the same as TSO password.

- `--protocol` | `-o` *(string)*

  - Specifies CA File Master Plus REST API protocol.

    Default value: https
    Allowed values: http, https

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--fmp-profile` | `--fmp-p` *(string)*

  - The name of a (fmp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

- The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Renaming a data set:

  - `zowe file-master-plus rename data-set fmmvs.old.dsname fmmvs.new.dsname`

- Renaming a VSAM data set along with its components:

  - `zowe file-master-plus rename data-set fmmvs.oldvsam.dsname fmmvs.newvsam.dsname --vsamc y`

zowe › idms

CA IDMS plug-in for listing real-time monitor statistics and information, viewing DC log messages, and issuing DCMT and DCUF commands

zowe › idms › issue

Issues IDMS DCMT and DCUF commands

zowe › idms › issue › dcmt-display

Execute a DCMT DISPLAY command

Usage

zowe idms issue dcmt-display [options]

IDMS Connection Options

- `--host` | `-H` *(string)*

  - Host name of the IDMS REST API service

- `--port` | `-P` *(number)*

  - Port for the IDMS REST API service

- `--user` | `-u` *(string)*

  - Mainframe user name, which can be the same as your TSO login ID

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe password, which can be the same as your TSO password

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

- `--base-path` | `--bp` *(string)*

- The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer

- `--datasource` | `-d` *(string)*

  - Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

Required Options

- `--args` *(string)*

  - DCMT DISPLAY command arguments

Options

- `--broadcast` | `-b` *(string)*

  - Broadcast parameters used if the system is part of a data sharing group

Profile Options

- `--idms-profile` | `--idms-p` *(string)*

  - The name of a (idms) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

- The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Issues a 'dcmt display task send' command to display information associated with the SEND task:

  - ```
    zowe idms issue dcmt-display --args "task send"
    ```

- Issues a 'dcmt display active programs' command with an IDMS profile and data source to override the default:

  - ```
    zowe idms issue dcmt-display --args "active programs" --idms-profile
    myprofile2 --datasource sysdemo
    ```

zowe › idms › issue › dcmt-help

Execute a DCMT HELP command

Usage

zowe idms issue dcmt-help [options]

IDMS Connection Options

- `--host` | `-H` *(string)*

  - Host name of the IDMS REST API service

- `--port` | `-P` *(number)*

  - Port for the IDMS REST API service

- `--user` | `-u` *(string)*

  - Mainframe user name, which can be the same as your TSO login ID

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe password, which can be the same as your TSO password

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer

- `--datasource` | `-d` *(string)*

  - Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

Options

- `--args` *(string)*

- DCMT HELP command arguments

- `--broadcast` | `-b` *(string)*

  - Broadcast parameters used if the system is part of a data sharing group

Profile Options

- `--idms-profile` | `--idms-p` *(string)*

  - The name of a (idms) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Issues a 'dcmt help' command to display a summary of the syntax for DCMT commands:

  - `zowe idms issue dcmt-help`

- Issues a 'dcmt help task' command with a data source to override the default:

  - `zowe idms issue dcmt-help --args "task" --datasource sysdemo`

zowe › idms › issue › dcmt-quiesce

Execute a DCMT QUIESCE command

Usage

zowe idms issue dcmt-quiesce [options]

IDMS Connection Options

- `--host` | `-H` *(string)*

  - Host name of the IDMS REST API service

- `--port` | `-P` *(number)*

  - Port for the IDMS REST API service

- `--user` | `-u` *(string)*

- o Mainframe user name, which can be the same as your TSO login ID

- `--password` | `--pass` | `--pw` *(string)*

  - o Mainframe password, which can be the same as your TSO password

- `--reject-unauthorized` | `--ru` *(boolean)*

  - o Reject self-signed certificates

    Default value: true

- `--base-path` | `--bp` *(string)*

  - o The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer

- `--datasource` | `-d` *(string)*

  - o Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

Required Options

- `--args` *(string)*

  - o DCMT QUIESCE command arguments. Specifies the DCMT QUIESCE target area, segment, or DBNAME

Profile Options

- `--idms-profile` | `--idms-p` *(string)*

  - o The name of a (idms) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - o The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - o The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Issues the command 'dcmt quiesce dbname empdemo id 1' which quiesces all areas associated with segments included in the EMPDEMO database and assigns the operation to dcmt-id 1:

  - `zowe idms issue dcmt-quiesce --args "dbname empdemo id 1"`

- Issues the command 'dcmt quiesce area emp* id 2' which quiesces all areas whose segment name begins with EMP and assigns the operation to dcmt-id 2:

  - `zowe idms issue dcmt-quiesce --args "area emp* id 2"`

zowe › idms › issue › dcmt-shutdown

Execute a DCMT SHUTDOWN command

Usage

zowe idms issue dcmt-shutdown [options]

IDMS Connection Options

- `--host` | `-H` *(string)*

  - Host name of the IDMS REST API service

- `--port` | `-P` *(number)*

  - Port for the IDMS REST API service

- `--user` | `-u` *(string)*

  - Mainframe user name, which can be the same as your TSO login ID

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe password, which can be the same as your TSO password

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you

are using an API Mediation Layer

- `--datasource` | `-d` *(string)*

  - Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

Required Options

- `--args` *(string)*

  - DCMT SHUTDOWN command arguments. NOPROMPT must be specified. IMMEDIATE is optional

Profile Options

- `--idms-profile` | `--idms-p` *(string)*

  - The name of a (idms) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

- Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Issues a 'dcmt shutdown noprompt' command to shut down the DC/UCF system while allowing all active tasks and external run units to terminate normally first:

  - ```
    zowe idms issue dcmt-shutdown --args "noprompt"
    ```

- Issues a 'dcmt shutdown noprompt immediate' command to immediately shut down the DC/UCF system, abending all active tasks and external run units with code SHUT:

  - ```
    zowe idms issue dcmt-shutdown --args "noprompt immediate"
    ```

zowe › idms › issue › dcmt-statistics

Execute a DCMT STATISTICS command

Usage

zowe idms issue dcmt-statistics [options]

IDMS Connection Options

- `--host` | `-H` *(string)*

    - Host name of the IDMS REST API service

- `--port` | `-P` *(number)*

    - Port for the IDMS REST API service

- `--user` | `-u` *(string)*

    - Mainframe user name, which can be the same as your TSO login ID

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe password, which can be the same as your TSO password

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates

      Default value: true

- `--base-path` | `--bp` *(string)*

    - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer

- `--datasource` | `-d` *(string)*

    - Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

Options

- `--args` *(string)*

    - DCMT STATISTICS command arguments. Can specify ROLL to reset statistics to zero after writing them

- `--broadcast` | `-b` *(string)*

    - Broadcast parameters used if the system is part of a data sharing group

Profile Options

- `--idms-profile` | `--idms-p` *(string)*

  - The name of a (idms) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Issues a 'dcmt write statistics roll' command to write the current system and line statistics and histograms to the log file and then reset their values to zero:

  - `zowe idms issue dcmt-statistics --args "roll"`

zowe › idms › issue › dcmt-test

Execute a DCMT TEST command. Obtains diagnostic information for Broadcom technical support personnel.

The DCMT TEST command is used for debugging and diagnostic purposes only. Use it only when told to do so by CA IDMS technical support personnel. It is enabled only if certain CSA test flags are turned on

Usage

zowe idms issue dcmt-test [options]

IDMS Connection Options

- `--host` | `-H` *(string)*

  - Host name of the IDMS REST API service

- `--port` | `-P` *(number)*

  - Port for the IDMS REST API service

- `--user` | `-u` *(string)*

  - Mainframe user name, which can be the same as your TSO login ID

- `--password` | `--pass` | `--pw` *(string)*

- Mainframe password, which can be the same as your TSO password

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer

- `--datasource` | `-d` *(string)*

  - Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

Required Options

- `--args` *(string)*

  - DCMT TEST command arguments. Specifies which debugging options to use

Options

- `--broadcast` | `-b` *(string)*

  - Broadcast parameters used if the system is part of a data sharing group

Profile Options

- `--idms-profile` | `--idms-p` *(string)*

  - The name of a (idms) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Issues a 'dcmt test debug options' command, with 'debug options' being the options provided by CA IDMS technical support:

  - ```
    zowe idms issue dcmt-test --args "debug options"
    ```

zowe › idms › issue › dcmt-vary

Execute a DCMT VARY command

Usage

zowe idms issue dcmt-vary [options]

IDMS Connection Options

- `--host` | `-H` *(string)*

  - Host name of the IDMS REST API service

- `--port` | `-P` *(number)*

  - Port for the IDMS REST API service

- `--user` | `-u` *(string)*

  - Mainframe user name, which can be the same as your TSO login ID

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe password, which can be the same as your TSO password

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer

- `--datasource` | `-d` *(string)*

  - Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

Required Options

- `--args` *(string)*

  - DCMT VARY command arguments

Options

- `--broadcast` | `-b` *(string)*

  - Broadcast parameters used if the system is part of a data sharing group

Profile Options

- `--idms-profile` | `--idms-p` *(string)*

  - The name of a (idms) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields.

In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Issues a 'dcmt vary task signon enabled' command to enable the SIGNON task:

  - `zowe idms issue dcmt-vary --args "task signon enabled"`

- Issues a 'dcmt vary journal swap' command with an IDMS profile and data source to override the default:

  - `zowe idms issue dcmt-vary --args "journal swap" --idms-profile myprofile2 --datasource sysdemo`

zowe › idms › issue › dcuf-help

Execute a DCUF HELP command

Usage

zowe idms issue dcuf-help [options]

IDMS Connection Options

- `--host` | `-H` *(string)*

  - Host name of the IDMS REST API service

- `--port` | `-P` *(number)*

  - Port for the IDMS REST API service

- `--user` | `-u` *(string)*

  - Mainframe user name, which can be the same as your TSO login ID

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe password, which can be the same as your TSO password

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer

- `--datasource` | `-d` *(string)*

  - Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

Profile Options

- `--idms-profile` | `--idms-p` *(string)*

  - The name of a (idms) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Issues a 'dcuf help' command to display a list of DCUF commands and parameters. Note: Only SHOW commands are supported by the CLI:

  - `zowe idms issue dcuf-help`

zowe › idms › issue › dcuf-show

Execute a DCUF SHOW command

Usage

zowe idms issue dcuf-show [options]

IDMS Connection Options

- `--host` | `-H` *(string)*

  - Host name of the IDMS REST API service

- `--port` | `-P` *(number)*

  - Port for the IDMS REST API service

- `--user` | `-u` *(string)*

  - Mainframe user name, which can be the same as your TSO login ID

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe password, which can be the same as your TSO password

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer

- `--datasource` | `-d` *(string)*

- Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

Required Options

- `--args` *(string)*

  - DCUF SHOW command arguments

Options

- `--broadcast` | `-b` *(string)*

  - Broadcast parameters used if the system is part of a data sharing group

Profile Options

- `--idms-profile` | `--idms-p` *(string)*

  - The name of a (idms) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

- Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Issues a 'dcuf show tables' command to display a list of the available tables:

  - `zowe idms issue dcuf-show --args "tables"`

- Issues a 'dcuf show user <username>' command to display information about a specific user:

  - `zowe idms issue dcuf-show --args "user username"`

zowe › idms › list

Lists real-time monitor statistics information, log messages, active user tasks, and transaction details

zowe › idms › list › log

Lists log messages based on the search options provided

Usage

zowe idms list log [options]

IDMS Connection Options

- `--host` | `-H` *(string)*

  - Host name of the IDMS REST API service

- `--port` | `-P` *(number)*

  - Port for the IDMS REST API service

- `--user` | `-u` *(string)*

  - Mainframe user name, which can be the same as your TSO login ID

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe password, which can be the same as your TSO password

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer

- `--datasource` | `-d` *(string)*

  - Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

Required Options

- `--start-time` | `--st` *(string)*

  - Start time of the first log message

    Format: 'YYYY-MM-DD HH:mm:ss[.SSSSSS]'

- `--end-time` | `--et` *(string)*

- End time of the last log message

  Format: 'YYYY-MM-DD HH:mm:ss[.SSSSSS]'

Options

- `--record-type` | `--rt` *(string)*

  - Type of log records:

    1 - #WTL text line

    2 - User trace text or physical I/O trace text

    3 - User binary trace entries

    4 - Snap or dump text

    5 - Snap or dump binary entries

    Examples: '1,2', '1,4,5', '2'

- `--record-identifier` | `--ri` *(string)*

  - Identifier contained in log messages

    Examples: 'LTE0001,LTVTM011', 'DCSYSTEM', 'SYSTE160'

- `--search-text` | `--stext` *(string)*

  - Text contained in log messages

    Examples: 'DB001108', 'any_text_that_might_exist_in_the_message'

Profile Options

- `--idms-profile` | `--idms-p` *(string)*

  - The name of a (idms) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Lists all the log messages where the time stamps satisfy the start and end time criteria:

    - `zowe idms list log --start-time "2020-08-05 09:20:00" --end-time "2020-08-05 10:20:00"`

- Lists all the #WTL log messages where 'DB001108' is contained in the log message and where the time stamps satisfy the start and end time criteria:

    - `zowe idms list log --start-time "2020-08-05 09:20:00" --end-time "2020-08-05 10:20:00" --record-type 1 --search-text DB001108`

- Lists all log messages with the DCSYSTEM record identifier where the time stamps satisfy the start and end time criteria:

    - `zowe idms list log --start-time "2020-08-05 08:00:00.001234" --end-time "2020-08-05 13:43:33.26" --record-identifier DCSYSTEM`

zowe › idms › list › systems

Lists either all active IDMS systems on an LPAR or lists information about a specific system if a jobname is provided

Usage

zowe idms list systems [options]

IDMS Connection Options

- `--host` | `-H` *(string)*

    - Host name of the IDMS REST API service

- `--port` | `-P` *(number)*

    - Port for the IDMS REST API service

- `--user` | `-u` *(string)*

    - Mainframe user name, which can be the same as your TSO login ID

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe password, which can be the same as your TSO password

- `--reject-unauthorized` | `--ru` *(boolean)*

- Reject self-signed certificates

  Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer

Options

- `--jobname` | `-j` *(string)*

  - The job name of the active IDMS system

- `--all` | `-a` *(boolean)*

  - Lists all active systems. This is the default behavior if no job name is provided

Profile Options

- `--idms-profile` | `--idms-p` *(string)*

  - The name of a (idms) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

- The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Lists all active IDMS systems on the LPAR where the IDMS REST API service is running:

  - `zowe idms list systems --all`

- Lists a single active IDMS system identified by the IDMS system job name:

  - `zowe idms list systems --jobname SYSDEMO`

zowe › idms › list › transactions

Lists transaction details on a specific IDMS system

Usage

zowe idms list transactions [options]

IDMS Connection Options

- `--host` | `-H` *(string)*

    - Host name of the IDMS REST API service

- `--port` | `-P` *(number)*

    - Port for the IDMS REST API service

- `--user` | `-u` *(string)*

    - Mainframe user name, which can be the same as your TSO login ID

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe password, which can be the same as your TSO password

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates

        Default value: true

- `--base-path` | `--bp` *(string)*

    - The base path for your API Mediation Layer instance. Specify this option to prepend the
      base path to all resources when making REST requests. Only specify this option if you
      are using an API Mediation Layer

Required Options

- `--jobname` | `-j` *(string)*

    - The job name of the active IDMS system

Profile Options

- `--idms-profile` | `--idms-p` *(string)*

    - The name of a (idms) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

    - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Lists the transaction details of the IDMS system identified by the IDMS system job name:

    - `zowe idms list transactions --jobname SYSDEMO`

- Lists the transaction details of the IDMS system identified by the IDMS system job name as JSON formatted data:

    - `zowe idms list transactions --jobname SYSDEMO --rfj`

zowe › idms › list › user-tasks

Lists all active user tasks on a specific IDMS system

Usage

zowe idms list user-tasks [options]

IDMS Connection Options

- `--host` | `-H` *(string)*

    - Host name of the IDMS REST API service

- `--port` | `-P` *(number)*

    - Port for the IDMS REST API service

- `--user` | `-u` *(string)*

    - Mainframe user name, which can be the same as your TSO login ID

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe password, which can be the same as your TSO password

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates

Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer

Required Options

- `--jobname` | `-j` *(string)*

  - The job name of the active IDMS system

Profile Options

- `--idms-profile` | `--idms-p` *(string)*

  - The name of a (idms) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

- Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Lists the active user tasks of the IDMS system identified by the IDMS system job name:

  - `zowe idms list user-tasks --jobname SYSDEMO`

- Lists the active user tasks of the IDMS system identified by the IDMS system job name as JSON formatted data:

  - `zowe idms list user-tasks --jobname SYSDEMO --rfj`

zowe › ims

Interact with IBM IMS programs and transactions.

zowe › ims › query

Query application programs, regions or transactions across an IMSplex.The query returns information about application programs, regions and transactions. This command submits a 'QUERY PGM', 'DIS ACT' or 'QUERY TRAN' IMS command and returns the output.

zowe › ims › query › program

Query an IMS application program.

Usage

zowe ims query program [name...] [options]

Positional Arguments

- `name...` *(string)*

    - Specifies the name of the program(s) to query.

Options

- `--attributes` | `--att` *(array)*

    - Specifies the application program output fields to return.

        Default value: ALL
        Allowed values: ALL, BMPTYPE, DEFN, DEFNTYPE, DOPT, FP, GLOBAL, IMSID, GPSB, LANG, LOCAL, MODEL, RESIDENT, SCHDTYPE, STATUS, TIMESTAMP, TRANSTAT, EXPORTNEEDED, DB, RTC, TRAN, WORK

- `--status` | `--st` *(array)*

    - Selects programs for display that possess at least one of the specified program statuses.

        Allowed values: DB-NOTAVL, IOPREV, LOCK, NOTINIT, STOSCHD, TRACE

- `--route` | `--rt` *(array)*

- Specifies the routes to return.

IMS Connection Options

- `--host` | `-H` *(string)*

    - The IMS Operations API server host name.

- `--port` | `-P` *(number)*

    - The IMS Operations API server port.

- `--ims-connect-host` | `--ich` *(string)*

    - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.

- `--ims-connect-port` | `--icp` *(number)*

    - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.

- `--plex` | `-x` *(string)*

    - The name of the IMS plex.

- `--user` | `-u` *(string)*

    - The web server user name where the IMS Operations API resides.

- `--password` | `--pass` *(string)*

    - The web server user password where the IMS Operations API resides.

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile` | `--ims-p` *(string)*

    - The name of a (ims) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Query information for an application program named PGM123:

  - `zowe ims query program "PGM123"`

- Query information for application programs named ABC and XYZ:

  - `zowe ims query program "ABC XYZ"`

- Query information for application programs starting with PROG using the wild card character '*':

  - `zowe ims query program "PROG*"`

- Query information for all application programs (default is all):

  - `zowe ims query program`

- Query information for all application programs specifying optional parameters:

  - `zowe ims query program --attributes "BMPTYPE TIMESTAMP" --status "NOTINIT" --route "IMS1 IMS2"`

- Query information for all application programs specifying optional connection parameters:

  - `zowe ims query program --user "username" --pass "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex "PLEX1"`

zowe › ims › query › region

Query an IMS region.

Usage

zowe ims query region [options]

Options

- `--dc` *(boolean)*

  - Displays only the DC subset of the output

    Default value: true

- `--region` *(boolean)*

  - Displays only the REGION subset of the output. The display consists of active regions

    Default value: true

- `--route` | `--rt` *(array)*

  - Specifies the routes to return.

IMS Connection Options

- `--host` | `-H` *(string)*

  - The IMS Operations API server host name.

- `--port` | `-P` *(number)*

  - The IMS Operations API server port.

- `--ims-connect-host` | `--ich` *(string)*

  - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.

- `--ims-connect-port` | `--icp` *(number)*

  - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.

- `--plex` | `-x` *(string)*

  - The name of the IMS plex.

- `--user` | `-u` *(string)*

  - The web server user name where the IMS Operations API resides.

- `--password` | `--pass` *(string)*

- The web server user password where the IMS Operations API resides.

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile` | `--ims-p` *(string)*

  - The name of a (ims) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

- Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Query information for regions on route IMS1:

  - `zowe ims query region "IMS1"`

- Query information for regions on routes IMS1 and IMS2:

  - `zowe ims query region "IMS1 IMS2"`

- Query DC and region information for regions on routes IMS1 and IMS2:

  - `zowe ims query region "IMS1 IMS2" --dc true --region true`

- Query information for regions specifying optional connection parameters:

  - `zowe ims query region --user "username" --pass "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex "PLEX1"`

zowe › ims › query › transaction

Query an IMS transaction.

Usage

zowe ims query transaction [name...] [options]

Positional Arguments

- `name...` *(string)*

  - Specifies the name of transaction(s) to query. You can use an * character as a wildcard to select multiple transactions.

Options

- `--attributes` | `--att` *(array)*

  - Specifies the transaction output fields to return.

    Allowed values: ALL, BMPTYPE, DEFN, DEFNTYPE, DOPT, FP, GLOBAL, IMSID, GPSB, LANG, LOCAL, MODEL, RESIDENT, SCHDTYPE, STATUS, TIMESTAMP, TRANSTAT, EXPORTNEEDED, DB, RTC, TRAN, WORK

- `--status` | `--st` *(array)*

  - Selects transactions that possess at least one of the specified transaction statuses.

    Allowed values: AFFIN, BAL, CONV, CPIC, DYN, IOPREV, LCK, NOTINIT, QERR, QSTP, SUSPEND, STOQ, STOSCHD, TRACE, USTO

- `--route` | `--rt` *(array)*

  - Specifies the routes to return.

- `--class` | `--cl` *(array)*

  - Selects transactions by the classes you specify.

- `--queue-count-operator` | `--qco` *(array)*

  - The compare operator used to select transactions based on queue count. Valid values: LT, LE, GT, GE, EQ or NE.

- `--queue-count-value` | `--qcv` *(number)*

- The numeric value used with 'queue_count_operator' to select transactions based on queue count.

- `--conversation-attributes` | `--ca` *(string)*

  - Selects transactions by the conversational attributes you specify.

- `--fast-path-options` | `--fpo` *(string)*

  - Selects transactions by the Fast Path options you specify.

- `--remote-option-specified` | `--ros` *(string)*

  - Selects transactions by the remote option you specify.

- `--response-mode-option-specified` | `--rmos` *(string)*

  - Selects transactions by the response mode option you specify.

IMS Connection Options

- `--host` | `-H` *(string)*

  - The IMS Operations API server host name.

- `--port` | `-P` *(number)*

  - The IMS Operations API server port.

- `--ims-connect-host` | `--ich` *(string)*

  - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.

- `--ims-connect-port` | `--icp` *(number)*

  - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.

- `--plex` | `-x` *(string)*

  - The name of the IMS plex.

- `--user` | `-u` *(string)*

  - The web server user name where the IMS Operations API resides.

- `--password` | `--pass` *(string)*

- The web server user password where the IMS Operations API resides.

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile` | `--ims-p` *(string)*

  - The name of a (ims) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

- Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Query transaction information for transaction named TRN12:

  - `zowe ims query transaction "TRN12"`

- Query transaction information for transactions named TRAN1 and TRAN2:

  - `zowe ims query transaction "TRAN1 TRAN2"`

- Query transaction information for transactions starting with TRAN using the wild card character '*':

  - `zowe ims query transaction "TRAN*"`

- Query transaction information for all transactions (default is all):

  - `zowe ims query transaction`

- Query transaction information for all transactions specifying optional parameters:

- `zowe ims query transaction --attributes "AFFIN TIMESTAMP" --status "NOTINIT" --route "IMS1 IMS2"`

- Query transaction information for all transactions specifying optional connection parameters:

  - `zowe ims query transaction --user "username" --pass "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex "PLEX1"`

zowe › ims › start

Starts a region, application program, or transaction and makes IMS resources available for reference and use. This command submits a '/START REGION', 'UPDATE PGM' or 'UPDATE TRAN' IMS command and returns the output.

zowe › ims › start › program

Start an IMS application program.

Usage

zowe ims start program [name...] [options]

Positional Arguments

- `name...` *(string)*

  - The name of the application program(s) to start. The maximum length of a program name is eight characters.

Options

- `--attributes` | `--att` *(array)*

  - The attributes that are to be started

    Default value: SCHD
    Allowed values: SCHD, TRACE, REFRESH

- `--route` | `--rte` *(array)*

  - The region(s) to route the command to

IMS Connection Options

- `--host` | `-H` *(string)*

- The IMS Operations API server host name.

- `--port` | `-P` *(number)*

  - The IMS Operations API server port.

- `--ims-connect-host` | `--ich` *(string)*

  - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.

- `--ims-connect-port` | `--icp` *(number)*

  - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.

- `--plex` | `-x` *(string)*

  - The name of the IMS plex.

- `--user` | `-u` *(string)*

  - The web server user name where the IMS Operations API resides.

- `--password` | `--pass` *(string)*

  - The web server user password where the IMS Operations API resides.

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile` | `--ims-p` *(string)*

  - The name of a (ims) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

- Reject self-signed certificates.

  Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Start an application program named PGM123:

  - `zowe ims start program "PGM123"`

- Start all application programs beginning with ACC*:

  - `zowe ims start program "ACC*"`

- Start an application program named PGM234 and start tracing:

  - `zowe ims start program "PGM234" --attributes "SCHD TRACE"`

- Start an application program named PGM890 routing to control regions IMS1 and IMS2:

  - `zowe ims start program "PGM890" --route "IMS1 IMS2"`

- Start an application programs named XYZ1 specifying optional connection parameters:

  - `zowe ims start program "XYZ1" --user "username" --pass "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex "PLEX1"`

zowe › ims › start › region

Start an IMS region.

Usage

zowe ims start region [memberName] [options]

Positional Arguments

- `memberName` *(string)*

  - The name of the member that contains JCL for the region to start. The maximum length of the member name is eight characters. If no member name is specified, the default member name is used

Options

- `--route` | `--rte` *(array)*

- The region(s) to route the command to

- `--local` | `-l` *(boolean)*

  - If you specify the --local option, IMS overrides the symbolic IMSID parameter in the JCL of the default or specified member. --local is the default if you specify the --job-name option.

- `--job-name` | `--jn` *(string)*

  - Use this option to override the job name on the JOB statement of the default or specified JCL member for a dependent region.

IMS Connection Options

- `--host` | `-H` *(string)*

  - The IMS Operations API server host name.

- `--port` | `-P` *(number)*

  - The IMS Operations API server port.

- `--ims-connect-host` | `--ich` *(string)*

  - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.

- `--ims-connect-port` | `--icp` *(number)*

  - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.

- `--plex` | `-x` *(string)*

  - The name of the IMS plex.

- `--user` | `-u` *(string)*

  - The web server user name where the IMS Operations API resides.

- `--password` | `--pass` *(string)*

  - The web server user password where the IMS Operations API resides.

- `--base-path` | `--bp` *(string)*

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile` | `--ims-p` *(string)*

  - The name of a (ims) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Start a region stored in a member named MEM1:

  - `zowe ims start region "MEM1"`

- Start a region stored in a member named MEM2 specifying the region to route the command:

  - `zowe ims start region "MEM2" --route "IMS1"`

- Start a region stored in a member named MEM3 and override the job name:

  - `zowe ims start region "MEM3" --job-name "JOB9"`

- Start a region stored in a member named MEM4 routing to control regions IMS1 and IMS2:

  - `zowe ims start region "MEM4" --route "IMS1 IMS2"`

- Start a region stored in a member named MEM5 specifying optional connection parameters:

  - `zowe ims start region "MEM5" --user "username" --pass "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex "PLEX1"`

zowe › ims › start › transaction

Start an IMS transaction.

Usage

zowe ims start transaction [name...] [options]

Positional Arguments

- `name...` *(string)*

    - The name of the transaction(s) to start. The maximum length of a transaction name is eight characters.

Options

- `--attributes` | `--att` *(array)*

    - The attributes that are to be started

        Default value: SCHD
        Allowed values: Q, SCHD, SUSPEND, TRACE

- `--route` | `--rte` *(array)*

    - The region(s) to route the command to

IMS Connection Options

- `--host` | `-H` *(string)*

    - The IMS Operations API server host name.

- `--port` | `-P` *(number)*

    - The IMS Operations API server port.

- `--ims-connect-host` | `--ich` *(string)*

    - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.

- `--ims-connect-port` | `--icp` *(number)*

    - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.

- `--plex` | `-x` *(string)*

- The name of the IMS plex.

- `--user` | `-u` *(string)*

  - The web server user name where the IMS Operations API resides.

- `--password` | `--pass` *(string)*

  - The web server user password where the IMS Operations API resides.

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile` | `--ims-p` *(string)*

  - The name of a (ims) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Start a transaction named TRN1:

  - `zowe ims start transaction "TRN1"`

- Start all transactions beginning with TRN*:

  - `zowe ims start transaction "TRN*"`

- Start a transaction named TRN2 and start tracing:

- ○ `zowe ims start transaction "TRN2" --attributes "SCHD TRACE"`

- Start a transaction named TRN3 routing to control regions IMS1 and IMS2:

  - ○ `zowe ims start transaction "TRN3" --route "IMS1 IMS2"`

- Start a transaction named TRN4 specifying optional connection parameters:

  - ○ `zowe ims start transaction "TRN4" --user "username" --pass "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex "PLEX1"`

zowe › ims › stop

Stops a running region, application program or transaction. This command submits a '/STOP REGION', 'UPDATE PGM' or 'UPDATE TRAN' IMS command and returns the output.",

zowe › ims › stop › program

Stop an IMS application program.

Usage

zowe ims stop program [name...] [options]

Positional Arguments

- `name...` *(string)*

  - ○ The name(of the program(s) to stop. The maximum length of a program name is eight characters.

Options

- `--attributes` | `--att` *(array)*

  - ○ The attributes that are to be stopped

    Default value: SCHD
    Allowed values: SCHD, TRACE

- `--route` | `--rte` *(array)*

  - ○ The region(s) to route the command

IMS Connection Options

- `--host` | `-H` *(string)*

  - The IMS Operations API server host name.

- `--port` | `-P` *(number)*

  - The IMS Operations API server port.

- `--ims-connect-host` | `--ich` *(string)*

  - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.

- `--ims-connect-port` | `--icp` *(number)*

  - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.

- `--plex` | `-x` *(string)*

  - The name of the IMS plex.

- `--user` | `-u` *(string)*

  - The web server user name where the IMS Operations API resides.

- `--password` | `--pass` *(string)*

  - The web server user password where the IMS Operations API resides.

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile` | `--ims-p` *(string)*

  - The name of a (ims) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

    - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

    - The command response output format type. Must be one of the following:

        table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

        list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

        object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

        string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Stop an application program named PGM123:

  - `zowe ims stop program "PGM123"`

- Stop all application programs beginning with ACC*:

  - `zowe ims stop program "ACC*"`

- Stop tracing an application program named PGM234:

  - `zowe ims stop program "PGM234" --attributes "TRACE"`

- Stop an application program named PGM890 routing to control regions IMS1 and IMS2:

  - `zowe ims stop program "PGM890" --route "IMS1 IMS2"`

- Stop an application programs named XYZ1 specifying optional connection parameters:

  - `zowe ims stop program "XYZ1" --user "username" --pass "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex "PLEX1"`

zowe › ims › stop › region

Stop an IMS region.

Usage

zowe ims stop region [options]

Options

- `--region-ids` | `--ri` *(array)*

  - Region identifier numbers for the regions you want to stop. You must specify either this option or --job-name.

- `--job-name` | `--jn` *(string)*

- The name of the job for the IMS region you want to stop. You must specify either this option or --region-ids.

- `--route` | `--rte` *(array)*

  - The region(s) to route the command to

- `--abdump` *(string)*

  - Specify this option to cause abnormal termination (ABEND) of an application program. If the transaction indicated by this argument is currently running in the specified region, an error message is received at the master terminal, indicating an application program ABEND. The region will remain active, but the transaction will be stopped. The command is ignored if the transaction is not currently scheduled in the region.

- `--cancel` *(boolean)*

  - Use this option if the region cannot be stopped with a stop region --abdump command. To use this option, you must have already submitted a stop region command using the --abdump option.

- `--transaction` *(string)*

  - Specify a transaction in wait-for-input mode to stop its message processing within the specified region.

IMS Connection Options

- `--host` | `-H` *(string)*

  - The IMS Operations API server host name.

- `--port` | `-P` *(number)*

  - The IMS Operations API server port.

- `--ims-connect-host` | `--ich` *(string)*

  - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.

- `--ims-connect-port` | `--icp` *(number)*

  - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.

- `--plex` | `-x` *(string)*

  - The name of the IMS plex.

- `--user` | `-u` *(string)*

  - The web server user name where the IMS Operations API resides.

- `--password` | `--pass` *(string)*

  - The web server user password where the IMS Operations API resides.

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile` | `--ims-p` *(string)*

  - The name of a (ims) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

- The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Stop a region with job name JOBNM1:

  - `zowe ims stop region --job-name "JOBNM1"`

- Stop multiple regions with region identifiers:

  - `zowe ims stop region --region-ids 4 5`

- Stop a region with region identifier and cause the abnormal termination (ABEND) of the application program:

  - `zowe ims stop region --region-ids 4 --abdump "TRAN1"`

- Stop a region with region identifier and specify 'cancel' because the 'abdump' option failed to stop the region:

  - `zowe ims stop region --region-ids 4 --cancel true`

- Stop a region with job name JOBNM4 specifying optional connection parameters:

  - `zowe ims stop region --job-name "JOBNM4" --user "username" --pass "pass1234" --host "localhost" --port 8080--ich "zos1" --icp 9999 --plex "PLEX1"`

zowe › ims › stop › transaction

Stop an IMS transaction.

Usage

zowe ims stop transaction <name...> [options]

Positional Arguments

- `name...` *(string)*

  - The name of the transaction(s) to stop. The maximum length of a transaction name is eight characters.

Options

- `--attributes` | `--att` *(array)*

  - The attributes that are to be stopped

    Default value: SCHD
    Allowed values: Q, SCHD, TRACE

- `--route` | `--rte` *(array)*

  - The region(s) to route the command

IMS Connection Options

- `--host` | `-H` *(string)*

- The IMS Operations API server host name.

- `--port` | `-P` *(number)*

    - The IMS Operations API server port.

- `--ims-connect-host` | `--ich` *(string)*

    - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.

- `--ims-connect-port` | `--icp` *(number)*

    - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.

- `--plex` | `-x` *(string)*

    - The name of the IMS plex.

- `--user` | `-u` *(string)*

    - The web server user name where the IMS Operations API resides.

- `--password` | `--pass` *(string)*

    - The web server user password where the IMS Operations API resides.

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile` | `--ims-p` *(string)*

    - The name of a (ims) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

- Reject self-signed certificates.

  Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Stop a transaction named TRN1:

  - `zowe ims stop transaction "TRN1"`

- Stop all transactions beginning with TRN*:

  - `zowe ims stop transaction "TRN*"`

- Stop tracing a transaction named TRN2:

  - `zowe ims stop transaction "TRN2" --attributes "TRACE"`

- Stop a transaction named TRN3 routing to control regions IMS1 and IMS2:

  - `zowe ims stop transaction "TRN3" --route "IMS1 IMS2"`

- Stop a transaction named TRN4 specifying optional connection parameters:

  - `zowe ims stop transaction "TRN4" --user "username" --pass "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex "PLEX1"`

zowe › ims › update

Updates the setting(s) for application program or transaction. This command submits a 'UPDATE PGM' or 'UPDATE TRAN' IMS command and returns the output.

zowe › ims › update › program

Update an IMS application program.

Usage

zowe ims update program [name...] [options]

Positional Arguments

- `name...` *(string)*

  - The name of the application program(s) to update. The maximum length of a program name is eight characters.

Options

- `--bmp-type` | `--bmptype` *(string)*

  - Specifies whether the program runs in a BMP type region or not. (N or Y).

    Allowed values: N, Y

- `--dynamic` | `--dopt` *(string)*

  - Specifies the dynamic option (N or Y).

    Allowed values: N, Y

- `--fast-path` | `--fp` *(string)*

  - Specifies the Fast Path option (E or N).

    Allowed values: E, N

- `--generated-psb` | `--gpsb` *(string)*

  - Specifies the generated PSB option (N or Y).

    Allowed values: N, Y

- `--language` | `--lang` *(string)*

  - Specifies the language interface of the program or a GPSB or defined a DOPT(Y)
    program as using the JAVA language (ASSEM, COBOL, JAVA, PASCAL, PLI).

    Allowed values: ASSEM, COBOL, JAVA, PASCAL, PLI

- `--lock` | `-l` *(string)*

  - Specifies the LOCK status is to be set (ON or OFF).

    Allowed values: ON, OFF

- `--option` | `-o` *(string)*

  - Specifies to return response lines for all resources that are processed. It is only valid with
    --name * (ALLRSP).

    Allowed values: ALLRSP

- `--resident` | `-r` *(string)*

- Specifies the resident option (N or Y).

  Allowed values: N, Y

- `--route` | `--rte` *(array)*

  - Specifies the region(s) to route the command.

- `--schedule-type` | `--schdtype` *(string)*

  - Specifies whether this application program can be scheduled into more than one message region or batch message region simultaneously (PARALLEL or SERIAL).

    Allowed values: PARALLEL, SERIAL

- `--transaction-level-stat` | `--transtat` *(string)*

  - Specifies whether transaction level statistics should be logged (N or Y).

    Allowed values: N, Y

IMS Connection Options

- `--host` | `-H` *(string)*

  - The IMS Operations API server host name.

- `--port` | `-P` *(number)*

  - The IMS Operations API server port.

- `--ims-connect-host` | `--ich` *(string)*

  - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.

- `--ims-connect-port` | `--icp` *(number)*

  - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.

- `--plex` | `-x` *(string)*

  - The name of the IMS plex.

- `--user` | `-u` *(string)*

  - The web server user name where the IMS Operations API resides.

- `--password` | `--pass` *(string)*

  - The web server user password where the IMS Operations API resides.

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile` | `--ims-p` *(string)*

  - The name of a (ims) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Update an application program named PGM123 to execute exclusively as Fast Path:

  - `zowe ims update program "PGM123" --fp "E"`

- Update all application programs beginning with ACC* to not run in a BMP type region:

  - `zowe ims update program "ACC*" --bmptype "N"`

- Unlock all programs beginning with PGM* to allow scheduling:

  - `zowe ims update program "PGM*" --lock "OFF"`

- Update an application program named PGM890 to execute as Fast Path routing to control regions IMS1 and IMS2:

  - `zowe ims update program "PGM890" --fp "E" --route "IMS1 IMS2"`

- Unlock an application programs named XYZ1 to allow scheduling specifying optional connection parameters:

  - ```
    zowe ims update program "XYZ1" --lock "OFF" --user "username" --pass
    "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex
    "PLEX1"
    ```

zowe › ims › update › transaction

Update an IMS transaction.

Usage

zowe ims update transaction [name...] [options]

Positional Arguments

- `name...` *(string)*

  - The name of the transaction(s) to update. The maximum length of a transaction name is eight characters.

Options

- `--aoi-cmd` | `--aocmd` *(string)*

  - Specifies the AOI option that you want to change (N, CMD, TRAN, Y).

    Allowed values: N, CMD, TRAN, Y

- `--class` | `-c` *(array)*

  - Selects the transactions associated with the specified class or classes to be updated.

- `--commit-mode` | `--cmtmode` *(string)*

  - Specifies when database updates and non-express output messages are committed (SNGL, MULT).

    Allowed values: SINGLE, MODE

- `--conversation` | `--conv` *(string)*

  - Specifies the conversation option (N or Y).

    Allowed values: N, Y

- `--current-priority` | `--cpri` *(number)*

  - Specifies a new value for the current priority of a transaction.

- `--directed-routing` | `--dirroute` *(string)*

  - Specifies the MSC directed routing option (N or Y).

    Allowed values: N, Y

- `--edit-routine` | `--editrtn` *(string)*

  - Specifies the 1- to 8-character name of your transaction input edit routine that edits messages before the program receives the message.

- `--edit-uppercase` | `--edituc` *(string)*

  - Specifies the edit to uppercase option (N or Y).

    Allowed values: N, Y

- `--emh-buffer-size` | `--emhbsz` *(number)*

  - Specifies the EMH buffer size required to run the Fast Path transaction.

- `--expiration-time` | `--exprtime` *(number)*

  - Specifies the elapsed time in seconds that IMS can use to cancel the input transaction.

- `--fast-path` | `--fp` *(string)*

  - Specifies the Fast Path option (E, N, P).

    Allowed values: E, N, P

- `--inquiry` | `--inq` *(string)*

  - Specifies the inquiry option (N or Y).

    Allowed values: N, Y

- `--limit-count` | `--lct` *(number)*

  - Specifies the limit count.

- `--limit-priority` | `--lpri` *(number)*

  - Specifies the limit priority.

- `--lock` | `-l` *(string)*

  - Specifies that the LOCK status is to be set on or off. Cannot be specified with any other SET attribute(ON or OFF).

    Allowed values: ON, OFF

- `--log-write-ahead` | `--dclwa` *(string)*

  - Specifies the log write-ahead option (N or Y).

    Allowed values: N, Y

- `--maximum-regions` | `--maxrgn` *(number)*

  - Specifies a new value for the maximum number of regions that can be simultaneously scheduled for a given transaction.

- `--message-type` | `--msgtype` *(string)*

  - Specifies the message type (single segment or multiple segment) (MULTSEG or SNGLSEG).

    Allowed values: MULTSEG, SNGLSEG

- `--msname` | `--mn` *(string)*

  - Specifies the one- to eight-character name of the logical link path in a multiple IMS system configuration (MSC).

- `--normal-scheduling-priority` | `--npri` *(number)*

  - Specifies the normal scheduling priority.

- `--option` | `-o` *(string)*

  - Specifies functions to be performed along with the command (AFFIN or ALLRSP).

    Allowed values: ALLRSP

- `--parallel-processing-limit` | `--parlim` *(number)*

  - Specifies the parallel processing limit count.

- `--program` | `--pgm` *(string)*

  - Specifies the name of the application program associated with the transaction.

- `--processing-limit-count` | `--plct` *(number)*

  - Specifies the processing limit count.

- `--processing-limit-count-time` | `--plcttime` *(number)*

  - Specifies the processing limit count time.

- `--recover` | `-r` *(string)*

  - Specifies the recovery option (N or Y).

    Allowed values: N, Y

- `--remote` | `--re` *(string)*

  - Specifies the remote option (N or Y).

    Allowed values: N, Y

- `--response-mode` | `--resp` *(string)*

  - Specifies the response mode option (N or Y).

    Allowed values: N, Y

- `--route` | `--rte` *(array)*

  - Specifies the region(s) to route the command.

- `--segment-number` | `--segno` *(number)*

  - Specifies the segment number.

- `--segment-size` | `--segsz` *(number)*

  - Specifies the segment size.

- `--serial` | `--sr` *(string)*

  - Specifies the serial option (N or Y).

    Allowed values: N, Y

- `--set-class` | `--sc` *(number)*

  - Specifies the transaction class, which is an attribute used to select a transaction for scheduling.

- `--system-identification-local` | `--sidl` *(number)*

    - Specifies the system identification (SYSID) of the local system in a multiple-IMS system (MSC) configuration.

- `--system-identification-remote` | `--sidr` *(number)*

    - Specifies the system identification (SYSID) of the remote system in a multiple-IMS system (MSC) configuration.

- `--scratchpad-area-size` | `--spasz` *(number)*

    - Specifies the scratchpad area (SPA) size, in bytes, for a conversational transaction. The value can be a number from 16 and 32767.

- `--scratchpad-area-truncation` | `--spatrunc` *(string)*

    - Specifies the scratchpad area (SPA) truncation option of a conversational transaction (S or R).

    Allowed values: S, R

- `--transaction-level-stat` | `--transtat` *(string)*

    - Specifies whether transaction level statistics should be logged for message driven programs (N or Y).

    Allowed values: N, Y

- `--wait-for-input` | `--wfi` *(string)*

    - Specifies the wait-for input option (N or Y).

    Allowed values: N, Y

IMS Connection Options

- `--host` | `-H` *(string)*

    - The IMS Operations API server host name.

- `--port` | `-P` *(number)*

    - The IMS Operations API server port.

- `--ims-connect-host` | `--ich` *(string)*

- The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.

- `--ims-connect-port` | `--icp` *(number)*

  - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.

- `--plex` | `-x` *(string)*

  - The name of the IMS plex.

- `--user` | `-u` *(string)*

  - The web server user name where the IMS Operations API resides.

- `--password` | `--pass` *(string)*

  - The web server user password where the IMS Operations API resides.

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Profile Options

- `--ims-profile` | `--ims-p` *(string)*

  - The name of a (ims) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Update a transaction named TRN1 to process exclusively as Fast Path:

  - `zowe ims update transaction "TRN1" --fp "E"`

- Unlock to allow scheduling all transactions beginning with TRN* and associated with class CLASSA:

  - `zowe ims update transaction "TRN*" --class "CLASSA" --lock "OFF"`

- Set response mode on for transaction named TRN2 and associated with classes CLASS1 and CLASS2:

  - `zowe ims update transaction "TRN2" --class "CLASS1 CLASS2" --resp "Y"`

- Update a transaction named TRN3 to process exclusively as Fast Path routing to control regions IMS1 and IMS2:

  - `zowe ims update transaction "TRN3" -fp "E" --route "IMS1 IMS2"`

- Associate PGM1 with transaction named TRN4 specifying optional connection parameters:

  - `zowe ims update transaction "TRN4" --pgm "PGM1" --user "username" --pass "pass1234" --host "localhost" --port 8080 --ich "zos1" --icp 9999 --plex "PLEX1"`

zowe › jclcheck

Validates the accuracy of job control language (JCL) and also helps identify execution-time errors, such as security violations and missing data sets that could cause jobs to fail.

zowe › jclcheck › check

Perform a check on JCL that is contained in an MVS data set or a local file.

zowe › jclcheck › check › data-set

Reads the specified input data set and invokes the JCLCheck service with the data set contents.

Usage

zowe jclcheck check data-set <dataSet> [options]

Positional Arguments

- `dataSet` *(string)*

    - The MVS data set containing the JCL contents. The data set can be a physical sequential (PS) or partitioned data set (PDS) member. The data set attributes must be recfm fixed-block (FB) and lrecl 80. The data set must be catalogued.

Options

- `--max-return-code` | `--mrc` *(number)*

    - Specifies the maximum acceptable return code from the JCLCheck service. If the JCLCheck overall return code exceeds the value specified on this option, the command will exit with a failure status code of 1.

- `--raw-output` | `--ro` *(boolean)*

    - Causes the command to print the unformatted JCLCheck report (raw report) instead of the formatted error table. Use this option if you intend to change the format of the JCLCheck report via runtime options. Changing the format may affect the ability to produce a structured API response.

        Default value: false

JCLCheck Connection Options

- `--host` | `-H` *(string)*

  - Host name of the JCLCheck API service that is running on the mainframe system.

- `--port` | `-P` *(number)*

  - Port for the JCLCheck API service that is running on the mainframe system.

- `--user` | `-u` *(string)*

  - User name for authenticating connections to the JCLCheck API service that is running on the mainframe system.

- `--password` | `--pass` | `--pw` *(string)*

  - Password for authenticating connections to the JCLCheck API service that is running on the mainframe system.

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--protocol` | `-o` *(string)*

  - Specifies protocol to use for JCLCheck connection (http or https).

    Default value: https
    Allowed values: http, https

- `--jclcheck-options` | `--jo` *(string)*

  - The desired set of JCLCheck runtime options. Specify the options exactly as you would on the PARM= or OPTIONS DD on a batch run of JCLCheck. See the JCLCheck runtime options documentation for details on available runtime options. If you specify options that change the format of the JCLCheck reports, you should request '--raw-output'. Changing the format of the report will affect the ability to produce a structured API response.

Profile Options

- `--jclcheck-profile` | `--jclcheck-p` *(string)*

  - The name of a (jclcheck) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Check the JCL contained in "MY.DATASET(JCL)" and print a table of statements in error:

  - `zowe jclcheck check data-set "MY.DATASET(JCL)" --host hostname --port 1234 --jclcheck-options "NOAS NOAU NOHCD NOJCL NORES NOSIGN"`

- Check the JCL contained in "MY.DATASET(JCL)" and print the raw JCLCheck report:

  - `zowe jclcheck check data-set "MY.DATASET(JCL)" --host hostname --port 1234 --jclcheck-options "NOAS NOAU NOHCD NOJCL NORES NOSIGN" --raw-output`

zowe › jclcheck › check › local-file

Reads the contents of the local file specified and invokes the JCLCheck service with the JCL contents.

Usage

zowe jclcheck check local-file <localFile> [options]

Positional Arguments

- `localFile` *(string)*

  - The local file containing the JCL to check. The local JCL file can contain a single job or multiple jobs (specified one after another without blank lines or line breaks). The JCL lines in the file must not exceed 80 characters.

Options

- `--max-return-code` | `--mrc` *(number)*

  - Specifies the maximum acceptable return code from the JCLCheck service. If the JCLCheck overall return code exceeds the value specified on this option, the command will exit with a failure status code of 1.

- `--raw-output` | `--ro` *(boolean)*

  - Causes the command to print the unformatted JCLCheck report (raw report) instead of the formatted error table. Use this option if you intend to change the format of the JCLCheck report via runtime options. Changing the format may affect the ability to produce a structured API response.

    Default value: false

JCLCheck Connection Options

- `--host` | `-H` *(string)*

  - Host name of the JCLCheck API service that is running on the mainframe system.

- `--port` | `-P` *(number)*

  - Port for the JCLCheck API service that is running on the mainframe system.

- `--user` | `-u` *(string)*

  - User name for authenticating connections to the JCLCheck API service that is running on the mainframe system.

- `--password` | `--pass` | `--pw` *(string)*

  - Password for authenticating connections to the JCLCheck API service that is running on the mainframe system.

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--protocol` | `-o` *(string)*

  - Specifies protocol to use for JCLCheck connection (http or https).

    Default value: https
    Allowed values: http, https

- `--jclcheck-options` | `--jo` *(string)*

  - The desired set of JCLCheck runtime options. Specify the options exactly as you would on the PARM= or OPTIONS DD on a batch run of JCLCheck. See the JCLCheck runtime options documentation for details on available runtime options. If you specify options that change the format of the JCLCheck reports, you should request '--raw-output'. Changing the format of the report will affect the ability to produce a structured API response.

Profile Options

- `--jclcheck-profile` | `--jclcheck-p` *(string)*

  - The name of a (jclcheck) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

- The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Check the JCL contained in the file "jcl.txt" and print a table of statements in error:

  - `zowe jclcheck check local-file jcl.txt --host hostname --port 1234 --jclcheck-options "NOAS NOAU NOHCD NOJCL NORES NOSIGN"`

- Check the JCL contained in the file "jcl.txt" and print the raw JCLCheck report:

  - `zowe jclcheck check local-file jcl.txt --host hostname --port 1234 --jclcheck-options "NOAS NOAU NOHCD NOJCL NORES NOSIGN" --raw-output`

zowe › mat

The CA MAT Analyze plug-in for ZOWE CLI enables you to manage monitor profiles and get the measurement analysis data using CA Mainframe Application Tuner (CA MAT)

zowe › mat › monitor

Get monitor history and measurement analysis data from CA MAT.

zowe › mat › monitor › codeview

Get the CodeView measurement details.

zowe › mat › monitor › codeview › callerid

Get the CodeView CallerID details for the specific CSECT and module.

Usage

zowe mat monitor codeview callerid [options]

Options

- `--profile` *(string)*

  - Specifies the name of the profile that you want to analyze. When you specify the profile name, you get the data for the latest measurement within the specified profile.

- `--mon_num` *(number)*

  - Specifies the unique monitor number of the measurement.

- `--module` *(string)*

  - Specifies the module name that you request the CallerID details for. You get the module value from the 'codeview csect' command response. The module name can be empty (e.g., --module "IGZCPAC" or --module """").

- `--csect` *(string)*

  - Specifies the CSECT name that you request the CallerID details for. You get the csect value from the 'codeview csect' command response. The CSECT name can be empty

(e.g., --csect "TUNCOB01" or --csect """").

Profile Options

- `--mat-profile` | `--mat-p` *(string)*

    - The name of a (mat) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Get the CallerID details for monitor number 5, CSECT name TUNCOB01, and module name RUNCOB:

  - ```
    zowe mat monitor codeview callerid --mon_num 5 --csect "TUNCOB01" --module
    "RUNCOB"
    ```

- Get the CallerID details for the latest monitor in the TESTPROF profile for CSECT name TUNCOB01 and empty module name:

  - ```
    zowe mat monitor codeview callerid --profile TESTPROF --csect "TUNCOB01" --
    module '""'
    ```

zowe › mat › monitor › codeview › csect

Get the CodeView measurement details in Csect mode.

Usage

zowe mat monitor codeview csect [options]

Options

- `--profile` *(string)*

  - Specifies the name of the profile that you want to analyze. When you specify the profile name, you get the data for the latest measurement within the specified profile.

- `--mon_num` *(number)*

  - Specifies the unique monitor number of the measurement.

Profile Options

- `--mat-profile` | `--mat-p` *(string)*

  - The name of a (mat) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

      Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Get the CodeView measurement details in Csect mode for monitor number 5:

    - `zowe mat monitor codeview csect --mon_num 5`

- Get the CodeView measurement details in Csect mode for the latest monitor in the TESTPROF profile:

  - `zowe mat monitor codeview csect --profile TESTPROF`

zowe › mat › monitor › codeview › histogram

Get the Histogram details for the measurement.

Usage

zowe mat monitor codeview histogram [options]

Options

- `--profile` *(string)*

  - Specifies the name of the profile that you want to analyze. When you specify the profile name, you get the data for the latest measurement within the specified profile.

- `--mon_num` *(number)*

  - Specifies the unique monitor number of the measurement.

- `--module` *(string)*

  - Specifies the module name that you request the Histogram data for. You get the module value from the 'codeview csect' command response. The module name can be empty (e.g., --module "IGZCPAC" or --module """").

- `--csect` *(string)*

  - Specifies the CSECT name that you request the Histogram data for. You get the csect value from the 'codeview csect' command response. The CSECT name can be empty (e.g., --csect "TUNCOB01" or --csect """").

- `--group` *(string)*

  - Specifies the histogram group size parameter that defines the resolution of the histogram (e.g., --group 32). If you do not specify the group parameter, the group size value defaults to 4 bytes. If the source program listing is registered with CA MAT, the group size parameter is ignored. The --group parameter is optional. Lower values of the --group parameter result in more granular representation of the histogram data. Values: numbers between 2 and 999999.

- `--top` *(number)*

  - Specifies the maximum number of the top consuming CSECT activity locations that you want to obtain in the response (e.g., --top 5). If you specify --top 0, you get the list of all CSECT activity locations that CA MAT has detected during the measurement.The --top parameter is optional. Values: numbers between 0 and 300.

- `--listing` *(boolean)*

  - Enables you to retrieve program listing details that pertain to the specific CSECT and statement. To use the listing retrieval option, you must install and configure the CA Endevor® Web Services and have the program listing for the specific measurement registered with CA MAT. The source code listing is retrieved through CA Endevor® footprints for Cobol, C/C++, and Assembler programs. The program listing file is downloaded to your local directory that you specified with the 'listingDir' parameter in your MAT configuration profile. When you request the histogram details with the '--listing' option, the 'histogram' command returns the additional 'listing' column that contains a reference to the program listing with the specific CSECT name, program type, line and column number that pertain to the requested CSECT and statement, for example, c:listingsSA420LE.asm:382:51. If you use Visual Studio Code (VS Code) IDE, you can click on the reference in the command responce in your VS Code terminal to navigate directly to the indicated source program location.The --listing parameter is optional.

Profile Options

- `--mat-profile` | `--mat-p` *(string)*

  - The name of a (mat) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

- o User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - o Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - o Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - o The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - o The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - o The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - o The file path to a certificate key file to use for authentication

Examples

- Get the Histogram details for monitor number 5, CSECT name TUNCOB01, and module name RUNCOB:

  - o `zowe mat monitor codeview histogram --mon_num 5 --csect "TUNCOB01" --module "RUNCOB"`

- Get the Histogram details for the latest monitor in the TESTPROF profile for CSECT name TUNCOB01, empty module name, limiting the group size to 32 bytes and the number of returned records to 5 top consumers:

  - o `zowe mat monitor codeview histogram --profile TESTPROF --csect "TUNCOB01" --module '""' --top 5 --group 32`

- Get the Histogram details for monitor number 5, CSECT name TUNCOB01, and module name RUNCOB, limit the number of returned records to 5 top consumers, and request the listing details:

- ```
  zowe mat monitor codeview histogram --mon_num 5 --csect "TUNCOB01" --module
  "RUNCOB" --top 5 --listing
  ```

zowe › mat › monitor › codeview › module

Get the CodeView measurement details in Module mode.

Usage

zowe mat monitor codeview module [options]

Options

- `--profile` *(string)*

  - Specifies the name of the profile that you want to analyze. When you specify the profile name, you get the data for the latest measurement within the specified profile.

- `--mon_num` *(number)*

  - Specifies the unique monitor number of the measurement.

Profile Options

- `--mat-profile` | `--mat-p` *(string)*

  - The name of a (mat) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

- Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Get the CodeView measurement details in Module mode for monitor number 5:

  - `zowe mat monitor codeview module --mon_num 5`

- Get the CodeView measurement details in Module mode for the latest monitor in the TESTPROF profile:

  - `zowe mat monitor codeview module --profile TESTPROF`

zowe › mat › monitor › db2

Get the DB2 measurement details.

zowe › mat › monitor › db2 › db2view

Get the DB2View details for the measurement.

Usage

zowe mat monitor db2 db2view [options]

Options

- `--profile` *(string)*

    - Specifies the name of the profile that you want to analyze. When you specify the profile name, you get the data for the latest measurement within the specified profile.

- `--mon_num` *(number)*

    - Specifies the unique monitor number of the measurement.

- `--top` *(number)*

    - Specifies the maximum number of the top consuming DB2 statements that you want to obtain in the response (e.g., --top 5). If you specify --top 0, you get the list of all DB2 statements that CA MAT has detected during the measurement.The --top parameter is optional. Values: numbers between 0 and 300.

Profile Options

- `--mat-profile` | `--mat-p` *(string)*

    - The name of a (mat) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Get the DB2View details for monitor number 5:

  - ```
    zowe mat monitor db2 db2view --mon_num 5
    ```

- Get the DB2View details for the latest monitor in the TESTPROF profile, with the top consumer limitation set to 5 top consumers:

  - ```
    zowe mat monitor db2 db2view --profile TESTPROF --top 5
    ```

zowe › mat › monitor › db2 › sqlstmt

Get SQL details for the DB2 statement.

Usage

zowe mat monitor db2 sqlstmt [options]

Options

- `--profile` *(string)*

- Specifies the name of the profile that you want to analyze. When you specify the profile name, you get the data for the latest measurement within the specified profile.

- `--mon_num` *(number)*

  - Specifies the unique monitor number of the measurement.

- `--dbrm` *(string)*

  - Specifies the DBRM/Package name that the requested DB2 statement belongs to (e.g., --dbrm CUPBTSDY). You get the dbrm value from the 'db2 db2view ' command response.

- `--stmtnum` *(number)*

  - Specifies the statement number that you request the SQL details for (e.g., --stmtnum 464). You get the stmtnum value from the 'db2 db2view ' command response.

- `--totalsamps` *(number)*

  - Specifies the total number of samples taken for the requested statement (e.g., --totalsamps 1). You get the totalsamps value from the 'db2 db2view ' command response.

Profile Options

- `--mat-profile` | `--mat-p` *(string)*

  - The name of a (mat) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

- Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Get the DB2 SQL statement details for monitor number 5 for DBRM CUPBTSDY, statement number 464, with total number of taken samples 1:

  - `zowe mat monitor db2 sqlstmt --mon_num 5 --dbrm CUPBTSDY --stmtnum 464 --totalsamps 1`

- Get the DB2 SQL statement details for the latest monitor in the TESTPROF profile, for DBRM CUPBTSDY, statement number 464, with total number of taken samples 1:

  - `zowe mat monitor db2 sqlstmt --profile TESTPROF --dbrm CUPBTSDY --stmtnum 464 --totalsamps 1`

zowe › mat › monitor › delayview

Get the DelayView measurement details.

zowe › mat › monitor › delayview › address

Get the delay address details for the measurement.

Usage

zowe mat monitor delayview address [options]

Options

- `--profile` *(string)*

  - Specifies the name of the profile that you want to analyze. When you specify the profile name, you get the data for the latest measurement within the specified profile.

- `--mon_num` *(number)*

  - Specifies the unique monitor number of the measurement.

- `--majorcategory` *(string)*

  - Specifies the major delay category name identified for the analysis item (e.g., --majorcategory "PC routine delay"). You get the majorcategory value from the 'delayview delay' command response.

- `--minorcategory` *(string)*

  - Specifies the minor delay category name identified for the analysis item (e.g., --minorcategory "PC CALL"). You get the minorcategory value from the 'delayview delay' command response.

Profile Options

- `--mat-profile` | `--mat-p` *(string)*

  - The name of a (mat) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Get the delay address details for majorcategory "PC routine delay" and minorcategory "PC CALL" for monitor number 5:

  - ```
    zowe mat monitor delayview address --mon_num 5 --majorcategory "PC routine delay" --minorcategory "PC CALL"
    ```

- Get the delay address details for majorcategory "PC routine delay" and minorcategory "PC CALL" for the latest monitor in the TESTPROF profile:

  - ```
    zowe mat monitor delayview address --profile TESTPROF --majorcategory "PC routine delay" --minorcategory "PC CALL"
    ```

zowe › mat › monitor › delayview › delay

Get the delay details for the measurement.

Usage

zowe mat monitor delayview delay [options]

Options

- `--profile` *(string)*

    - Specifies the name of the profile that you want to analyze. When you specify the profile name, you get the data for the latest measurement within the specified profile.

- `--mon_num` *(number)*

    - Specifies the unique monitor number of the measurement.

Profile Options

- `--mat-profile` | `--mat-p` *(string)*

    - The name of a (mat) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

- Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Get the DelayView measurement details for monitor number 5:

    - `zowe mat monitor delayview delay --mon_num 5`

- Get the DelayView measurement details for the latest monitor in the TESTPROF profile:

    - `zowe mat monitor delayview delay --profile TESTPROF`

zowe › mat › monitor › history

Get list of all available measurements that are stored in the history of the specific monitor profile.

Usage

zowe mat monitor history [options]

Options

- `--profile` *(string)*

    - Specifies the name of the profile.

Profile Options

- `--mat-profile` | `--mat-p` *(string)*

  - The name of a (mat) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Get the list of all available measurements that are stored in the history of the monitor profile TESTPROF:

  - `zowe mat monitor history --profile TESTPROF`

zowe › mat › monitor › overview

Get the overview details of the measurement.

Usage

zowe mat monitor overview [options]

Options

- `--profile` *(string)*

  - Specifies the name of the profile that you want to analyze. When you specify the profile name, you get the data for the latest measurement within the specified profile.

- `--mon_num` *(number)*

  - Specifies the unique monitor number of the measurement.

Profile Options

- `--mat-profile` | `--mat-p` *(string)*

  - The name of a (mat) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

- User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Get the overview details of the measurement for monitor number 5:

  - `zowe mat monitor overview --mon_num 5`

- Get the overview details of the measurement for the latest monitor in the TESTPROF profile:

  - `zowe mat monitor overview --profile TESTPROF`

zowe › mat › profile

Create, invoke, and list CA MAT monitor profiles.

zowe › mat › profile › create

Create a CA MAT monitor profile.

Usage

zowe mat profile create [options]

Required Options

- `--profile` *(string)*

    - Specifies the name of the profile that you create in CA MAT (e.g. PROFILE1). Values: 1 to 8 characters, a combination of alphanumeric and national characters (A-Z, 0-9, and @), the first character must be an alphabetic or @. The profile name must not contain characters # and $.

- `--jobname` *(string)*

    - Specifies the name of the job that you want to measure (e.g. JOB1). Values: 1 to 8 characters, alphanumeric (A-Z capitals only and 0-9), national (#, $, @), and wildcards (* or %).

- `--targsys` *(string)*

    - Specifies the target system in SYSPLEX. Values: a comma separated list of up to 4 values is allowed, 1-8 characters each, a combination of alphanumeric (A-Z and 0-9) and national (@,#,$), the first character must be an alphabetic (A-Z) or a national (@, #, $), e.g. AA31,AA32).

Options

- `--batchreports` *(string)*

    - Specifies the setting for the Batch report option upon monitor completion.

        Default value: no
        Allowed values: yes, no

- `--description` *(string)*

    - Provide the monitor description (maximum 24 characters).

- `--mondsn` *(string)*

    - Specifies the monitor data set name where CA MAT saves the measurement (e.g. DEMO.MAT.MONITOR). Values: data set name pattern, maximum 46 characters. If not specified, your default CA MAT monitor DSN pattern is applied.

- `--stepname` *(string)*

- Specifies the name of the job step to monitor. Values: maximum 8 characters, alphanumeric (A-Z capitals only and 0-9), national (#, $, @), and wildcards (* or %).

- `--mstep` *(string)*

  - Indicates whether the multi-step monitoring option is enabled.

    Default value: no
    Allowed values: yes, no

- `--procstep` *(string)*

  - Specifies the name of the procedure step. Values: maximum 8 characters, alphanumeric (A-Z capitals only and 0-9), national (#, $, @), and wildcards (* or %).

- `--program` *(string)*

  - Specifies the name of the program to monitor. Values: maximum 8 characters, alphanumeric (A-Z capitals only and 0-9), national (#, $, @), and wildcards (* or %).

- `--elapstime` *(string)*

  - Specifies the required monitor duration followed by s (seconds) or m (minutes) (e.g. 60s). Values: maximum 6 characters total, number must be > 0.

    Default value: 60s

- `--smon` *(string)*

  - Specifies whether to monitor the entire step.

    Default value: no
    Allowed values: yes, no

- `--tasklib` *(string)*

  - Specifies an additional DD name for load modules. Values: maximum 8 characters, alphanumeric (A-Z capitals only and 0-9), national (#, $, @), and wildcards (* or %).

- `--samplecnt` *(string)*

- Specifies the number of observations requested. Values: maximum 6 characters, numbers between 10 and 999999.

  Default value: 6000

- `--succnt` *(string)*

  - Specifies the maximum number of monitors to run per job execution. Values: maximum 4 characters, numbers between 1 and 9999.

    Default value: 1

- `--reccnt` *(string)*

  - Specifies the number of times this job step will be monitored. Values: maximum 4 characters, numbers between 1 and 9999.

    Default value: 1

- `--sampdelay` *(string)*

  - Specifies the delay monitoring time in seconds after the step start. Values: maximum 4 characters, numbers between 0 and 9999.

    Default value: 0

- `--userexit1` *(string)*

  - Specifies the name for the call user written Data Base. Values: maximum 8 characters, alphanumeric (A-Z capitals only and 0-9), national (#, $, @), and wildcards (* or %) (e.g. DBEXIT1).

- `--userexit2` *(string)*

  - Specifies the name 1 for the call user written 4GL exit programs for this monitor . Values: maximum 8 characters, alphanumeric (A-Z capitals only and 0-9), national (#, $, @), and wildcards (* or %) (e.g. UEXIT1).

- `--userexit3` *(string)*

  - Specifies the name 2 for the call user written 4GL exit programs for this monitor . Values: maximum 8 characters, alphanumeric (A-Z capitals only and 0-9), national (#, $, @), and wildcards (* or %) (e.g. UEXIT2).

- `--inctask` *(string)*

- Specifies the task name to define the tasks that you want to sample in a multitasking environment and restrict monitoring to the specific subtask within the address space. Values: a comma separated list of up to 4 values is allowed, maximum 8 characters each, alphanumeric (A-Z capitals only and 0-9), national (#, $, @), and wildcards (* or %) (e.g. INC31,INC32).

- `--exctask` *(string)*

  - Specifies the task name to omit from sampling in a multitasking environment Values: a comma separated list of up to 4 values is allowed, max. 8 characters each, alphanumeric (A-Z capitals only and 0-9), national (#, $, @), and wildcards (* or %) (e.g. EXC31,EXC32).

- `--tran` *(string)*

  - Specifies the CICS transaction code name to monitor .Values: a comma separated list of up to 4 values is allowed, maximum 8 characters each, alphanumeric (A-Z capitals only and 0-9), national (#, $, @), and wildcards (* or +) (e.g. TRAN1,TRAN2).

- `--term` *(string)*

  - Specifies the CICS terminal IDs to monitor. Values: a comma separated list of up to 4 values is allowed, maximum 8 characters each, alphanumeric (A-Z capitals only and 0-9), national (#, $, @), and wildcards (* or +) (e.g. TERM1,TERM2).

- `--userid` *(string)*

  - Specifies the CICS user IDs to monitor. Values: Values: a comma separated list of up to 4 values is allowed, maximum 8 characters each, alphanumeric (A-Z capitals only and 0-9), national (#, $, @), and wildcards (* or +) (e.g. USER1,USER2).

- `--db2expl` *(string)*

  - Indicates whether the Explain SQL option is enabled for DB2 SQL statements.

    Default value: no
    Allowed values: yes, no

- `--db2ctsql` *(string)*

  - Indicates whether the Collect SQL from Catalog option is enabled for DB2 SQL statements.If you specify db2expl=yes, then db2ctsql must be also set to yes.

    Default value: no
    Allowed values: yes, no

- `--db2hvloc` *(string)*

  - Indicates whether the Requestor Location option is enabled for DB2 measurements.

    Default value: no
    Allowed values: yes, no

- `--db2hvcor` *(string)*

  - Indicates whether the Correlation ID option for SQL statements is enabled for DB2 measurements.

    Default value: no
    Allowed values: yes, no

- `--db2hviid` *(string)*

  - Indicates whether the Operator ID option for SQL statements is enabled for DB2 measurements.

    Default value: no
    Allowed values: yes, no

- `--db2hvthd` *(string)*

  - Indicates whether the Thread Address option for SQL statements is enabled for DB2 measurements.

    Default value: no
    Allowed values: yes, no

- `--wasexprt` *(string)*

  - Indicates whether the Expert Mode is enabled for Java measurement.

    Default value: no
    Allowed values: yes, no

- `--urlfilt` *(string)*

  - A filtering string to restrict monitoring to the specific application URL, transaction, or stored procedure for Java measurements. Values: a comma separated list of up to 4 values is allowed, max. 64 characters (e.g. mypage1.html,mypage2.html).

- `--sysfilt` *(string)*

- A filtering string to include the specified system class for Java measurements. If you specify a value for sysfilt, the measurement includes only the classes that match the filtering string pattern. Values: a comma separated list of up to 3 values is allowed, max. 64 characters (e.g. user1.class,user2.class).

- `--schedule` *(string)*

  - Specifies the name of the schedule that you want to apply to the monitor profile (maximum 8 characters).

Profile Options

- `--mat-profile` | `--mat-p` *(string)*

  - The name of a (mat) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Create the PROFILE1 monitor profile to measure job JOB1 that runs on the AA31 system:

  - `zowe mat profile create --profile PROFILE1 --jobname JOB1 --targsys AA31`

- Create the PROFILE1 monitor profile to measure for 90 seconds job JOB1 that runs on the AA31 and AA32 systems:

  - `zowe mat profile create --profile PROFILE1 --jobname JOB1 --targsys AA31,AA32 --elapstime 90s`

[zowe](#) › [mat](#) › [profile](#) › [invoke](#)

Invoke a CA MAT monitor profile to start measurement.

Usage

zowe mat profile invoke [options]

Required Options

- `--profile` *(string)*

  - Specifies the name of the profile in CA MAT that you invoke (e.g. PROFILE1). Values: 1 to 8 characters, a combination of alphanumeric and national characters (A-Z, 0-9, and @), the first character must be an alphabetic or @. The profile name must not contain characters # and $.

- `--jobname` *(string)*

- Specifies the name of the job to be measured (e.g. JOB1). Values: 1 to 8 characters, alphanumeric (A-Z capitals only and 0-9), national (#, $, @), and wildcards (* or %).

- `--targsys` *(string)*

  - Specifies the target system in SYSPLEX. Values: a comma separated list of up to 4 values is allowed, maximum 8 characters each, a combination of alphanumeric (A-Z and 0-9) and national (@,#,$), the first character must be an alphabetic (A-Z) or a national (@, #, $) (e.g. AA31,AA32).

Options

- `--mondsn` *(string)*

  - Specifies the monitor data set name where CA MAT saves the measurement (e.g. DEMO.MAT.MONITOR). Values: data set name pattern, maximum 46 characters. If not specified, your default CA MAT monitor DSN pattern is applied.

- `--moiuuid` *(string)*

  - Specifies the MOI UUID. Values: maximum 61 characters, alphanumeric (A-Z and 0-9). If you use this parameter for command execution, the value cannot be blank.

- `--moitimestamp` *(string)*

  - Specifies the MOI timestamp. Values: maximum 12 characters, numbers only (0-9). If you use this parameter for command execution, the value cannot be blank.

- `--listing` *(boolean)*

  - Activates automated registration of Cobol, C/C++, and Assembler program listings through CA Endevor® footprints. After completion of the measurement that you invoke with the --listing parameter, the CA MAT Analyze plug-in for Zowe CLI automatically retrieves the program listing that is associated with the monitored job and registers the listing with CA MAT. A registered program listing enhances the analysis possibilities of the 'codeview histogram' command the 'codeview histogram' command and enables you to inspect the source code statements that are associated with specific modules and CSECTs.

Profile Options

- `--mat-profile` | `--mat-p` *(string)*

  - The name of a (mat) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Invoke the PROFILE1 monitor profile to measure job JOB1 that runs on the AA31 system:

- `zowe mat profile invoke --profile PROFILE1 --jobname JOB1 --targsys AA31`

- Invoke the PROFILE1 monitor profile to measure job JOB1 that runs on the AA31 system and save the measurement result in the DEMO.MAT.MONITOR.PROFILE1 data set:

  - `zowe mat profile invoke --profile PROFILE1 --jobname JOB1 --targsys AA31 --mondsn DEMO.MAT.MONITOR.PROFILE1`

- Invoke the PROFILE1 monitor profile to measure job JOB1 that runs on the AA31 system and register the program listing:

  - `zowe mat profile invoke --profile PROFILE1 --jobname JOB1 --targsys AA31 --listing`

zowe › mat › profile › list

Get the list of available monitor profiles.

Usage

zowe mat profile list [options]

Profile Options

- `--mat-profile` | `--mat-p` *(string)*

  - The name of a (mat) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

- Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › mat-pma-util

The CA MAT Detect plug-in for Zowe CLI enables you to detect performance issues and access performance data supplied by the Performance Management Assistant component (PMA) of CA Mainframe Application Tuner.

zowe › mat-pma-util › get

Get performance information using PMA utilities. You can get the current performance data of your jobs and check for the daily performance alerts.

zowe › mat-pma-util › get › alert

Check for alerts created in PMA and detect whether any of your jobs exceeds the average daily performance. If the threshold is exceeded, a PMA alert is triggered. We recommend that you include this command in your end-of-day build to trace all jobs that might cause performance degradation by code changes during the day.

Usage

zowe mat-pma-util get alert [options]

PMA Connection Options

- `--job_acct` | `--ja` *(string)*

  - Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)

- `--job_class` | `--jc` *(string)*

  - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)

- `--job_mclass` | `--jmc` *(string)*

  - Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)

    Default value: A

- `--job_load` | `--jl` *(string)*

- Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD)

- `--job_pmahlq` | `--jph` *(string)*

  - Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--pma-profile` | `--pma-p` *(string)*

  - The name of a (pma) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

- - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Check whether any of your jobs exceeds the average daily performance using the default profile:

  - `zowe mat-pma-util get alert`

- Check whether any of your jobs exceeds the average daily performance using specific PMA profile details:

  - `zowe mat-pma-util get alert --ja 123456789 --jc A --jmc A --jl HLQ.CEETLOAD --jph PMAHLQ`

zowe › mat-pma-util › get › alert-by-job

Check whether the specified job exceeds the average daily performance. No record returned indicates that no performance degradation was detected for this job.

Usage

zowe mat-pma-util get alert-by-job <jobname> [options]

Positional Arguments

- `jobname` *(string)*

  - Specifies the name of the job that is being tested (e.g. TESTPMA8).

PMA Connection Options

- `--job_acct` | `--ja` *(string)*

- Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)

- `--job_class` | `--jc` *(string)*

  - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)

- `--job_mclass` | `--jmc` *(string)*

  - Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)

    Default value: A

- `--job_load` | `--jl` *(string)*

  - Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD)

- `--job_pmahlq` | `--jph` *(string)*

  - Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--pma-profile` | `--pma-p` *(string)*

  - The name of a (pma) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

- Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Check whether your job TESTPMA8 exceeds the average daily performance using the default profile:

  - `zowe mat-pma-util get alert-by-job TESTPMA8`

- Check whether your job TESTPMA8 exceeds the average daily performance using specific PMA profile details:

  - `zowe mat-pma-util get alert-by-job TESTPMA8 --ja 123456789 --jc A --jmc A --jl HLQ.CEETLOAD --jph PMAHLQ`

zowe › mat-pma-util › get › perf

Get the current performance data of a specific job using PMA. If the current measurement results for any of the measured parameters are higher than average values, an alert message is displayed.

Usage

zowe mat-pma-util get perf <jobname> [options]

Positional Arguments

- `jobname` *(string)*

  - Specifies the name of the job that is being tested (e.g. TESTPMA8).

PMA Connection Options

- `--job_acct` | `--ja` *(string)*

  - Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)

- `--job_class` | `--jc` *(string)*

  - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)

- `--job_mclass` | `--jmc` *(string)*

  - Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)

    Default value: A

- `--job_load` | `--jl` *(string)*

  - Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD)

- `--job_pmahlq` | `--jph` *(string)*

  - Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

- The name of a (zosmf) profile to load for this command execution.

- `--pma-profile` | `--pma-p` *(string)*

  - The name of a (pma) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

- The file path to a certificate key file to use for authentication

Examples

- Get the current performance data of the TESTPMA8 job using the default profile:

  - `zowe mat-pma-util get perf TESTPMA8`

- Get the current performance data of the TESTPMA8 job using specific PMA profile details:

  - `zowe mat-pma-util get perf TESTPMA8 --ja 123456789 --jc A --jmc A --jl HLQ.CEETLOAD --jph PMAHLQ`

zowe › mat-pma-util › scope

Get and define the PMA scope information. You can create and update the list of jobs that you want to include, or the list of programs to be excluded from the PMA scope of work.

zowe › mat-pma-util › scope › del-job

Delete a job from the list of inclusions in the PMA scope.

Usage

zowe mat-pma-util scope del-job <jobname> [options]

Positional Arguments

- `jobname` *(string)*

  - Specifies the name of the job that you want to delete from the list of inclusions in the PMA scope (e.g. TESTPMA8).

Options

- `--stepname` | `--st` *(string)*

  - Specifies the name of the job step that you want to delete from the list of inclusions in the PMA scope.

- `--procstep` | `--ps` *(string)*

  - Specifies the procname of the job that you want to delete from the list of inclusions in the PMA scope.

PMA Connection Options

- `--job_acct` | `--ja` *(string)*

  - Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)

- `--job_class` | `--jc` *(string)*

  - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)

- `--job_mclass` | `--jmc` *(string)*

  - Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)

    Default value: A

- `--job_load` | `--jl` *(string)*

  - Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD)

- `--job_pmahlq` | `--jph` *(string)*

  - Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--pma-profile` | `--pma-p` *(string)*

  - The name of a (pma) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

- - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Delete the TESTPMA8 job from the list of inclusions in the PMA scope:

  - `zowe mat-pma-util scope del-job TESTPMA8`

- Delete the specific procname and step name of the TESTPMA8 job from the list of inclusions in the PMA scope:

  - `zowe mat-pma-util scope del-job TESTPMA8 --ps TESTCALL --st TESTDO`

- Delete the specific procname and step name of the TESTPMA8 job from the list of inclusions in the PMA scope using specific PMA profile details:

  - ```
    zowe mat-pma-util scope del-job TESTPMA8 --ps TESTCALL --st TESTDO --ja
    123456789 --jc A --jmc A --jl HLQ.CEETLOAD --jph PMAHLQ
    ```

zowe › mat-pma-util › scope › del-pgm

Delete a program from the list of exclusions from the PMA scope.

Usage

zowe mat-pma-util scope del-pgm <pgmname> [options]

Positional Arguments

- `pgmname` *(string)*

  - Specifies the name of the program that you want to delete from the list of exclusions from the PMA scope (e.g. TESTPMA8).

PMA Connection Options

- `--job_acct` | `--ja` *(string)*

  - Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)

- `--job_class` | `--jc` *(string)*

  - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)

- `--job_mclass` | `--jmc` *(string)*

  - Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)

    Default value: A

- `--job_load` | `--jl` *(string)*

  - Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD).

- `--job_pmahlq` | `--jph` *(string)*

- Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--pma-profile` | `--pma-p` *(string)*

  - The name of a (pma) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

- The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Delete the TESTPMA8 program from the exclusions list from the PMA scope:

    - `zowe mat-pma-util scope del-pgm TESTPMA8`

- Delete the TESTPMA8 program from the exclusions list from the PMA scope using specific PMA profile details:

    - `zowe mat-pma-util scope del-pgm TESTPMA8 --ja 123456789 --jc A --jmc A --jl HLQ.CEETLOAD --jph PMAHLQ`

zowe › mat-pma-util › scope › exl-pgm

Exclude a program from the PMA scope of work.

Usage

zowe mat-pma-util scope exl-pgm <pgmname> [options]

Positional Arguments

- `pgmname` *(string)*

    - Specifies the name of the program that you want to add to the list of exclusions from the PMA scope (e.g. TESTPMA8).

Options

- `--description` | `--dc` *(string)*

    - Specifies the description of the program that you want to exclude from the PMA scope.

PMA Connection Options

- `--job_acct` | `--ja` *(string)*

- Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)

- `--job_class` | `--jc` *(string)*

  - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)

- `--job_mclass` | `--jmc` *(string)*

  - Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)

    Default value: A

- `--job_load` | `--jl` *(string)*

  - Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD)

- `--job_pmahlq` | `--jph` *(string)*

  - Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--pma-profile` | `--pma-p` *(string)*

  - The name of a (pma) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

- Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Exclude the TESTPMA8 program from the PMA scope:

  - `zowe mat-pma-util scope exl-pgm TESTPMA8`

- Exclude the TESTPMA8 program from the PMA scope and add a description to the excluded program:

  - `zowe mat-pma-util scope exl-pgm TESTPMA8 --dc "EXCLUDE FROM THE CURRENT SCOPE"`

- Exclude the TESTPMA8 program from the PMA scope and add a description to the excluded program using specific PMA profile details:

```
zowe mat-pma-util scope exl-pgm TESTPMA8 --dc "EXCLUDE FROM THE CURRENT
SCOPE" --ja 123456789 --jc A --jmc A --jl HLQ.CEETLOAD --jph PMAHLQ
```

zowe › mat-pma-util › scope › get-listj

Get the list of jobs included in the PMA scope.

Usage

zowe mat-pma-util scope get-listj [options]

PMA Connection Options

- `--job_acct` | `--ja` *(string)*

    - Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)

- `--job_class` | `--jc` *(string)*

    - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)

- `--job_mclass` | `--jmc` *(string)*

    - Specifies the MSGCLASS parameter value and assigns the job log to the specified
      output class. The specified MSGCLASS value is used in all JCLs that PMA runs while
      you execute the commands. If you do not provide the job_mclass parameter, the default
      MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)

      Default value: A

- `--job_load` | `--jl` *(string)*

    - Specifies the PMA loadlib data set name that you defined during the PMA customization
      (&HLQ.CEETLOAD)

- `--job_pmahlq` | `--jph` *(string)*

    - Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM
      files to collect the necessary data

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

    - The name of a (zosmf) profile to load for this command execution.

- `--pma-profile` | `--pma-p` *(string)*

  - The name of a (pma) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Get the list of jobs included in the PMA scope:

    - `zowe mat-pma-util scope get-listj`

- Get the list of jobs included in the PMA scope using specific PMA profile details:

    - `zowe mat-pma-util scope get-listj --ja 123456789 --jc A --jmc A --jl HLQ.CEETLOAD --jph PMAHLQ`

zowe › mat-pma-util › scope › get-listp

Get the list of programs excluded from the PMA scope.

Usage

zowe mat-pma-util scope get-listp [options]

PMA Connection Options

- `--job_acct` | `--ja` *(string)*

    - Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)

- `--job_class` | `--jc` *(string)*

    - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)

- `--job_mclass` | `--jmc` *(string)*

    - Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)

        Default value: A

- `--job_load` | `--jl` *(string)*

    - Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD)

- `--job_pmahlq` | `--jph` *(string)*

    - Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

    - The name of a (zosmf) profile to load for this command execution.

- `--pma-profile` | `--pma-p` *(string)*

    - The name of a (pma) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

- The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Get the list of programs excluded from the PMA scope:

  - `zowe mat-pma-util scope get-listp`

- Get the list of programs excluded from the PMA scope using specific PMA profile details:

  - `zowe mat-pma-util scope get-listp --ja 123456789 --jc A --jmc A --jl HLQ.CEETLOAD --jph PMAHLQ`

zowe › mat-pma-util › scope › inc-job

Include a job in the PMA scope of work.

Usage

zowe mat-pma-util scope inc-job <jobname> [options]

Positional Arguments

- `jobname` *(string)*

  - Specifies the name of the job that you want to add to the list of inclusions in the PMA scope (e.g. TESTPMA8).

Options

- `--stepname` | `--st` *(string)*

  - Specifies the name of the job step that you want to include in the PMA scope.

- `--procstep` | `--ps` *(string)*

  - Specifies the procname of the job that you want to include in the PMA scope.

- `--description` | `--dc` *(string)*

  - Specifies the description of the job that you want to include in the PMA scope.

PMA Connection Options

- `--job_acct` | `--ja` *(string)*

  - Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)

- `--job_class` | `--jc` *(string)*

  - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)

- `--job_mclass` | `--jmc` *(string)*

  - Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)

    Default value: A

- `--job_load` | `--jl` *(string)*

  - Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD)

- `--job_pmahlq` | `--jph` *(string)*

  - Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--pma-profile` | `--pma-p` *(string)*

  - The name of a (pma) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Include the TESTPMA8 job in the PMA scope:

  - `zowe mat-pma-util scope inc-job TESTPMA8`

- Include the specific procname and step name of the TESTPMA8 job in the PMA scope and add a description to the included job:

  - `zowe mat-pma-util scope inc-job TESTPMA8 --ps TESTCALL --st TESTDO --dc "INCLUDE IN THE CURRENT SCOPE"`

- Include the specific procname and step name of the TESTPMA8 job in the PMA scope and add a description to the included job using specific PMA profile details:

  - ```
    zowe mat-pma-util scope inc-job TESTPMA8 --ps TESTCALL --st TESTDO --dc
    "INCLUDE IN THE CURRENT SCOPE" --ja 123456789 --jc A --jmc A --jl
    HLQ.CEETLOAD --jph PMAHLQ
    ```

zowe › mq

Interact with IBM MQ for z/OS.

zowe › mq › run

MQ Utilities

zowe › mq › run › mqsc

MQ Utilities

Usage

zowe mq run mqsc <qmgr> <cmd> [options]

Positional Arguments

- `qmgr` *(string)*

  - The queue manager to apply the command to

- `cmd` *(string)*

  - The MQSC command

MQ Connection Options

- `--host` | `-H` *(string)*

  - The host name used to access the IBM MQ REST API. This might be the host name of the IBM MQ mqweb server, or the Zowe API Mediation Layer..

- `--port` | `-P` *(number)*

  - The port number used to access the IBM MQ REST API. This might be the port number of the IBM MQ mqweb server, or the Zowe API Mediation Layer.

- `--user` | `-u` *(string)*

  - The mainframe (MQ) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

- The mainframe (MQ) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: false

- `--protocol` | `-o` *(string)*

  - Specifies the MQ protocol (http or https).

    Default value: http
    Allowed values: http, https

Profile Options

- `--mq-profile` | `--mq-p` *(string)*

  - The name of a (mq) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- The following sequence shows how to query a server-connection channel that is called NEWSVRCONN on an MQ queue manager - our example queue manager is called MQ99:

  - ```
    zowe mq run mqsc MQ99 "DISPLAY CHANNEL(NEWSVRCONN)"
    ```

zowe › ops

Interact with OPS/MVS® for automation administration and resource management.

zowe › ops › disable

Disable OPS/MVS rules.

zowe › ops › disable › rule

Disable the specified rule.

Usage

zowe ops disable rule <ruleset> <rule> [options]

Positional Arguments

- `ruleset` *(string)*

    - The rule set containing the rule.

- `rule` *(string)*

    - The name of the rule.

OPS WEB SERVICES CONNECTION OPTIONS

- `--user` *(string)*

    - Your z/OS user name used to authenticate to OPS Web Services

- `--password` | `--pass` *(string)*

    - Your z/OS password used to authenticate to OPS Web Services

- `--host` *(string)*

    - The hostname of the server where OPS Web Services is running.

- `--port` | `-p` *(number)*

    - The port number for OPS Web Services.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - If set to true, the server certificate is verified against the list of supplied CAs. If set to false, certificate verification is not performed.

    Default value: true

- `--protocol` | `--prot` *(string)*

  - The protocol used for connecting to OPS Web Services

    Default value: https
    Allowed values: http, https

- `--subsystem` | `--subs` *(string)*

  - Specifies the subsystem id of the OPS/MVS instance to which commands will be directed.

Profile Options

- `--ops-profile` | `--ops-p` *(string)*

  - The name of a (ops) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Disable MYRULE on ruleset OPSRULES on subsystem OPSS.:

    - `zowe ops disable rule OPSRULES MYRULE --subsystem OPSS`

zowe › ops › enable

Enables OPS/MVS rules.This will cause SSM to take the necessary action to enable that rule.

zowe › ops › enable › rule

Enable the specified rule.

Usage

zowe ops enable rule <ruleset> <rule> [options]

Positional Arguments

- `ruleset` *(string)*

    - The rule set containing the rule.

- `rule` *(string)*

    - The name of the rule.

OPS WEB SERVICES CONNECTION OPTIONS

- `--user` *(string)*

    - Your z/OS user name used to authenticate to OPS Web Services

- `--password` | `--pass` *(string)*

    - Your z/OS password used to authenticate to OPS Web Services

- `--host` *(string)*

    - The hostname of the server where OPS Web Services is running.

- `--port` | `-p` *(number)*

    - The port number for OPS Web Services.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - If set to true, the server certificate is verified against the list of supplied CAs. If set to false, certificate verification is not performed.

    Default value: true

- `--protocol` | `--prot` *(string)*

  - The protocol used for connecting to OPS Web Services

    Default value: https
    Allowed values: http, https

- `--subsystem` | `--subs` *(string)*

  - Specifies the subsystem id of the OPS/MVS instance to which commands will be directed.

Profile Options

- `--ops-profile` | `--ops-p` *(string)*

  - The name of a (ops) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Enable MYRULE on ruleset OPSRULES on subsystem OPSS.:

  - ```
    zowe ops enable rule OPSRULES MYRULE --subsystem OPSS
    ```

zowe › ops › show

Display data associated with OPS/MVS automation elements (for example, rules or SSM resources).

zowe › ops › show › resource

Display data associated with the specified SSM resource. Currently, only resource state is displayed.

Usage

zowe ops show resource <resourcename> [options]

Positional Arguments

- `resourcename` *(string)*

  - The name of the resource.

Options

- `--tablename` | `--table` *(string)*

  - The name of the table that contains the resource. If not specified, the command will search the SSM tables to find the resource. If the resource exists in multiple tables, the desired state of the resource will be set to the appropriate DOWN state in all the tables where the resource exists.

OPS WEB SERVICES CONNECTION OPTIONS

- `--user` *(string)*

  - Your z/OS user name used to authenticate to OPS Web Services

- `--password` | `--pass` *(string)*

  - Your z/OS password used to authenticate to OPS Web Services

- `--host` *(string)*

  - The hostname of the server where OPS Web Services is running.

- `--port` | `-p` *(number)*

  - The port number for OPS Web Services.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - If set to true, the server certificate is verified against the list of supplied CAs. If set to false, certificate verification is not performed.

    Default value: true

- `--protocol` | `--prot` *(string)*

  - The protocol used for connecting to OPS Web Services

    Default value: https
    Allowed values: http, https

- `--subsystem` | `--subs` *(string)*

  - Specifies the subsystem id of the OPS/MVS instance to which commands will be directed.

Profile Options

- `--ops-profile` | `--ops-p` *(string)*

  - The name of a (ops) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Show current and desired state of RESOURCE1 on table MYTABLE on subsystem OPSS.:

  - ```
    zowe ops show resource RESOURCE1 --tablename MYTABLE --subsystem OPSS
    ```

zowe › ops › show › rule

Display data associated with the specified rule. Currently, only rule status is displayed.

Usage

zowe ops show rule <ruleset> <rule> [options]

Positional Arguments

- `ruleset` *(string)*

  - The rule set containing the rule.

- `rule` *(string)*

  - The name of the rule.

OPS WEB SERVICES CONNECTION OPTIONS

- `--user` *(string)*

  - Your z/OS user name used to authenticate to OPS Web Services

- `--password` | `--pass` *(string)*

  - Your z/OS password used to authenticate to OPS Web Services

- `--host` *(string)*

  - The hostname of the server where OPS Web Services is running.

- `--port` | `-p` *(number)*

- The port number for OPS Web Services.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - If set to true, the server certificate is verified against the list of supplied CAs. If set to false, certificate verification is not performed.

        Default value: true

- `--protocol` | `--prot` *(string)*

    - The protocol used for connecting to OPS Web Services

        Default value: https
        Allowed values: http, https

- `--subsystem` | `--subs` *(string)*

    - Specifies the subsystem id of the OPS/MVS instance to which commands will be directed.

Profile Options

- `--ops-profile` | `--ops-p` *(string)*

    - The name of a (ops) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

- The file path to a certificate key file to use for authentication

Examples

- Show the status of MYRULE on ruleset OPSRULES on subsystem OPSS:

  - ```
    zowe ops show rule OPSRULES MYRULE --subsystem OPSS
    ```

zowe › ops › start

Start OPS/MVS resources.

zowe › ops › start › resource

Start the specified resource. The desired state of the resource willbe set to the appropriate UP state and SSM will take actions to start the resource.

Usage

zowe ops start resource <resourcename> [options]

Positional Arguments

- `resourcename` *(string)*

  - The name of the resource.

Options

- `--tablename` | `--table` *(string)*

  - The name of the table that contains the resource. If not specified, the command will search the SSM tables to find the resource. If the resource exists in multiple tables, the desired state of the resource will be set to the appropriate DOWN state in all the tables where the resource exists.

- `--wait` | `-w` *(number)*

  - Wait for the specified number of seconds for the current state of the SSM resource to match the new desired state. If more than the specified number of seconds elapses and the current and desired state still do not match, the command will fail with a timeout error.

OPS WEB SERVICES CONNECTION OPTIONS

- `--user` *(string)*

- Your z/OS user name used to authenticate to OPS Web Services

- `--password` | `--pass` *(string)*

  - Your z/OS password used to authenticate to OPS Web Services

- `--host` *(string)*

  - The hostname of the server where OPS Web Services is running.

- `--port` | `-p` *(number)*

  - The port number for OPS Web Services.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - If set to true, the server certificate is verified against the list of supplied CAs. If set to false, certificate verification is not performed.

    Default value: true

- `--protocol` | `--prot` *(string)*

  - The protocol used for connecting to OPS Web Services

    Default value: https
    Allowed values: http, https

- `--subsystem` | `--subs` *(string)*

  - Specifies the subsystem id of the OPS/MVS instance to which commands will be directed.

Profile Options

- `--ops-profile` | `--ops-p` *(string)*

  - The name of a (ops) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.
- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.
- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication
- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Start RESOURCE1 on table MYTABLE on subsystem OPSS.:

  - `zowe ops start resource RESOURCE1 --tablename MYTABLE --subsystem OPSS`
- Start RESOURCE1 on table MYTABLE on subsystem OPSS and wait for up to 2 minutes for RESOURCE1 to have a current state of UP.:

  - `zowe ops start resource RESOURCE1 --tablename MYTABLE --subsystem OPSS -w 120`

zowe › ops › stop

Stop OPS/MVS resources.

zowe › ops › stop › resource

Stop the specified resource. The desired state of the resource willbe set to the appropriate DOWN state and SSM will take actions to start the resource.

Usage

zowe ops stop resource <resourcename> [options]

Positional Arguments

- `resourcename` *(string)*

  - The name of the resource.

Options

- `--tablename` | `--table` *(string)*

  - The name of the table that contains the resource. If not specified, the command will search the SSM tables to find the resource. If the resource exists in multiple tables, the desired state of the resource will be set to the appropriate DOWN state in all the tables where the resource exists.

- `--wait` | `-w` *(number)*

  - Wait for the specified number of seconds for the current state of the SSM resource to match the new desired state. If more than the specified number of seconds elapses and the current and desired state still do not match, the command will fail with a timeout error.

OPS WEB SERVICES CONNECTION OPTIONS

- `--user` *(string)*

  - Your z/OS user name used to authenticate to OPS Web Services

- `--password` | `--pass` *(string)*

  - Your z/OS password used to authenticate to OPS Web Services

- `--host` *(string)*

  - The hostname of the server where OPS Web Services is running.

- `--port` | `-p` *(number)*

  - The port number for OPS Web Services.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - If set to true, the server certificate is verified against the list of supplied CAs. If set to false, certificate verification is not performed.

    Default value: true

- `--protocol` | `--prot` *(string)*

  - The protocol used for connecting to OPS Web Services

    Default value: https
    Allowed values: http, https

- `--subsystem` | `--subs` *(string)*

    - Specifies the subsystem id of the OPS/MVS instance to which commands will be directed.

Profile Options

- `--ops-profile` | `--ops-p` *(string)*

    - The name of a (ops) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Stop RESOURCE1 on table MYTABLE on subsystem OPSS.:

    - `zowe ops stop resource RESOURCE1 --tablename MYTABLE --subsystem OPSS`

- Start RESOURCE1 on table MYTABLE on subsystem OPSS and wait for up to 2 minutes for RESOURCE1 to have a current state of DOWN.:

    - `zowe ops stop resource RESOURCE1 --tablename MYTABLE --subsystem OPSS -w 120`

zowe › plugins

Install and manage plug-ins.

zowe › plugins › install

Install plug-ins to an application.

Usage

zowe plugins install [plugin...] [options]

Positional Arguments

- `plugin...` *(string)*

  - A space-separated list of plug-ins to install. A plug-in can be any format that is accepted by the `npm install` command (local directory, TAR file, git URL, public package, private package, etc...).

    To use a relative local directory, at least one '/' or '\' must exist in the plug-in path. For example, you have a local plug-in in a folder called 'test-plugin' that you want to install. Specify the relative local directory by issuing the following command:

    zowe plugins install ./test-plugin

    If you omit the './', then the install command looks for 'test-plugin' in an npm registry.

    If the plugin argument is omitted, the plugins.json file will determine which plug-ins are installed. For more information on the plugins.json file, see the --file option.

Options

- `--file` *(local file path)*

  - Specifies the location of a plugins.json file that contains the plug-ins you want to install.

    All plug-ins specified in plugins.json will be installed to the base CLI and the contents will be placed into /home/<user>/.zowe/plugins/plugins.json.

    If you do not specify a plugins.json file and do not specify a plug-in, the default plugin.json file (/home/<user>/.zowe/plugins/plugins.json) will be used. This provides a way to install plug-ins that were lost or corrupted after reinstalling or updating Zowe CLI.

- `--registry` *(string)*

    - The npm registry that is used when installing remote packages. When this value is omitted, the value returned by \`npm config get registry\` is used.

        For more information about npm registries, see: https://docs.npmjs.com/misc/registry

- `--login` *(boolean)*

    - The flag to add a registry user account to install from secure registry. It saves credentials to the .npmrc file using \`npm adduser\`. When this value is omitted, credentials from .npmrc file is used. If you used this flag once for specific registry, you don't have to use it again, it uses credentials from .npmrc file.

        For more information about npm registries, see: https://docs.npmjs.com/cli/adduser

Examples

- Install plug-ins saved in /home/<user>/.zowe/plugins/plugins.json:

    - `zowe plugins install`

- Install plug-ins saved in a properly formatted config file:

    - `zowe plugins install --file /some/file/path/file_name.json`

- Install a remote plug-in:

    - `zowe plugins install my-plugin`

- Install a remote plug-in using semver:

    - `zowe plugins install my-plugin@"^1.2.3"`

- Install a remote plug-in from the specified registry:

    - `zowe plugins install my-plugin --registry https://registry.npmjs.org/`

- Install a local folder, local TAR file, and a git URL:

    - `zowe plugins install ./local-file /root/tar/some-tar.tgz git://github.com/project/repository.git#v1.0.0`

- Install a remote plug-in from the registry which requires authorization(don't need to use this flag if you have already logged in before):

- ○ `zowe plugins install my-plugin --registry https://registry.npmjs.org/ --login`

zowe › plugins › list

List all plug-ins installed.

Usage

zowe plugins list [options]

Options

- `--short` | `-s` *(boolean)*

  - ○ Show output in abbreviated format

zowe › plugins › uninstall

Uninstall plug-ins.

Usage

zowe plugins uninstall [plugin...] [options]

Positional Arguments

- `plugin...` *(string)*

  - ○ The name of the plug-in to uninstall.

    If the plug-in argument is omitted, no action is taken.

Examples

- Uninstall a plug-in:

  - ○ `zowe plugins uninstall my-plugin`

zowe › plugins › update

Update plug-ins.

Usage

zowe plugins update [plugin...] [options]

Positional Arguments

- `plugin...` *(string)*

  - The name of the plug-in to update.

    If the plug-in argument is omitted, no action is taken.

Options

- `--registry` *(string)*

  - The npm registry that is used when installing remote packages. When this value is omitted, the value returned by `npm config get registry` is used.

    For more information about npm registries, see: https://docs.npmjs.com/misc/registry

- `--login` *(boolean)*

  - The flag to add a registry user account to install from secure registry. It saves credentials to the .npmrc file using `npm adduser`. When this value is omitted, credentials from .npmrc file is used. If you used this flag once for specific registry, you don't have to use it again, it uses credentials from .npmrc file.

    For more information about npm registries, see: https://docs.npmjs.com/cli/adduser

Examples

- Update a plug-in:

  - `zowe plugins update my-plugin`

- Update a remote plug-in from the registry which requires authorization(don't need to use this flag if you have already logged in before):

  - `zowe plugins update my-plugin --registry https://registry.npmjs.org/ --login`

zowe › plugins › validate

Validate a plug-in that has been installed.

Usage

zowe plugins validate [plugin] [options]

Positional Arguments

- `plugin` *(string)*

    - The name of the plug-in to validate.
      Validation issues identified for this plug-in are displayed.

      If the plug-in argument is omitted, all installed plug-ins are validated.

Options

- `--fail-on-error` | `--foe` *(boolean)*

    - Enables throwing an error and setting an error code if plugin validation detects an error

      Default value: false

- `--fail-on-warning` | `--fow` *(boolean)*

    - Treat validation warnings as errors. Requires fail-on-error.

      Default value: false

Examples

- Validate a plug-in named my-plugin:

    - `zowe plugins validate my-plugin`

- Validate all installed plug-ins:

    - `zowe plugins validate`

- Validate a plug-in named my-plugin, and treat warnings as errors:

    - `zowe plugins validate my-plugin --fail-on-warning`

zowe › profiles

Create and manage configuration profiles.

zowe › profiles › create

Create new configuration profiles.

zowe › profiles › create › base-profile

Base profile that stores values shared by multiple service profiles

Usage

zowe profiles create base-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new base profile. You can load this profile by using the name on commands that support the "--base-profile" option.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Options

- `--overwrite` | `--ow` *(boolean)*

  - Overwrite the base profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

  - Disable populating profile values of undefined properties with default values.

Examples

- Create a profile called 'base1' to connect to host example.com and port 443:

  - ```
    zowe profiles create base-profile base1 --host example.com --port 443 --user
    admin --password 123456
    ```

- Create a profile called 'base2' to connect to host example.com (default port - 443) and allow self-signed certificates:

  - ```
    zowe profiles create base-profile base2 --host example.com --user admin --
    password 123456 --reject-unauthorized false
    ```

- Create a profile called 'base3' to connect to host example.com and port 1443, not specifying a username or password so they are not stored on disk; these will need to be specified on every command:

  - ```
    zowe profiles create base-profile base3 --host example.com --port 1443
    ```

- Create a zosmf profile called 'base4' to connect to default port 443 and allow self-signed certificates, not specifying a username, password, or host so they are not stored on disk; these will need to be specified on every command:

  - `zowe profiles create base-profile base4 --reject-unauthorized false`

zowe › profiles › create › ca7-profile

A CA7 profile is required to issue commands in the CA7 command group. The CA7 profile contains your host and port for the CA7 instance of your choice.

Usage

zowe profiles create ca7-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new ca7 profile. You can load this profile by using the name on commands that support the "--ca7-profile" option.

CA7 Connection Options

- `--host` | `-H` *(string)*

  - Host name of the CA7 API service that is running on the mainframe system.

    Default value: localhost

- `--port` | `-P` *(number)*

  - Port for the CA7 API service that is running on the mainframe system.

    Default value: 8080

- `--user` | `-u` *(string)*

  - User name for authenticating connections to the CA7 API service that is running on the mainframe system.

    Default value: MASTER

- `--password` | `--pass` | `--pw` *(string)*

- Password for authenticating connections to the CA7 API service that is running on the mainframe system.

    Default value:

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` | `-o` *(string)*

    - Specifies protocol to use for CA7 connection (http or https).

        Default value: https
        Allowed values: http, https

Options

- `--overwrite` | `--ow` *(boolean)*

    - Overwrite the ca7 profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

    - Disable populating profile values of undefined properties with default values.

zowe › profiles › create › caspool-profile

Configuration profile for CA Spool, where you specify information about your CA Spool instance

Usage

zowe profiles create caspool-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new caspool profile. You can load this profile by using the name on commands that support the "--caspool-profile" option.

CA SPOOL OPTIONS

- `--account` | `-a` *(string)*

- z/OS TSO/E accounting information.

- `--spoolhlq` | `--hlq` *(string)*

    - High level qualifier of CA Spool installation.

- `--subsys` | `--sub` *(string)*

    - CA Spool subsystem name.

        Default value: ESF

- `--outds` | `--out` *(string)*

    - The SYSTSPRT data set allocated by CAI.CBQ4JCL(BQ4JZOWE). It must be unique for each Zowe CLI user interacting with CA Spool.

- `--clist` | `--cl` *(string)*

    - The data set containing ESFZOWE REXX exec.

Options

- `--overwrite` | `--ow` *(boolean)*

    - Overwrite the caspool profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

    - Disable populating profile values of undefined properties with default values.

Examples

- Create a profile for CA Spool named 'myProfile' with TSO account information '1234567890', CA Spool installation high level qualifier of 'CASPOOL.HLQ', subsystem name 'ESF1', output response data set 'OUTPUT.RESPONSE.DS', and data set 'USER.CLIST', containing ESFZOWE REXX exec:

    - ```
      zowe profiles create caspool-profile myProfile --account 1234567890 --spoolhlq CASPOOL.HLQ --subsys ESF1 --outds OUTPUT.RESPONSE.DS --clist USER.CLIST
      ```

zowe › profiles › create › caview-profile

Configuration profile for CA View

Usage

zowe profiles create caview-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new caview profile. You can load this profile by using the name on commands that support the "--caview-profile" option.

Options

- `--protocol` *(string)*

  - Protocol of the target CA View REST API instance.

    Default value: https
    Allowed values: http, https

- `--port` *(number)*

  - Port of the target CA View REST API instance.

    Default value: 443

- `--base-path` *(string)*

  - Context name of the target CA View REST API instance.

    Default value: web-viewer

- `--overwrite` | `--ow` *(boolean)*

  - Overwrite the caview profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

  - Disable populating profile values of undefined properties with default values.

Required Options

- `--hostname` *(string)*

  - Hostname or ip address of the target CA View REST API instance.

- `--username` *(string)*

- User name used to authenticate against the target CA View REST API instance.

- `--password` *(string)*

  - Password used to authenticate against the target CA View REST API instance.

Examples

- Create a profile for CA View® Plug-in for Zowe CLI named 'myProfile' to connect to 'mf.company.org' over HTTP on port 80 using the 'johndoe' account.:

  - `zowe profiles create caview-profile myProfile --hostname mf.company.org --protocol http --port 80 --username johndoe --password secret`

zowe › profiles › create › cics-deploy-profile

Specifies the target environment for the cics-deploy deploy and undeploy actions.

Usage

zowe profiles create cics-deploy-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new cics-deploy profile. You can load this profile by using the name on commands that support the "--cics-deploy-profile" option.

Required Options

- `--cicsplex` | `--cp` *(string)*

  - Specifies the CICSplex (up to 8 characters) to target.

- `--scope` | `--sc` *(string)*

  - Specifies the name of the CICS System, or CICS System Group (up to 8 characters) to target.

- `--cics-hlq` | `--cq` | `--cicshlq` *(string)*

  - Specifies the High Level Qualifier (up to 35 characters) at which the CICS datasets can be found in the target environment.

- `--cpsm-hlq` | `--cph` | `--cpsmhlq` *(string)*

- Specifies the High Level Qualifier (up to 35 characters) at which the CPSM datasets can be found in the target environment.

- `--job-card` | `--jc` | `--jobcard` *(string)*

  - Specifies the job card to use with any generated DFHDPLOY JCL.

    Default value: //DFHDPLOY JOB DFHDPLOY,CLASS=A,MSGCLASS=X,TIME=NOLIMIT

Options

- `--csd-group` | `--cg` | `--csdgroup` *(string)*

  - Specifies the CSD group (up to 8 characters) for the bundle resource. If a bundle is deployed then a definition is added to this group; if a bundle is undeployed then the definition is removed from this group. The CSD group is changed for each CICS system that is specified by the --scope option. The --csd-group and --res-group options are mutually exclusive.

- `--res-group` | `--rg` | `--resgroup` *(string)*

  - Specifies the BAS resource group (up to 8 characters) for the bundle resource. If a bundle is deployed then a resource is defined in the BAS data repository; if a bundle is undeployed then the definition is removed. The --csd-group and --res-group options are mutually exclusive.

- `--target-directory` | `--td` | `--targetdir` | `--target-dir` *(string)*

  - Specifies the target zFS location to which CICS bundles should be uploaded (up to 255 characters).

- `--overwrite` | `--ow` *(boolean)*

  - Overwrite the cics-deploy profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

  - Disable populating profile values of undefined properties with default values.

Examples

- Create a cics-deploy profile called 'example1' to connect to a CPSM managed group of CICS regions within the TESTGRP1 scope of a cicsplex named PLEX1:

  - `zowe profiles create cics-deploy-profile example1 --cicsplex PLEX1 --scope TESTGRP1 --cics-hlq CICSTS55.CICS720 --cpsm-hlq CICSTS55.CPSM550`

- Create a cics-deploy profile called 'example2' to connect to the same CPSM managed group of regions, and identify a BAS resource group BUNDGRP1 in which to store resource definitions:

  - ```
    zowe profiles create cics-deploy-profile example2 --cicsplex PLEX1 --scope
    TESTGRP1 --cics-hlq CICSTS55.CICS720 --cpsm-hlq CICSTS55.CPSM550 --res-group
    BUNDGRP1
    ```

- Create a cics-deploy profile called 'example3' to connect to the same CPSM managed group of regions, and identify the default USS directory to which bundles should be uploaded:

  - ```
    zowe profiles create cics-deploy-profile example3 --cicsplex PLEX1 --scope
    TESTGRP1 --cics-hlq CICSTS55.CICS720 --cpsm-hlq CICSTS55.CPSM550 --target-
    directory /var/cicsts/bundles
    ```

zowe › profiles › create › cics-profile

A cics profile is required to issue commands in the cics command group that interact with CICS regions. The cics profile contains your host, port, user name, and password for the IBM CICS management client interface (CMCI) server of your choice.

Usage

zowe profiles create cics-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new cics profile. You can load this profile by using the name on commands that support the "--cics-profile" option.

Required Options

- `--host` | `-H` *(string)*

  - The CMCI server host name

- `--user` | `-u` *(string)*

  - Your username to connect to CICS

- `--password` | `-p` *(string)*

  - Your password to connect to CICS

Options

- `--port` | `-P` *(number)*

  - The CMCI server port

    Default value: 1490

- `--region-name` *(string)*

  - The name of the CICS region name to interact with

- `--cics-plex` *(string)*

  - The name of the CICSPlex to interact with

- `--overwrite` | `--ow` *(boolean)*

  - Overwrite the cics profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

  - Disable populating profile values of undefined properties with default values.

Cics Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--protocol` | `-o` *(string)*

  - Specifies CMCI protocol (http or https).

    Default value: https
    Allowed values: http, https

Examples

- Create a cics profile named 'cics123' to connect to CICS at host zos123 and port 1490:

  - ```
    zowe profiles create cics-profile cics123 --host zos123 --port 1490 --user
    ibmuser --password myp4ss
    ```

zowe › profiles › create › db2-profile

A profile for interaction with Db2 for the z/OS region

Usage

zowe profiles create db2-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new db2 profile. You can load this profile by using the name on commands that support the "--db2-profile" option.

Options

- `--host` | `-H` *(string)*

    - The Db2 server host name

- `--port` | `-P` *(number)*

    - The Db2 server port number

- `--user` | `-u` *(string)*

    - The Db2 user ID (may be the same as the TSO login)

- `--password` | `--pass` | `--pw` *(string)*

    - The Db2 password (may be the same as the TSO password)

- `--database` | `-d` *(string)*

    - The name of the database

- `--ssl-file` | `-s` *(string)*

    - Path to an SSL Certificate file

- `--overwrite` | `--ow` *(boolean)*

    - Overwrite the db2 profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

    - Disable populating profile values of undefined properties with default values.

zowe › profiles › create › ebg-profile

An EBG profile is required to issue commands in the ebg command group. The EBG profile contains the connection details for the CA Endevor Bridge for Git server of your choice.

Usage

zowe profiles create ebg-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new ebg profile. You can load this profile by using the name on commands that support the "--ebg-profile" option.

CA Endevor Bridge for Git connection options (alternatively use an 'ebg' profile)

- `--protocol` | `--prot` *(string)*

    - The Endevor Bridge for Git SCM protocol.

        Default value: http

        Allowed values: http, https

- `--host` | `-H` *(string)*

    - The Endevor Bridge for Git hostname.

- `--port` | `-P` *(number)*

    - The Endevor Bridge for Git port.

- `--user` | `-u` *(string)*

    - Endevor Bridge for Git username (your git username).

- `--token` | `-t` *(string)*

    - Git personal access token (it can be obtained from your Git Enterprise Server).

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: false

Options

- `--overwrite` | `--ow` *(boolean)*

  - Overwrite the ebg profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

  - Disable populating profile values of undefined properties with default values.

zowe › profiles › create › endevor-location-profile

The CA Endevor SCM element location, where you specify your working environment, system and subsystem

Usage

zowe profiles create endevor-location-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new endevor-location profile. You can load this profile by using the name on commands that support the "--endevor-location-profile" option.

Options

- `--instance` | `-i` *(string)*

  - The STC/datasource of the session

- `--environment` | `--env` *(string)*

  - The CA Endevor SCM environment where your project resides

    Default value: DEV

- `--system` | `--sys` *(string)*

  - The CA Endevor SCM system where the element resides

- `--subsystem` | `--sub` *(string)*

  - The CA Endevor SCM subsystem where your element resides

- `--type` | `--typ` *(string)*

- Name of the CA Endevor SCM element's type

- `--stage-number` | `--sn` *(string)*

  - The CA Endevor SCM stage where your project resides

    Allowed values: 1, 2

- `--comment` | `--com` *(string)*

  - The CA Endevor SCM comment you want to use when performing an action

- `--ccid` | `--cci` *(string)*

  - The CA Endevor SCM CCID you want to use when performing an action

- `--maxrc` *(number)*

  - The return code of CA Endevor SCM that defines a failed action

    Default value: 8

- `--override-signout` | `--os` *(boolean)*

  - Always override element signout, without having to specify the override signout option on each command

    Default value: false

- `--overwrite` | `--ow` *(boolean)*

  - Overwrite the endevor-location profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

  - Disable populating profile values of undefined properties with default values.

Examples

- Create a location profile called 'ndvrLoc' to work at CA Endevor SCM location ENV/1/SYS/SUBSYS, with elements of type COBOL, using CA Endevor SCM web services configuration ENDEVOR:

  - ```
    zowe profiles create endevor-location-profile ndvrLoc --env ENV --sys SYS --sub SUBSYS --typ COBOL --sn 1 -i ENDEVOR
    ```

- Create a location profile called 'ndvrLoc2' to work at CA Endevor SCM location ENV/1/SYS/SUBSYS, using CCID 'CCID' and comment 'sample comment':

  - ```
    zowe profiles create endevor-location-profile ndvrLoc2 --env ENV --sys SYS --sub SUBSYS --sn 1 --com 'sample comment' --cci 'CCID'
    ```

zowe › profiles › create › endevor-profile

The Endevor endevor profile schema, where you specify your endevor session information and credentials

Usage

zowe profiles create endevor-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new endevor profile. You can load this profile by using the name on commands that support the "--endevor-profile" option.

Options

- `--host` | `--hostname` *(string)*

  - The hostname of the endevor session

- `--port` | `-p` *(number)*

  - The port number of the endevor session

- `--user` | `--username` *(string)*

  - The username of the endevor session

- `--password` | `--pass` *(string)*

  - The password of the user

- `--protocol` | `--prot` *(string)*

  - The protocol used for connecting to Endevor Rest API

    Default value: http
    Allowed values: http, https

- `--base-path` | `--bp` *(string)*

    - The base path used for connecting to Endevor Rest API

      Default value: EndevorService/rest

- `--reject-unauthorized` | `--ru` *(boolean)*

    - If set, the server certificate is verified against the list of supplied CAs

- `--overwrite` | `--ow` *(boolean)*

    - Overwrite the endevor profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

    - Disable populating profile values of undefined properties with default values.

Examples

- Create an endevor profile called 'ndvrSample' to connect to Endevor web services at host ndvr123 and port 8080,using http protocol, with /EndevorService/rest base path, allowing self-signed certificates:

    - ```
      zowe profiles create endevor-profile ndvrSample --host ndvr123 --port 8080 -
      -user ibmuser --password myp4ss --prot http --base-path EndevorService/rest -
      -reject-unauthorized false
      ```

zowe › profiles › create › fmp-profile

CA File Master Plus profile schema.

Usage

zowe profiles create fmp-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new fmp profile. You can load this profile by using the name on commands that support the "--fmp-profile" option.

FMP Connection Options

- `--host` | `-H` *(string)*

- Specifies CA File Master Plus server host name.

- `--port` | `-P` *(number)*

    - Specifies CA File Master Plus server port.

- `--user` | `-u` *(string)*

    - Specifies Mainframe user name. May be the same as TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Specifies Mainframe password. May be the same as TSO password.

- `--protocol` | `-o` *(string)*

    - Specifies CA File Master Plus REST API protocol.

        Default value: https
        Allowed values: http, https

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Options

- `--overwrite` | `--ow` *(boolean)*

    - Overwrite the fmp profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

    - Disable populating profile values of undefined properties with default values.

Examples

- Create a fmp profile with http protocol:

- ```
  zowe profiles create fmp-profile fmp123 --host fmphost --port 19853 --user
  mfuser --password m4pass --protocol http
  ```

- Create a fmp profile with https protocol and allow self-signed certificates:

  - ```
    zowe profiles create fmp-profile fmp234 --host fmphost --port 19854 --user
    mfuser --password m4pass --protocol https --reject-unauthorized false
    ```

- Create a fmp profile with API Mediation layer:

  - ```
    zowe profiles create fmp-profile fmpAPIML --host fmpAPIML --port 2020 --user
    mfuser --pass mfp4ss --protocol https --reject-unauthorized false --base-path
    /api/v1/serviceID
    ```

zowe › profiles › create › idms-profile

An IDMS profile is required to issue IDMS CLI commands. The IDMS profile contains your host and port information

Usage

zowe profiles create idms-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new idms profile. You can load this profile by using the name on commands that support the "--idms-profile" option.

IDMS Connection Options

- `--host` | `-H` *(string)*

  - Host name of the IDMS REST API service

- `--port` | `-P` *(number)*

  - Port for the IDMS REST API service

- `--user` | `-u` *(string)*

  - Mainframe user name, which can be the same as your TSO login ID

- `--password` | `--pass` | `--pw` *(string)*

- Mainframe password, which can be the same as your TSO password

- `--datasource` | `-d` *(string)*

  - Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

- `--base-path` | `--bp` *(string)*

  - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

Options

- `--overwrite` | `--ow` *(boolean)*

  - Overwrite the idms profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

  - Disable populating profile values of undefined properties with default values.

Examples

- Create an IDMS profile called 'idms11' to connect to IDMS API services at host zos123 and port 1234, with base path api/v1/caidms and allow self-signed certificates:

  - ```
    zowe profiles create idms-profile idms11 --host zos123 --port 1234 --user
    myuid --password mypass --base-path api/v1/caidms --reject-unauthorized
    false
    ```

- Create an IDMS profile called 'idms99' to connect to IDMS API services at host zos123 and port 1234, specify a default data source SYS195 to be used by JDBC to identify a target system and allow self-signed certificates:

  - ```
    zowe profiles create idms-profile idms99 --host zos123 --port 1234 --user
    myuid --password mypass --datasource SYS195 --reject-unauthorized false
    ```

zowe › profiles › create › ims-profile

An ims profile is used to issue commands in the ims command group that interact with IMS regions. The ims profile contains your IMS Operations API web server host, port, user name and password, IMS Connect host and port and IMS plex name.

Usage

zowe profiles create ims-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new ims profile. You can load this profile by using the name on commands that support the "--ims-profile" option.

IMS Connection Options

- `--host` | `-H` *(string)*

  - The IMS Operations API server host name.

- `--port` | `-P` *(number)*

  - The IMS Operations API server port.

- `--ims-connect-host` | `--ich` *(string)*

  - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.

- `--ims-connect-port` | `--icp` *(number)*

  - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.

- `--plex` | `-x` *(string)*

  - The name of the IMS plex.

- `--user` | `-u` *(string)*

  - The web server user name where the IMS Operations API resides.

- `--password` | `--pass` *(string)*

  - The web server user password where the IMS Operations API resides.

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

Options

- `--overwrite` | `--ow` *(boolean)*

  - Overwrite the ims profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

  - Disable populating profile values of undefined properties with default values.

Examples

- Create a ims profile named 'ims123' to connect to IMS APIs at host zos123 and port 1490. The name of the IMS plex in this example is 'PLEX1' and the IMS region we want to communicate with has a host of zos124 and a port of 1491:

  - ```
    zowe profiles create ims-profile ims123 --host zos123 --port 1490 --user
    ibmuser --pass myp4ss --plex PLEX1 --ich zos124 --icp 1491
    ```

zowe › profiles › create › jclcheck-profile

A JCLCheck profile is required to issue commands in the jcl command group that interact with JCLCheck. The JCLCheck profile contains your host and port for the JCLCheck instance of your choice.

Usage

zowe profiles create jclcheck-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new jclcheck profile. You can load this profile by using the name on commands that support the "--jclcheck-profile" option.

JCLCheck Connection Options

- `--host` | `-H` *(string)*

- Host name of the JCLCheck API service that is running on the mainframe system.

- `--port` | `-P` *(number)*

  - Port for the JCLCheck API service that is running on the mainframe system.

- `--user` | `-u` *(string)*

  - User name for authenticating connections to the JCLCheck API service that is running on the mainframe system.

- `--password` | `--pass` | `--pw` *(string)*

  - Password for authenticating connections to the JCLCheck API service that is running on the mainframe system.

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--protocol` | `-o` *(string)*

  - Specifies protocol to use for JCLCheck connection (http or https).

    Default value: https
    Allowed values: http, https

- `--jclcheck-options` | `--jo` *(string)*

  - The desired set of JCLCheck runtime options. Specify the options exactly as you would on the PARM= or OPTIONS DD on a batch run of JCLCheck. See the JCLCheck runtime options documentation for details on available runtime options. If you specify options that change the format of the JCLCheck reports, you should request '--raw-output'. Changing the format of the report will affect the ability to produce a structured API response.

Options

- `--overwrite` | `--ow` *(boolean)*

- Overwrite the jclcheck profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

  - Disable populating profile values of undefined properties with default values.

Examples

- Create a JCLCheck profile named 'jcl123' to run JCLCheck at host zos123 and port 1234:

  - `zowe profiles create jclcheck-profile jcl123 --host zos123 --port 1234 --user ibmuser --pass myp4ss`

- Create a JCLCheck profile with default set of JCLCheck runtime options specified:

  - `zowe profiles create jclcheck-profile jcl123 --host zos123 --port 1234 --user ibmuser --pass myp4ss --jo "NOAS NOAU NOHCD NOJCL NORES NOSIGN"`

zowe › profiles › create › mat-profile

CA MAT Analyze CLI profile schema.

Usage

zowe profiles create mat-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new mat profile. You can load this profile by using the name on commands that support the "--mat-profile" option.

MAT Profile Options

- `--protocol` | `--prt` *(string)*

  - Specifies the protocol defined for the CA MAT REST API server (http or https).

    Allowed values: http, https

- `--hostname` | `--hn` *(string)*

  - Specifies the hostname or IP address defined for the CA MAT REST API server (e.g. 127.0.0.0 or localhost).

- `--port` | `--pt` *(number)*

    - Specifies the server port (e.g. 8080).

- `--username` | `--user` *(string)*

    - Your mainframe username.

- `--password` | `--pass` *(string)*

    - Your mainframe password.

- `--zowediscoverable` | `--zdis` *(boolean)*

    - Specifies whether you want to use Zowe API Mediation Layer to process the commands for this profile. Set '--zowediscoverable true' only if you have configured the Zowe API Mediation Layer properties in your CA MAT REST API server settings.

      Allowed values: false, true

- `--listingDir` | `--ldir` *(string)*

    - Specifies the directory where you want to store the registered program listings (e.g. 'c:\listings') for your immediate source code inspection. You can use the advantage of automated listing registration with CA MAT and listing retrieval through CA Endevor® footprints for Cobol, C/C++, and Assembler programs. When a source program listing is registered with CA MAT, you can enhance the histogram analysis data with the program listing details that pertain to the specific CSECT and program statement. The listing is transfered to the specified directory, which enables you to navigate directly to the line of the source code in you VS Code IDE and inspect the program statement. To use the listing retrieval option through CA Endevor® footprints, you need to have the CA Endevor® Web Services installed and configured and specify the CA Endevor® web server details in the CA MAT database configuration.

Options

- `--overwrite` | `--ow` *(boolean)*

    - Overwrite the mat profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

    - Disable populating profile values of undefined properties with default values.

Examples

- Create a MAT profile called 'matprofile' using your CA MAT configuration and REST API details, with the CA MAT REST API server integrated with the Zowe API Mediation Layer:

  - `zowe profiles create mat-profile matprofile --prt http --hn localhost --pt 1234 --user user --pass pass --zowediscoverable true`

- Create a MAT profile called 'matprofile' using your CA MAT configuration and the details of the CA MAT REST API server without integration with the Zowe API Mediation Layer,and define the 'c:\listings' directory to store program listings for instant analysis from your VS Code IDE:

  - `zowe profiles create mat-profile matprofile --prt http --hn localhost --pt 1234 --user user --pass pass --zowediscoverable false --listingDir 'c:\listings'`

zowe › profiles › create › mq-profile

An MQREST profile is required to issue commands in the MQ command group that interacts with MQSC. The mq profile contains your host, port, user name, and password for the IBM MQ System Console interface

Usage

zowe profiles create mq-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new mq profile. You can load this profile by using the name on commands that support the "--mq-profile" option.

Required Options

- `--host` | `-H` *(string)*

  - The MQ Rest server host name

- `--port` | `-P` *(number)*

  - Port number of your MQ REST API server

- `--user` | `-u` *(string)*

  - User name to authenticate to your MQ REST API server

- `--password` | `-p` *(string)*

  - Password to authenticate to your MQ REST API server

MQ Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: false

- `--protocol` | `-o` *(string)*

  - Specifies the MQ protocol (http or https).

    Default value: http
    Allowed values: http, https

Options

- `--overwrite` | `--ow` *(boolean)*

  - Overwrite the mq profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

  - Disable populating profile values of undefined properties with default values.

Examples

- Create an MQ profile named 'mqprofile' to connect to MQ at host zos123 and port 1234:

  - ```
    zowe profiles create mq-profile mq --host mq123 --port 1234 --user ibmuser --password myp4ss
    ```

zowe › profiles › create › ops-profile

The OPS Web Services session profile schema, where you specify your session information and credentials

Usage

zowe profiles create ops-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new ops profile. You can load this profile by using the name on commands that support the "--ops-profile" option.

OPS WEB SERVICES CONNECTION OPTIONS

- `--host` *(string)*

  - The hostname of the server where OPS Web Services is running.

- `--port` | `-p` *(number)*

  - The port number for OPS Web Services.

- `--user` *(string)*

  - Your z/OS user name used to authenticate to OPS Web Services

- `--password` | `--pass` *(string)*

  - Your z/OS password used to authenticate to OPS Web Services

- `--protocol` | `--prot` *(string)*

  - The protocol used for connecting to OPS Web Services

    Default value: https
    Allowed values: http, https

- `--reject-unauthorized` | `--ru` *(boolean)*

  - If set to true, the server certificate is verified against the list of supplied CAs. If set to false, certificate verification is not performed.

    Default value: true

- `--subsystem` | `--subs` *(string)*

  - Specifies the subsystem id of the OPS/MVS instance to which commands will be directed.

Options

- `--overwrite` | `--ow` *(boolean)*

  - Overwrite the ops profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

    - Disable populating profile values of undefined properties with default values.

Examples

- Create an OPS profile called 'myLPAR' to connect to OPS Web Services at host lpar123 and port 8080, using http protocol, allowing self-signed certificates:

    - ```
      zowe profiles create ops-profile myLPAR --host lpar123 --port 8080 --user
      ibmuser --password !@#$^ --prot http --reject-unauthorized false
      ```

zowe › profiles › create › pma-profile

CA MAT Detect CLI profile schema.

Usage

zowe profiles create pma-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new pma profile. You can load this profile by using the name on commands that support the "--pma-profile" option.

PMA Connection Options

- `--job_acct` | `--ja` *(string)*

    - Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)

- `--job_class` | `--jc` *(string)*

    - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)

- `--job_mclass` | `--jmc` *(string)*

    - Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)

    - Default value: A

- `--job_load` | `--jl` *(string)*

    - Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD)

- `--job_pmahlq` | `--jph` *(string)*

    - Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

Options

- `--overwrite` | `--ow` *(boolean)*

    - Overwrite the pma profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

    - Disable populating profile values of undefined properties with default values.

Examples

- Create a PMA profile called pma123 using your valid jobcard and PMA configuration details:

    - ```
      zowe profiles create pma-profile pma123 --ja 123456789 --jc A --jmc A --jl
      HLQ.CEETLOAD --jph PMAHLQ
      ```

zowe › profiles › create › rse-profile

A profile to issue commands to a z/OS system with a working Zowe REST server,Mediation Layer, or IBM RSE (Remote System Explorer) API server installation.

Usage

zowe profiles create rse-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new rse profile. You can load this profile by using the name on commands that support the "--rse-profile" option.

Zowe REST Connection Options

- `--host` | `-H` *(string)*

- ○ The z/OS host name running the Zowe REST API.

- `--port` | `-P` *(number)*

  - ○ The server port used by the REST API.

    Default value: 6800

- `--user` | `-u` *(string)*

  - ○ The user name for the Zowe REST API operations.

- `--password` | `--pass` *(string)*

  - ○ The password of the user for the Zowe REST API operations.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - ○ Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - ○ The base path of the API for the REST API operations.

    Default value: rseapi

- `--protocol` | `--protocol` *(string)*

  - ○ http or https, depending whether a TLS handshake is required to access REST API.

    Default value: https

- `--encoding` | `--ec` *(string)*

  - ○ The encoding for download and upload of z/OS data set and USS files. The encoding should be specified in the form of "IBM-1047".

Options

- `--overwrite` | `--ow` *(boolean)*

  - ○ Overwrite the rse profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

  - ○ Disable populating profile values of undefined properties with default values.

Examples

- Create an RSE API profile named 'myRseApiProfile' to connect to z/OS using the RSE API server at host zos123 that runs on port 6800 and has a base path of 'rseapi' and uses the 'http' protocol. An example base URL to RSE API would be: 'http://zos123:6800/rseapi/api/v1/':

    ```
    zowe profiles create rse-profile myRseApiProfile --host zos123 --port 6800 --user ibmuser --pass myp4ss --bp rseapi --protocol http --ru false
    ```

- Create a profile named 'myZoweRestProfile' to connect to z/OS using the Zowe REST APIs at host zos123 that runs the Zowe REST API server on port 8443, requires a TLS handshake using 'https' with SSL certificates, and has a default encoding of IBM-285. An example base URL to Zowe REST API would be: 'https://zos123:6800/api/v1/':

    ```
    zowe profiles create rse-profile myZoweRestProfile --host zos123 --port 8443 --user ibmuser --pass myp4ss --ru false --protocol https --ec IBM-285
    ```

zowe › profiles › create › sa-profile

Profile for System Automation Plug-in

Usage

zowe profiles create sa-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new sa profile. You can load this profile by using the name on commands that support the "--sa-profile" option.

SA CONNECTTION OPTIONS

- `--host` | `-H` *(string)*

    - Host name of the SA Operations REST API server

- `--port` | `-P` *(number)*

    - Port number of the SA Operations REST API server

- `--encrypted` | `-E` *(boolean)*

    - Encrypted (HTTPS) communication with the SA Operations REST API server

Default value: true

- `--user` | `-u` *(string)*

  - User name to authenticate to the SA Operations REST API server

- `--password` | `-p` *(string)*

  - Password to authenticate to the SA Operations REST API server

Options

- `--overwrite` | `--ow` *(boolean)*

  - Overwrite the sa profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

  - Disable populating profile values of undefined properties with default values.

zowe › profiles › create › ssh-profile

z/OS SSH Profile

Usage

zowe profiles create ssh-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new ssh profile. You can load this profile by using the name on commands that support the "--ssh-profile" option.

z/OS Ssh Connection Options

- `--host` | `-H` *(string)*

  - The z/OS SSH server host name.

- `--port` | `-P` *(number)*

  - The z/OS SSH server port.

    Default value: 22

- `--user` | `-u` *(string)*

  - Mainframe user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe password, which can be the same as your TSO password.

- `--privateKey` | `--key` | `--pk` *(string)*

  - Path to a file containing your private key, that must match a public key stored in the server for authentication

- `--keyPassphrase` | `--passphrase` | `--kp` *(string)*

  - Private key passphrase, which unlocks the private key.

- `--handshakeTimeout` | `--timeout` | `--to` *(number)*

  - How long in milliseconds to wait for the SSH handshake to complete.

Options

- `--overwrite` | `--ow` *(boolean)*

  - Overwrite the ssh profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

  - Disable populating profile values of undefined properties with default values.

Examples

- Create a ssh profile called 'ssh111' to connect to z/OS SSH server at host 'zos123' and default port 22:

  - ```
    zowe profiles create ssh-profile ssh111 --host sshhost --user ibmuser --password myp4ss
    ```

- Create a ssh profile called 'ssh222' to connect to z/OS SSH server at host 'zos123' and port 13022:

  - ```
    zowe profiles create ssh-profile ssh222 --host sshhost --port 13022 --user ibmuser --password myp4ss
    ```

- Create a ssh profile called 'ssh333' to connect to z/OS SSH server at host 'zos123' using a privatekey '/path/to/privatekey' and its decryption passphrase 'privateKeyPassphrase' for

privatekey authentication:

- `zowe profiles create ssh-profile ssh333 --host sshhost --user ibmuser --privateKey /path/to/privatekey --keyPassphrase privateKeyPassphrase`

- Create a ssh profile called 'ssh444' to connect to z/OS SSH server on default port 22, without specifying username, host, or password, preventing those values from being stored on disk:

  - `zowe profiles create ssh-profile ssh444 --privateKey /path/to/privatekey`

zowe › profiles › create › sysview-format-profile

The SYSVIEW format profile schema, where you specify display settings

Usage

zowe profiles create sysview-format-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new sysview-format profile. You can load this profile by using the name on commands that support the "--sysview-format-profile" option.

display options

- `--context-fields` | `--cf` *(array)*

  - Context fields to display. Defaults to hiding all context

- `--overview` | `-o` *(boolean)*

  - Display the overview section

- `--info` | `-i` *(boolean)*

  - Display the information area, if any

- `--pretty` | `-p` *(boolean)*

  - Display formatted data

- `--blank-if-zero` | `--biz` | `-b` *(boolean)*

  - Show a blank space instead of '0' values

- `--truncate` | `--tr` *(boolean)*

  - Truncate displays that are too wide for the console

    Default value: false

Options

- `--overwrite` | `--ow` *(boolean)*

  - Overwrite the sysview-format profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

  - Disable populating profile values of undefined properties with default values.

Examples

- Create a SYSVIEW format profile to display the context fields 'commandName' and 'screenTitle', the information area, and not the overview area for all requests. Data will be formatted, and '0's will be blanked:

  - ```
    zowe profiles create sysview-format-profile myFormat --cf commandName
    screenTitle --overview false --info true --pretty true --biz true
    ```

zowe › profiles › create › sysview-profile

The SYSVIEW session profile schema, where you specify your session information and credentials

Usage

zowe profiles create sysview-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new sysview profile. You can load this profile by using the name on commands that support the "--sysview-profile" option.

sysview connection options

- `--host` | `-H` *(string)*

  - The hostname of the SYSVIEW REST API

- `--port` | `-P` *(number)*

  - The port number of the SYSVIEW REST API

- `--user` | `-u` *(string)*

  - Your z/OS username used to authenticate to the SYSVIEW REST API

- `--password` | `--pass` | `--pw` *(string)*

  - Your z/OS password used to authenticate to the SYSVIEW REST API

- `--reject-unauthorized` | `--ru` *(boolean)*

  - If set, the server certificate is verified against the list of supplied CAs

- `--ssid` *(string)*

  - SSID of the SYSVIEW instance. Default value: GSVX

    Default value: GSVX

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Do not specify this option if you are not using an API mediation layer.

    Default value: /api/v1

Options

- `--overwrite` | `--ow` *(boolean)*

  - Overwrite the sysview profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

  - Disable populating profile values of undefined properties with default values.

Examples

- Create a SYSVIEW profile called 'myLPAR' to connect to the SYSVIEW REST API at host lpar123, port 8080, and ssid ABCD:

  - ```
    zowe profiles create sysview-profile myLPAR --host lpar123 --port 8080 --
    user ibmuser --password !@#$^ --ssid ABCD
    ```

- You already have a base profile with username and password. Create a SYSVIEW profile to specify host lpar123 and port 8080, using the default ssid of GSVX:

  - `zowe profiles create sysview-profile myLPAR2 --host lpar123 --port 8080`

- You already have a base profile to connect to an API Mediation Layer and use SSO tokens. Create a SYSVIEW profile to point to the SYSVIEW REST API by specifying the base path /my-sysview-instance/api/v1:

  - `zowe profiles create sysview-profile myLPAR3 --base-path /api/v1/my-sysview-instance`

zowe › profiles › create › tso-profile

z/OS TSO/E User Profile

Usage

zowe profiles create tso-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new tso profile. You can load this profile by using the name on commands that support the "--tso-profile" option.

TSO ADDRESS SPACE OPTIONS

- `--account` | `-a` *(string)*

  - Your z/OS TSO/E accounting information.

- `--character-set` | `--cs` *(string)*

  - Character set for address space to convert messages and responses from UTF-8 to EBCDIC.

    Default value: 697

- `--code-page` | `--cp` *(string)*

  - Codepage value for TSO/E address space to convert messages and responses from UTF-8 to EBCDIC.

    Default value: 1047

- `--columns` | `--cols` *(number)*

  - The number of columns on a screen.

    Default value: 80

- `--logon-procedure` | `-l` *(string)*

  - The logon procedure to use when creating TSO procedures on your behalf.

    Default value: IZUFPROC

- `--region-size` | `--rs` *(number)*

  - Region size for the TSO/E address space.

    Default value: 4096

- `--rows` *(number)*

  - The number of rows on a screen.

    Default value: 24

Options

- `--overwrite` | `--ow` *(boolean)*

  - Overwrite the tso profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

  - Disable populating profile values of undefined properties with default values.

Examples

- Create a tso profile called 'myprof' with default settings and JES accounting information of 'IZUACCT':

  - ```
    zowe profiles create tso-profile myprof -a IZUACCT
    ```

- Create a tso profile called 'largeregion' with a region size of 8192, a logon procedure of MYPROC, and JES accounting information of '1234':

  - ```
    zowe profiles create tso-profile largeregion -a 1234 --rs 8192
    ```

- Create a tso profile called 'myprof2' with default settings and region size of 8192, without storing the user account on disk:

  - `zowe profiles create tso-profile myprof2 --rs 8192`

[zowe](#) › [profiles](#) › [create](#) › [wa-profile](#)

A profile for interaction with WA REST Services

Usage

zowe profiles create wa-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new wa profile. You can load this profile by using the name on commands that support the "--wa-profile" option.

workload-automation Connection Options

- `--host` | `-H` *(string)*

  - The Z connector server host name or API ML server host name

- `--port` | `-P` *(number)*

  - The Z connector server port or API ML server port

- `--user` | `-u` *(string)*

  - The Z connector user ID

- `--password` | `--pwd` *(string)*

  - The Z connector password

- `--engine` | `--eng` *(string)*

  - Name of the engine, as defined on the Z connector

- `--base-path` | `--bp` *(string)*

  - Base path of your API mediation layer instance. If a base path is specified, the plug-in connects to API ML. Specify this value according to the yaml static file added to API ML

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates

        Default value: true

Options

- `--overwrite` | `--ow` *(boolean)*

    - Overwrite the wa profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

    - Disable populating profile values of undefined properties with default values.

Examples

- Create a WA profile named 'waprof1' to connect to Z Connector at host zconnhost and port 9443:

    - ```
      zowe profiles create wa-profile waprof --host zconnhost --port 9443 --user
      wauser --password wapwd --engine myengine --reject-unauthorized true
      ```

- Create a WA profile named 'waprof2' to connect to Api mediaton layer at host gatewayhost and port 443:

    - ```
      zowe profiles create wa-profile waprof2 --host gatewayhost --port 443 --user
      wauser --password wapwd --engine myengine --base-path /api/v1/serviceId
      ```

zowe › profiles › create › zftp-profile

Configuration profile for z/OS FTP

Usage

zowe profiles create zftp-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new zftp profile. You can load this profile by using the name on commands that support the "--zftp-profile" option.

Required Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

  - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

  - Password to authenticate to FTP.

Options

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

- `--overwrite` | `--ow` *(boolean)*

  - Overwrite the zftp profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

  - Disable populating profile values of undefined properties with default values.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

- Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

    - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Examples

- Create a zftp profile called 'myprofile' with default settings (port, timeout, etc.) to connect with the host system 123.:

    - `zowe profiles create zftp-profile myprofile -u ibmuser -p ibmp4ss -H sys123`

zowe › profiles › create › znetview-profile

The NetView profile is the profile that you created to communicate with the NetView REST Server. It is required to use Z NetView Plug-ins, including Z NetView Base Plug-in, Z NetView Automation Plug-in and Z NetView Network Plug-in.

Usage

zowe profiles create znetview-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new znetview profile. You can load this profile by using the name on commands that support the "--znetview-profile" option.

Options

- `--automation-table-file-path` | `--atfp` *(string)*

    - The path of the automation table file on the workstation where the Zowe CLI is running on.

- `--overwrite` | `--ow` *(boolean)*

    - Overwrite the znetview profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

    - Disable populating profile values of undefined properties with default values.

NetView Connection Options

- `--base-path` | `--bp` *(string)*

  - The base path for your Zowe API Mediation Layer instance. Specify this option to prepend the base path to NetView REST service when making REST requests to the Zowe API Mediation Layer.

    Note: Do not specify this option if you are not using the Zowe API Mediation Layer.

- `--host` | `-H` *(string)*

  - The host name of your NetView REST Server.

- `--password` | `--pw` *(string)*

  - The password to authenticate to your NetView REST Server.

- `--port` | `-P` *(number)*

  - The port number of your NetView REST Server.

- `--token-type` | `--tt` *(string)*

  - The type of the token to authenticate to your NetView REST Server. The only token type that is valid when using NetView REST Server authentication is JSESSIONID.

- `--token-value` | `--tv` *(string)*

  - The value of the token to authenticate to your NetView REST Server.

- `--user` | `-u` *(string)*

  - The user name to authenticate to your NetView REST Server.

Examples

- Create a NetView profile named "nvProfile" to connect to the NetView REST Server which is running on host "zos123" and port "1234" with user name "myuser" and password "myp4ss".:

  - ```
    zowe profiles create znetview-profile nvProfile --host zos123 --port 1234 --user myuser --password myp4ss
    ```

zowe › profiles › create › zosconnect-profile

z/OS Connect EE connection profile

Usage

zowe profiles create zosconnect-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new zosconnect profile. You can load this profile by using the name on commands that support the "--zosconnect-profile" option.

Required Options

- `--address` | `-a` *(string)*

    - URI of the z/OS Connect EE server

Options

- `--user` | `-u` *(string)*

    - User ID for accessing the server

- `--password` | `-p` *(string)*

    - Password for the User

- `--rejectUnauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates

        Default value: true

- `--overwrite` | `--ow` *(boolean)*

    - Overwrite the zosconnect profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

    - Disable populating profile values of undefined properties with default values.

zowe › profiles › create › zosmf-profile

z/OSMF Profile

Usage

zowe profiles create zosmf-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new zosmf profile. You can load this profile by using the name on commands that support the "--zosmf-profile" option.

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this

option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

Options

- `--encoding` | `--ec` *(number)*

  - The encoding for download and upload of z/OS data set and USS files. The default encoding if not specified is 1047.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

- `--overwrite` | `--ow` *(boolean)*

  - Overwrite the zosmf profile when a profile of the same name exists.

- `--disable-defaults` | `--dd` *(boolean)*

  - Disable populating profile values of undefined properties with default values.

Examples

- Create a zosmf profile called 'zos123' to connect to z/OSMF at host zos123 and port 1443:

  - ```
    zowe profiles create zosmf-profile zos123 --host zos123 --port 1443 --user
    ibmuser --password myp4ss
    ```

- Create a zosmf profile called 'zos124' to connect to z/OSMF at the host zos124 (default port - 443) and allow self-signed certificates:

  - ```
    zowe profiles create zosmf-profile zos124 --host zos124 --user ibmuser --
    password myp4ss --reject-unauthorized false
    ```

- Create a zosmf profile called 'zos125' to connect to z/OSMF at the host zos125 and port 1443, not specifying a username or password so they are not stored on disk; these will need to be specified on every command:

- `zowe profiles create zosmf-profile zos125 --host zos125 --port 1443`

- Create a zosmf profile called 'zos126' to connect to z/OSMF on the default port 443 and allow self-signed certificates, not specifying a username, password, or host so they are not stored on disk; these will need to be specified on every command:

  - `zowe profiles create zosmf-profile zos126 --reject-unauthorized false`

- Create a zosmf profile called 'zos124' to connect to z/OSMF at the host zos124 (default port - 443) and allow self-signed certificates:

  - `zowe profiles create zosmf-profile zosAPIML --host zosAPIML --port 2020 -- user ibmuser --password myp4ss --reject-unauthorized false --base-path basePath`

zowe › profiles › delete

Delete existing profiles.

zowe › profiles › delete › base-profile

Delete a base profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete base-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the base profile to be deleted. You can also load this profile by using the name on commands that support the "--base-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a base profile named profilename:

  - `zowe profiles delete base-profile profilename`

zowe › profiles › delete › ca7-profile

Delete a ca7 profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete ca7-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the ca7 profile to be deleted. You can also load this profile by using the name on commands that support the "--ca7-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a ca7 profile named profilename:

  - `zowe profiles delete ca7-profile profilename`

zowe › profiles › delete › caspool-profile

Delete a caspool profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete caspool-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the caspool profile to be deleted. You can also load this profile by using the name on commands that support the "--caspool-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a caspool profile named profilename:

  - ```
    zowe profiles delete caspool-profile profilename
    ```

zowe › profiles › delete › caview-profile

Delete a caview profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete caview-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the caview profile to be deleted. You can also load this profile by using the name on commands that support the "--caview-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a caview profile named profilename:

- `zowe profiles delete caview-profile profilename`

zowe › profiles › delete › cics-deploy-profile

Delete a cics-deploy profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete cics-deploy-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the cics-deploy profile to be deleted. You can also load this profile by using the name on commands that support the "--cics-deploy-profile" option.

Options

- `--force` *(boolean)*

    - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a cics-deploy profile named profilename:

    - `zowe profiles delete cics-deploy-profile profilename`

zowe › profiles › delete › cics-profile

Delete a cics profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete cics-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

- Specifies the name of the cics profile to be deleted. You can also load this profile by using the name on commands that support the "--cics-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a cics profile named profilename:

  - `zowe profiles delete cics-profile profilename`

zowe › profiles › delete › db2-profile

Delete a db2 profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete db2-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the db2 profile to be deleted. You can also load this profile by using the name on commands that support the "--db2-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a db2 profile named profilename:

  - `zowe profiles delete db2-profile profilename`

zowe › profiles › delete › ebg-profile

Delete a ebg profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete ebg-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the ebg profile to be deleted. You can also load this profile by using the name on commands that support the "--ebg-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a ebg profile named profilename:

  - `zowe profiles delete ebg-profile profilename`

zowe › profiles › delete › endevor-location-profile

Delete a endevor-location profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete endevor-location-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

- Specifies the name of the endevor-location profile to be deleted. You can also load this profile by using the name on commands that support the "--endevor-location-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a endevor-location profile named profilename:

  - `zowe profiles delete endevor-location-profile profilename`

zowe › profiles › delete › endevor-profile

Delete a endevor profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete endevor-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the endevor profile to be deleted. You can also load this profile by using the name on commands that support the "--endevor-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a endevor profile named profilename:

```
zowe profiles delete endevor-profile profilename
```

zowe › profiles › delete › fmp-profile

Delete a fmp profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete fmp-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the fmp profile to be deleted. You can also load this profile by using the name on commands that support the "--fmp-profile" option.

Options

- `--force` *(boolean)*

    - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a fmp profile named profilename:

    - ```
      zowe profiles delete fmp-profile profilename
      ```

zowe › profiles › delete › idms-profile

Delete a idms profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete idms-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

- Specifies the name of the idms profile to be deleted. You can also load this profile by using the name on commands that support the "--idms-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a idms profile named profilename:

  - `zowe profiles delete idms-profile profilename`

zowe › profiles › delete › ims-profile

Delete a ims profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete ims-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the ims profile to be deleted. You can also load this profile by using the name on commands that support the "--ims-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a ims profile named profilename:

  - `zowe profiles delete ims-profile profilename`

zowe › profiles › delete › jclcheck-profile

Delete a jclcheck profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete jclcheck-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the jclcheck profile to be deleted. You can also load this profile by using the name on commands that support the "--jclcheck-profile" option.

Options

- `--force` *(boolean)*

    - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a jclcheck profile named profilename:

    - `zowe profiles delete jclcheck-profile profilename`

zowe › profiles › delete › mat-profile

Delete a mat profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete mat-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

- Specifies the name of the mat profile to be deleted. You can also load this profile by using the name on commands that support the "--mat-profile" option.

Options

- `--force` *(boolean)*

    - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a mat profile named profilename:

    - ```
      zowe profiles delete mat-profile profilename
      ```

zowe › profiles › delete › mq-profile

Delete a mq profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete mq-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the mq profile to be deleted. You can also load this profile by using the name on commands that support the "--mq-profile" option.

Options

- `--force` *(boolean)*

    - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a mq profile named profilename:

    - ```
      zowe profiles delete mq-profile profilename
      ```

zowe › profiles › delete › ops-profile

Delete a ops profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete ops-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the ops profile to be deleted. You can also load this profile by using the name on commands that support the "--ops-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a ops profile named profilename:

  - `zowe profiles delete ops-profile profilename`

zowe › profiles › delete › pma-profile

Delete a pma profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete pma-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

- Specifies the name of the pma profile to be deleted. You can also load this profile by using the name on commands that support the "--pma-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a pma profile named profilename:

  - ```
    zowe profiles delete pma-profile profilename
    ```

zowe › profiles › delete › rse-profile

Delete a rse profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete rse-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the rse profile to be deleted. You can also load this profile by using the name on commands that support the "--rse-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a rse profile named profilename:

  - ```
    zowe profiles delete rse-profile profilename
    ```

zowe › profiles › delete › sa-profile

Delete a sa profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete sa-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the sa profile to be deleted. You can also load this profile by using the name on commands that support the "--sa-profile" option.

Options

- `--force` *(boolean)*

    - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a sa profile named profilename:

    - `zowe profiles delete sa-profile profilename`

zowe › profiles › delete › ssh-profile

Delete a ssh profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete ssh-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

- Specifies the name of the ssh profile to be deleted. You can also load this profile by using the name on commands that support the "--ssh-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a ssh profile named profilename:

  - `zowe profiles delete ssh-profile profilename`

zowe › profiles › delete › sysview-format-profile

Delete a sysview-format profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete sysview-format-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the sysview-format profile to be deleted. You can also load this profile by using the name on commands that support the "--sysview-format-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a sysview-format profile named profilename:

- ```
  zowe profiles delete sysview-format-profile profilename
  ```

zowe › profiles › delete › sysview-profile

Delete a sysview profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete sysview-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the sysview profile to be deleted. You can also load this profile by using the name on commands that support the "--sysview-profile" option.

Options

- `--force` *(boolean)*

    - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a sysview profile named profilename:

    - ```
      zowe profiles delete sysview-profile profilename
      ```

zowe › profiles › delete › tso-profile

Delete a tso profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete tso-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

- Specifies the name of the tso profile to be deleted. You can also load this profile by using the name on commands that support the "--tso-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a tso profile named profilename:

  - ```
    zowe profiles delete tso-profile profilename
    ```

zowe › profiles › delete › wa-profile

Delete a wa profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete wa-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the wa profile to be deleted. You can also load this profile by using the name on commands that support the "--wa-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a wa profile named profilename:

  - ```
    zowe profiles delete wa-profile profilename
    ```

zowe › profiles › delete › zftp-profile

Delete a zftp profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete zftp-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the zftp profile to be deleted. You can also load this profile by using the name on commands that support the "--zftp-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a zftp profile named profilename:

  - `zowe profiles delete zftp-profile profilename`

zowe › profiles › delete › znetview-profile

Delete a znetview profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete znetview-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

- Specifies the name of the znetview profile to be deleted. You can also load this profile by using the name on commands that support the "--znetview-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a znetview profile named profilename:

  - ```
    zowe profiles delete znetview-profile profilename
    ```

zowe › profiles › delete › zosconnect-profile

Delete a zosconnect profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete zosconnect-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the zosconnect profile to be deleted. You can also load this profile by using the name on commands that support the "--zosconnect-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a zosconnect profile named profilename:

  - ```
    zowe profiles delete zosconnect-profile profilename
    ```

zowe › profiles › delete › zosmf-profile

Delete a zosmf profile. You must specify a profile name to be deleted. To find a list of available profiles for deletion, issue the profiles list command. By default, you will be prompted to confirm the profile removal.

Usage

zowe profiles delete zosmf-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the zosmf profile to be deleted. You can also load this profile by using the name on commands that support the "--zosmf-profile" option.

Options

- `--force` *(boolean)*

  - Force deletion of profile, and dependent profiles if specified. No prompt will be displayed before deletion occurs.

Examples

- Delete a zosmf profile named profilename:

  - `zowe profiles delete zosmf-profile profilename`

zowe › profiles › list

List profiles of the type {{type}}.

zowe › profiles › list › base-profiles

Base profile that stores values shared by multiple service profiles

Usage

zowe profiles list base-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

- List base profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type base:

  - `zowe profiles list base-profiles`

- List profiles of type base and display their contents:

  - `zowe profiles list base-profiles --sc`

zowe › profiles › list › ca7-profiles

A CA7 profile is required to issue commands in the CA7 command group. The CA7 profile contains your host and port for the CA7 instance of your choice.

Usage

zowe profiles list ca7-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

  - List ca7 profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type ca7:

  - `zowe profiles list ca7-profiles`

- List profiles of type ca7 and display their contents:

  - `zowe profiles list ca7-profiles --sc`

zowe › profiles › list › caspool-profiles

Configuration profile for CA Spool, where you specify information about your CA Spool instance

Usage

zowe profiles list caspool-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

    - List caspool profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type caspool:

    - `zowe profiles list caspool-profiles`

- List profiles of type caspool and display their contents:

    - `zowe profiles list caspool-profiles --sc`

zowe › profiles › list › caview-profiles

Configuration profile for CA View

Usage

zowe profiles list caview-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

    - List caview profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type caview:

    - `zowe profiles list caview-profiles`

- List profiles of type caview and display their contents:

    - `zowe profiles list caview-profiles --sc`

zowe › profiles › list › cics-deploy-profiles

Specifies the target environment for the cics-deploy deploy and undeploy actions.

Usage

zowe profiles list cics-deploy-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

  - List cics-deploy profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type cics-deploy:

  - `zowe profiles list cics-deploy-profiles`

- List profiles of type cics-deploy and display their contents:

  - `zowe profiles list cics-deploy-profiles --sc`

zowe › profiles › list › cics-profiles

A cics profile is required to issue commands in the cics command group that interact with CICS regions. The cics profile contains your host, port, user name, and password for the IBM CICS management client interface (CMCI) server of your choice.

Usage

zowe profiles list cics-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

  - List cics profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type cics:

  - `zowe profiles list cics-profiles`

- List profiles of type cics and display their contents:

- `zowe profiles list cics-profiles --sc`

zowe › profiles › list › db2-profiles

A profile for interaction with Db2 for the z/OS region

Usage

zowe profiles list db2-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

  - List db2 profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type db2:

  - `zowe profiles list db2-profiles`

- List profiles of type db2 and display their contents:

  - `zowe profiles list db2-profiles --sc`

zowe › profiles › list › ebg-profiles

An EBG profile is required to issue commands in the ebg command group. The EBG profile contains the connection details for the CA Endevor Bridge for Git server of your choice.

Usage

zowe profiles list ebg-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

  - List ebg profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type ebg:

- `zowe profiles list ebg-profiles`

- List profiles of type ebg and display their contents:

  - `zowe profiles list ebg-profiles --sc`

zowe › profiles › list › endevor-location-profiles

The CA Endevor SCM element location, where you specify your working environment, system and subsystem

Usage

zowe profiles list endevor-location-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

  - List endevor-location profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type endevor-location:

  - `zowe profiles list endevor-location-profiles`

- List profiles of type endevor-location and display their contents:

  - `zowe profiles list endevor-location-profiles --sc`

zowe › profiles › list › endevor-profiles

The Endevor endevor profile schema, where you specify your endevor session information and credentials

Usage

zowe profiles list endevor-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

- List endevor profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type endevor:

  - ```
    zowe profiles list endevor-profiles
    ```

- List profiles of type endevor and display their contents:

  - ```
    zowe profiles list endevor-profiles --sc
    ```

zowe › profiles › list › fmp-profiles

CA File Master Plus profile schema.

Usage

zowe profiles list fmp-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

  - List fmp profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type fmp:

  - ```
    zowe profiles list fmp-profiles
    ```

- List profiles of type fmp and display their contents:

  - ```
    zowe profiles list fmp-profiles --sc
    ```

zowe › profiles › list › idms-profiles

An IDMS profile is required to issue IDMS CLI commands. The IDMS profile contains your host and port information

Usage

zowe profiles list idms-profiles [options]

Options

- `--show-contents | --sc` *(boolean)*

  - List idms profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type idms:

  - `zowe profiles list idms-profiles`

- List profiles of type idms and display their contents:

  - `zowe profiles list idms-profiles --sc`

zowe › profiles › list › ims-profiles

An ims profile is used to issue commands in the ims command group that interact with IMS regions. The ims profile contains your IMS Operations API web server host, port, user name and password, IMS Connect host and port and IMS plex name.

Usage

zowe profiles list ims-profiles [options]

Options

- `--show-contents | --sc` *(boolean)*

  - List ims profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type ims:

  - `zowe profiles list ims-profiles`

- List profiles of type ims and display their contents:

  - `zowe profiles list ims-profiles --sc`

zowe › profiles › list › jclcheck-profiles

A JCLCheck profile is required to issue commands in the jcl command group that interact with JCLCheck. The JCLCheck profile contains your host and port for the JCLCheck instance of your choice.

Usage

zowe profiles list jclcheck-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

    - List jclcheck profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type jclcheck:

    - ```
      zowe profiles list jclcheck-profiles
      ```

- List profiles of type jclcheck and display their contents:

    - ```
      zowe profiles list jclcheck-profiles --sc
      ```

zowe › profiles › list › mat-profiles

CA MAT Analyze CLI profile schema.

Usage

zowe profiles list mat-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

    - List mat profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type mat:

    - ```
      zowe profiles list mat-profiles
      ```

- List profiles of type mat and display their contents:

  - `zowe profiles list mat-profiles --sc`

zowe › profiles › list › mq-profiles

An MQREST profile is required to issue commands in the MQ command group that interacts with MQSC. The mq profile contains your host, port, user name, and password for the IBM MQ System Console interface

Usage

zowe profiles list mq-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

  - List mq profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type mq:

  - `zowe profiles list mq-profiles`

- List profiles of type mq and display their contents:

  - `zowe profiles list mq-profiles --sc`

zowe › profiles › list › ops-profiles

The OPS Web Services session profile schema, where you specify your session information and credentials

Usage

zowe profiles list ops-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

- List ops profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type ops:

    - `zowe profiles list ops-profiles`

- List profiles of type ops and display their contents:

    - `zowe profiles list ops-profiles --sc`

zowe › profiles › list › pma-profiles

CA MAT Detect CLI profile schema.

Usage

zowe profiles list pma-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

    - List pma profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type pma:

    - `zowe profiles list pma-profiles`

- List profiles of type pma and display their contents:

    - `zowe profiles list pma-profiles --sc`

zowe › profiles › list › rse-profiles

A profile to issue commands to a z/OS system with a working Zowe REST server,Mediation Layer, or IBM RSE (Remote System Explorer) API server installation.

Usage

zowe profiles list rse-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

  - List rse profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type rse:

  - `zowe profiles list rse-profiles`

- List profiles of type rse and display their contents:

  - `zowe profiles list rse-profiles --sc`

zowe › profiles › list › sa-profiles

Profile for System Automation Plug-in

Usage

zowe profiles list sa-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

  - List sa profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type sa:

  - `zowe profiles list sa-profiles`

- List profiles of type sa and display their contents:

  - `zowe profiles list sa-profiles --sc`

zowe › profiles › list › ssh-profiles

z/OS SSH Profile

Usage

zowe profiles list ssh-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

  - List ssh profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type ssh:

  - `zowe profiles list ssh-profiles`

- List profiles of type ssh and display their contents:

  - `zowe profiles list ssh-profiles --sc`

zowe › profiles › list › sysview-format-profiles

The SYSVIEW format profile schema, where you specify display settings

Usage

zowe profiles list sysview-format-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

  - List sysview-format profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type sysview-format:

  - `zowe profiles list sysview-format-profiles`

- List profiles of type sysview-format and display their contents:

  - `zowe profiles list sysview-format-profiles --sc`

zowe › profiles › list › sysview-profiles

The SYSVIEW session profile schema, where you specify your session information and credentials

Usage

zowe profiles list sysview-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

  - List sysview profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type sysview:

  - `zowe profiles list sysview-profiles`

- List profiles of type sysview and display their contents:

  - `zowe profiles list sysview-profiles --sc`

zowe › profiles › list › tso-profiles

z/OS TSO/E User Profile

Usage

zowe profiles list tso-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

  - List tso profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type tso:

  - `zowe profiles list tso-profiles`

- List profiles of type tso and display their contents:

  - `zowe profiles list tso-profiles --sc`

zowe › profiles › list › wa-profiles

A profile for interaction with WA REST Services

Usage

zowe profiles list wa-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

  - List wa profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type wa:

  - `zowe profiles list wa-profiles`

- List profiles of type wa and display their contents:

  - `zowe profiles list wa-profiles --sc`

zowe › profiles › list › zftp-profiles

Configuration profile for z/OS FTP

Usage

zowe profiles list zftp-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

  - List zftp profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type zftp:

    - `zowe profiles list zftp-profiles`

- List profiles of type zftp and display their contents:

    - `zowe profiles list zftp-profiles --sc`

zowe › profiles › list › znetview-profiles

The NetView profile is the profile that you created to communicate with the NetView REST Server. It is required to use Z NetView Plug-ins, including Z NetView Base Plug-in, Z NetView Automation Plug-in and Z NetView Network Plug-in.

Usage

zowe profiles list znetview-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

    - List znetview profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type znetview:

    - `zowe profiles list znetview-profiles`

- List profiles of type znetview and display their contents:

    - `zowe profiles list znetview-profiles --sc`

zowe › profiles › list › zosconnect-profiles

z/OS Connect EE connection profile

Usage

zowe profiles list zosconnect-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

- List zosconnect profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type zosconnect:

    - `zowe profiles list zosconnect-profiles`

- List profiles of type zosconnect and display their contents:

    - `zowe profiles list zosconnect-profiles --sc`

zowe › profiles › list › zosmf-profiles

z/OSMF Profile

Usage

zowe profiles list zosmf-profiles [options]

Options

- `--show-contents` | `--sc` *(boolean)*

    - List zosmf profiles and their contents. All profile details will be printed as part of command output.

Examples

- List profiles of type zosmf:

    - `zowe profiles list zosmf-profiles`

- List profiles of type zosmf and display their contents:

    - `zowe profiles list zosmf-profiles --sc`

zowe › profiles › set-default

Set which profiles are loaded by default.

zowe › profiles › set-default › base-profile

The base set default-profiles command allows you to set the default profiles for this command group. When a base command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default base-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
    profile for default usage within the base group. When you issue commands within the base group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type base to the profile named 'profilename':

  - ```
    zowe profiles set-default base-profile profilename
    ```

zowe › profiles › set-default › ca7-profile

The ca7 set default-profiles command allows you to set the default profiles for this command group. When a ca7 command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default ca7-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
    profile for default usage within the ca7 group. When you issue commands within the ca7 group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type ca7 to the profile named 'profilename':

  - ```
    zowe profiles set-default ca7-profile profilename
    ```

zowe › profiles › set-default › caspool-profile

The caspool set default-profiles command allows you to set the default profiles for this command group. When a caspool command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default caspool-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
    profile for default usage within the caspool group. When you issue commands within the caspool group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type caspool to the profile named 'profilename':

  - ```
    zowe profiles set-default caspool-profile profilename
    ```

zowe › profiles › set-default › caview-profile

The caview set default-profiles command allows you to set the default profiles for this command group. When a caview command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default caview-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specify a
      profile for default usage within the caview group. When you issue commands within the
      caview group without a profile specified as part of the command, the default will be
      loaded instead.

Examples

- Set the default profile for type caview to the profile named 'profilename':

    - ```
      zowe profiles set-default caview-profile profilename
      ```

zowe › profiles › set-default › cics-deploy-profile

The cics-deploy set default-profiles command allows you to set the default profiles for this
command group. When a cics-deploy command is issued and no profile override options are
specified, the default profiles for the command group are automatically loaded for the command
based on the commands profile requirements.

Usage

zowe profiles set-default cics-deploy-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specify a
      profile for default usage within the cics-deploy group. When you issue commands within
      the cics-deploy group without a profile specified as part of the command, the default will
      be loaded instead.

Examples

- Set the default profile for type cics-deploy to the profile named 'profilename':

    - ```
      zowe profiles set-default cics-deploy-profile profilename
      ```

zowe › profiles › set-default › cics-profile

The cics set default-profiles command allows you to set the default profiles for this command
group. When a cics command is issued and no profile override options are specified, the default

profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default cics-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
    profile for default usage within the cics group. When you issue commands within the cics group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type cics to the profile named 'profilename':

  - `zowe profiles set-default cics-profile profilename`

zowe › profiles › set-default › db2-profile

The db2 set default-profiles command allows you to set the default profiles for this command group. When a db2 command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default db2-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
    profile for default usage within the db2 group. When you issue commands within the db2 group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type db2 to the profile named 'profilename':

- `zowe profiles set-default db2-profile profilename`

zowe › profiles › set-default › ebg-profile

The ebg set default-profiles command allows you to set the default profiles for this command group. When a ebg command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default ebg-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
    profile for default usage within the ebg group. When you issue commands within the ebg group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type ebg to the profile named 'profilename':

  - `zowe profiles set-default ebg-profile profilename`

zowe › profiles › set-default › endevor-location-profile

The endevor-location set default-profiles command allows you to set the default profiles for this command group. When a endevor-location command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default endevor-location-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

- Specify a
profile for default usage within the endevor-location group. When you issue commands within the endevor-location group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type endevor-location to the profile named 'profilename':

  - `zowe profiles set-default endevor-location-profile profilename`

zowe › profiles › set-default › endevor-profile

The endevor set default-profiles command allows you to set the default profiles for this command group. When a endevor command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default endevor-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
profile for default usage within the endevor group. When you issue commands within the endevor group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type endevor to the profile named 'profilename':

  - `zowe profiles set-default endevor-profile profilename`

zowe › profiles › set-default › fmp-profile

The fmp set default-profiles command allows you to set the default profiles for this command group. When a fmp command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default fmp-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
    profile for default usage within the fmp group. When you issue commands within the fmp
    group without a profile specified as part of the command, the default will be loaded
    instead.

Examples

- Set the default profile for type fmp to the profile named 'profilename':

  - ```
    zowe profiles set-default fmp-profile profilename
    ```

zowe › profiles › set-default › idms-profile

The idms set default-profiles command allows you to set the default profiles for this command
group. When a idms command is issued and no profile override options are specified, the default
profiles for the command group are automatically loaded for the command based on the
commands profile requirements.

Usage

zowe profiles set-default idms-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
    profile for default usage within the idms group. When you issue commands within the
    idms group without a profile specified as part of the command, the default will be loaded
    instead.

Examples

- Set the default profile for type idms to the profile named 'profilename':

  - ```
    zowe profiles set-default idms-profile profilename
    ```

zowe › profiles › set-default › ims-profile

The ims set default-profiles command allows you to set the default profiles for this command group. When a ims command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default ims-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
    profile for default usage within the ims group. When you issue commands within the ims group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type ims to the profile named 'profilename':

  - ```
    zowe profiles set-default ims-profile profilename
    ```

zowe › profiles › set-default › jclcheck-profile

The jclcheck set default-profiles command allows you to set the default profiles for this command group. When a jclcheck command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default jclcheck-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
    profile for default usage within the jclcheck group. When you issue commands within the

jclcheck group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type jclcheck to the profile named 'profilename':

  - ```
    zowe profiles set-default jclcheck-profile profilename
    ```

zowe › profiles › set-default › mat-profile

The mat set default-profiles command allows you to set the default profiles for this command group. When a mat command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default mat-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
    profile for default usage within the mat group. When you issue commands within the mat group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type mat to the profile named 'profilename':

  - ```
    zowe profiles set-default mat-profile profilename
    ```

zowe › profiles › set-default › mq-profile

The mq set default-profiles command allows you to set the default profiles for this command group. When a mq command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default mq-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specify a
      profile for default usage within the mq group. When you issue commands within the mq
      group without a profile specified as part of the command, the default will be loaded
      instead.

Examples

- Set the default profile for type mq to the profile named 'profilename':

    - ```
      zowe profiles set-default mq-profile profilename
      ```

zowe › profiles › set-default › ops-profile

The ops set default-profiles command allows you to set the default profiles for this command
group. When a ops command is issued and no profile override options are specified, the default
profiles for the command group are automatically loaded for the command based on the
commands profile requirements.

Usage

zowe profiles set-default ops-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specify a
      profile for default usage within the ops group. When you issue commands within the ops
      group without a profile specified as part of the command, the default will be loaded
      instead.

Examples

- Set the default profile for type ops to the profile named 'profilename':

    - ```
      zowe profiles set-default ops-profile profilename
      ```

zowe › profiles › set-default › pma-profile

The pma set default-profiles command allows you to set the default profiles for this command group. When a pma command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default pma-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
    profile for default usage within the pma group. When you issue commands within the pma group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type pma to the profile named 'profilename':

  - ```
    zowe profiles set-default pma-profile profilename
    ```

zowe › profiles › set-default › rse-profile

The rse set default-profiles command allows you to set the default profiles for this command group. When a rse command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default rse-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
    profile for default usage within the rse group. When you issue commands within the rse group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type rse to the profile named 'profilename':

  - `zowe profiles set-default rse-profile profilename`

zowe › profiles › set-default › sa-profile

The sa set default-profiles command allows you to set the default profiles for this command group. When a sa command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default sa-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
    profile for default usage within the sa group. When you issue commands within the sa group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type sa to the profile named 'profilename':

  - `zowe profiles set-default sa-profile profilename`

zowe › profiles › set-default › ssh-profile

The ssh set default-profiles command allows you to set the default profiles for this command group. When a ssh command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default ssh-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specify a
      profile for default usage within the ssh group. When you issue commands within the ssh group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type ssh to the profile named 'profilename':

    - ```
      zowe profiles set-default ssh-profile profilename
      ```

zowe › profiles › set-default › sysview-format-profile

The sysview-format set default-profiles command allows you to set the default profiles for this command group. When a sysview-format command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default sysview-format-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specify a
      profile for default usage within the sysview-format group. When you issue commands within the sysview-format group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type sysview-format to the profile named 'profilename':

    - ```
      zowe profiles set-default sysview-format-profile profilename
      ```

zowe › profiles › set-default › sysview-profile

The sysview set default-profiles command allows you to set the default profiles for this command group. When a sysview command is issued and no profile override options are specified, the

default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default sysview-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
    profile for default usage within the sysview group. When you issue commands within the sysview group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type sysview to the profile named 'profilename':

  - ```
    zowe profiles set-default sysview-profile profilename
    ```

zowe › profiles › set-default › tso-profile

The tso set default-profiles command allows you to set the default profiles for this command group. When a tso command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default tso-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
    profile for default usage within the tso group. When you issue commands within the tso group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type tso to the profile named 'profilename':

- `zowe profiles set-default tso-profile profilename`

zowe › profiles › set-default › wa-profile

The wa set default-profiles command allows you to set the default profiles for this command group. When a wa command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default wa-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
    profile for default usage within the wa group. When you issue commands within the wa group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type wa to the profile named 'profilename':

  - `zowe profiles set-default wa-profile profilename`

zowe › profiles › set-default › zftp-profile

The zftp set default-profiles command allows you to set the default profiles for this command group. When a zftp command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default zftp-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

- Specify a
  profile for default usage within the zftp group. When you issue commands within the zftp group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type zftp to the profile named 'profilename':

  - `zowe profiles set-default zftp-profile profilename`

zowe › profiles › set-default › znetview-profile

The znetview set default-profiles command allows you to set the default profiles for this command group. When a znetview command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default znetview-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
    profile for default usage within the znetview group. When you issue commands within the znetview group without a profile specified as part of the command, the default will be loaded instead.

Examples

- Set the default profile for type znetview to the profile named 'profilename':

  - `zowe profiles set-default znetview-profile profilename`

zowe › profiles › set-default › zosconnect-profile

The zosconnect set default-profiles command allows you to set the default profiles for this command group. When a zosconnect command is issued and no profile override options are specified, the default profiles for the command group are automatically loaded for the command based on the commands profile requirements.

Usage

zowe profiles set-default zosconnect-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
    profile for default usage within the zosconnect group. When you issue commands within
    the zosconnect group without a profile specified as part of the command, the default will
    be loaded instead.

Examples

- Set the default profile for type zosconnect to the profile named 'profilename':

  - ```
    zowe profiles set-default zosconnect-profile profilename
    ```

zowe › profiles › set-default › zosmf-profile

The zosmf set default-profiles command allows you to set the default profiles for this command
group. When a zosmf command is issued and no profile override options are specified, the default
profiles for the command group are automatically loaded for the command based on the
commands profile requirements.

Usage

zowe profiles set-default zosmf-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specify a
    profile for default usage within the zosmf group. When you issue commands within the
    zosmf group without a profile specified as part of the command, the default will be loaded
    instead.

Examples

- Set the default profile for type zosmf to the profile named 'profilename':

  - ```
    zowe profiles set-default zosmf-profile profilename
    ```

zowe › profiles › update

Update a {{type}} profile. You can update any property present within the profile configuration. The updated profile will be printed so that you can review the result of the updates.

zowe › profiles › update › base-profile

Base profile that stores values shared by multiple service profiles

Usage

zowe profiles update base-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new base profile. You can load this profile by using the name on commands that support the "--base-profile" option.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Update a base profile named 'base1' with a new username and password:

    - ```
      zowe profiles update base-profile base1 --user newuser --password newp4ss
      ```

zowe › profiles › update › ca7-profile

A CA7 profile is required to issue commands in the CA7 command group. The CA7 profile contains your host and port for the CA7 instance of your choice.

Usage

zowe profiles update ca7-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new ca7 profile. You can load this profile by using the name on commands that support the "--ca7-profile" option.

CA7 Connection Options

- `--host` | `-H` *(string)*

    - Host name of the CA7 API service that is running on the mainframe system.

- `--port` | `-P` *(number)*

    - Port for the CA7 API service that is running on the mainframe system.

- `--user` | `-u` *(string)*

- User name for authenticating connections to the CA7 API service that is running on the mainframe system.

- `--password` | `--pass` | `--pw` *(string)*

  - Password for authenticating connections to the CA7 API service that is running on the mainframe system.

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` | `-o` *(string)*

  - Specifies protocol to use for CA7 connection (http or https).

    Allowed values: http, https

zowe › profiles › update › caspool-profile

Configuration profile for CA Spool, where you specify information about your CA Spool instance

Usage

zowe profiles update caspool-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new caspool profile. You can load this profile by using the name on commands that support the "--caspool-profile" option.

CA SPOOL OPTIONS

- `--account` | `-a` *(string)*

  - z/OS TSO/E accounting information.

- `--spoolhlq` | `--hlq` *(string)*

  - High level qualifier of CA Spool installation.

- `--subsys` | `--sub` *(string)*

- CA Spool subsystem name.
- `--outds` | `--out` *(string)*

    - The SYSTSPRT data set allocated by CAI.CBQ4JCL(BQ4JZOWE). It must be unique for each Zowe CLI user interacting with CA Spool.

- `--clist` | `--cl` *(string)*

    - The data set containing ESFZOWE REXX exec.

Examples

- Update the TSO account information to '3213213210' for CA Spool profile named 'myProfile':

    - `zowe profiles update caspool-profile myProfile --account 3213213210`

- Update high level qualifier of the CA Spool installation to 'CASPOOL.HLQ' for CA Spool profile named 'myProfile':

    - `zowe profiles update caspool-profile myProfile --spoolhlq CASPOOL.HLQ`

- Update the CA Spool subsystem name to 'ESF2' for CA Spool profile named 'myProfile':

    - `zowe profiles update caspool-profile myProfile --subsys ESF2`

- Update the output response data set to 'OUTPUT.RESPONSE.DS.NEW' for CA Spool profile named 'myProfile':

    - `zowe profiles update caspool-profile myProfile --outds OUTPUT.RESPONSE.DS.NEW`

- Update the data set containing ESFZOWE REXX exec to 'USER.CLIST' for CA Spool profile named 'myProfile':

    - `zowe profiles update caspool-profile myProfile --clist USER.CLIST`

zowe › profiles › update › caview-profile

Configuration profile for CA View

Usage

zowe profiles update caview-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new caview profile. You can load this profile by using the name on commands that support the "--caview-profile" option.

Options

- `--protocol` *(string)*

    - Protocol of the target CA View REST API instance.

      Allowed values: http, https

- `--hostname` *(string)*

    - Hostname or ip address of the target CA View REST API instance.

- `--port` *(number)*

    - Port of the target CA View REST API instance.

- `--base-path` *(string)*

    - Context name of the target CA View REST API instance.

- `--username` *(string)*

    - User name used to authenticate against the target CA View REST API instance.

- `--password` *(string)*

    - Password used to authenticate against the target CA View REST API instance.

zowe › profiles › update › cics-deploy-profile

Specifies the target environment for the cics-deploy deploy and undeploy actions.

Usage

zowe profiles update cics-deploy-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new cics-deploy profile. You can load this profile by using the name on commands that support the "--cics-deploy-profile" option.

Options

- `--cicsplex` | `--cp` *(string)*

    - Specifies the CICSplex (up to 8 characters) to target.

- `--scope` | `--sc` *(string)*

    - Specifies the name of the CICS System, or CICS System Group (up to 8 characters) to target.

- `--csd-group` | `--cg` | `--csdgroup` *(string)*

    - Specifies the CSD group (up to 8 characters) for the bundle resource. If a bundle is deployed then a definition is added to this group; if a bundle is undeployed then the definition is removed from this group. The CSD group is changed for each CICS system that is specified by the --scope option. The --csd-group and --res-group options are mutually exclusive.

- `--res-group` | `--rg` | `--resgroup` *(string)*

    - Specifies the BAS resource group (up to 8 characters) for the bundle resource. If a bundle is deployed then a resource is defined in the BAS data repository; if a bundle is undeployed then the definition is removed. The --csd-group and --res-group options are mutually exclusive.

- `--cics-hlq` | `--cq` | `--cicshlq` *(string)*

    - Specifies the High Level Qualifier (up to 35 characters) at which the CICS datasets can be found in the target environment.

- `--cpsm-hlq` | `--cph` | `--cpsmhlq` *(string)*

    - Specifies the High Level Qualifier (up to 35 characters) at which the CPSM datasets can be found in the target environment.

- `--target-directory` | `--td` | `--targetdir` | `--target-dir` *(string)*

    - Specifies the target zFS location to which CICS bundles should be uploaded (up to 255 characters).

- `--job-card` | `--jc` | `--jobcard` *(string)*

    - Specifies the job card to use with any generated DFHDPLOY JCL.

zowe › profiles › update › cics-profile

A cics profile is required to issue commands in the cics command group that interact with CICS regions. The cics profile contains your host, port, user name, and password for the IBM CICS management client interface (CMCI) server of your choice.

Usage

zowe profiles update cics-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new cics profile. You can load this profile by using the name on commands that support the "--cics-profile" option.

Options

- `--host` | `-H` *(string)*

    - The CMCI server host name

- `--port` | `-P` *(number)*

    - The CMCI server port

- `--user` | `-u` *(string)*

    - Your username to connect to CICS

- `--password` | `-p` *(string)*

    - Your password to connect to CICS

- `--region-name` *(string)*

    - The name of the CICS region name to interact with

- `--cics-plex` *(string)*

    - The name of the CICSPlex to interact with

Cics Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

- `--protocol` | `-o` *(string)*

  - Specifies CMCI protocol (http or https).

    Allowed values: http, https

zowe › profiles › update › db2-profile

A profile for interaction with Db2 for the z/OS region

Usage

zowe profiles update db2-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new db2 profile. You can load this profile by using the name on commands that support the "--db2-profile" option.

Options

- `--host` | `-H` *(string)*

  - The Db2 server host name

- `--port` | `-P` *(number)*

  - The Db2 server port number

- `--user` | `-u` *(string)*

  - The Db2 user ID (may be the same as the TSO login)

- `--password` | `--pass` | `--pw` *(string)*

  - The Db2 password (may be the same as the TSO password)

- `--database` | `-d` *(string)*

  - The name of the database

- `--ssl-file` | `-s` *(string)*

  - Path to an SSL Certificate file

zowe › profiles › update › ebg-profile

An EBG profile is required to issue commands in the ebg command group. The EBG profile contains the connection details for the CA Endevor Bridge for Git server of your choice.

Usage

zowe profiles update ebg-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new ebg profile. You can load this profile by using the name on commands that support the "--ebg-profile" option.

CA Endevor Bridge for Git connection options (alternatively use an 'ebg' profile)

- `--protocol` | `--prot` *(string)*

  - The Endevor Bridge for Git SCM protocol.

    Default value: http

    Allowed values: http, https

- `--host` | `-H` *(string)*

  - The Endevor Bridge for Git hostname.

- `--port` | `-P` *(number)*

  - The Endevor Bridge for Git port.

- `--user` | `-u` *(string)*

  - Endevor Bridge for Git username (your git username).

- `--token` | `-t` *(string)*

  - Git personal access token (it can be obtained from your Git Enterprise Server).

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: false

zowe › profiles › update › endevor-location-profile

The CA Endevor SCM element location, where you specify your working environment, system and subsystem

Usage

zowe profiles update endevor-location-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new endevor-location profile. You can load this profile by using the name on commands that support the "--endevor-location-profile" option.

Options

- `--instance` | `-i` *(string)*

    - The STC/datasource of the session

- `--environment` | `--env` *(string)*

    - The CA Endevor SCM environment where your project resides

- `--system` | `--sys` *(string)*

    - The CA Endevor SCM system where the element resides

- `--subsystem` | `--sub` *(string)*

    - The CA Endevor SCM subsystem where your element resides

- `--type` | `--typ` *(string)*

    - Name of the CA Endevor SCM element's type

- `--stage-number` | `--sn` *(string)*

    - The CA Endevor SCM stage where your project resides

        Allowed values: 1, 2

- `--comment` | `--com` *(string)*

    - The CA Endevor SCM comment you want to use when performing an action

- `--ccid` | `--cci` *(string)*

  - The CA Endevor SCM CCID you want to use when performing an action

- `--maxrc` *(number)*

  - The return code of CA Endevor SCM that defines a failed action

- `--override-signout` | `--os` *(boolean)*

  - Always override element signout, without having to specify the override signout option on each command

zowe › profiles › update › endevor-profile

The Endevor endevor profile schema, where you specify your endevor session information and credentials

Usage

zowe profiles update endevor-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new endevor profile. You can load this profile by using the name on commands that support the "--endevor-profile" option.

Options

- `--host` | `--hostname` *(string)*

  - The hostname of the endevor session

- `--port` | `-p` *(number)*

  - The port number of the endevor session

- `--user` | `--username` *(string)*

  - The username of the endevor session

- `--password` | `--pass` *(string)*

  - The password of the user

- `--protocol` | `--prot` *(string)*

    - The protocol used for connecting to Endevor Rest API

        Allowed values: http, https

- `--base-path` | `--bp` *(string)*

    - The base path used for connecting to Endevor Rest API

- `--reject-unauthorized` | `--ru` *(boolean)*

    - If set, the server certificate is verified against the list of supplied CAs

zowe › profiles › update › fmp-profile

CA File Master Plus profile schema.

Usage

zowe profiles update fmp-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new fmp profile. You can load this profile by using the name on commands that support the "--fmp-profile" option.

FMP Connection Options

- `--host` | `-H` *(string)*

    - Specifies CA File Master Plus server host name.

- `--port` | `-P` *(number)*

    - Specifies CA File Master Plus server port.

- `--user` | `-u` *(string)*

    - Specifies Mainframe user name. May be the same as TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Specifies Mainframe password. May be the same as TSO password.

- `--protocol` | `-o` *(string)*

  - Specifies CA File Master Plus REST API protocol.

    Allowed values: http, https

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all FMP resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

zowe › profiles › update › idms-profile

An IDMS profile is required to issue IDMS CLI commands. The IDMS profile contains your host and port information

Usage

zowe profiles update idms-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new idms profile. You can load this profile by using the name on commands that support the "--idms-profile" option.

IDMS Connection Options

- `--host` | `-H` *(string)*

  - Host name of the IDMS REST API service

- `--port` | `-P` *(number)*

  - Port for the IDMS REST API service

- `--user` | `-u` *(string)*

  - Mainframe user name, which can be the same as your TSO login ID

- `--password` | `--pass` | `--pw` *(string)*

- Mainframe password, which can be the same as your TSO password

- `--datasource` | `-d` *(string)*

  - Identifies the CA IDMS system where the API request will be sent and is defined in the data sources definition file for the IDMS REST API

- `--base-path` | `--bp` *(string)*

  - The base path for your API Mediation Layer instance. Specify this option to prepend the base path to all resources when making REST requests. Only specify this option if you are using an API Mediation Layer

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

Examples

- Update an IDMS profile called 'idms99' with a new default data source SYS100:

  - ```
    zowe profiles update idms-profile idms99 --datasource SYS100
    ```

zowe › profiles › update › ims-profile

An ims profile is used to issue commands in the ims command group that interact with IMS regions. The ims profile contains your IMS Operations API web server host, port, user name and password, IMS Connect host and port and IMS plex name.

Usage

zowe profiles update ims-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new ims profile. You can load this profile by using the name on commands that support the "--ims-profile" option.

IMS Connection Options

- `--host` | `-H` *(string)*

  - The IMS Operations API server host name.

- `--port` | `-P` *(number)*

  - The IMS Operations API server port.

- `--ims-connect-host` | `--ich` *(string)*

  - The hostname of your instance of IMS Connect. This is typically the hostname of the mainframe LPAR where IMS Connect is running.

- `--ims-connect-port` | `--icp` *(number)*

  - The port of your instance of IMS Connect. This port can be found in your IMS Connect configuration file on the mainframe.

- `--plex` | `-x` *(string)*

  - The name of the IMS plex.

- `--user` | `-u` *(string)*

  - The web server user name where the IMS Operations API resides.

- `--password` | `--pass` *(string)*

  - The web server user password where the IMS Operations API resides.

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

zowe › profiles › update › jclcheck-profile

A JCLCheck profile is required to issue commands in the jcl command group that interact with JCLCheck. The JCLCheck profile contains your host and port for the JCLCheck instance of your choice.

Usage

zowe profiles update jclcheck-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

- Specifies the name of the new jclcheck profile. You can load this profile by using the name on commands that support the "--jclcheck-profile" option.

JCLCheck Connection Options

- `--host` | `-H` *(string)*

    - Host name of the JCLCheck API service that is running on the mainframe system.

- `--port` | `-P` *(number)*

    - Port for the JCLCheck API service that is running on the mainframe system.

- `--user` | `-u` *(string)*

    - User name for authenticating connections to the JCLCheck API service that is running on the mainframe system.

- `--password` | `--pass` | `--pw` *(string)*

    - Password for authenticating connections to the JCLCheck API service that is running on the mainframe system.

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

- `--protocol` | `-o` *(string)*

    - Specifies protocol to use for JCLCheck connection (http or https).

        Allowed values: http, https

- `--jclcheck-options` | `--jo` *(string)*

    - The desired set of JCLCheck runtime options. Specify the options exactly as you would on the PARM= or OPTIONS DD on a batch run of JCLCheck. See the JCLCheck runtime options documentation for details on available runtime options. If you specify options that change the format of the JCLCheck reports, you should request '--raw-output'. Changing the format of the report will affect the ability to produce a structured API response.

zowe › profiles › update › mat-profile

CA MAT Analyze CLI profile schema.

Usage

zowe profiles update mat-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new mat profile. You can load this profile by using the name on commands that support the "--mat-profile" option.

MAT Profile Options

- `--protocol` | `--prt` *(string)*

    - Specifies the protocol defined for the CA MAT REST API server (http or https).

        Allowed values: http, https

- `--hostname` | `--hn` *(string)*

    - Specifies the hostname or IP address defined for the CA MAT REST API server (e.g. 127.0.0.0 or localhost).

- `--port` | `--pt` *(number)*

    - Specifies the server port (e.g. 8080).

- `--username` | `--user` *(string)*

    - Your mainframe username.

- `--password` | `--pass` *(string)*

    - Your mainframe password.

- `--zowediscoverable` | `--zdis` *(boolean)*

    - Specifies whether you want to use Zowe API Mediation Layer to process the commands for this profile. Set '--zowediscoverable true' only if you have configured the Zowe API Mediation Layer properties in your CA MAT REST API server settings.

        Allowed values: false, true

- `--listingDir` | `--ldir` *(string)*

    - Specifies the directory where you want to store the registered program listings (e.g. 'c:\listings') for your immediate source code inspection. You can use the advantage of automated listing registration with CA MAT and listing retrieval through CA Endevor® footprints for Cobol, C/C++, and Assembler programs. When a source program listing is registered with CA MAT, you can enhance the histogram analysis data with the program listing details that pertain to the specific CSECT and program statement. The listing is transfered to the specified directory, which enables you to navigate directly to the line of the source code in you VS Code IDE and inspect the program statement. To use the listing retrieval option through CA Endevor® footprints, you need to have the CA Endevor® Web Services installed and configured and specify the CA Endevor® web server details in the CA MAT database configuration.

zowe › profiles › update › mq-profile

An MQREST profile is required to issue commands in the MQ command group that interacts with MQSC. The mq profile contains your host, port, user name, and password for the IBM MQ System Console interface

Usage

zowe profiles update mq-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new mq profile. You can load this profile by using the name on commands that support the "--mq-profile" option.

Options

- `--host` | `-H` *(string)*

    - The MQ Rest server host name

- `--port` | `-P` *(number)*

    - Port number of your MQ REST API server

- `--user` | `-u` *(string)*

    - User name to authenticate to your MQ REST API server

- `--password` | `-p` *(string)*

  - Password to authenticate to your MQ REST API server

MQ Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

- `--protocol` | `-o` *(string)*

  - Specifies the MQ protocol (http or https).

    Allowed values: http, https

zowe › profiles › update › ops-profile

The OPS Web Services session profile schema, where you specify your session information and credentials

Usage

zowe profiles update ops-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new ops profile. You can load this profile by using the name on commands that support the "--ops-profile" option.

OPS WEB SERVICES CONNECTION OPTIONS

- `--host` *(string)*

  - The hostname of the server where OPS Web Services is running.

- `--port` | `-p` *(number)*

  - The port number for OPS Web Services.

- `--user` *(string)*

  - Your z/OS user name used to authenticate to OPS Web Services

- `--password` | `--pass` *(string)*

- Your z/OS password used to authenticate to OPS Web Services

- `--protocol` | `--prot` *(string)*

  - The protocol used for connecting to OPS Web Services

    Allowed values: http, https

- `--reject-unauthorized` | `--ru` *(boolean)*

  - If set to true, the server certificate is verified against the list of supplied CAs. If set to false, certificate verification is not performed.

- `--subsystem` | `--subs` *(string)*

  - Specifies the subsystem id of the OPS/MVS instance to which commands will be directed.

Examples

- Update an OPS profile called 'myLPAR' to connect to OPS Web Services at host lpar456:

  - `zowe profiles update ops-profile myLPAR --host lpar456`

- Update an OPS profile called 'myLPAR' to have username user101 with password Km5sv78:

  - `zowe profiles update ops-profile myLPAR --user user101 --password Km5sv78`

zowe › profiles › update › pma-profile

CA MAT Detect CLI profile schema.

Usage

zowe profiles update pma-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new pma profile. You can load this profile by using the name on commands that support the "--pma-profile" option.

PMA Connection Options

- `--job_acct` | `--ja` *(string)*

- Specifies z/OS TSO/E accounting information. Values: numeric characters (0-9)

- `--job_class` | `--jc` *(string)*

  - Your z/OS class information. Values: alphanumeric characters (A-Z, 0-9)

- `--job_mclass` | `--jmc` *(string)*

  - Specifies the MSGCLASS parameter value and assigns the job log to the specified output class. The specified MSGCLASS value is used in all JCLs that PMA runs while you execute the commands. If you do not provide the job_mclass parameter, the default MSGCLASS value is used. Values: alphanumeric characters (A-Z, 0-9)

- `--job_load` | `--jl` *(string)*

  - Specifies the PMA loadlib data set name that you defined during the PMA customization (&HLQ.CEETLOAD)

- `--job_pmahlq` | `--jph` *(string)*

  - Specifies your PMA HLQ to access the KSDSALT, KSDSJOB, and KSDSEXC VSAM files to collect the necessary data

zowe › profiles › update › rse-profile

A profile to issue commands to a z/OS system with a working Zowe REST server,Mediation Layer, or IBM RSE (Remote System Explorer) API server installation.

Usage

zowe profiles update rse-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new rse profile. You can load this profile by using the name on commands that support the "--rse-profile" option.

Zowe REST Connection Options

- `--host` | `-H` *(string)*

  - The z/OS host name running the Zowe REST API.

- `--port` | `-P` *(number)*

- The server port used by the REST API.

- `--user` | `-u` *(string)*

    - The user name for the Zowe REST API operations.

- `--password` | `--pass` *(string)*

    - The password of the user for the Zowe REST API operations.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

- `--base-path` | `--bp` *(string)*

    - The base path of the API for the REST API operations.

- `--protocol` | `--protocol` *(string)*

    - http or https, depending whether a TLS handshake is required to access REST API.

- `--encoding` | `--ec` *(string)*

    - The encoding for download and upload of z/OS data set and USS files. The encoding should be specified in the form of "IBM-1047".

zowe › profiles › update › sa-profile

Profile for System Automation Plug-in

Usage

zowe profiles update sa-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new sa profile. You can load this profile by using the name on commands that support the "--sa-profile" option.

SA CONNECTTION OPTIONS

- `--host` | `-H` *(string)*

    - Host name of the SA Operations REST API server

- `--port` | `-P` *(number)*

  - Port number of the SA Operations REST API server

- `--encrypted` | `-E` *(boolean)*

  - Encrypted (HTTPS) communication with the SA Operations REST API server

- `--user` | `-u` *(string)*

  - User name to authenticate to the SA Operations REST API server

- `--password` | `-p` *(string)*

  - Password to authenticate to the SA Operations REST API server

zowe › profiles › update › ssh-profile

z/OS SSH Profile

Usage

zowe profiles update ssh-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new ssh profile. You can load this profile by using the name on commands that support the "--ssh-profile" option.

z/OS Ssh Connection Options

- `--host` | `-H` *(string)*

  - The z/OS SSH server host name.

- `--port` | `-P` *(number)*

  - The z/OS SSH server port.

- `--user` | `-u` *(string)*

  - Mainframe user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

- Mainframe password, which can be the same as your TSO password.

- `--privateKey` | `--key` | `--pk` *(string)*

    - Path to a file containing your private key, that must match a public key stored in the server for authentication

- `--keyPassphrase` | `--passphrase` | `--kp` *(string)*

    - Private key passphrase, which unlocks the private key.

- `--handshakeTimeout` | `--timeout` | `--to` *(number)*

    - How long in milliseconds to wait for the SSH handshake to complete.

zowe › profiles › update › sysview-format-profile

The SYSVIEW format profile schema, where you specify display settings

Usage

zowe profiles update sysview-format-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new sysview-format profile. You can load this profile by using the name on commands that support the "--sysview-format-profile" option.

display options

- `--context-fields` | `--cf` *(array)*

    - Context fields to display. Defaults to hiding all context

- `--overview` | `-o` *(boolean)*

    - Display the overview section

- `--info` | `-i` *(boolean)*

    - Display the information area, if any

- `--pretty` | `-p` *(boolean)*

    - Display formatted data

- `--blank-if-zero` | `--biz` | `-b` *(boolean)*

  - Show a blank space instead of '0' values

- `--truncate` | `--tr` *(boolean)*

  - Truncate displays that are too wide for the console

Examples

- Update a SYSVIEW format profile called 'myFormat' to not display the information area.:

  - `zowe profiles update sysview-format-profile myFormat --info false`

- Update a SYSVIEW format profile called 'myFormat' to format data but not blank out '0's.:

  - `zowe profiles update sysview-format-profile myFormat -p --biz false`

zowe › profiles › update › sysview-profile

The SYSVIEW session profile schema, where you specify your session information and credentials

Usage

zowe profiles update sysview-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new sysview profile. You can load this profile by using the name on commands that support the "--sysview-profile" option.

sysview connection options

- `--host` | `-H` *(string)*

  - The hostname of the SYSVIEW REST API

- `--port` | `-P` *(number)*

  - The port number of the SYSVIEW REST API

- `--user` | `-u` *(string)*

  - Your z/OS username used to authenticate to the SYSVIEW REST API

- `--password` | `--pass` | `--pw` *(string)*

  - Your z/OS password used to authenticate to the SYSVIEW REST API

- `--reject-unauthorized` | `--ru` *(boolean)*

  - If set, the server certificate is verified against the list of supplied CAs

- `--ssid` *(string)*

  - SSID of the SYSVIEW instance. Default value: GSVX

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Do not specify this option if you are not using an API mediation layer.

Examples

- Update a SYSVIEW profile called 'myLPAR' to connect to SYSVIEW REST API at host lpar456:

  - `zowe profiles update sysview-profile myLPAR --host lpar456`

- Update a SYSVIEW profile called 'myLPAR' to have username user101 with password Km5sv78:

  - `zowe profiles update sysview-profile myLPAR --user user101 --password Km5sv78`

zowe › profiles › update › tso-profile

z/OS TSO/E User Profile

Usage

zowe profiles update tso-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new tso profile. You can load this profile by using the name on commands that support the "--tso-profile" option.

TSO ADDRESS SPACE OPTIONS

- `--account` | `-a` *(string)*

  - Your z/OS TSO/E accounting information.

- `--character-set` | `--cs` *(string)*

  - Character set for address space to convert messages and responses from UTF-8 to EBCDIC.

- `--code-page` | `--cp` *(string)*

  - Codepage value for TSO/E address space to convert messages and responses from UTF-8 to EBCDIC.

- `--columns` | `--cols` *(number)*

  - The number of columns on a screen.

- `--logon-procedure` | `-l` *(string)*

  - The logon procedure to use when creating TSO procedures on your behalf.

- `--region-size` | `--rs` *(number)*

  - Region size for the TSO/E address space.

- `--rows` *(number)*

  - The number of rows on a screen.

Examples

- Update a tso profile called myprof with new JES accounting information:

  - `zowe profiles update tso-profile myprof -a NEWACCT`

zowe › profiles › update › wa-profile

A profile for interaction with WA REST Services

Usage

zowe profiles update wa-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

- Specifies the name of the new wa profile. You can load this profile by using the name on commands that support the "--wa-profile" option.

workload-automation Connection Options

- `--host` | `-H` *(string)*

    - The Z connector server host name or API ML server host name

- `--port` | `-P` *(number)*

    - The Z connector server port or API ML server port

- `--user` | `-u` *(string)*

    - The Z connector user ID

- `--password` | `--pwd` *(string)*

    - The Z connector password

- `--engine` | `--eng` *(string)*

    - Name of the engine, as defined on the Z connector

- `--base-path` | `--bp` *(string)*

    - Base path of your API mediation layer instance. If a base path is specified, the plug-in connects to API ML. Specify this value according to the yaml static file added to API ML

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates

zowe › profiles › update › zftp-profile

Configuration profile for z/OS FTP

Usage

zowe profiles update zftp-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

- Specifies the name of the new zftp profile. You can load this profile by using the name on commands that support the "--zftp-profile" option.

Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

- `--user` | `-u` *(string)*

  - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

  - Password to authenticate to FTP.

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

  - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

zowe › profiles › update › znetview-profile

The NetView profile is the profile that you created to communicate with the NetView REST Server. It is required to use Z NetView Plug-ins, including Z NetView Base Plug-in, Z NetView Automation Plug-in and Z NetView Network Plug-in.

Usage

zowe profiles update znetview-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

    - Specifies the name of the new znetview profile. You can load this profile by using the name on commands that support the "--znetview-profile" option.

Options

- `--automation-table-file-path` | `--atfp` *(string)*

    - The path of the automation table file on the workstation where the Zowe CLI is running on.

NetView Connection Options

- `--base-path` | `--bp` *(string)*

    - The base path for your Zowe API Mediation Layer instance. Specify this option to prepend the base path to NetView REST service when making REST requests to the Zowe API Mediation Layer.

        Note: Do not specify this option if you are not using the Zowe API Mediation Layer.

- `--host` | `-H` *(string)*

    - The host name of your NetView REST Server.

- `--password` | `--pw` *(string)*

    - The password to authenticate to your NetView REST Server.

- `--port` | `-P` *(number)*

    - The port number of your NetView REST Server.

- `--token-type` | `--tt` *(string)*

- The type of the token to authenticate to your NetView REST Server. The only token type that is valid when using NetView REST Server authentication is JSESSIONID.

- `--token-value` | `--tv` *(string)*

  - The value of the token to authenticate to your NetView REST Server.

- `--user` | `-u` *(string)*

  - The user name to authenticate to your NetView REST Server.

zowe › profiles › update › zosconnect-profile

z/OS Connect EE connection profile

Usage

zowe profiles update zosconnect-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new zosconnect profile. You can load this profile by using the name on commands that support the "--zosconnect-profile" option.

Options

- `--address` | `-a` *(string)*

  - URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

  - User ID for accessing the server

- `--password` | `-p` *(string)*

  - Password for the User

- `--rejectUnauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

zowe › profiles › update › zosmf-profile

z/OSMF Profile

Usage

zowe profiles update zosmf-profile <profileName> [options]

Positional Arguments

- `profileName` *(string)*

  - Specifies the name of the new zosmf profile. You can load this profile by using the name on commands that support the "--zosmf-profile" option.

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this

option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Allowed values: http, https

Options

- `--encoding` | `--ec` *(number)*

  - The encoding for download and upload of z/OS data set and USS files. The default encoding if not specified is 1047.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Examples

- Update a zosmf profile named 'zos123' with a new username and password:

  - ```
    zowe profiles update zosmf-profile zos123 --user newuser --password newp4ss
    ```

zowe › provisioning

Perform z/OSMF provisioning tasks on Published Templates in the Service Catalog and Provisioned Instances in the Service Registry.

zowe › provisioning › delete

Deletes instance previously provisioned with z/OSMF cloud provisioning services.

zowe › provisioning › delete › instance

Deletes selected deprovisioned instance.

Usage

zowe provisioning delete instance <name> [options]

Positional Arguments

- `name` *(string)*

    - Deprovisioned Instance name.

Zosmf Connection Options

- `--host` | `-H` *(string)*

    - The z/OSMF server host name.

- `--port` | `-P` *(number)*

    - The z/OSMF server port.

        Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

- ○ Reject self-signed certificates.

  Default value: true

- `--base-path` | `--bp` *(string)*

  - ○ The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - ○ The protocol used (HTTP or HTTPS)

  Default value: https
  Allowed values: http, https

- `--cert-file` *(local file path)*

  - ○ The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - ○ The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - ○ The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - ○ The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - ○ The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - ○ The value of the token to pass to the API.

Examples

- Delete deprovisioned instance "instance1":

  - `zowe provisioning delete instance instance1`

zowe › provisioning › list

Lists z/OSMF provisioning information such as the provisioned instances from the registry, the provisioned instance details, the available provisioning templates and provisioning template details.

zowe › provisioning › list › catalog-templates

Lists the z/OSMF service catalog published templates.

Usage

zowe provisioning list catalog-templates [options]

Options

- `--all-info` | `--ai` *(boolean)*

  - Display information about published z/OSMF service catalog templates (summary information is printed by default).

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

- Reject self-signed certificates.

  Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

  Default value: https
  Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- List all published templates in the z/OSMF service catalog (with full detail):

  - ```
    zowe provisioning list catalog-templates --all-info
    ```

zowe › provisioning › list › instance-info

List details about an instance provisioned with z/OSMF.

Usage

zowe provisioning list instance-info <name> [options]

Positional Arguments

- `name` *(string)*

  - Provisioned Instance Name

Options

- `--display` *(string)*

  - Level of information to display for the provisioned instance. Possible values:

    summary - summary information, no actions or variables
    actions - (default) summary with actions, no variables
    vars - summary information with variables, no actions
    extended - extended information with actions
    full - all available information

    Allowed values: extended, summary, vars, actions, full

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

- Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- List summary information with a list of actions for an instance with the name "instance1":

  - `zowe provisioning list instance-info instance1`

- Show extended general information with actions for a provisioned instance with the name "instance1":

  - `zowe provisioning list instance-info instance1 --display extended`

zowe › provisioning › list › instance-variables

List a set of variables and their values for a given name.

Usage

zowe provisioning list instance-variables <name> [options]

Positional Arguments

- `name` *(string)*

  - Provisioned Instance Name

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

      Default value: true

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

    - The protocol used (HTTP or HTTPS)

      Default value: https
      Allowed values: http, https

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

    - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List instance variables of "instance1":

  - `zowe provisioning list instance-variables instance1`

zowe › provisioning › list › registry-instances

List the provisioned instances from the z/OSMF software registry.

Usage

zowe provisioning list registry-instances [options]

Options

- `--all-info` | `--ai` *(boolean)*

  - Display all available information about provisioned instances (summary by default).

- `--filter-by-type` | `--fbt` *(string)*

  - Filter the list of provisioned instances by type (e.g. DB2 or CICS).

- `--filter-by-external-name` | `--fben` *(string)*

  - Filter the list of provisioned instances by External Name.

- `--types` | `-t` *(boolean)*

  - Display a list of all types for provisioned instances (e.g. DB2 or CICS).

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- List all provisioned instances (with full detail):

  - ```
    zowe provisioning list registry-instances --all-info
    ```

zowe › provisioning › list › template-info

List details about a template published with z/OSMF Cloud Provisioning.

Usage

zowe provisioning list template-info <name> [options]

Positional Arguments

- `name` *(string)*

    - The name of a z/OSMF cloud provisioning template.

Options

- `--all-info` | `--ai` *(boolean)*

    - Display detailed information about published z/OSMF service catalog template (summary information is printed by default).

Zosmf Connection Options

- `--host` | `-H` *(string)*

    - The z/OSMF server host name.

- `--port` | `-P` *(number)*

    - The z/OSMF server port.

        Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--base-path` | `--bp` *(string)*

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- List summary information for template "template1":

  - `zowe provisioning list template-info template1`

zowe › provisioning › perform

Perform actions against instances provisioned with z/OSMF.

zowe › provisioning › perform › action

Perform actions on instances previously provisioned with z/OSMF cloud provisioning services. To view the list of provisioned instances, use the "zowe provisioning list registry-instances" command. Once you have obtained an instance name you can use the "zowe provisioning list instance-info <name>" command to view the available instance actions.

Usage

zowe provisioning perform action <name> <actionname> [options]

Positional Arguments

- `name` *(string)*

  - Provisioned Instance name.

- `actionname` *(string)*

  - The action name. Use the "zowe provisioning list instance-info <name>" command to view available instance actions.

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Perform the "start" action on the provisioned instance "instance1":

  - ```
    zowe provisioning perform action instance1 start
    ```

zowe › provisioning › provision

Using z/OSMF cloud provisioning services provision available templates.

zowe › provisioning › provision › template

Using z/OSMF cloud provisioning services, provision available templates.
You can view available templates using the zowe provisioning list catalog-templates command.

Usage

zowe provisioning provision template <name> [options]

Positional Arguments

- `name` *(string)*

  - The name of a z/OSMF cloud provisioning template.

Options

- `--properties` | `-p` *(string)*

  - A sequence of string enclosed "name=value" pairs of prompt variables.
    e.g: "CSQ_MQ_SSID=ZCT1,CSQ_CMD_PFX=!ZCT1".

- `--properties-file` | `--pf` *(string)*

  - Path to .yml file containing properties.

- `--domain-name` | `--dn` *(string)*

  - Required if the user has consumer authorization to more than one domain with this template name.

- `--tenant-name` | `--tn` *(string)*

  - Required if the user has consumer authorization to more than one tenant in the same domain that contains this template name.

- `--user-data-id` | `--udi` *(string)*

    - ID for the user data specified with user-data. Passed into the software services registry.

- `--user-data` | `--ud` *(string)*

    - User data that is passed into the software services registry. Can be specified only if user-data-id is provided.

- `--account-info` | `--ai` *(string)*

    - Account information to use in the JCL JOB statement. The default is the account information that is associated with the resource pool for the tenant.

- `--system-nick-names` | `--snn` *(string)*

    - Each string is the nickname of the system upon which to provision the software service defined by the template. The field is required if the resource pool associated with the tenant used for this operation is not set up to automatically select a system. Only one nickname is allowed.If the field is provided it is validated.
    e.g: "SYSNAME1,SYSNAME2".

Zosmf Connection Options

- `--host` | `-H` *(string)*

    - The z/OSMF server host name.

- `--port` | `-P` *(number)*

    - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Provision a published software service template.:

  - ```
    zowe provisioning provision template template1
    ```

zowe › rse-api-for-zowe-cli

Welcome to the IBM RSE API Plug-in for Zowe CLI!

zowe › rse-api-for-zowe-cli › auth

Connect to the RSE API Server authentication service and obtain a token. The token provides authentication to services that are supported by the RSE API. When you log in, the token is stored in your profile until it expires. Profiles store connection information, and are used if you do not supply connection information in a command. To take advantage of the token authentication service, you should omit username and password in profiles so that the token in the profile is used.

zowe › rse-api-for-zowe-cli › auth › login

Log in to an authentication service to obtain a JWT Token.

Usage

zowe rse-api-for-zowe-cli auth login [options]

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

    - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

- User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Obtain token by logging into an authentication service if username and password are not saved locally.:

  - `zowe rse-api-for-zowe-cli auth login --user IBMUSER --password PASSWORD`

zowe › rse-api-for-zowe-cli › auth › logout

Log out of the authentication service and retire the JWT Token

Usage

zowe rse-api-for-zowe-cli auth logout [options]

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

- The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › rse-api-for-zowe-cli › auth › query

Get back JWT Token information if it is not yet expired.

Usage

zowe rse-api-for-zowe-cli auth query [options]

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

    - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

zowe › rse-api-for-zowe-cli › cancel

Cancel a single job by job ID. This cancels the job if it is running or on input.

zowe › rse-api-for-zowe-cli › cancel › job

Cancel a single job by job ID

Usage

zowe rse-api-for-zowe-cli cancel job <jobid> [options]

Positional Arguments

- `jobid` *(string)*

    - The job ID (e.g. JOB00123) of the job. Job ID is a unique identifier for z/OS batch jobs -- no two jobs on one system can have the same ID. Note: z/OS allows you to abbreviate the job ID if desired. You can use, for example "J123".

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

    - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

- Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Cancel job with job ID JOB03456:

  - ```
    zowe rse-api-for-zowe-cli cancel job JOB03456
    ```

zowe › rse-api-for-zowe-cli › change

Change User Data on the Host

zowe › rse-api-for-zowe-cli › change › password

Change z/OS User Password on the Host

Usage

zowe rse-api-for-zowe-cli change password <currentPassword> <newPassword> [options]

Positional Arguments

- `currentPassword` *(string)*

    - Current password for z/OS User ID.

- `newPassword` *(string)*

    - New password for z/OS User ID. Must be 8 characters or less.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

    - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Change Password:

    - `zowe rse-api-for-zowe-cli change password currentPassword newPassword`

zowe › rse-api-for-zowe-cli › check

Confirm that RSE API is running on a specified system and gather information about the RSE API server and Address Space for diagnostic purposes. Obtain and update MVS mappings file

zowe › rse-api-for-zowe-cli › check › conversion-mappings

Download MVS mapping file.

Usage

zowe rse-api-for-zowe-cli check conversion-mappings [options]

Options

- `--force` *(boolean)*

    - This will overwrite an existing rse-mappings.json file.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

- The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › rse-api-for-zowe-cli › check › job-address-space

Display all active job address space information.

Usage

zowe rse-api-for-zowe-cli check job-address-space [options]

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › rse-api-for-zowe-cli › check › status

Confirm that RSE API is running on a system specified in your profile and gather information about the RSE API server for diagnostic purposes. The command outputs properties of the RSE API server such as version, hostname, and the port the server is running.

Usage

zowe rse-api-for-zowe-cli check status [options]

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

- ○ Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

    - ○ The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - ○ The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - ○ The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - ○ The file path to a certificate key file to use for authentication

zowe › rse-api-for-zowe-cli › check › system-address-space

Display active system address space information.

Usage

zowe rse-api-for-zowe-cli check system-address-space [options]

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

    - ○ The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - ○ The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - ○ Host name of service on the mainframe.

- `--port` | `-P` *(number)*

- Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › rse-api-for-zowe-cli › copy

Copy a data set

zowe › rse-api-for-zowe-cli › copy › data-set

Copy a data set to another data set

Usage

zowe rse-api-for-zowe-cli copy data-set <fromDataSetName> <toDataSetName> [options]

Positional Arguments

- `fromDataSetName` *(string)*

    - The name of the data set that you want to copy from

- `toDataSetName` *(string)*

    - The name of the data set that you want to copy to (partitioned data set must be preallocated to copy a member to)

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

    - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

      Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Copy the data set member named 'USER.FROM.SET(MEM1)' to the data set member named 'USER.TO.SET(MEM2)':

    - ```
      zowe rse-api-for-zowe-cli copy data-set "USER.FROM.SET(mem1)"
      "USER.TO.SET(mem2)"
      ```

- Copy the sequential data set named 'USER.FROM.PDSE' to the data set member named 'USER.TO.SETPDSE':

    - ```
      zowe rse-api-for-zowe-cli copy data-set "USER.FROM.PDSE" "USER.TO.SETPDSE"
      ```

zowe › rse-api-for-zowe-cli › create

Create data sets, data set members or uss files and directories

zowe › rse-api-for-zowe-cli › create › data-set

Create a data set based on the properties of an existing data set

Usage

zowe rse-api-for-zowe-cli create data-set <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

    - The name of the data set that you want to create

Options

- `--allocation-unit` | `--au` *(string)*

  - The allocation unit (for example, CYL for Cylinders)

- `--average-blocks` | `--ab` *(number)*

  - The number of average blocks (for example, 25)

- `--block-size` | `--bs` | `--blksize` *(number)*

  - The block size for the data set (for example, 6160)

- `--device-type` | `--dt` *(string)*

  - The device type, also known as 'unit'

- `--directory-blocks` | `--db` | `--dirblks` *(number)*

  - The number of directory blocks (for example, 25)

- `--like` | `--lk` *(string)*

  - Name of an existing data set to base your new data set's properties on

- `--primary-space` | `--ps` *(number)*

  - The primary space allocation (for example, 5)

- `--record-format` | `--rf` | `--recfm` *(string)*

  - The record format for the data set (for example, FB for "Fixed Block")

- `--record-length` | `--rl` | `--lrecl` *(number)*

  - The logical record length. Analogous to the length of a line (for example, 80)

- `--secondary-space` | `--ss` *(number)*

  - The secondary space allocation (for example, 1)

- `--show-attributes` | `-a` | `--pa` *(boolean)*

  - Show the full allocation attributes

- `--volume-serial` | `--vs` *(string)*

  - The volume serial (VOLSER) on which you want the data set to be placed. A VOLSER is analogous to a drive name on a PC.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

- The file path to a certificate key file to use for authentication

Examples

- Create a data set with default parameters and like flag:

  - `zowe rse-api-for-zowe-cli create data-set NEW.DATASET --like EXISTING.DATASET`

- Create a data set with default parameters, like flag, and lrecl flag:

  - `zowe rse-api-for-zowe-cli create data-set NEW.DATASET --like EXISTING.DATASET --lrecl 1024`

zowe › rse-api-for-zowe-cli › create › data-set-member

Create a member for a Partitioned data set.

Usage

zowe rse-api-for-zowe-cli create data-set-member <datasetMember> [options]

Positional Arguments

- `datasetMember` *(string)*

  - The name of the data set member that you want to create like so "HLQ.DATASETNAME(NEWMEMBER)".

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

- Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Create a new, empty member for a PDS.:

  - ```
    zowe rse-api-for-zowe-cli create data-set-member
    "HLQ.DATASETNAME(NEWMEMBER)"
    ```

zowe › rse-api-for-zowe-cli › create › data-set-partitioned

Create partitioned data sets (PDS)

Usage

zowe rse-api-for-zowe-cli create data-set-partitioned <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

  - The name of the data set that you want to create

Options

- `--allocation-unit` | `--au` *(string)*

  - The allocation unit (for example, CYL for Cylinders)

    Default value: TRACK

- `--average-blocks` | `--ab` *(number)*

  - The number of average blocks (for example, 25)

- `--block-size` | `--bs` | `--blksize` *(number)*

  - The block size for the data set (for example, 6160)

    Default value: 6160

- `--device-type` | `--dt` *(string)*

  - The device type, also known as 'unit'

- `--directory-blocks` | `--db` | `--dirblks` *(number)*

  - The number of directory blocks (for example, 25)

    Default value: 5

- `--primary-space` | `--ps` *(number)*

  - The primary space allocation (for example, 5)

    Default value: 1

- `--record-format` | `--rf` | `--recfm` *(string)*

  - The record format for the data set (for example, FB for "Fixed Block")

    Default value: FB

- `--record-length` | `--rl` | `--lrecl` *(number)*

- The logical record length. Analogous to the length of a line (for example, 80)

  Default value: 80

- `--secondary-space` | `--ss` *(number)*

  - The secondary space allocation (for example, 1)

    Default value: 1

- `--show-attributes` | `-a` | `--pa` *(boolean)*

  - Show the full allocation attributes

- `--volume-serial` | `--vs` *(string)*

  - The volume serial (VOLSER) on which you want the data set to be placed. A VOLSER is analogous to a drive name on a PC.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

- Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

    ○ The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    ○ The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    ○ The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    ○ The file path to a certificate key file to use for authentication

Examples

- Create an empty PDS with default parameters:

    ○ `zowe rse-api-for-zowe-cli create data-set-partitioned NEW.PDS.DATASET`

zowe › rse-api-for-zowe-cli › create › data-set-sequential

Create physical sequential data sets (PS)

Usage

zowe rse-api-for-zowe-cli create data-set-sequential <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

    ○ The name of the data set that you want to create

Options

- `--allocation-unit` | `--au` *(string)*

    ○ The allocation unit (for example, CYL for Cylinders)

Default value: CYLINDER

- `--average-blocks` | `--ab` *(number)*

  - The number of average blocks (for example, 25)

- `--block-size` | `--bs` | `--blksize` *(number)*

  - The block size for the data set (for example, 6160)

    Default value: 6160

- `--device-type` | `--dt` *(string)*

  - The device type, also known as 'unit'

- `--directory-blocks` | `--db` | `--dirblks` *(number)*

  - The number of directory blocks (for example, 25)

    Default value: 0

- `--primary-space` | `--ps` *(number)*

  - The primary space allocation (for example, 5)

    Default value: 1

- `--record-format` | `--rf` | `--recfm` *(string)*

  - The record format for the data set (for example, FB for "Fixed Block")

    Default value: FB

- `--record-length` | `--rl` | `--lrecl` *(number)*

  - The logical record length. Analogous to the length of a line (for example, 80)

    Default value: 80

- `--secondary-space` | `--ss` *(number)*

  - The secondary space allocation (for example, 1)

    Default value: 1

- `--show-attributes` | `-a` | `--pa` *(boolean)*

- Show the full allocation attributes

- `--volume-serial` | `--vs` *(string)*

  - The volume serial (VOLSER) on which you want the data set to be placed. A VOLSER is analogous to a drive name on a PC.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

- The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Create an empty physical sequential data set with default parameters:

  - `zowe rse-api-for-zowe-cli create data-set-sequential NEW.PS.DATASET`

zowe › rse-api-for-zowe-cli › create › uss-directory

Create a uss directory.

Usage

zowe rse-api-for-zowe-cli create uss-directory <ussPath> [options]

Positional Arguments

- `ussPath` *(string)*

  - The name of the directory.

Options

- `--mode` *(string)*

  - Directory permissions, ex. `rwxrw-r--`

    Default value: rwxrw-r--

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token
      type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Create a USS directory named "testDir" :

    - `zowe rse-api-for-zowe-cli create uss-directory testDir`

- Create a USS directory named "testDir" with mode "rwxrwxrwx" :

- `zowe rse-api-for-zowe-cli create uss-directory testDir -m rwxrwxrwx`

zowe › rse-api-for-zowe-cli › create › uss-file

Create a uss file.

Usage

zowe rse-api-for-zowe-cli create uss-file <ussPath> [options]

Positional Arguments

- `ussPath` *(string)*

    - The name of the file.

Options

- `--mode` *(string)*

    - File permissions, ex. `rwxrw-r--`

        Default value: rwxrw-r--

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

    - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Create a USS file named "test.ext" :

  - `zowe rse-api-for-zowe-cli create uss-file file.txt`

- Create a USS file named "text.txt" with mode "rwxrwxrwx" :

  - `zowe rse-api-for-zowe-cli create uss-file file.txt -m rwxrwxrwx`

zowe › rse-api-for-zowe-cli › delete

Delete a data set or Unix System Services file

zowe › rse-api-for-zowe-cli › delete › data-set

Delete a data set permanently

Usage

zowe rse-api-for-zowe-cli delete data-set <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

    - The name of the data set that you want to delete

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

    - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

- The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Delete the data set named 'ibmuser.cntl':

  - `zowe rse-api-for-zowe-cli delete data-set "ibmuser.cntl"`

zowe › rse-api-for-zowe-cli › delete › job

Delete a single job by job ID

Usage

zowe rse-api-for-zowe-cli delete job <jobid> [options]

Positional Arguments

- `jobid` *(string)*

  - The job ID (e.g. JOB00123) of the job. Job ID is a unique identifier for z/OS batch jobs -- no two jobs on one system can have the same ID. Note: z/OS allows you to abbreviate the job ID if desired. You can use, for example "J123".

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Delete job with job ID JOB03456.:

  - ```
    zowe rse-api-for-zowe-cli delete job JOB03456
    ```

zowe › rse-api-for-zowe-cli › delete › uss-file

Delete a Unix Systems Services (USS) File or directory permanently

Usage

zowe rse-api-for-zowe-cli delete uss-file <fileName> [options]

Positional Arguments

- `fileName` *(string)*

    - The name of the file or directory that you want to delete

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

    - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

- The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Delete the directory '/u/ibmuser/testcases':

  - `zowe rse-api-for-zowe-cli delete uss-file "/a/ibmuser/testcases"`

- Delete the file named '/a/ibmuser/my_text.txt':

  - `zowe rse-api-for-zowe-cli delete uss-file "/a/ibmuser/testcases/my_text.txt"`

zowe › rse-api-for-zowe-cli › download

Download content from z/OS data sets, USS files, and JOB Output to your PC.

zowe › rse-api-for-zowe-cli › download › all-members

Download all members from a partitioned data set to a local folder

Usage

zowe rse-api-for-zowe-cli download all-members <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

  - The name of the data set from which you want to download members

Options

- `--binary` | `-b` *(boolean)*

  - Download the file content in binary mode, which means that no data conversion is performed. The data transfer process returns each line as-is, without translation. No delimiters are added between records.

- `--directory` | `-d` *(string)*

  - The directory to where you want to save the members. The command creates the directory for you when it does not already exist. By default, the command creates a folder structure based on the data set qualifiers. For example, the data set ibmuser.new.cntl's members are downloaded to ibmuser/new/cntl).

- `--encoding` | `--ec` *(string)*

  - Upload the file content with encoding mode, which means that data conversion is performed using the file encoding specified.

- `--extension` | `-e` *(string)*

  - Save the local files with a specified file extension. For example, .txt. Or "" for no extension. When no extension is specified, .txt is used as the default file extension.

- `--mappings-file` | `--maps` *(string)*

  - Location of an alternate MVS Mappings file.

- `--volume-serial` | `--vs` *(string)*

  - The volume serial (VOLSER) where the data set resides. You can use this option at any time. However, the VOLSER is required only when the data set is not cataloged on the system. A VOLSER is analogous to a drive name on a PC.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Download the members of the data set "ibmuser.loadlib" to the directory "loadlib/":

  - `zowe rse-api-for-zowe-cli download all-members "ibmuser.loadlib" -d loadlib`

- Download the members of the data set "ibmuser.cntl" as a .jcl to the directory "jcl/":

  - `zowe rse-api-for-zowe-cli download all-members "ibmuser.cntl" -e .jcl -d jcl`

- Download the members of the data set "ibmuser.cntl" as binary.:

  - `zowe rse-api-for-zowe-cli download all-members "ibmuser.cntl" -b`

zowe › rse-api-for-zowe-cli › download › data-set

Download content from a z/OS data set to a local file

Usage

zowe rse-api-for-zowe-cli download data-set <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

  - The name of the data set that you want to download

Options

- `--binary` | `-b` *(boolean)*

  - Download the file content in binary mode, which means that no data conversion is performed. The data transfer process returns each line as-is, without translation. No delimiters are added between records.

- `--encoding` | `--ec` *(string)*

  - Upload the file content with encoding mode, which means that data conversion is performed using the file encoding specified.

- `--extension` | `-e` *(string)*

  - Save the local files with a specified file extension. For example, .txt. Or "" for no extension. When no extension is specified, .txt is used as the default file extension.

- `--file` | `-f` *(string)*

  - The path to the local file where you want to download the content. When you omit the option, the command generates a file name automatically for you.

- `--mappings-file` | `--maps` *(string)*

  - Location of an alternate MVS Mappings file.

- `--volume-serial` | `--vs` *(string)*

  - The volume serial (VOLSER) where the data set resides. You can use this option at any time. However, the VOLSER is required only when the data set is not cataloged on the system. A VOLSER is analogous to a drive name on a PC.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

- The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Download the data set "ibmuser.loadlib(main)" to the local file "main.obj".:

  - `zowe rse-api-for-zowe-cli download data-set "ibmuser.loadlib(main)" -f main.obj`

- Download the data set "ibmuser.loadlib(main)" to the local file "main.obj" in binary mode.:

  - `zowe rse-api-for-zowe-cli download data-set "ibmuser.loadlib(main)" -b "./main.obj"`

zowe › rse-api-for-zowe-cli › download › output

Download all job output to a local directory. Each spool DD will be downloaded to its own file in the directory.

Usage

zowe rse-api-for-zowe-cli download output <jobid> [options]

Positional Arguments

- `jobid` *(string)*

  - The z/OS JOBID of the job containing the spool files you want to view. No pre-validation of the JOBID is performed.

Options

- `--directory` | `-d` | `--dir` *(string)*

  - The local directory you would like to download the output for the job to.

- `--extension` | `-e` *(string)*

  - A file extension to save the job output with. Defaults to '.txt'.

- `--omit-jobid-directory` | `--ojd` *(boolean)*

  - If specified, job output will be saved directly to the specified directory rather than creating a subdirectory named after the ID of the job.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Download all the output of the job with job ID JOB00234 to an automatically generated directory.:

    - `zowe rse-api-for-zowe-cli download output JOB00234`

zowe › rse-api-for-zowe-cli › download › uss-file

Download content from a USS file to a local file on your PC

Usage

zowe rse-api-for-zowe-cli download uss-file <ussFileName> [options]

Positional Arguments

- `ussFileName` *(string)*

    - The name of the USS file you want to download

Options

- `--binary` | `-b` *(boolean)*

    - Download the file content in binary mode, which means that no data conversion is performed. The data transfer process returns each line as-is, without translation. No delimiters are added between records.

- `--encoding` | `--ec` *(string)*

    - Upload the file content with encoding mode, which means that data conversion is performed using the file encoding specified.

- `--file` | `-f` *(string)*

    - The path to the local file where you want to download the content. When you omit the option, the command generates a file name automatically for you.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

    - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Download the file "/a/ibmuser/my_text.txt" to "./my_text.txt":

    - `zowe rse-api-for-zowe-cli download uss-file "/a/ibmuser/my_text.txt" -f "./my_text.txt"`

- Download the file "/a/ibmuser/my_text.txt" to "./my_text.txt" in binary mode:

  - ```
    zowe rse-api-for-zowe-cli download uss-file "/a/ibmuser/my_text.txt" -b -f
    "./my_text.txt"
    ```

zowe › rse-api-for-zowe-cli › issue

Issue TSO and UNIX commands

zowe › rse-api-for-zowe-cli › issue › command

Creates a TSO address space, issues a TSO command through the newly createdaddress space, waits for the READY prompt to print the response, and terminatesthe TSO address space. All response data are returned to the user up to (but notincluding) the TSO 'READY' prompt.

Usage

zowe rse-api-for-zowe-cli issue command <commandText> [options]

Positional Arguments

- `commandText` *(string)*

  - The TSO command to issue.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Issue the TSO command "status" to display information about jobs for your user ID:

  - `zowe rse-api-for-zowe-cli issue command "status"`

zowe › rse-api-for-zowe-cli › issue › unix

issues a UNIX command

Usage

zowe rse-api-for-zowe-cli issue unix <commandText> [options]

Positional Arguments

- `commandText` *(string)*

    - The UNIX command to issue.

Required Options

- `--cwd` *(string)*

    - Working directory in which to execute the command.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

    - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Issue the UNIX command "ls" to display a list of items in the directory:

  - ```
    zowe rse-api-for-zowe-cli issue unix "ls" --cwd "/u/ibmuser"
    ```

zowe › rse-api-for-zowe-cli › list

List uss file and folders, data sets and data set members, or jobs and spool files. Optionally, you can list their details and attributes.

zowe › rse-api-for-zowe-cli › list › all-members

List all members of a partitioned data set. To view additional information about each member, use the --attributes option under the Options section of this help text.

Usage

zowe rse-api-for-zowe-cli list all-members <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

  - The name of the data set for which you want to list the members

Options

- `--pattern` | `-p` *(string)*

  - Pattern for member filter search.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Show members of the data set "ibmuser.asm":

  - `zowe rse-api-for-zowe-cli list all-members "ibmuser.asm"`

zowe › rse-api-for-zowe-cli › list › data-set

List data sets that match a pattern in the data set name

Usage

zowe rse-api-for-zowe-cli list data-set <filter> [options]

Positional Arguments

- `filter` *(string)*

  - The name or pattern of the data set that you want to list

Options

- `--attributes` | `-a` *(boolean)*

  - Display more information about each member. Data sets with an undefined record format display information related to executable modules. Variable and fixed block data sets display information about when the members were created and modified.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Show the data set "ibmuser.asm":

    - `zowe rse-api-for-zowe-cli list data-set "ibmuser.asm"`

- Show attributes of the data set "ibmuser.cntl":

    - `zowe rse-api-for-zowe-cli list data-set "ibmuser.cntl" -a`

- Show all data sets of the user "ibmuser":

    - `zowe rse-api-for-zowe-cli list data-set "ibmuser.*"`

- Show attributes of all data sets of the user "ibmuser":

    - `zowe rse-api-for-zowe-cli list data-set "ibmuser.*" -a`

zowe › rse-api-for-zowe-cli › list › jobs

List jobs on JES spool/queues. By default, the command lists jobs owned (owner) by the user specified in your profile. The default for prefix is "*". The default status is ALL. The command does not prevalidate your user ID. The command surfaces errors verbatim from the Jobs REST endpoints.

Usage

zowe rse-api-for-zowe-cli list jobs [options]

Options

- `--owner` | `-o` *(string)*

  - Specify the owner of the jobs you want to list. The owner is the individual/user who submitted the job OR the user ID assigned to the job. The command does not prevalidate the owner. You can specify a wildcard according to the Jobs REST endpoint documentation, which is usually in the form "USER*".

- `--prefix` | `-p` *(string)*

  - Specify the job name prefix of the jobs you want to list. The command does not prevalidate the owner. You can specify a wildcard according to the Jobs REST endpoint documentation, which is usually in the form "JOB*".

- `--status` | `-s` *(string)*

  - Specify if you want to list ALL jobs or only ACTIVE, OUTPUT, or INPUT jobs.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all jobs with default settings. The command returns jobs owned by your user ID with any job name:

  - `zowe rse-api-for-zowe-cli list jobs`

- List all ACTIVE jobs owned by user IDs starting with 'ibmu' and job names starting with 'myjo':

  - `zowe rse-api-for-zowe-cli list jobs -o "ibmu*" -p "myjo*" -s "ACTIVE"`

- List all jobs with default owner and prefix settings, displaying only the job ID of each job:

  - `zowe rse-api-for-zowe-cli list jobs --rff jobid --rft table`

zowe › rse-api-for-zowe-cli › list › spool-files-by-jobid

Given a z/OS job JOBID, list the spool files (DDs) for a z/OS job on the JES/spool queues. The command does not pre-validate the JOBID. The command presents errors verbatim from the RSE API Jobs REST endpoints.

Usage

zowe rse-api-for-zowe-cli list spool-files-by-jobid <jobid> [options]

Positional Arguments

- `jobid` *(string)*

- The z/OS JOBID of the job with the spool files you want to list. No pre-validation of the JOBID is performed.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

    - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

- The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

    - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

    - The command response output format type. Must be one of the following:

      table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

      list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

      object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

      string: Formats output data as a string. JSON objects/arrays are stringified.

      Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

    - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List the spool files of the job with JOBID JOB00123:

    - `zowe rse-api-for-zowe-cli list spool-files-by-jobid job00123`

zowe › rse-api-for-zowe-cli › list › uss-files

List USS files and directories in a UNIX file path

Usage

zowe rse-api-for-zowe-cli list uss-files <path> [options]

Positional Arguments

- `path` *(string)*

    - The directory containing the files and directories to be listed

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

    - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Show the files and directories in path '/u/ibmuser':

- ```
    zowe rse-api-for-zowe-cli list uss-files "/u/ibmuser"
    ```

zowe › rse-api-for-zowe-cli › migrate

Migrate data sets.

zowe › rse-api-for-zowe-cli › migrate › data-set

Migrate a data set.

Usage

zowe rse-api-for-zowe-cli migrate data-set <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

  - The name of the data set you want to migrate.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

- Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Migrate a data set using default options:

  - ```
    zowe rse-api-for-zowe-cli migrate data-set "USER.DATA.SET"
    ```

zowe › rse-api-for-zowe-cli › recall

Recall migrated data sets.

zowe › rse-api-for-zowe-cli › recall › data-set

Recall a migrated data set.

Usage

zowe rse-api-for-zowe-cli recall data-set <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

- The name of the data set you want to recall.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Recall a data set using default options:

  - ```
    zowe rse-api-for-zowe-cli recall data-set "USER.DATA.SET"
    ```

zowe › rse-api-for-zowe-cli › rename

Rename a Data set, Data set member,File or Directory

zowe › rse-api-for-zowe-cli › rename › data-set

Rename a Data Set.

Usage

zowe rse-api-for-zowe-cli rename data-set <dataSetName> <name> [options]

Positional Arguments

- `dataSetName` *(string)*

  - Existing data set name including HLQ.

- `name` *(string)*

  - New name of data set

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

- Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Rename a Data Set name to a new name.:

  - ```
    zowe rse-api-for-zowe-cli rename data-set "hlq.dataSetName"
    "hlq.newDataSetName"
    ```

zowe › rse-api-for-zowe-cli › rename › data-set-member

Rename a Data Set Member.

Usage

zowe rse-api-for-zowe-cli rename data-set-member <dataSetMemberName> <name> [options]

Positional Arguments

- `dataSetMemberName` *(string)*

  - Existing Data Set Member name including HLQ.

- `name` *(string)*

  - New name of data set member

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Rename a Data Set Member name to a new name.:

  - ```
    zowe rse-api-for-zowe-cli rename data-set-member
    "hlq.dataSetName(memberName)" "newMemberName"
    ```

zowe › rse-api-for-zowe-cli › rename › uss-file

Rename a Unix File or Directory.

Usage

zowe rse-api-for-zowe-cli rename uss-file <path> <name> [options]

Positional Arguments

- `path` *(string)*

  - Existing Unix File or Directory Path.

- `name` *(string)*

  - New name of Unix File or Directory.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Rename Unix file "fileName" to "newFileName".:

```
zowe rse-api-for-zowe-cli rename uss-file "/u/ibmuser/fileName"
"newFileName"
```

zowe › rse-api-for-zowe-cli › submit

Submit jobs (JCL) contained in data sets.

zowe › rse-api-for-zowe-cli › submit › data-set

Submit a job (JCL) contained in a data set. The data set may be of type physical sequential or a PDS member. The command does not pre-validate the data set name. The command presents errors verbatim from the Jobs REST endpoints. For more information about Jobs API errors, see the Jobs API REST documentation.

Usage

zowe rse-api-for-zowe-cli submit data-set <dataset> [options]

Positional Arguments

- `dataset` *(string)*

  - The z/OS data set containing the JCL to submit. You can specify a physical sequential data set (for example, "DATA.SET") or a partitioned data set qualified by a member (for example, "DATA.SET(MEMBER)").

Options

- `--wait-for-output` | `--wfo` *(boolean)*

  - Wait for the job to enter OUTPUT status before completing the command.

- `--wait-for-active` | `--wfa` *(boolean)*

  - Wait for the job to enter ACTIVE status before completing the command.

- `--view-all-spool-content` | `--vasc` *(boolean)*

  - Print all spool output. If you use this option you will wait the job to complete.

- `--directory` | `-d` *(string)*

  - The local directory you would like to download the output of the job. Creates a subdirectory using the jobID as the name and files are titled based on DD names. If you use this option you will wait the job to complete.

- `--extension` | `-e` *(string)*

  - A file extension to save the job output with. Default is '.txt'.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

- The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Submit the JCL in the data set "ibmuser.cntl(deploy)":

  - `zowe rse-api-for-zowe-cli submit data-set "ibmuser.cntl(deploy)"`

- Submit the JCL in the data set "ibmuser.cntl(deploy)", wait for the job to complete and print all output from the job:

- `zowe rse-api-for-zowe-cli submit data-set "ibmuser.cntl(deploy)" --vasc`

zowe › rse-api-for-zowe-cli › submit › local-file

Submit a job (JCL) contained in a local file. The command presents errors verbatim from the Jobs REST endpoints. For more information about Jobs API errors, see the Jobs API REST documentation.

Usage

zowe rse-api-for-zowe-cli submit local-file <localFile> [options]

Positional Arguments

- `localFile` *(string)*

  - The local file containing the JCL to submit.

Options

- `--view-all-spool-content` | `--vasc` *(boolean)*

  - Print all spool output. If you use this option you will wait the job to complete.

- `--wait-for-output` | `--wfo` *(boolean)*

  - Wait for the job to enter OUTPUT status before completing the command.

- `--wait-for-active` | `--wfa` *(boolean)*

  - Wait for the job to enter ACTIVE status before completing the command.

- `--directory` | `-d` *(string)*

  - The local directory you would like to download the output of the job. Creates a subdirectory using the jobID as the name and files are titled based on DD names. If you use this option you will wait the job to complete.

- `--extension` | `-e` *(string)*

  - A file extension to save the job output with. Default is '.txt'.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

- The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Submit the JCL in the file "iefbr14.txt":

  - ```
    zowe rse-api-for-zowe-cli submit local-file "iefbr14.txt"
    ```

zowe › rse-api-for-zowe-cli › submit › stdin

Submit a job (JCL) passed to the command via the stdin stream. The command presents errors verbatim from the Jobs REST endpoints. For more information about Jobs API errors, see the Jobs API REST documentation.

Usage

zowe rse-api-for-zowe-cli submit stdin [options]

Options

- `--view-all-spool-content` | `--vasc` *(boolean)*

  - Print all spool output. If you use this option you will wait the job to complete.

- `--wait-for-output` | `--wfo` *(boolean)*

  - Wait for the job to enter OUTPUT status before completing the command.

- `--wait-for-active` | `--wfa` *(boolean)*

  - Wait for the job to enter ACTIVE status before completing the command.

- `--directory` | `-d` *(string)*

  - The local directory you would like to download the output of the job. Creates a subdirectory using the jobID as the name and files are titled based on DD names. If you use this option you will wait the job to complete.

- `--extension` | `-e` *(string)*

  - A file extension to save the job output with. Default is '.txt'.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

- - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Submit the JCL using stdin from the command: cat "iefbr14.txt", and then wait for the job to enter OUTPUT status before completing the command:

  - `cat "iefbr14.txt" | zowe rse-api-for-zowe-cli submit stdin --wait-for-output`

- Submit the JCL using stdin from the command: cat "iefbr14.txt", and then printing all spool output:

  - `cat "iefbr14.txt" | zowe rse-api-for-zowe-cli submit stdin --vasc`

zowe › rse-api-for-zowe-cli › upload

Upload the contents of a file to z/OS data sets or to uss

zowe › rse-api-for-zowe-cli › upload › dir-to-pds

Upload files from a local directory to a partitioned data set (PDS)

Usage

zowe rse-api-for-zowe-cli upload dir-to-pds <inputdir> <dataSetName> [options]

Positional Arguments

- `inputdir` *(string)*

  - The path for a local directory that you want to upload to a PDS

- `dataSetName` *(string)*

  - The name of the partitioned data set to which you want to upload the files

Options

- `--binary` | `-b` *(boolean)*

- Data content in binary mode, which means that no data conversion is performed. The data transfer process returns each record as-is, without translation. No delimiters are added between records.

- `--encoding` | `--ec` *(string)*

  - Upload the file content with encoding mode, which means that data conversion is performed using the file encoding specified.

- `--mappings-file` | `--maps` *(string)*

  - Location of an alternate MVS Mappings file.

- `--migrated-recall` | `--mr` *(string)*

  - The method by which migrated data set is handled. By default, a migrated data set is recalled synchronously. You can specify the following values: wait, nowait, error

    Default value: nowait

- `--volume-serial` | `--vs` *(string)*

  - The volume serial (VOLSER) where the data set resides. You can use this option at any time. However, the VOLSER is required only when the data set is not cataloged on the system. A VOLSER is analogous to a drive name on a PC.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

- User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Upload a directory named "src" to a PDS named "ibmuser.src":

  - `zowe rse-api-for-zowe-cli upload dir-to-pds "src" "ibmuser.src"`

- Upload a directory named "src" to a migrated PDS named "ibmuser.src" and wait for it to be recalled:

  - `zowe rse-api-for-zowe-cli upload dir-to-pds "src" "ibmuser.src" --mr wait`

zowe › rse-api-for-zowe-cli › upload › dir-to-uss

Upload a local directory to a USS directory.

An optional .zosattributes file in the source directory can be used to control file conversion and tagging.

An example .zosattributes file:

pattern local-encoding remote-encoding
Don't upload the node_modules directory
.* -
*.jpg binary binary
Convert CICS Node.js profiles to EBCDIC
*.profile ISO8859-1 EBCDIC

Lines starting with the '#' character are comments. Each line can specify up to three positional attributes:

- A pattern to match a set of files. Pattern-matching syntax follows the same rules as those that apply in .gitignore files (note that negated patterns that begin with '!' are not supported). See https://git-scm.com/docs/gitignore#_pattern_format.
  local-encoding, * A local-encoding to identify a file's encoding on the local workstation. If '-' is specified for files that match the pattern are not transferred.
- A remote-encoding to specify the file's desired character set on USS. This attribute must either match the local encoding or be set to EBCDIC. If set to EBCDIC, files are transferred in text mode and converted, otherwise they are transferred in binary mode. Remote files are tagged either with the remote encoding or as binary.

Due to a limitation, files that are transferred in text mode are converted to the default EBCDIC code page on the z/OS system. Therefore the only EBCDIC code page to specify as the remote encoding is the default code page for your system.

A .zosattributes file can either be placed in the top-level directory you want to upload, or its location can be specified by using the --attributes parameter. .zosattributes files that are placed in nested directories are ignored.

Usage

zowe rse-api-for-zowe-cli upload dir-to-uss <inputDir> <USSDir> [options]

Positional Arguments

- `inputDir` *(string)*

  - The local directory path that you want to upload to a USS directory

- `USSDir` *(string)*

  - The name of the USS directory to which you want to upload the local directory

Options

- `--attributes` | `--attrs` *(string)*

  - Path of an attributes file to control how files are uploaded

- `--binary` | `-b` *(boolean)*

  - Data content in binary mode, which means that no data conversion is performed. The data transfer process returns each record as-is, without translation. No delimiters are added between records.

- `--encoding` | `--ec` *(string)*

  - Upload the file content with encoding mode, which means that data conversion is performed using the file encoding specified.

- `--max-concurrent-requests` | `--mcr` *(number)*

  - Specifies the maximum number of concurrent REST API requests to upload files. Increasing the value results in faster uploads. However, increasing the value increases resource consumption on z/OS and can be prone to errors caused by making too many concurrent requests. If the upload process encounters an error, the following message displays:
    The maximum number of TSO address spaces have been created. When you specify 0, Zowe CLI attempts to upload all members at once without a maximum number of concurrent requests.

    Default value: 1

- `--recursive` | `-r` *(boolean)*

  - Upload all directories recursively.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

- Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Upload all files from the "local_dir" directory to the "/a/ibmuser/my_dir" USS directory:":

    - `zowe rse-api-for-zowe-cli upload dir-to-uss "local_dir" "/a/ibmuser/my_dir"`

- Upload all files from the "local_dir" directory and all its sub-directories, to the "/a/ibmuser/my_dir" USS directory::

    - `zowe rse-api-for-zowe-cli upload dir-to-uss "local_dir" "/a/ibmuser/my_dir" --recursive`

zowe › rse-api-for-zowe-cli › upload › file-to-data-set

Upload the contents of a file to a z/OS data set

Usage

zowe rse-api-for-zowe-cli upload file-to-data-set <inputfile> <dataSetName> [options]

Positional Arguments

- `inputfile` *(string)*

    - The local file that you want to upload to a data set

- `dataSetName` *(string)*

    - The name of the data set to which you want to upload the file

Options

- `--binary` | `-b` *(boolean)*

    - Data content in binary mode, which means that no data conversion is performed. The data transfer process returns each record as-is, without translation. No delimiters are added between records.

- `--encoding` | `--ec` *(string)*

    - Upload the file content with encoding mode, which means that data conversion is performed using the file encoding specified.

- `--mappings-file` | `--maps` *(string)*

    - Location of an alternate MVS Mappings file.

- `--volume-serial` | `--vs` *(string)*

    - The volume serial (VOLSER) where the data set resides. You can use this option at any time. However, the VOLSER is required only when the data set is not cataloged on the system. A VOLSER is analogous to a drive name on a PC.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

    - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Upload file contents to a sequential data set named "ibmuser.ps":

- `zowe rse-api-for-zowe-cli upload file-to-data-set "file.txt" "ibmuser.ps"`

- Upload file contents to a PDS member named "ibmuser.pds(mem)":

  - `zowe rse-api-for-zowe-cli upload file-to-data-set "file.txt" "ibmuser.pds(mem)"`

zowe › rse-api-for-zowe-cli › upload › file-to-uss

Upload content to a USS file from local file

Usage

zowe rse-api-for-zowe-cli upload file-to-uss <inputfile> <USSFileName> [options]

Positional Arguments

- `inputfile` *(string)*

  - The local file that you want to upload to a USS file

- `USSFileName` *(string)*

  - The name of the USS file to which you want to upload the file

Options

- `--binary` | `-b` *(boolean)*

  - Data content in binary mode, which means that no data conversion is performed. The data transfer process returns each record as-is, without translation. No delimiters are added between records.

- `--encoding` | `--ec` *(string)*

  - Upload the file content with encoding mode, which means that data conversion is performed using the file encoding specified.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Upload to the USS file "/a/ibmuser/my_text.txt" from the file "file.txt":

- ```
  zowe rse-api-for-zowe-cli upload file-to-uss "file.txt"
  "/a/ibmuser/my_text.txt"
  ```

zowe › rse-api-for-zowe-cli › view

View details of z/OS jobs on spool/JES queues.

zowe › rse-api-for-zowe-cli › view › job-status-by-jobid

View status details of a single z/OS job on spool/JES queues. The command does not prevalidate the JOBID. The command presents errors verbatim from the Jobs REST endpoints (expect for "no jobs found").

Usage

zowe rse-api-for-zowe-cli view job-status-by-jobid <jobid> [options]

Positional Arguments

- `jobid` *(string)*

  - The z/OS JOBID of the job you want to view. No prevalidation of the JOBID is performed.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

- ○ User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - ○ Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - ○ Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - ○ The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - ○ The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - ○ The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - ○ The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - ○ Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - ○ The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- View status and other details of the job with the job ID JOB00123:

  - `zowe rse-api-for-zowe-cli view job-status-by-jobid j123`

- Print only the status (for example, "OUTPUT" or "ACTIVE") of the job with the job ID JOB00123:

  - `zowe rse-api-for-zowe-cli view job-status-by-jobid j123 --rff status --rft string`

zowe › rse-api-for-zowe-cli › view › spool-file-by-id

View the contents of a spool file from a z/OS job on spool/JES queues. The command does not pre-validate the JOBID or spool ID. The command presents errors verbatim from the Jobs REST endpoints.

Usage

zowe rse-api-for-zowe-cli view spool-file-by-id <jobid> <spoolfileid> [options]

Positional Arguments

- `jobid` *(string)*

  - The z/OS JOBID of the job containing the spool file you want to view. No pre-validation of the JOBID is performed.

- `spoolfileid` *(number)*

- The spool file ID number for the spool file to view. Use the "zowe rse list spool-files-by-jobid" command to obtain spool ID numbers.No pre-validation of the ID is performed.

Profile Options

- `--rse-profile` | `--rse-p` *(string)*

  - The name of a (rse) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

- The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- View the spool file with ID 4 for the job with job ID JOB00123:

    - `zowe rse-api-for-zowe-cli view spool-file-by-id JOB00123 4`

zowe › secure-credential-store

Store credentials securely in profiles by encrypting them

zowe › secure-credential-store › revert

Reverts all secure profiles to be stored in plain text

Usage

zowe secure-credential-store revert [options]

Required Options

- `--for-sure` | `-f` *(boolean)*

  - Specify this option to confirm that you want to revert all credentials to be stored insecurely.

zowe › secure-credential-store › update

Updates all plain text profiles to be securely stored

Usage

zowe secure-credential-store update [options]

zowe › system-automation

Interact with SA Operations REST API of IBM Z System Automation.

You need to configure and start the "SA Operations REST Server".

First steps:

- Create a Zowe Profile with connection information to your Z SA Operations REST Server.
Use the command "zowe profiles create sa" and specify the required options.

- For more help of creating a profile issue "zowe profiles create sa --help".

- Make sure one sa profile is set as default profile.
Use command "zowe profiles set-default sa --help" for more information.

- For a list of possible command issue: "zowe sa --help"

zowe › system-automation › activate

Activate a setting or configuration from stored configuration data

zowe › system-automation › activate › policy

Updates all SAPlex members (Automation Manager and -Agents) with the definition that is stored in the specified policy dataset.
Using '*' as policyName causes a refresh of current policy.

Requires (min.): SA Operations API 1.1.0

Following Success Messages can be returned by this command:
SACLI001100 - Policy activation with {PolicyDatasetName} has been requested
SACLI001110 - Re-Activation of current active policy has been requested

Usage

zowe system-automation activate policy [options]

Options

- `--policyName` *(string)*

    ○ The name of the dataset that contains the policy

- `--reactivate` | `-*` *(boolean)*

  - Activate current active policy again

- `--suspendFileOption` | `--susp` *(string)*

  - Enables the suspend file option

    Default value: NOSUSPEND
    Allowed values: NOSUSPEND, FORCESUSPEND

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

  - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Re-activate the current active policy:

  - `zowe system-automation activate policy *`

- Activate the policy specified by the dataset USER.POLICIES.SACNTL with option FORCESUSPEND:

  - `zowe system-automation activate policy --policyName USER.POLICIES.SACNTL --suspendFileOption=FORCESUSPEND`

zowe › system-automation › create

Create an object from template

zowe › system-automation › create › resource

Create a dynamic resource from template

Requires (min.): SA Operations API 1.0.0

Following Success Message can be returned by this command:
SACLI002100 - Dynamic resource {ResourceName} has been created from template {TemplateName}

Usage

zowe system-automation create resource [options]

Options

- `--template` *(string)*

  - The name of template to be used for creation of the resource

- `--id` *(string)*

  - The ID of the template to be used for creation of the resource

- `--name` *(string)*

  - This is subsystem name of the new resource. It will normally be taken as the resource name as it is shown for example in the list resources command

- `--job` *(string)*

  - This is the job name

- `--system` *(string)*

  - The system where to create the resource

- `--subsystem` *(string)*

  - The subsystem name of the resource to be created

- `--sdesc` *(string)*

  - Specifies the short descrcription for the resource to be created

- `--group` *(string)*

  - This is the name of the resource group (APG) that will host the new resource as group member

- `--procedure` *(string)*

  - Specifies the procedure name of the new resource

- `--comment` *(string)*

  - This comment will be associated to this creation request

- `--path` *(string)*

  - Specified the USS path and command to start the application represented by this resource

- `--filter` *(string)*

  - This filter is used to monitor the USS process represented by this resource

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

  - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

- The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Create a resource with (subsys)name <SUBS_NAME> from template with name <TEMPLATE_NAME> on system <SYS_NAME>:

  - `zowe system-automation create resource --template=TEMPLATE_NAME --name=SUBS_NAME --system=SYS_NAME`

- Create a resource with (subsys)name <SUBS_NAME> from template with ID <TEMPLATE_ID> on system <SYS_NAME>:

  - `zowe system-automation create resource --id=TEMPLATE_ID --name=SUBS_NAME --system=SYS_NAME`

zowe › system-automation › delete

Delete requests or dynamic resource instance that exist in the SAplex

zowe › system-automation › delete › request

Delete (cancel) a request.

Requires (min.): SA Operations API 1.1.0

Following Success Message can be returned by this command:
SACLI003200 - {Action} request on {ResourceName} from source {Source} has been deleted

Usage

zowe system-automation delete request [options]

Options

- `--id` *(string)*

  - The ID of the request.

- `--name` *(string)*

- The name of the resource on which a request with this source is placed. It is possible to use the syntax <NAME>/<TYPE>/<SYSTEM>.

- `--type` *(string)*

  - The type of the resource on which a request with this source is placed

    Allowed values: APL, APG, SYS, MTR, GRP, SYG, DMN, REF

- `--system` *(string)*

  - The system hosting the resource on which a request with this source is placed

- `--source` *(string)*

  - The source of the request that has to be deleted

    Allowed values: INGAPI, OPERATOR

- `--userid` *(string)*

  - The user ID of the request that has to be deleted

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

  - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

- Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Delete the request from source INGAPI on resource with name <RESOURCE_NAME>. It is possible to use the syntax <NAME>/<TYPE>/<SYSTEM>:

  - `zowe system-automation delete request --name=RESOURCE_NAME`

- Delete the request from source INGAPI on resource specifying name, type and system:

  - `zowe system-automation delete request --name=RESOURCE_NAME --type=RESOURCE_TYPE --system=RESOURCE_SYSTEM`

- Deletes the request with <REQ_ID>. Use the ID that is displayed in "zowe sa list requests --showid":

  - `zowe system-automation delete request --id=REQ_ID`

zowe › system-automation › delete › resource

Delete a resource instance created from template (dynamic resource)

Requires (min.): SA Operations API 1.0.0

Following Success Message can be returned by this command:
SACLI003100 - Resource {ResourceName} has been deleted

Usage

zowe system-automation delete resource [options]

Options

- `--id` *(string)*

    - The ID of the dynamic resource to delete

- `--name` *(string)*

    - The name of the dynamic resource to delete. It is possible to use the syntax <NAME>/<TYPE>/<SYSTEM>.

- `--type` *(string)*

    - The type of the resource to delete

        Allowed values: APL, APG, SYS, MTR, GRP, SYG, DMN, REF

- `--system` *(string)*

    - The system of the resource to delete

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

    - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Delete a dynamic resource with (subsys)name <SUBS_NAME>. Use the name that is displayed in "zowe sa list resources".
  It is possible to use the syntax <NAME>/<TYPE>/<SYSTEM>.:

  - `zowe system-automation delete resource --name=SUBS_NAME`

- Delete a dynamic resource specifying name, type and system:

  - `zowe system-automation delete resource --name=RESOURCE_NAME --type=RESOURCE_TYPE --system=RESOURCE_SYSTEM`

- Delete a dynamic resource with <RESOURCE_ID>. Use the ID that is displayed in "zowe sa list resources --showid":

```
zowe system-automation delete resource --id=RES_ID
```

zowe › system-automation › disable

Disable recording or takeoverfile processing

zowe › system-automation › disable › recording

Disable the recording processing.

Requires (min.): SA Operations API 1.1.0

Following Success Message can be returned by this command:
SACLI004100 - Recording has been disabled

Usage

zowe system-automation disable recording [options]

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

  - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Disable recording to dataset:

  - `zowe system-automation disable recording`

zowe › system-automation › disable › takeoverfile

Disable the takeover handling via Takeoverfile.

Following Success Message can be returned by this command:
SACLI004200 - Takeoverfile processing has been disabled

Usage

zowe system-automation disable takeoverfile [options]

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

  - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Disable takeover handling via Takeoverfile:

    - `zowe system-automation disable takeoverfile`

zowe › system-automation › enable

Enable recording or takeoverfile processing

zowe › system-automation › enable › recording

Enable the recording processing to a specified dataset.

Requires (min.): SA Operations API 1.1.0

Following Success Message can be returned by this command:
SACLI005100 - Recording to {DatasetName} has been enabled

Usage

zowe system-automation enable recording [options]

Options

- `--dsname` *(string)*

    - The recording dataset name

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

    - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Enable recording to dataset <DATASET_NAME>. If the dataset does not exist it will be attempted to allocate it:

  - `zowe system-automation enable recording --dsname=DATASET_NAME`

zowe › system-automation › enable › takeoverfile

Enable the takeover handling via takeoverfile.

Requires (min.): SA Operations API 1.1.0

Following Success Message can be returned by this command:
SACLI005200 - Takeoverfile processing has been enabled

Usage

zowe system-automation enable takeoverfile [options]

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

    - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

- The file path to a certificate key file to use for authentication

Examples

- Enable takeover handling via takeoverfile.:

    - `zowe system-automation enable takeoverfile`

zowe › system-automation › list

Query resources, templates, requests and configuration members defined in an SAplex

zowe › system-automation › list › members

List all configuration members currently defined

Requires (min.): SA Operations API 1.1.0

Following Success Message can be returned by this command:
SACLI006100 - Listing Members success

Usage

zowe system-automation list members [options]

Options

- `--system` *(string)*

    - The system on which this member is running

- `--id` *(string)*

    - The ID of the member

- `--role` *(string)*

    - List only members with this role

        Allowed values: PAM, SAM, AGENT

- `--status` *(string)*

    - List only members with this state

Allowed values: NOT_READY, READY, REFRESH, PENDING, SELECTED, STOPPING, SUSPENDED

- `--release` *(string)*

  - List only members for this release

View Options

- `--showid` *(boolean)*

  - Show the ID of this member

    Default value: false

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

  - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- List all members:

  - `zowe system-automation list members`

- List all members including their ID:

  - `zowe system-automation list members --showid`

- List all agents resources including ID:

  - `zowe system-automation list members --role=AGENT --showid`

- List all members (agents and automation manager) running on system <SYS_NAME>:

  - `zowe system-automation list members --system=SYS_NAME*`

zowe › system-automation › list › policies

List the active configuration (policy) of all SAPlex members (agent and manager).

Requires (min.): SA Operations API 1.0.0

Following Success Message can be returned by this command:
SACLI006500 - Listing policies success

Usage

zowe system-automation list policies [options]

Options

- `--system` *(string)*

  - The system of the member

- `--role` *(string)*

  - The role of the member

    Allowed values: PAM, AGENT

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

  - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- List all policies of all members.:

  - `zowe system-automation list policies`

- List all policies of members running on system <SYSA>:

  - `zowe system-automation list policies --system=SYSA`

zowe › system-automation › list › requests

List all requests currently added to resources matching the specified filter options.

Requires (min.): SA Operations API 1.1.0

Following Success Message can be returned by this command:
SACLI006200 - Listing requests success

Usage

zowe system-automation list requests [options]

Options

- `--status` *(string)*

  - The status of the request

    Allowed values: WINNING, NOWINNING, LOSING, NOLOSING

- `--source` *(string)*

- The source of the request

- `--userid` *(string)*

    - The user who issued the request

- `--name` *(string)*

    - The name of the resource for that to list requests. Wildcard '*' is allowed. It is possible to use the syntax <NAME>/<TYPE>/<SYSTEM>.

- `--type` *(string)*

    - The type of the resource for that to list requests

- `--requestType` *(string)*

    - The type of the request

        Allowed values: DESIRED, SUSPEND

List Options

- `--showid` *(boolean)*

    - Show the ID of this request

        Default value: false

- `--showcomment` *(boolean)*

    - Show the comment for this request

        Default value: false

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

    - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

- ○ Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - ○ Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - ○ User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - ○ Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - ○ Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - ○ The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - ○ The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - ○ The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - ○ The file path to a certificate key file to use for authentication

Examples

- List all requests that have been placed on all resources:

  - ○ `zowe system-automation list requests`

- List all requests and show their ID.:

  - ○ `zowe system-automation list requests --showid`

- List all request against resource with name=<RESOURCE_NAME>, type=<RESOURCE_TYPE>, system=<RESOURCE_SYSTEM>.:

  - `zowe system-automation list requests --name=RESOURCE_NAME --type=RESOURCE_TYPE --system=RESOURCE_SYSTEM`

zowe › system-automation › list › resources

List all resources currently being automated and matching the specified filter options in a table.

Requires (min.): SA Operations API 1.0.0

Following Success Message can be returned by this command:
SACLI006300 - Listing resources success

Usage

zowe system-automation list resources [options]

Options

- `--name` *(string)*

  - The name of the resource. Wildcard '*' is allowed. It is possible to use the syntax <NAME>/<TYPE>/<SYSTEM>.

- `--id` *(string)*

  - The ID of the resource.

- `--type` *(string)*

  - The type of the resource

    Allowed values: APL, APG, SYS, MTR, GRP, SYG, DMN, REF

- `--system` *(string)*

  - The system of the resource

- `--dynamic` *(boolean)*

  - List Only resources that are created dynamic.

- `--observed` *(string)*

  - List Only resources with this observed state

Allowed values: AVAILABLE, DEGRADED, HARDDOWN, PROBLEM, SOFTDOWN, STANDBY, STARTING, STOPPING, SYSGONE, UNKNONW, WASAVAILABLE

- `--desired` *(string)*

  - List Only resources with this desired state

    Allowed values: AVAILABLE, UNAVAILABLE, UNKNONW

- `--compound` *(string)*

  - List Only resources with this compound state

    Allowed values: AWAITING, DEGRADED, DENIED, INAUTO, INHIBITED, PROBLEM, SATISFACTORY

- `--description` *(string)*

  - List resources with this specified description

- `--autostat` *(string)*

  - List resources with this automation status

    Allowed values: BUSY, DENIED, IDLE, INTERNAL, ORDERED, PROBLEM, SYSGONE, UNKNOWN

- `--autoflag` *(boolean)*

  - Filters for the resource automation flag

- `--health` *(string)*

  - List resources with the specified health

    Allowed values: CRITICAL, FATAL, MINOR, NORMAL, SYSGONE, UNKNOW, WARNING

- `--jobname` *(string)*

  - List resources with the specified jobname

- `--category` *(string)*

  - List resources of the specified category

- `--subcategory` *(string)*

- List resources of the specified subcategory

- `--runtoken` *(string)*

  - List resources with the specified runtoken

- `--pacinggatename` *(string)*

  - List resources with the specified pacing gate name

- `--nature` *(string)*

  - List resources with the specified nature

    Allowed values: BASIC, MOVE, SERVER

- `--apgmodel` *(number)*

  - List resources with the specified APG model

    Allowed values: 1, 2

View group

- `--showid` | `--showID` | `--showId` *(boolean)*

  - Show the ID of this resource

    Default value: false

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

  - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

- - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- List all resources:

  - `zowe system-automation list resources`

- List all resources including their ID:

  - `zowe system-automation list resources --showid`

- List all AVAILABLE resources including ID:

  - `zowe system-automation list resources --observed=available --showid`

- List all resources where name is starting with WEB:

- `zowe system-automation list resources --name=WEB*`

zowe › system-automation › list › templates

List all templates currently defined matching the spcecified filter options in a table.

Requires (min.): SA Operations API 1.0.0

Following Success Message can be returned by this command:
SACLI006400 - Listing templates success

Usage

zowe system-automation list templates [options]

Options

- `--name` *(string)*

  - List template with this name. Wildcard '*' is allowed

- `--timestamp` *(string)*

  - List templates with this timestamp

- `--current` *(boolean)*

  - List only current templates

    Default value: true

View group

- `--showid` | `--showID` | `--showId` *(boolean)*

  - Show the ID of this template

    Default value: false

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

  - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- List all templates:

  - `zowe system-automation list templates`

- List all templates including their ID:

    - `zowe system-automation list templates --showid`

- List all current templates including ID:

    - `zowe system-automation list templates --current --showid`

- List all templates where name is starting with CICS:

    - `zowe system-automation list templates --name=CICS*`

zowe › system-automation › resume

Resume a component known by System Automation such as a resource.

zowe › system-automation › resume › member

Resumen an SAPlex member (SA Agent).

Requires (min.): SA Operations API 1.1.0

Following Success Message can be returned by this command:
SACLI007100 - Requesting resume of SAPlex member (SA Agent) success

Usage

zowe system-automation resume member [options]

Options

- `--id` *(string)*

    - The ID of the member (SA Agent)

- `--system` *(string)*

    - The system hosting the member (SA Agent)

- `--role` *(string)*

    - The role of the member

        Allowed values: AGENT, PAM, SAM

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

  - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Resume the member (SA Agent) with this ID. Use the ID that is displayed in "zowe sa list members --showid":

    - `zowe system-automation resume member --id=MEMBER_ID`

- Resume the member (SA Agent) running on the specified system <SYSTEM_NAME>:

    - `zowe system-automation resume member --system=SYSTEM_NAME`

zowe › system-automation › resume › resource

Resume a resource.

Requires (min.): SA Operations API 1.0.0

Following Success Message can be returned by this command:
SACLI007200 - Requesting resume of resource {ResourceName} success

Usage

zowe system-automation resume resource [options]

Options

- `--id` *(string)*

    - The ID of the resource

- `--name` *(string)*

    - The name of the resource

- `--type` *(string)*

    - The type of the resource

        Allowed values: APL, APG, SYS, MTR, GRP, SYG, DMN, REF

- `--system` *(string)*

    - The system of the resource

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

- The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Resume the resource with this ID <RESOURCE_ID>. Use the ID that is displayed in "zowe sa list resources --showid":

  - `zowe system-automation resume resource --id=RESOURCE_ID`

- Resume the resource with specified name <RESOURCE_NAME>Use the name that is displayed in "zowe sa list resources".
  It is possible to use the syntax <NAME>/<TYPE>/<SYSTEM>.:

  - `zowe system-automation resume resource --name=RESOURCE_NAME`

zowe › system-automation › set

Set an option of an SAPlex Member

zowe › system-automation › set › PrimaryManager

Set an Automation Manager to Primary Automation Manager (PAM)

Requires (min.): SA Operations API 1.1.0

Following Success Message can be returned by this command:
SACLI008100 - Setting Primary Automation Manger on {SYSTEM} success

Usage

zowe system-automation set PrimaryManager [options]

Options

- `--id` *(string)*

  - The ID of the member Automation Manager

- `--startType` *(string)*

  - The start type of the Automation Manager

    Default value: HOT
    Allowed values: HOT, WARM, COLD

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

- The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › system-automation › start

Starts an object known by System Automation such as a resource

zowe › system-automation › start › resource

Issues a start request, that will cause the resource to start in case the request is winning.

Requires (min.): SA Operations API 1.0.0

Following Success Message can be returned by this command:
SACLI009100 - Requesting start of resource {ResourceName} success

Usage

zowe system-automation start resource [options]

Options

- `--id` *(string)*

    - The ID of the resource

- `--name` *(string)*

    - The name of the resource

- `--type` *(string)*

    - The type of the resource

        Allowed values: APL, APG, SYS, MTR, GRP, SYG, DMN, REF

- `--system` *(string)*

    - The system of the resource

- `--priority` | `--prio` *(string)*

    - The priority of this start request

        Default value: LOW
        Allowed values: LOW, HIGH, FORCE

- `--override` *(array)*

- Overrides to be considered for the request

  Allowed values: NO, ALL, DPY, FLG, STS, TRG, SUS

- `--comment` *(string)*

  - A comment that can be specified for this request

- `--scope` *(string)*

  - Whether the startup affects a resource or its descendants or both

    Default value: ONLY
    Allowed values: ALL, ONLY

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

  - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Issue start request on resource with ID <RESOURCE_ID>. Use the ID that is displayed in "zowe sa list resources --showid":

    - `zowe system-automation start resource --id=RESOURCE_ID`

- Issue start request on resource with name <RESOURCE_NAME>It is possible to use the syntax <NAME>/<TYPE>/<SYSTEM>:

    - `zowe system-automation start resource --name=RESOURCE_NAME`

- Start a resource identified by ID specifying a priority and a comment.:

    - `zowe system-automation start resource --id=RESOURCE_ID --priority=low --comment="This is a request comment"`

- Start a resource identified by ID specifying override value to the "FLG" and "STS":

    - `zowe system-automation start resource --id=RESOURCE_ID --override=flg sts`

zowe › system-automation › stop

Stops a component known by System Automation such as a resource

zowe › system-automation › stop › resource

Issues a stop request, that will cause the resource to stop in case the request is winning.

Requires (min.): SA Operations API 1.0.0

Following Success Message can be created by this command:
SACLI010100 - Requesting stop of resource {ResourceName} success

Usage

zowe system-automation stop resource [options]

Options

- `--id` *(string)*

  - The ID of the resource

- `--name` *(string)*

  - The name of the resource

- `--type` *(string)*

  - The type of the resource

    Allowed values: APL, APG, SYS, MTR, GRP, SYG, DMN, REF

- `--system` *(string)*

  - The system of the resource

- `--priority` | `--prio` *(string)*

  - The priority of this start request

    Default value: LOW
    Allowed values: LOW, HIGH, FORCE

- `--override` *(array)*

  - Overrides to be considered for the request

    Allowed values: NO, ALL, DPY, FLG, STS, TRG, SUS

- `--comment` *(string)*

  - Comment.

- `--scope` *(string)*

- o Whether the startup affects a resource or its descendants or both

    Default value: ONLY
    Allowed values: ALL, ONLY

- `--restart` *(string)*

    - o Restart the resource after it shutdown conpletely

        Default value: NO
        Allowed values: YES, NO

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

    - o The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - o The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - o Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - o Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - o User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - o Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - o Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Issue stop request on resource with ID <RESOURCE_ID>. Use the ID that is displayed in "zowe sa list resources --showid":

  - `zowe system-automation stop resource --id=RESOURCE_ID`

- Issue stop request on resource with name <RESOURCE_NAME>It is possible to use the syntax <NAME>/<TYPE>/<SYSTEM>:

  - `zowe system-automation stop resource --name=RESOURCE_NAME`

- Stop a resource identified by ID specifying a priority and a comment:

  - `zowe system-automation stop resource --id=RESOURCE_ID --priority=low --comment="This is a request comment"`

- Stop a resource identified by ID specifying override value to the "FLG" and "STS":

  - `zowe system-automation stop resource --id=RESOURCE_ID ----override=flg sts`

zowe › system-automation › suspend

Suspend an object known by System Automation such as a resource

zowe › system-automation › suspend › member

Suspend an agent (SAPlex member).

Requires (min.): SA Operations API 1.1.0

Following Success Message can be created by this commfrand:

SACLI02300 - Request suspend of agent {AgentName} success

Usage

zowe system-automation suspend member [options]

Options

- `--id` *(string)*

  - The ID of the agent member

- `--system` *(string)*

  - The system hosting the agent member

- `--role` *(string)*

  - The role of the member

    Allowed values: AGENT, PAM, SAM

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

  - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Suspend an agent member with ID <MEMBER_ID>. Use the ID that is displayed in "zowe sa list members --showid":

  - `zowe system-automation suspend member --id=MEMBER_ID`

- Suspend the agent on specified system:

  - `zowe system-automation suspend member --system=SYSTEM_NAME --role=AGENT`

- Suspend member running on system <SYSTEM_NAME>:

  - `zowe system-automation suspend member --system=SYSTEM_NAME`

zowe › system-automation › suspend › resource

Suspend a resource.

Requires (min.): SA Operations API 1.0.0

Following Success Message can be created by this command:
SACLI011200 - Requesting suspend of resource {ResourceName} success

Usage

zowe system-automation suspend resource [options]

Options

- `--id` *(string)*

  - The ID of the resource

- `--name` *(string)*

  - The name of the resource. It is possible to use the syntax
    <NAME>/<TYPE>/<SYSTEM>.

- `--type` *(string)*

  - The type of the resource

    Allowed values: APL, APG, SYS, MTR, GRP, SYG, DMN, REF

- `--system` *(string)*

  - The system of the resource

- `--scope` *(string)*

  - Whether the SUSPEND affects only the resource or both the resource and its
    descendants.

    Default value: ONLY
    Allowed values: ALL, ONLY

- `--comment` *(string)*

  - A comment that can be specified for this request

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

  - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Suspend a resource with ID <RESOURCE_ID>. Use the ID that is displayed in "zowe sa list resources --showid":

- `zowe system-automation suspend resource --id=RESOURCE_ID`

- Suspend resource with name <RESOURCE_NAME>It is possible to use the syntax <NAME>/<TYPE>/<SYSTEM>:

  - `zowe system-automation suspend resource --name=RESOURCE_NAME`

- Suspend a resource identified by ID specifying with scope and a comment.:

  - `zowe system-automation suspend resource --id=RESOURCE_ID --scope=ONLY --comment="This is a suspend comment"`

zowe › system-automation › view

View details about an SA object

zowe › system-automation › view › connection

View connection information of SA Operations REST Server that would be used by any other CLI command.

In case you have connection problems with any other CLI command - you can use this command instead

to check the connection options as resulting combination from base profile, sa profile and command line

parameters that are being used to connect the SA Operations Server.

Following Success Message can be created by this command:
SACLI012500 - Connected SA Operations API REST Server: {Server} on Port: {Port}

Usage

zowe system-automation view connection [options]

Options

- `--details` *(boolean)*

  - Show detailed connection information

    Default value: false

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

  - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- View servername and port number of the server that would be connected with any other CLI command:

    - `zowe system-automation view connection`

- View more details of the connections options that are in effect when doing any other CLI command:

    - `zowe system-automation view connection --detailed`

zowe › system-automation › view › member

View details of an SAPlex member (agent or automation manager)

Requires (min.): SA Operations API 1.1.0

Following Success Message can be created by this command:
SACLI012100 - Viewing member success

Usage

zowe system-automation view member [options]

Options

- `--id` *(string)*

    - The ID of the member

- `--release` *(string)*

    - The release / version of the member

- `--role` *(string)*

    - The role of the member

      Allowed values: PAM, SAM, AGENT

- `--status` *(string)*

    - The status of the member

      Allowed values: NOT_READY, READY, REFRESH, PENDING, SELECTED, STOPPING, SUSPENDED

- `--system` *(string)*

    - The system of the member

View Options

- `--showmsg` *(boolean)*

    - Show captured messages (only works for agents)

        Default value: false

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

    - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- View details of a member with ID <MEMBER_ID>. Use the ID that is displayed in "zowe sa list members --showid":

    - `zowe system-automation view member --id=MEMBER_ID`

- View details of the member identified as PAM (Primary Automation Manager):

    - `zowe system-automation view member --role=PAM`

- View details of the member that is an agent running on system with name <SYSTEM_NAME>:

    - `zowe system-automation view member --system=SYSTEM_NAME --role=AGENT`

zowe › system-automation › view › request

View details of a request.

Requires (min.): SA Operations API 1.1.0

Following Success Message can be created by this command:
SACLI012200 - Viewing request success

Usage

zowe system-automation view request [options]

Options

- `--id` *(string)*

- The ID of the request.

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

    - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- View details of a request with ID <REQUEST_ID>. Use the ID that is displayed in "zowe sa list requests --showid":

  - `zowe system-automation view request --id=REQUEST_ID`

zowe › system-automation › view › resource

View details of one resource.

Requires (min.): SA Operations API 1.0.0

Following Success Message can be created by this command:
SACLI02300 - Request suspend of agent {AgentName} success

Usage

zowe system-automation view resource [options]

Options

- `--id` *(string)*

  - The ID of the resource

- `--name` *(string)*

  - The name of the resource. It is possible to use the syntax <NAME>/<TYPE>/<SYSTEM>.

- `--system` *(string)*

  - The system of the resource

- `--type` *(string)*

  - The type of the resource

    Allowed values: APL, APG, SYS, MTR, GRP, SYG, DMN, REF

View Option

- `--showvotes` *(boolean)*

  - Show also all request and votes for this resource

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

  - The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

- The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- View details of a resource with ID <RESOURCE_ID>. Use the ID that is displayed in "zowe sa list resources --showid":

  - `zowe system-automation view resource --id=RESOURCE_ID`

- View details of a resource with name <RESOURCE_NAME>.It is possible to use the syntax <NAME>/<TYPE>/<SYSTEM>.:

  - `zowe system-automation view resource --name=RESOURCE_NAME`

- View details of resource specified by ID including all requests and votes for this resource:

  - `zowe system-automation view resource --id=RESOURCE_ID --showvotes`

zowe › system-automation › view › version

View API version of connected SA Operations REST Server.

Requires (min.): SA Operations API 1.1.0

Following Success Message can be created by this command:
SACLI012400 - Connected SA Operations API {Version} is {Status}.

Usage

zowe system-automation view version [options]

Options

- `--components` *(boolean)*

  - Shows version information of important components

    Default value: false

Profile Options

- `--sa-profile` | `--sa-p` *(string)*

- The name of a (sa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

  - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

  - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- View details of a resource with ID <RESOURCE_ID>. Use the ID that is displayed in "zowe sa list resources --showid":

  - `zowe system-automation view version --id=RESOURCE_ID`

- View details of a resource with name <RESOURCE_NAME>.It is possible to use the syntax <NAME>/<TYPE>/<SYSTEM>.:

  - `zowe system-automation view version --name=RESOURCE_NAME`

- View details of resource specified by ID including all requests and votes for this resource:

  - `zowe system-automation view version --id=RESOURCE_ID --showvotes`

zowe › sysview

Zowe CLI plugin for CA SYSVIEW

zowe › sysview › capture

Display output from a primary command stored in a SYSVIEW capture data set

Usage

zowe sysview capture <capture-dsn> <capture-command> [options]

Positional Arguments

- `capture-dsn` *(string)*

    - Capture data set name from which to retrieve captured commands

- `capture-command` *(string)*

    - Captured command to retrieve

data options

- `--capture-row` | `--cr` *(number)*

    - Row number of command within capture data set

- `--capture-screen` | `--cs` *(string)*

    - Screen name, for commands which have multiple screens

- `--capture-title` | `--ct` *(string)*

    - The captured command screen title or a user supplied title specified on the CAPIMMED command

- `--fields` | `-f` *(array)*

    - Fields to be returned (by name). For example: "jobname" "cpu"

- `--all-rows` | `--ar` *(boolean)*

    - Return all rows of data, no matter how many. Overrides --row-start and --row-end

- `--row-start` | `--rs` *(number)*

  - The first row of the response data to display

    Default value: 1

- `--row-end` | `--re` *(number)*

  - The last row of the response data to display

    Default value: 100

- `--timeout` | `--to` *(number)*

  - The number of seconds to wait before timing out

    Default value: 30

display options

- `--context-fields` | `--cf` *(array)*

  - Context fields to display. Defaults to hiding all context

- `--overview` | `-o` *(boolean)*

  - Display the overview section

- `--info` | `-i` *(boolean)*

  - Display the information area, if any

- `--pretty` | `-p` *(boolean)*

  - Display formatted data

- `--blank-if-zero` | `--biz` | `-b` *(boolean)*

  - Show a blank space instead of '0' values

- `--truncate` | `--tr` *(boolean)*

  - Truncate displays that are too wide for the console

    Default value: false

response format options

- `--response-format-csv` | `--csv` *(boolean)*

  - Format data as a set of Comma Seperated Values

sysview connection options

- `--host` | `-H` *(string)*

  - The hostname of the SYSVIEW REST API

- `--port` | `-P` *(number)*

  - The port number of the SYSVIEW REST API

- `--user` | `-u` *(string)*

  - Your z/OS username used to authenticate to the SYSVIEW REST API

- `--password` | `--pass` | `--pw` *(string)*

  - Your z/OS password used to authenticate to the SYSVIEW REST API

- `--reject-unauthorized` | `--ru` *(boolean)*

  - If set, the server certificate is verified against the list of supplied CAs

- `--ssid` *(string)*

  - SSID of the SYSVIEW instance. Default value: GSVX

    Default value: GSVX

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Do not specify this option if you are not using an API mediation layer.

    Default value: /api/v1

Profile Options

- `--sysview-profile` | `--sysview-p` *(string)*

  - The name of a (sysview) profile to load for this command execution.

- `--sysview-format-profile` | `--sysview-format-p` *(string)*

  - The name of a (sysview-format) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Display the captured ACTIVITY command from MY.CAPTURE.DATASET.:

  - `zowe sysview capture "MY.CAPTURE.DATASET" ACTIVITY`

- Display the Jobname, Jobid, and Status columns of the captured ACTIVITY command on row 3 from MY.CAPTURE.DATASET.:

  - `zowe sysview capture "MY.CAPTURE.DATASET" ACTIVITY --capture-row 3 --fields Jobname Jobid Status`

zowe › sysview › check

Confirm that the SYSVIEW REST server is running on a specified system.

zowe › sysview › check › status

Confirm that the SYSVIEW REST server is running on a system specified. The command outputs properties of the z/OS system and the SYSVIEW REST server.

Usage

zowe sysview check status [options]

sysview connection options

- `--host` | `-H` *(string)*

  - The hostname of the SYSVIEW REST API

- `--port` | `-P` *(number)*

  - The port number of the SYSVIEW REST API

- `--user` | `-u` *(string)*

  - Your z/OS username used to authenticate to the SYSVIEW REST API

- `--password` | `--pass` | `--pw` *(string)*

  - Your z/OS password used to authenticate to the SYSVIEW REST API

- `--reject-unauthorized` | `--ru` *(boolean)*

  - If set, the server certificate is verified against the list of supplied CAs

- `--ssid` *(string)*

  - SSID of the SYSVIEW instance. Default value: GSVX

    Default value: GSVX

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Do not specify this option if you are not using an API mediation layer.

    Default value: /api/v1

Profile Options

- `--sysview-profile` | `--sysview-p` *(string)*

  - The name of a (sysview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Report the status of the SYSVIEW REST server that you specified in your default SYSVIEW REST profile:

    - `zowe sysview check status`

- Report the status of the SYSVIEW REST server that you specified in a supplied SYSVIEW REST profile:

    - `zowe sysview check status --sysview-profile SomeSysviewProfileName`

- Report the status of the SYSVIEW REST server that you specified manually via command line:

    - `zowe sysview check status --host myhost --port 443 --user myuser --password mypass`

zowe › sysview › display

Issue a CA SYSVIEW primary command and display output, including any messages

Usage

zowe sysview display <command-string> [options]

Positional Arguments

- `command-string` *(string)*

- Command(s) to be issued
  (If more than one command, separated by a semi-colon)
  Example: "ACTIVITY;SORT CPU% D"

data options

- `--fields` | `-f` *(array)*

  - Fields to be returned (by name). For example: "jobname" "cpu"

- `--all-rows` | `--ar` *(boolean)*

  - Return all rows of data, no matter how many. Overrides --row-start and --row-end

- `--row-start` | `--rs` *(number)*

  - The first row of the response data to display

    Default value: 1

- `--row-end` | `--re` *(number)*

  - The last row of the response data to display

    Default value: 100

- `--timeout` | `--to` *(number)*

  - The number of seconds to wait before timing out

    Default value: 30

display options

- `--context-fields` | `--cf` *(array)*

  - Context fields to display. Defaults to hiding all context

- `--overview` | `-o` *(boolean)*

  - Display the overview section

- `--info` | `-i` *(boolean)*

  - Display the information area, if any

- `--pretty` | `-p` *(boolean)*

- ○ Display formatted data

- `--blank-if-zero` | `--biz` | `-b` *(boolean)*

  - ○ Show a blank space instead of '0' values

- `--truncate` | `--tr` *(boolean)*

  - ○ Truncate displays that are too wide for the console

    Default value: false

response format options

- `--response-format-csv` | `--csv` *(boolean)*

  - ○ Format data as a set of Comma Seperated Values

sysview connection options

- `--host` | `-H` *(string)*

  - ○ The hostname of the SYSVIEW REST API

- `--port` | `-P` *(number)*

  - ○ The port number of the SYSVIEW REST API

- `--user` | `-u` *(string)*

  - ○ Your z/OS username used to authenticate to the SYSVIEW REST API

- `--password` | `--pass` | `--pw` *(string)*

  - ○ Your z/OS password used to authenticate to the SYSVIEW REST API

- `--reject-unauthorized` | `--ru` *(boolean)*

  - ○ If set, the server certificate is verified against the list of supplied CAs

- `--ssid` *(string)*

  - ○ SSID of the SYSVIEW instance. Default value: GSVX

    Default value: GSVX

- `--base-path` | `--bp` *(string)*

- The base path for your API mediation layer instance. Do not specify this option if you are not using an API mediation layer.

    Default value: /api/v1

Profile Options

- `--sysview-profile` | `--sysview-p` *(string)*

    - The name of a (sysview) profile to load for this command execution.

- `--sysview-format-profile` | `--sysview-format-p` *(string)*

    - The name of a (sysview-format) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Issue the CSMSTAT command and show the 'message' field from the context area of the response:

    - `zowe sysview display "CSMSTAT" --cf message`

- Issue the JOBSUM command to list jobs starting with "CS" showing only the fields Jobname, Jobid, and Status:

- `zowe sysview display "jobs CS&VLMC" --fields Jobname Jobid Status`

zowe › sysview › execute

Issue a CA SYSVIEW function command and display any messages

Usage

zowe sysview execute <command-string> [options]

Positional Arguments

- `command-string` *(string)*

  - Command(s) to be issued
    (If more than one command, separated by a semi-colon)
    Example: "ACTIVITY;SORT CPU% D"

display options

- `--context-fields` | `--cf` *(array)*

  - Context fields to display. Defaults to hiding all context

data options

- `--timeout` | `--to` *(number)*

  - The number of seconds to wait before timing out

    Default value: 30

sysview connection options

- `--host` | `-H` *(string)*

  - The hostname of the SYSVIEW REST API

- `--port` | `-P` *(number)*

  - The port number of the SYSVIEW REST API

- `--user` | `-u` *(string)*

  - Your z/OS username used to authenticate to the SYSVIEW REST API

- `--password` | `--pass` | `--pw` *(string)*

- Your z/OS password used to authenticate to the SYSVIEW REST API

- `--reject-unauthorized` | `--ru` *(boolean)*

  - If set, the server certificate is verified against the list of supplied CAs

- `--ssid` *(string)*

  - SSID of the SYSVIEW instance. Default value: GSVX

    Default value: GSVX

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Do not specify this option if you are not using an API mediation layer.

    Default value: /api/v1

Profile Options

- `--sysview-profile` | `--sysview-p` *(string)*

  - The name of a (sysview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Issue the APFTEST command and display any messages returned from SYSVIEW.:

  - `zowe sysview execute "APFTEST SYS1.LINKLIB SYS001"`

zowe › workload-automation

Interact with IBM Z Workload Scheduler

zowe › workload-automation › execute

Execute WAPL commands. Enclose the commands in double quotes and escape any symbols that have a special meaning to the shell.

zowe › workload-automation › execute › wapl

Execute one or multiple WAPL statements from a command line.

Usage

zowe workload-automation execute wapl [options]

Options

- `--command` | `--cmd` *(string)*

  - Execute one or multiple WAPL statements from a command line using semicolon (;) as command separator

- `--file` | `-f` *(string)*

  - A local file containing WAPL statements to be executed

workload-automation Connection Options

- `--host` | `-H` *(string)*

  - The Z connector server host name or API ML server host name

- `--port` | `-P` *(number)*

  - The Z connector server port or API ML server port

- `--user` | `-u` *(string)*

  - The Z connector user ID

- `--password` | `--pwd` *(string)*

- The Z connector password

- `--engine` | `--eng` *(string)*

  - Name of the engine, as defined on the Z connector

- `--base-path` | `--bp` *(string)*

  - Base path of your API mediation layer instance. If a base path is specified, the plug-in connects to API ML. Specify this value according to the yaml static file added to API ML

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

Profile Options

- `--wa-profile` | `--wa-p` *(string)*

  - The name of a (wa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- List all applications named MYAD:

  - `zowe workload-automation execute wapl --command "LOADDEF AD* DATA(-) LOADER(*);OPTIONS STRIP(Y) EXPAND(N) SELECT(Y) SERVER(Y);LIST AD ADID(MYAD)"`

- Execute a file with WAPL statements:

  - `zowe workload-automation execute wapl --file waplfile.txt`

zowe › workload-automation › get

Get resources or jobs in plan.

zowe › workload-automation › get › jobinplan

Get the job in plan.

Usage

zowe workload-automation get jobinplan [options]

Required Options

- `--id` *(string)*

  - ID of the job to get. Take the ID from the list jobinplan command.

workload-automation Connection Options

- `--host` | `-H` *(string)*

  - The Z connector server host name or API ML server host name

- `--port` | `-P` *(number)*

  - The Z connector server port or API ML server port

- `--user` | `-u` *(string)*

  - The Z connector user ID

- `--password` | `--pwd` *(string)*

  - The Z connector password

- `--engine` | `--eng` *(string)*

- Name of the engine, as defined on the Z connector

- `--base-path` | `--bp` *(string)*

  - Base path of your API mediation layer instance. If a base path is specified, the plug-in connects to API ML. Specify this value according to the yaml static file added to API ML

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

Profile Options

- `--wa-profile` | `--wa-p` *(string)*

  - The name of a (wa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

- Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Get the job using the specified ID. Take the ID from the list jobinplan command:

  - ```
    zowe workload-automation get jobinplan --id resourceId
    ```

- Get the job using the specified ID with response in JSON format. Take the ID from the list jobinplan command:

  - ```
    zowe workload-automation get jobinplan --id resourceId --rfj
    ```

zowe › workload-automation › get › resourceinplan

Get the resource in plan.

Usage

zowe workload-automation get resourceinplan [options]

Required Options

- `--id` *(string)*

  - ID of the resource to get. Take the ID from the list resourceinplan command

workload-automation Connection Options

- `--host` | `-H` *(string)*

  - The Z connector server host name or API ML server host name

- `--port` | `-P` *(number)*

  - The Z connector server port or API ML server port

- `--user` | `-u` *(string)*

  - The Z connector user ID

- `--password` | `--pwd` *(string)*

  - The Z connector password

- `--engine` | `--eng` *(string)*

  - Name of the engine, as defined on the Z connector

- `--base-path` | `--bp` *(string)*

  - Base path of your API mediation layer instance. If a base path is specified, the plug-in connects to API ML. Specify this value according to the yaml static file added to API ML

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

Profile Options

- `--wa-profile` | `--wa-p` *(string)*

  - The name of a (wa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

- If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Get the resource using the specified ID. Take the ID from the list resourceinplan command:

  - `zowe workload-automation get resourceinplan --id resourceId`

- Get the resource using the specified ID with response in JSON format. Take the ID from the list resourceinplan command:

  - `zowe workload-automation get resourceinplan --id resourceId --rfj`

zowe › workload-automation › list

List jobs, jobstreams, and resources in plan, list jobstreams in model(database).

zowe › workload-automation › list › jobinplan

List the jobs in plan.

Usage

zowe workload-automation list jobinplan [options]

Options

- `--jobname` | `--jn` *(string)*

  - Name of the jobs to be listed, you can use the wildcard character asterisk (*)

- `--statuslist` | `--sl` *(array)*

  - Status of the jobs

    Allowed values: WAITING, READY, RUNNING, SUCCESSFUL, ERROR, CANCELED, HELD, UNDECIDED, SUPPRESS

- `--jobstreamname` | `--jsn` *(string)*

  - Name of the jobstream where the jobs are located, you can use the wildcard character asterisk (*).

- `--timerange` | `--tr` *(array)*

  - Time range, in the format YYYY-MM-DDTHH:MM:SS

- `--howmany` | `--hm` *(number)*

    - Number of jobs that the query is to return.

      Default value: 1000

workload-automation Connection Options

- `--host` | `-H` *(string)*

    - The Z connector server host name or API ML server host name

- `--port` | `-P` *(number)*

    - The Z connector server port or API ML server port

- `--user` | `-u` *(string)*

    - The Z connector user ID

- `--password` | `--pwd` *(string)*

    - The Z connector password

- `--engine` | `--eng` *(string)*

    - Name of the engine, as defined on the Z connector

- `--base-path` | `--bp` *(string)*

    - Base path of your API mediation layer instance. If a base path is specified, the plug-in
      connects to API ML. Specify this value according to the yaml static file added to API ML

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates

      Default value: true

Profile Options

- `--wa-profile` | `--wa-p` *(string)*

    - The name of a (wa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

- If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all jobs in current plan whose name starts with A and are in SUCCESSFUL or WAITING status:

    - `zowe workload-automation list jobinplan --jobname "A*" --statuslist SUCCESSFUL WAITING`

- List all jobs located in the jobstream named MYJOBSTREAM, limiting the response to 50 jobs:

    - `zowe workload-automation list jobinplan --jobstreamname "MYJOBSTREAM" --howmany 50`

- List all jobs within a specified range:

    - `zowe workload-automation list jobinplan --timerange 2019-11-10T00:00:00 2019-11-10T23:59:00`

- List all jobs by displaying only the job name and status in table format:

    - `zowe workload-automation list jobinplan --rff jobDefinition[jclName] status[commonStatus] --rft table`

zowe › workload-automation › list › jobstreaminmodel

List the jobstreams in model.

Usage

zowe workload-automation list jobstreaminmodel [options]

Options

- `--name` | `-n` *(string)*

    - Name of the jobstreams to be listed, you can use the wildcard character asterisk (*).

- `--owner` | `--ow` *(string)*

    - Owner of the jobstream.

- `--timerange` | `--tr` *(array)*

- o Validity time range, in the format YYYY-MM-DDTHH:MM:SS

- `--isgroup` | `--igr` *(boolean)*

    o Indicator that shows if the jobstream is a group.

- `--groupname` | `--grn` *(string)*

    o Name of the group that contains the jobstream.

- `--howmany` | `--hm` *(number)*

    o Number of jobstreams that the query is to return.

    Default value: 1000

workload-automation Connection Options

- `--host` | `-H` *(string)*

    o The Z connector server host name or API ML server host name

- `--port` | `-P` *(number)*

    o The Z connector server port or API ML server port

- `--user` | `-u` *(string)*

    o The Z connector user ID

- `--password` | `--pwd` *(string)*

    o The Z connector password

- `--engine` | `--eng` *(string)*

    o Name of the engine, as defined on the Z connector

- `--base-path` | `--bp` *(string)*

    o Base path of your API mediation layer instance. If a base path is specified, the plug-in connects to API ML. Specify this value according to the yaml static file added to API ML

- `--reject-unauthorized` | `--ru` *(boolean)*

    o Reject self-signed certificates

    Default value: true

Profile Options

- `--wa-profile` | `--wa-p` *(string)*

  - The name of a (wa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all jobstreams whose name starts with A and have owner "JSOWNER" :

  - `zowe workload-automation list jobstreaminmodel --name "A*" --owner "JSOWNER"`

- List all jobstreams valid within a specified range:

  - `zowe workload-automation list jobstreaminmodel --timerange 2019-11-10T00:00:00 2019-11-10T23:59:00`

- List all jobstreams present in a group by returning only the first 10 occurrences:

  - `zowe workload-automation list jobstreaminmodel --isgroup true --howmany 10`

- List all jobstreams by displaying only the jobstream name and owner in table format:

  - `zowe workload-automation list jobstreaminmodel --rff key[name] ownerName --rft table`

zowe › workload-automation › list › jobstreaminplan

List the jobstreams in plan.

Usage

zowe workload-automation list jobstreaminplan [options]

Options

- `--name` | `-n` *(string)*

  - Name of the jobstream to list, you can use the wildcard character asterisk (*).

- `--statuslist` | `--sl` *(array)*

  - Status of the jobstream.

    Allowed values: SUCCESSFUL, CANCELED, ERROR, RUNNING, UNDECIDED, WAITING

- `--owner` | `--ow` *(string)*

  - Owner of the jobstream.

- `--timerange` | `--tr` *(array)*

  - Time range, in the format YYYY-MM-DDTHH:MM:SS

- `--howmany` | `--hm` *(number)*

  - Number of jobstreams that the query is to return.

    Default value: 1000

workload-automation Connection Options

- `--host` | `-H` *(string)*

  - The Z connector server host name or API ML server host name

- `--port` | `-P` *(number)*

  - The Z connector server port or API ML server port

- `--user` | `-u` *(string)*

  - The Z connector user ID

- `--password` | `--pwd` *(string)*

  - The Z connector password

- `--engine` | `--eng` *(string)*

  - Name of the engine, as defined on the Z connector

- `--base-path` | `--bp` *(string)*

  - Base path of your API mediation layer instance. If a base path is specified, the plug-in connects to API ML. Specify this value according to the yaml static file added to API ML

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates

        Default value: true

Profile Options

- `--wa-profile` | `--wa-p` *(string)*

    - The name of a (wa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

    - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

    - The command response output format type. Must be one of the following:

table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all jobstreams in current plan whose name starts with A and are in SUCCESSFUL or ERROR status:

  - `zowe workload-automation list jobstreaminplan --name "A*" --statuslist SUCCESSFUL ERROR`

- List all jobstreams in WAITING, limiting response to 50 jobstreams:

  - `zowe workload-automation list jobstreaminplan --statuslist WAITING --howmany 50`

- List all jobstreams within a specified range:

  - `zowe workload-automation list jobstreaminplan --timerange 2019-11-10T00:00:00 2019-11-10T23:59:00`

- List all jobstreams by displaying only jobstream name and status in table format:

  - `zowe workload-automation list jobstreaminplan --rff key[name] status[commonStatus] --rft table`

zowe › workload-automation › list › resourceinplan

List the resources in plan.

Usage

zowe workload-automation list resourceinplan [options]

Options

- `--name` | `-n` *(string)*

    - Name of the resources to list, you can use the wildcard character asterisk (*).

- `--isavailable` | `--isa` | `--ia` *(boolean)*

    - Specify true to select only the resources that are available.Specify false to select only resources that are unavailable.

- `--iswaiting` | `--isw` | `--iw` *(boolean)*

    - Specify true to select only the resources for which the operations are waiting.Specify false to select only resources that no operations are waiting for

- `--howmany` | `--hm` *(number)*

    - Number of resources that the query is to return.

        Default value: 1000

workload-automation Connection Options

- `--host` | `-H` *(string)*

    - The Z connector server host name or API ML server host name

- `--port` | `-P` *(number)*

    - The Z connector server port or API ML server port

- `--user` | `-u` *(string)*

    - The Z connector user ID

- `--password` | `--pwd` *(string)*

    - The Z connector password

- `--engine` | `--eng` *(string)*

    - Name of the engine, as defined on the Z connector

- `--base-path` | `--bp` *(string)*

- Base path of your API mediation layer instance. If a base path is specified, the plug-in connects to API ML. Specify this value according to the yaml static file added to API ML

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

Profile Options

- `--wa-profile` | `--wa-p` *(string)*

  - The name of a (wa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all resources in current plan whose name starts with A and are available:

  - ```
    zowe workload-automation list resourceinplan --name "A*" --isavailable true
    ```

- List all resources for which no operations are waiting:

  - ```
    zowe workload-automation list resourceinplan --iswaiting false
    ```

zowe › workload-automation › set-status

Set the status of a job in plan.

zowe › workload-automation › set-status › jobinplan

Set the status of a job in plan.

Usage

zowe workload-automation set-status jobinplan [options]

Required Options

- `--id` *(string)*

  - ID of the job. Take the ID from the list jobinplan command.

- `--status` | `--st` *(string)*

  - Status that you want to set for the job.

    Allowed values: started, zosready, interrupted, zoserror, complete

Options

- `--errorcode` | `--erc` *(string)*

  - Error code that is associated with the zoserror status

workload-automation Connection Options

- `--host` | `-H` *(string)*

  - The Z connector server host name or API ML server host name

- `--port` | `-P` *(number)*

  - The Z connector server port or API ML server port

- `--user` | `-u` *(string)*

  - The Z connector user ID

- `--password` | `--pwd` *(string)*

  - The Z connector password

- `--engine` | `--eng` *(string)*

  - Name of the engine, as defined on the Z connector

- `--base-path` | `--bp` *(string)*

  - Base path of your API mediation layer instance. If a base path is specified, the plug-in connects to API ML. Specify this value according to the yaml static file added to API ML

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

Profile Options

- `--wa-profile` | `--wa-p` *(string)*

    - The name of a (wa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

    - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

    - The command response output format type. Must be one of the following:

        table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Setting the status of a job to complete :

  - ```
    zowe workload-automation set-status jobinplan --id myjobuniqueidentifier --
    status complete
    ```

- Setting the status of a job to error with the error code s451:

  - ```
    zowe workload-automation set-status jobinplan --id myjobuniqueidentifier --
    status zoserror --errorcode s451
    ```

zowe › workload-automation › submit

Submit a jobstream into the plan.

zowe › workload-automation › submit › jobstreaminplan

Submit a jobstream to the plan.

Usage

zowe workload-automation submit jobstreaminplan [options]

Required Options

- `--name` | `-n` *(string)*

  - Name of the jobstream.

Options

- `--starttime` | `--st` *(string)*

  - Start time of the jobstream.

- `--holdall` | `--ha` *(boolean)*

  - Hold all jobs in jobstream submitted into the plan.

- `--variabletable` | `--vt` *(string)*

  - Variable table associated to the jobstream submitted into the plan.

- `--jclvariables` | `--jv` *(array)*

  - A pair composed by variable name and value to be replaced in the JCL. Must be a promptable variable.

workload-automation Connection Options

- `--host` | `-H` *(string)*

  - The Z connector server host name or API ML server host name

- `--port` | `-P` *(number)*

  - The Z connector server port or API ML server port

- `--user` | `-u` *(string)*

  - The Z connector user ID

- `--password` | `--pwd` *(string)*

  - The Z connector password

- `--engine` | `--eng` *(string)*

  - Name of the engine, as defined on the Z connector

- `--base-path` | `--bp` *(string)*

  - Base path of your API mediation layer instance. If a base path is specified, the plug-in connects to API ML. Specify this value according to the yaml static file added to API ML

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

Default value: true

Profile Options

- `--wa-profile` | `--wa-p` *(string)*

    - The name of a (wa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Submit a jobstream in the current plan whose name is 'myjobstream' with the specified start time:

    - ```
      zowe workload-automation submit jobstreaminplan --name myjobstream --starttime 2018-10-17T19:00:00
      ```

- Submit a jobstream in the current plan whose name is 'myjobstream' with all jobs on hold:

    - ```
      zowe workload-automation submit jobstreaminplan --name myjobstream --holdall
      ```

- Submit a jobstream in the current plan whose name is 'myjobstream' resolving promptable variables in the JCL:

- ```
  zowe workload-automation submit jobstreaminplan --name myjobstream --
  jclvariables key1 value1 key2 value2
  ```

zowe › workload-automation › update

Update resources or jobs in plan.

zowe › workload-automation › update › jobinplan

Update the job in plan.

Usage

zowe workload-automation update jobinplan [options]

Required Options

- `--id` *(string)*

  - ID of the job to update. Take the ID from get response body.

Options

- `--jobname` | `--jn` *(string)*

  - Name of the job

- `--description` | `--des` *(string)*

  - Description of the job

- `--workstation` | `--ws` *(string)*

  - Name of the workstation

- `--parallel-servers` | `--ps` *(number)*

  - Number of parallel servers that can concurrently run the operation at the workstation

- `--r1-resources` | `--r1` *(number)*

  - Maximum capacity of workstation resource 1

- `--r2-resources` | `--r2` *(number)*

  - Maximum capacity of workstation resource 2

- `--form-number` | `--fn` *(string)*

  - Form number or Sysout forms name of the job

- `--extended-name` | `--en` *(string)*

  - Extended name of the job

- `--job-class` | `--jclass` *(string)*

  - Job or sysout class of the job

- `--scheduling-environment` | `--env` *(string)*

  - Scheduling environmnent name of the job

- `--time-dependent` | `--td` *(boolean)*

  - Jobs are to be submitted at a specific time or as soon as possible.

    True: job must NOT start before the input arrival time is reached.

    False: job can start as soon as predecessors are completed and resources are available.

- `--follow-job-stream-input-arrival` | `--fjs-ia` | `--fjs` *(boolean)*

  - Follow jobstream input arrival time. If not specified, current value is used.

- `--start-time` | `--st` *(string)*

  - Start time date and time of the job, in the format YYYY-MM-DDTHH:MM:SS

    The date and time cannot be earlier than the application input arrival, nor later than the application deadline.

    Use it in combination with the follow-job-stream-input-arrival option set to false.

- `--deadline` | `--dl` *(string)*

  - Deadline date and time of the job, in the format YYYY-MM-DDTHH:MM:SS

    The date and time cannot be earlier than the application input arrival, nor later than the application deadline.

    To clear existent deadline-time pass an empty "" value. Note that any correlated actions will be cleared.

- `--deadline-action` | `--dla` *(string)*

- Action to be taken if the operation is still not completed when deadline day and time are reached. If you specify an action, an alert message is issued. Optional.

  ALERT: Alert only.

  COMPLETE: Operation is completed if its status allows this kind of change, otherwise is NOPed.

  NOP: Operation and all its internal successors are NOPed.

  ERROR: Operation is set to error with error code ODEA if its status allows this kind of change.

  BLANK: No action.

  Allowed values: ALERT, COMPLETE, NOP, ERROR, BLANK

- `--not-started-alert-date` | `--nsald` *(string)*

  - Date and time, in the format YYYY-MM-DDTHH:MM:SS, to check if the operation has not yet started. If so, an alert is issued.

    To clear existent not-started-alert-date pass an empty "" value.

- `--not-started-action-date` | `--nsacd` *(string)*

  - Date and time, in the format YYYY-MM-DDTHH:MM:SS, to check if the operation has not yet started.This check is applied only to ready operations. If you specify date and time, an action is required.

    To clear existent not-started-action-date pass an empty "" value. Note that any correlated actions will be cleared.

- `--not-started-action` | `--nsa` *(string)*

  - Action to be taken if the operation has not yet started when the specified time is reached. If you specify an action, day and time are required.

    ALERT: Alert only.

    COMPLETE: Operation is completed if its status allows this kind of change, otherwise is NOPed.

    NOP: Operation and all its internal successors are NOPed.

ERROR: Operation is set to error with error code OLAT if its status allows this kind of change.

Allowed values: ALERT, COMPLETE, NOP, ERROR

- `--duration` | `--dur` *(number)*

  - Estimated duration of the job, expressed in milliseconds.

- `--critical` | `--crit` *(string)*

  - If the job is to be considered a Critical Path target, eligible for WLM assistance, or Not eligible for WLM assistance.

    Allowed values: NO, PATH, WLM

- `--wlm-policy` | `--wpol` *(string)*

  - Policy to be used for WLM assistance, if the job has been defined as critical.

    LONGDURATION: job is assisted if it runs beyond its estimated duration

    DEADLINE: job is assisted if it has not finished when its deadline time is reached

    LATESTSTART: job is assisted if it is submitted after its latest start time

    CONDITIONAL: an algorithm calculates whether to apply the Deadline or Latest start policy

    DEFAULT: the policy specified in OPCOPTS is applied

    Allowed values: CONDITIONAL, DEADLINE, LATESTSTART, LONGDURATION, DEFAULT

- `--wlm-class` | `--wcla` *(string)*

  - WLM Service Class

- `--monitored` | `--mon` *(boolean)*

  - Job or operation must be monitored by an external product.

    True: monitored

    False: not monitored

- `--auto-release` | `--ar` *(boolean)*

- Jobs submitted by other than the product must be automatically released at their appropriate time, if placed in HOLD status at job submission time.

  True: release jobs at their appropriate time.

  False: release jobs immediately.

- `--cancel-if-late` | `--clate` *(boolean)*

  - Job must be submitted, regardless of the fact that its assigned start time has passed.

    True: suppress the submit or release of a time-dependent job, if it is late.

    False: submit or release a job when ready, even if the specified time has passed.

- `--auto-submit` | `--asub` *(boolean)*

  - Job is to be automatically started.

    True: job is automatically started.

    False: job is NOT automatically started.

- `--auto-error-completion` | `--aerc` *(boolean)*

  - How error conditions are to be managed for the job.

    True: error conditions are automatically tracked and the job is assigned an ended-in-error status if it fails.

    False: ignore error conditions and give the job a completed status when it ends.

- `--highest-return-code` | `--hrc` *(number)*

  - Highest accepted return code for a job NOT to be reported as ended-in-error. For FT workstations, this value can be only 0.

- `--user-data` | `--udata` *(string)*

  - User descriptive text to be associated with the job or operation.

- `--cleanup-option` | `--clean` *(string)*

  - Cleanup action to be taken on computer workstations for operations that end in error or are rerun.

    Allowed values: AUTOMATIC, IMMEDIATE, MANUAL, NONE

- `--user-sysout` | `--usys` *(boolean)*

  - If User sysout support is needed.

    True: data store logs User sysout.

    False: data store does not log User sysout.

- `--restartable` | `--rest` *(string)*

  - The operation can be restarted when its primary workstation becomes inactive. Ignored for Fault-Tolerant workstations. Use installation default action.

    YES: the operation can be restarted.

    NO: the operation CANNOT be restarted.

    DEFAULT: use installation default action.

    Allowed values: YES, NO, DEFAULT

- `--reroutable` | `--rero` *(string)*

  - The operation can be rerouted if its primary workstation is rerouted. Ignored for Fault Tolerance Workstation.

    YES: operation can be rerouted.

    NO: operation CANNOT be rerouted.

    DEFAULT: use installation default action.

    Allowed values: YES, NO, DEFAULT

workload-automation Connection Options

- `--host` | `-H` *(string)*

  - The Z connector server host name or API ML server host name

- `--port` | `-P` *(number)*

  - The Z connector server port or API ML server port

- `--user` | `-u` *(string)*

  - The Z connector user ID

- `--password` | `--pwd` *(string)*

  - The Z connector password

- `--engine` | `--eng` *(string)*

  - Name of the engine, as defined on the Z connector

- `--base-path` | `--bp` *(string)*

  - Base path of your API mediation layer instance. If a base path is specified, the plug-in connects to API ML. Specify this value according to the yaml static file added to API ML

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

Profile Options

- `--wa-profile` | `--wa-p` *(string)*

  - The name of a (wa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Update the jobname and workstation of the specified job:

  - `zowe workload-automation update jobinplan --jobname myjclname --workstation myws`

- Update options start-time, monitored, and duration of the specified job:

  - `zowe workload-automation update jobinplan --start-time 2020-10-26T10:00:00 --monitored false --duration 180000`

zowe › workload-automation › update › resourceinplan

Update the resource in plan.

Usage

zowe workload-automation update resourceinplan [options]

Required Options

- `--id` *(string)*

  - Id of the resource to update. Take id from get response body

- `--file` | `-f` *(string)*

  - A local file containing resource JSON body to be updated.

workload-automation Connection Options

- `--host` | `-H` *(string)*

  - The Z connector server host name or API ML server host name

- `--port` | `-P` *(number)*

  - The Z connector server port or API ML server port

- `--user` | `-u` *(string)*

  - The Z connector user ID

- `--password` | `--pwd` *(string)*

  - The Z connector password

- `--engine` | `--eng` *(string)*

  - Name of the engine, as defined on the Z connector

- `--base-path` | `--bp` *(string)*

  - Base path of your API mediation layer instance. If a base path is specified, the plug-in connects to API ML. Specify this value according to the yaml static file added to API ML

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

Profile Options

- `--wa-profile` | `--wa-p` *(string)*

    - The name of a (wa) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

    - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

    - The command response output format type. Must be one of the following:

        table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

        list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Update the specified resource with JSON body provided in the file. You can take the JSON body from data field of the response of the get command using --rfj option:

  - `zowe workload-automation update resourceinplan --id resourceId --file resource.txt`

zowe › znetview-automation

Manage NetView automation tables.

zowe › znetview-automation › activate

Activate an automation table.

zowe › znetview-automation › activate › automation-table

This command activates an automation table by inserting it into the current list of active automation tables.

NOTE: If the specified automation table already exists within the list of active automation tables, this automation table will be replaced at its existing position, and the position option is ignored.

Usage

zowe znetview-automation activate automation-table <memberName> [options]

Positional Arguments

- `memberName` *(string)*

    - The automation table member name to activate.

Options

- `--position` | `--pos` *(string)*

    - The position in which to insert the automation table member.

        The following values are valid for position:

        FIRST

        LAST

        The position number

        Default value: LAST

- `--domain` | `-D` *(string)*

- The NetView domain to which the request will be sent.

  The default value is the NetView domain to which the NetView REST Server is connected.

NetView Connection Options

- `--host` | `-H` *(string)*

  - The host name of your NetView REST Server.

- `--port` | `-P` *(number)*

  - The port number of your NetView REST Server.

    Default value: 3275

- `--user` | `-u` *(string)*

  - The user name to authenticate to your NetView REST Server.

- `--password` | `--pw` *(string)*

  - The password to authenticate to your NetView REST Server.

- `--token-type` | `--tt` *(string)*

  - The type of the token to authenticate to your NetView REST Server.

- `--token-value` | `--tv` *(string)*

  - The value of the token to authenticate to your NetView REST Server.

- `--base-path` | `--bp` *(string)*

  - The base path for your Zowe API Mediation Layer instance. Specify this option to prepend the base path to NetView REST service when making REST requests to the Zowe API Mediation Layer.

    Note: Do not specify this option if you are not using the Zowe API Mediation Layer.

Profile Options

- `--znetview-profile` | `--znetview-p` *(string)*

  - The name of a (znetview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Insert the automation table named TESTTBL in the last position and activate it for domain CNM01:

  - ```
    zowe znetview-automation activate automation-table TESTTBL --position LAST --domain CNM01
    ```

zowe › znetview-automation › download

Download automation table statement(s).

zowe › znetview-automation › download › automation-table

Download automation table statements from a data set member to a file on your local system so the contents can be modified and saved again.

Note that unpredictable results can occur in the following situations:

An automation table has syntax errors.

Data REXX is used in the automation table, etc.

Usage

zowe znetview-automation download automation-table <memberName> [options]

Positional Arguments

- `memberName` *(string)*

  - The fully qualified DSIPARM data set and member name.

Options

- `--automation-table-file-path` | `--atfp` *(string)*

  - The path string indicates a file on your local system to which the automation table statements are stored.

    The default value is the file path on your local system as defined in the NetView profile. If the file path is not specified, the automation table statements will be printed on the terminal.

- `--replace` | `-r` *(boolean)*

  - Specifies whether to override the existing file on your local system.

    The default value is false, which means do not override the existing file.

    Default value: false

- `--domain` | `-D` *(string)*

  - The NetView domain to which the request will be sent.

    The default value is the NetView domain to which the NetView REST Server is connected.

NetView Connection Options

- `--host` | `-H` *(string)*

  - The host name of your NetView REST Server.

- `--port` | `-P` *(number)*

  - The port number of your NetView REST Server.

    Default value: 3275

- `--user` | `-u` *(string)*

  - The user name to authenticate to your NetView REST Server.

- `--password` | `--pw` *(string)*

  - The password to authenticate to your NetView REST Server.

- `--token-type` | `--tt` *(string)*

  - The type of the token to authenticate to your NetView REST Server.

- `--token-value` | `--tv` *(string)*

  - The value of the token to authenticate to your NetView REST Server.

- `--base-path` | `--bp` *(string)*

  - The base path for your Zowe API Mediation Layer instance. Specify this option to prepend the base path to NetView REST service when making REST requests to the Zowe API Mediation Layer.

    Note: Do not specify this option if you are not using the Zowe API Mediation Layer.

Profile Options

- `--znetview-profile` | `--znetview-p` *(string)*

  - The name of a (znetview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Download the automation table member from the specified data set for domain CNM01:

  - ```
    zowe znetview-automation download automation-table "user.init(testtbl)" --
    domain CNM01
    ```

- Download the automation table member from the specified data set for domain CNM01:

  - ```
    zowe znetview-automation download automation-table "user.init(testtbl)" --
    automation-table-file-path "/tmp/auto/testtbl" --replace true --domain CNM01
    ```

zowe › znetview-automation › list

List the automation table statistics.

zowe › znetview-automation › list › automation-table-statistics

Retrieve automation table statistics for the specified member and report type.

Usage

zowe znetview-automation list automation-table-statistics <tableName> [options]

Positional Arguments

- `tableName` *(string)*

  - The automation table name which you'd like to retrieve the statistics.

Required Options

- `--report-type` | `--rt` *(string)*

  - Specifies the type of report requested:

    MSG

    Requests information and statistics on message-type automation statements.

    MSU

    Requests information and statistics on Management Services Unit (MSU) type automation statements.

    BOTH

    Requests a report containing both message and MSU information.

Allowed values: MSG, MSU, BOTH

Options

- `--domain` | `-D` *(string)*

  - The NetView domain to which the request will be sent.

    The default value is the NetView domain to which the NetView REST Server is connected.

NetView Connection Options

- `--host` | `-H` *(string)*

  - The host name of your NetView REST Server.

- `--port` | `-P` *(number)*

  - The port number of your NetView REST Server.

    Default value: 3275

- `--user` | `-u` *(string)*

  - The user name to authenticate to your NetView REST Server.

- `--password` | `--pw` *(string)*

  - The password to authenticate to your NetView REST Server.

- `--token-type` | `--tt` *(string)*

  - The type of the token to authenticate to your NetView REST Server.

- `--token-value` | `--tv` *(string)*

  - The value of the token to authenticate to your NetView REST Server.

- `--base-path` | `--bp` *(string)*

  - The base path for your Zowe API Mediation Layer instance. Specify this option to prepend the base path to NetView REST service when making REST requests to the Zowe API Mediation Layer.

    Note: Do not specify this option if you are not using the Zowe API Mediation Layer.

Profile Options

- `--znetview-profile` | `--znetview-p` *(string)*

  - The name of a (znetview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- List all statistics for automation table TESTTBL for domain CNM01:

  - `zowe znetview-automation list automation-table-statistics TESTTBL --report-type BOTH --domain CNM01`

zowe › znetview-automation › test

Run a simulated automation table test for a Canzlog message.

zowe › znetview-automation › test › automation-table

Replay a recorded Canzlog message and its attributes. You can either provide an automation table name or specify the path of the local file which stores the automation table statements for testing, but you can't provide both parameters at the same time.

Note: Both the recorded member name AND a file or member that contains 1 automation table statement are valid parameters.

Usage

zowe znetview-automation test automation-table [options]

Required Options

- `--record-member-name` | `--rmn` *(string)*

    - The member name to which the message was recorded.

Options

- `--automation-table-file-path` | `--atfp` *(string)*

    - The path string indicates a file on your local system where the automation table statement to be used for testing is stored.

        This is an alternative option for --automation-table-name.

- `--automation-table-name` | `--atn` *(string)*

    - The name of the automation table member to be used for testing.

        This is an alternative option for --automation-table-file-path.

- `--domain` | `-D` *(string)*

    - The NetView domain to which the request will be sent.

        The default value is the NetView domain to which the NetView REST Server is connected.

NetView Connection Options

- `--host` | `-H` *(string)*

    - The host name of your NetView REST Server.

- `--port` | `-P` *(number)*

    - The port number of your NetView REST Server.

        Default value: 3275

- `--user` | `-u` *(string)*

    - The user name to authenticate to your NetView REST Server.

- `--password` | `--pw` *(string)*

  - The password to authenticate to your NetView REST Server.

- `--token-type` | `--tt` *(string)*

  - The type of the token to authenticate to your NetView REST Server.

- `--token-value` | `--tv` *(string)*

  - The value of the token to authenticate to your NetView REST Server.

- `--base-path` | `--bp` *(string)*

  - The base path for your Zowe API Mediation Layer instance. Specify this option to prepend the base path to NetView REST service when making REST requests to the Zowe API Mediation Layer.

    Note: Do not specify this option if you are not using the Zowe API Mediation Layer.

Profile Options

- `--znetview-profile` | `--znetview-p` *(string)*

  - The name of a (znetview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Test the automation table statements in the file on your local system /tmp/at/test with the message recording member TESTREC from domain CNM01:

  - `zowe znetview-automation test automation-table --record-member-name TESTREC --automation-table-file-path "/tmp/at/test" --domain CNM01`

- Test the automation table statements in the automation table member TESTTBL with the message recording member TESTREC from domain CNM01.:

  - `zowe znetview-automation test automation-table --record-member-name TESTREC --automation-table-name TESTTBL --domain CNM01`

zowe › znetview-automation › upload

Upload automation table statement(s).

zowe › znetview-automation › upload › automation-table

Upload automation table statement(s) into the specified data set and member.

Usage

zowe znetview-automation upload automation-table <memberName> [options]

Positional Arguments

- `memberName` *(string)*

  - The fully qualified DSIPARM data set and member name.

Required Options

- `--automation-table-file-path` | `--atfp` *(string)*

  - The path string indicates a file on your local system in which stores the automation table statements are stored that will be uploaded.

    The default value is the file path on your local system as defined in the NetView profile.

Options

- `--append` | `-a` *(boolean)*

  - Specifies whether to append the new statement(s) to an existing automation table member.

The default value is false, which means that the member will be replaced.

Default value: false

- `--domain` | `-D` *(string)*

  - The NetView domain to which the request will be sent.

    The default value is the NetView domain to which the NetView REST Server is connected.

NetView Connection Options

- `--host` | `-H` *(string)*

  - The host name of your NetView REST Server.

- `--port` | `-P` *(number)*

  - The port number of your NetView REST Server.

    Default value: 3275

- `--user` | `-u` *(string)*

  - The user name to authenticate to your NetView REST Server.

- `--password` | `--pw` *(string)*

  - The password to authenticate to your NetView REST Server.

- `--token-type` | `--tt` *(string)*

  - The type of the token to authenticate to your NetView REST Server.

- `--token-value` | `--tv` *(string)*

  - The value of the token to authenticate to your NetView REST Server.

- `--base-path` | `--bp` *(string)*

  - The base path for your Zowe API Mediation Layer instance. Specify this option to prepend the base path to NetView REST service when making REST requests to the Zowe API Mediation Layer.

    Note: Do not specify this option if you are not using the Zowe API Mediation Layer.

Profile Options

- `--znetview-profile` | `--znetview-p` *(string)*

  - The name of a (znetview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Upload the specified local file with automation table statements and append the statements todataset USER.INIT (TESTTBL) on the system from domain CNM01:

  - ```
    zowe znetview-automation upload automation-table "user.init(testtbl)" --
    automation-table-file-path "/tmp/auto/testtbl" --append true --domain cnm01
    ```

zowe › znetview-automation › validate

Validate an automation table.

zowe › znetview-automation › validate › automation-table

Validate an automation table.

Usage

zowe znetview-automation validate automation-table [options]

Required Options

- `--automation-table-file-path` | `--atfp` *(string)*

  - The path string indicates a file on your local system which stores the automation table statement(s) for validation.

    The default value is the file path on your local system as defined in the NetView profile.

Options

- `--domain` | `-D` *(string)*

  - The NetView domain to which the request will be sent.

    The default value is the NetView domain to which the NetView REST Server is connected.

NetView Connection Options

- `--host` | `-H` *(string)*

  - The host name of your NetView REST Server.

- `--port` | `-P` *(number)*

  - The port number of your NetView REST Server.

    Default value: 3275

- `--user` | `-u` *(string)*

  - The user name to authenticate to your NetView REST Server.

- `--password` | `--pw` *(string)*

  - The password to authenticate to your NetView REST Server.

- `--token-type` | `--tt` *(string)*

  - The type of the token to authenticate to your NetView REST Server.

- `--token-value` | `--tv` *(string)*

  - The value of the token to authenticate to your NetView REST Server.

- `--base-path` | `--bp` *(string)*

- The base path for your Zowe API Mediation Layer instance. Specify this option to prepend the base path to NetView REST service when making REST requests to the Zowe API Mediation Layer.

    Note: Do not specify this option if you are not using the Zowe API Mediation Layer.

Profile Options

- `--znetview-profile` | `--znetview-p` *(string)*

    - The name of a (znetview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Check the syntax for the automation table statements in the file /tmp/at/test on your local system from domain CNM01.:

    - `zowe znetview-automation validate automation-table --automation-table-file-path "/tmp/at/test" --domain CNM01`

zowe › znetview-base

Perform basic NetView operations.

zowe › znetview-base › auth

Connect to the NetView REST Server authentication service and obtain a token, or disconnect from the NetView REST Server and revoke the token.

zowe › znetview-base › auth › login

Log in to the NetView REST Server authentication service and obtain a token. When you log in to the NetView REST Server authentication service without any option, the token will be stored in your default NetView profile until it expires.

Usage

zowe znetview-base auth login [options]

Options

- `--show-token` | `--st` *(boolean)*

  - Displays the token when the login is successful and does not save the token in a profile.

    Default value: false

NetView Connection Options

- `--host` | `-H` *(string)*

  - The host name of your NetView REST Server.

- `--port` | `-P` *(number)*

  - The port number of your NetView REST Server.

- `--user` | `-u` *(string)*

  - The user name to authenticate to your NetView REST Server.

- `--password` | `--pw` *(string)*

  - The password to authenticate to your NetView REST Server.

- `--token-type` | `--tt` *(string)*

  - The type of the token to authenticate to your NetView REST Server. The only token type that is valid when using NetView REST Server authentication is JSESSIONID.

- `--token-value` | `--tv` *(string)*

  - The value of the token to authenticate to your NetView REST Server.

- `--base-path` | `--bp` *(string)*

  - The base path for your Zowe API Mediation Layer instance. Specify this option to prepend the base path to NetView REST service when making REST requests to the Zowe API Mediation Layer.

    Note: Do not specify this option if you are not using the Zowe API Mediation Layer.

Profile Options

- `--znetview-profile` | `--znetview-p` *(string)*

  - The name of a (znetview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Log in to the NetView REST Server. The authentication token will be stored in your default NetView profile.:

- `zowe znetview-base auth login`

- Log in to the NetView REST Server. The authentication token will not be stored in your default NetView profile:

  - `zowe znetview-base auth login --show-token`

zowe › znetview-base › auth › logout

Log out of the NetView REST Server. The authentication token is revoked and removed from the default NetView profile, if the token was stored there.

Usage

zowe znetview-base auth logout [options]

NetView Connection Options

- `--host` | `-H` *(string)*

  - The host name of your NetView REST Server.

- `--port` | `-P` *(number)*

  - The port number of your NetView REST Server.

- `--user` | `-u` *(string)*

  - The user name to authenticate to your NetView REST Server.

- `--password` | `--pw` *(string)*

  - The password to authenticate to your NetView REST Server.

- `--token-type` | `--tt` *(string)*

  - The type of the token to authenticate to your NetView REST Server. The only token type that is valid when using NetView REST Server authentication is JSESSIONID.

- `--token-value` | `--tv` *(string)*

  - The value of the token to authenticate to your NetView REST Server.

- `--base-path` | `--bp` *(string)*

  - The base path for your Zowe API Mediation Layer instance. Specify this option to prepend the base path to NetView REST service when making REST requests to the

Zowe API Mediation Layer.

Note: Do not specify this option if you are not using the Zowe API Mediation Layer.

Profile Options

- `--znetview-profile` | `--znetview-p` *(string)*

    - The name of a (znetview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Log out of the NetView REST Server to revoke the authentication token that is in use and remove it from your default NetView profile:

    - `zowe znetview-base auth logout`

- Log out of NetView REST Server to revoke the token that is specified in the --token-value option, in case you logged in to the NetView REST Server with the --show-token option:

    - `zowe znetview-base auth logout --token-value xxxxxxxxxxxxxxxxxxxxx`

zowe › znetview-base › issue

Issue NetView commands

Issue NetView commands and display responses. This REST API will not work for every NetView command. Any command that provides outputs in a panel will not be retrieved.

Note: No specific formatting has been done for command output.

Usage

zowe znetview-base issue command <commandText> [options]

Positional Arguments

- `commandText` *(string)*

  - The command sent to NetView program. Some command line environments have problems with certain special characters. If your command text contains any of these characters, you may need to put your command in single quotes instead of double quotes.

Options

- `--domain` | `-D` *(string)*

  - The NetView domain to which the request will be sent.

    The default is the NetView domain to which the NetView REST Server is connected.

NetView Connection Options

- `--host` | `-H` *(string)*

  - The host name of your NetView REST Server.

- `--port` | `-P` *(number)*

  - The port number of your NetView REST Server.

- `--user` | `-u` *(string)*

  - The user name to authenticate to your NetView REST Server.

- `--password` | `--pw` *(string)*

  - The password to authenticate to your NetView REST Server.

- `--token-type` | `--tt` *(string)*

- The type of the token to authenticate to your NetView REST Server. The only token type that is valid when using NetView REST Server authentication is JSESSIONID.

- `--token-value` | `--tv` *(string)*

  - The value of the token to authenticate to your NetView REST Server.

- `--base-path` | `--bp` *(string)*

  - The base path for your Zowe API Mediation Layer instance. Specify this option to prepend the base path to NetView REST service when making REST requests to the Zowe API Mediation Layer.

    Note: Do not specify this option if you are not using the Zowe API Mediation Layer.

Profile Options

- `--znetview-profile` | `--znetview-p` *(string)*

  - The name of a (znetview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Issue NetView command "lista" for domain CNM01:

  - ```
    zowe znetview-base issue command "lista" --domain CNM01
    ```

zowe › znetview-base › list

List Canzlog messages, task utilization information, and active NetView domains.

zowe › znetview-base › list › canzlog

List a message or a set of messages from Canzlog.

Usage

zowe znetview-base list canzlog <requestType> [options]

Positional Arguments

- `requestType` *(string)*

  - Specifies the type of request to be used to retrieve Canzlog messages.
    The following values are valid:

    czid

    timestamp

    timerange

    recent

Options

- `--begin` | `--beg` *(string)*

  - The specific time for the request type 'timestamp' or the start time for the request type
    'timerange', in format of "mm/dd/yy hh:mm:ss".

    Note: It is required for the request types 'timerange' and 'timestamp'.

- `--direction` | `--dir` *(string)*

  - Specifies which direction, backward or forward, for which to retrieve additional Canzlog
    messages.

    Note: This is valid for request types 'czid', 'timestamp'.

    Default value: fwd
    Allowed values: fwd, bwd

- `--domain` | `-D` *(string)*

  - The NetView domain to which the request will be sent.

    The default is the NetView domain to which the NetView REST Server is connected.

- `--end` *(string)*

  - The end time for the request type time range, in format of "mm/dd/yy hh:mm:ss".

    Note: It is required for the request type 'timerange'.

- `--id` *(number)*

  - The CZID of the message you're retrieving.

    Note: It is required for the request type 'CZID'.

- `--number` | `--num` *(string)*

  - Specifies the number of messages to retrieve.

    Note: This is valid for request types 'czid', 'timestamp' and 'recent'.

    Default value: 1

- `--show-details` | `--sd` *(boolean)*

  - Specifies if you want to display all attribute data of the Canzlog messages.

    Default value: false

NetView Connection Options

- `--host` | `-H` *(string)*

  - The host name of your NetView REST Server.

- `--port` | `-P` *(number)*

  - The port number of your NetView REST Server.

- `--user` | `-u` *(string)*

  - The user name to authenticate to your NetView REST Server.

- `--password` | `--pw` *(string)*

- The password to authenticate to your NetView REST Server.

- `--token-type` | `--tt` *(string)*

  - The type of the token to authenticate to your NetView REST Server. The only token type that is valid when using NetView REST Server authentication is JSESSIONID.

- `--token-value` | `--tv` *(string)*

  - The value of the token to authenticate to your NetView REST Server.

- `--base-path` | `--bp` *(string)*

  - The base path for your Zowe API Mediation Layer instance. Specify this option to prepend the base path to NetView REST service when making REST requests to the Zowe API Mediation Layer.

    Note: Do not specify this option if you are not using the Zowe API Mediation Layer.

Profile Options

- `--znetview-profile` | `--znetview-p` *(string)*

  - The name of a (znetview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- List 3 Canzlog messages starting with the message specified by czid and retrieving the next 2 messages for domain CNM01:

  - `zowe znetview-base list canzlog czid --id 237766 --direction fwd --number 3 --domain CNM01`

- List 4 Canzlog messages starting with the message specified by the timestamp and retrieving the previous 3 messages for domain CNM01:

  - `zowe znetview-base list canzlog timestamp --begin "09/10/20 00:00:00" --direction bwd --number 4 --domain CNM01`

- List Canzlog messages specified by the timerange for domain CNM01:

  - `zowe znetview-base list canzlog timerange –-begin "09/10/20 00:00:00" --end "09/10/20 00:10:00" --domain CNM01`

- List the 2 most recent Canzlog messages for domain CNM01:

  - `zowe znetview-base list canzlog recent --number 2 --domain CNM01`

zowe › znetview-base › list › domains

List data about active NetView domains in a sysplex or active domains configured to the enterprise master NetView program. The command that NetView program is running is LIST STATUS=XCFGRPS, which returns a list of z/OS® XCF groups in which the NetView program participates. Note: The DISCOVERY Tower must be enabled to retrieve data from other NetView domains configured to the enterprise master NetView program.

Usage

zowe znetview-base list domains [options]

Options

- `--domain` | `-D` *(string)*

  - The NetView domain to which the request will be sent.

    The default is the NetView domain to which the NetView REST Server is connected.

NetView Connection Options

- `--host` | `-H` *(string)*

  - The host name of your NetView REST Server.

- `--port` | `-P` *(number)*

    - The port number of your NetView REST Server.

- `--user` | `-u` *(string)*

    - The user name to authenticate to your NetView REST Server.

- `--password` | `--pw` *(string)*

    - The password to authenticate to your NetView REST Server.

- `--token-type` | `--tt` *(string)*

    - The type of the token to authenticate to your NetView REST Server. The only token type that is valid when using NetView REST Server authentication is JSESSIONID.

- `--token-value` | `--tv` *(string)*

    - The value of the token to authenticate to your NetView REST Server.

- `--base-path` | `--bp` *(string)*

    - The base path for your Zowe API Mediation Layer instance. Specify this option to prepend the base path to NetView REST service when making REST requests to the Zowe API Mediation Layer.

        Note: Do not specify this option if you are not using the Zowe API Mediation Layer.

Profile Options

- `--znetview-profile` | `--znetview-p` *(string)*

    - The name of a (znetview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › znetview-base › list › task-info

Lists the CPU utilization, storage utilization, number of queued messages, and the running command (if available) for active NetView tasks.

Usage

zowe znetview-base list task-info [options]

Options

- `--domain` | `-D` *(string)*

  - The NetView domain to which the request will be sent.

    The default is the NetView domain to which the NetView REST Server is connected.

NetView Connection Options

- `--host` | `-H` *(string)*

  - The host name of your NetView REST Server.

- `--port` | `-P` *(number)*

  - The port number of your NetView REST Server.

- `--user` | `-u` *(string)*

  - The user name to authenticate to your NetView REST Server.

- `--password` | `--pw` *(string)*

  - The password to authenticate to your NetView REST Server.

- `--token-type` | `--tt` *(string)*

  - The type of the token to authenticate to your NetView REST Server. The only token type that is valid when using NetView REST Server authentication is JSESSIONID.

- `--token-value` | `--tv` *(string)*

  - The value of the token to authenticate to your NetView REST Server.

- `--base-path` | `--bp` *(string)*

  - The base path for your Zowe API Mediation Layer instance. Specify this option to prepend the base path to NetView REST service when making REST requests to the Zowe API Mediation Layer.

    Note: Do not specify this option if you are not using the Zowe API Mediation Layer.

Profile Options

- `--znetview-profile` | `--znetview-p` *(string)*

  - The name of a (znetview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- List the task utilization information from domain CNM01:

  - ```
    zowe znetview-base list task-info —-domain CNM01
    ```

zowe › znetview-base › record

Record a Canzlog message and its message attributes.

zowe › znetview-base › record › canzlog

Record the Canzlog message and its message attributes in the topmost concatenated DSIASRC DD data set.

The recording contains all the relevant information about the message that can be retrieved from Canzlog, and much of the information is in a non-readable format.

This step should be done as soon as the Canzlog message are successfully retrieved, because the message could become unavailable in a short time.

Usage

zowe znetview-base record canzlog <czid> [options]

Positional Arguments

- `czid` *(string)*

    - The CZID of the message to be recorded.

Required Options

- `--record-member-name` | `--rmn` *(string)*

    - Specifies the member name in the DSIASRC data set where the Canzlog message and its message attributes are stored.

Options

- `--domain` | `-D` *(string)*

    - The NetView domain to which the request will be sent.

        The default is the NetView domain to which the NetView REST Server is connected.

NetView Connection Options

- `--host` | `-H` *(string)*

    - The host name of your NetView REST Server.

- `--port` | `-P` *(number)*

- - The port number of your NetView REST Server.

- `--user` | `-u` *(string)*

  - The user name to authenticate to your NetView REST Server.

- `--password` | `--pw` *(string)*

  - The password to authenticate to your NetView REST Server.

- `--token-type` | `--tt` *(string)*

  - The type of the token to authenticate to your NetView REST Server. The only token type that is valid when using NetView REST Server authentication is JSESSIONID.

- `--token-value` | `--tv` *(string)*

  - The value of the token to authenticate to your NetView REST Server.

- `--base-path` | `--bp` *(string)*

  - The base path for your Zowe API Mediation Layer instance. Specify this option to prepend the base path to NetView REST service when making REST requests to the Zowe API Mediation Layer.

    Note: Do not specify this option if you are not using the Zowe API Mediation Layer.

Profile Options

- `--znetview-profile` | `--znetview-p` *(string)*

  - The name of a (znetview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--cert-file` *(local file path)*

- The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Record a canzlog message from domain CNM01 and store them to member TESTREC:

  - `zowe znetview-base record canzlog 237766 --record-member-name TESTREC --domain CNM01`

zowe › znetview-network

Monitor your network with the NetView program.

zowe › znetview-network › list

List distributed Dynamic Virtual IP Address (DDVIPA) data.

zowe › znetview-network › list › ddvipa-health

List health information for distributed Dynamic Virtual IP Addresses (DDVIPAs).

Usage

zowe znetview-network list ddvipa-health [options]

Options

- `--domain` | `-D` *(string)*

    - The NetView domain to which the request will be sent.

        The default is the NetView domain to which the NetView REST Server is connected.

- `--dvipa` | `--dv` *(string)*

    - The IP address for the requested DVIPA.

- `--dvipa-port` | `--dp` *(number)*

    - The port number for the DVIPA.

NetView Connection Options

- `--host` | `-H` *(string)*

    - The host name of your NetView REST Server.

- `--port` | `-P` *(number)*

    - The port number of your NetView REST Server.

        Default value: 3275

- `--user` | `-u` *(string)*

  - The user name to authenticate to your NetView REST Server.

- `--password` | `--pw` *(string)*

  - The password to authenticate to your NetView REST Server.

- `--token-type` | `--tt` *(string)*

  - The type of the token to authenticate to your NetView REST Server.

- `--token-value` | `--tv` *(string)*

  - The value of the token to authenticate to your NetView REST Server.

- `--base-path` | `--bp` *(string)*

  - The base path for your Zowe API Mediation Layer instance. Specify this option to prepend the base path to NetView REST service when making REST requests to the Zowe API Mediation Layer.

    Note: Do not specify this option if you are not using the Zowe API Mediation Layer.

Profile Options

- `--znetview-profile` | `--znetview-p` *(string)*

  - The name of a (znetview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

- The file path to a certificate key file to use for authentication

Examples

- List the DDVIPA health data from domain CNM01 and filter the data by DVIPA IP 201.2.10.20, and port 623.:

  - ```
    zowe znetview-network list ddvipa-health --dvipa 201.2.10.20 --dvipa-port
    623 --domain CNM01
    ```

zowe › znetview-network › list › ddvipa-stats

List information on the percentage of connections distributed to a specific IP address and port in comparison to the Workload Manager (WLM) recommended distribution percentage. The Workload Manager related information is also displayed. Several parameters are provided for filtering the data.

Usage

zowe znetview-network list ddvipa-stats [options]

Options

- `--begin` | `--beg` *(string)*

  - The range of sampling interval start times in "mm/dd/yy hh:mm:ss" format. An STCK value can also be specified.

- `--domain` | `-D` *(string)*

  - The NetView domain to which the request will be sent.

    The default is the NetView domain to which the NetView REST Server is connected.

- `--dvipa` | `--dv` *(string)*

  - The IP address for the requested DVIPA.

- `--dvipa-port` | `--dp` *(number)*

  - The port number for the DVIPA.

- `--end` *(string)*

  - The range of sampling interval end times in "mm/dd/yy hh:mm:ss" format. An STCK value can also be specified.

- `--interval` | `--in` *(number)*

    - The number of sampling intervals for which to return data, beginning with the most recent data available.

- `--record-num` | `--rn` *(number)*

    - The number of records to display.

- `--system` | `-s` *(string)*

    - The z/OS system name. The wildcard character (*) is supported at the end of the string.

- `--tcp-name` | `--tcp` *(string)*

    - The TCP/IP stack name. The wildcard character (*) is supported at the end of the string.

NetView Connection Options

- `--host` | `-H` *(string)*

    - The host name of your NetView REST Server.

- `--port` | `-P` *(number)*

    - The port number of your NetView REST Server.

        Default value: 3275

- `--user` | `-u` *(string)*

    - The user name to authenticate to your NetView REST Server.

- `--password` | `--pw` *(string)*

    - The password to authenticate to your NetView REST Server.

- `--token-type` | `--tt` *(string)*

    - The type of the token to authenticate to your NetView REST Server.

- `--token-value` | `--tv` *(string)*

    - The value of the token to authenticate to your NetView REST Server.

- `--base-path` | `--bp` *(string)*

- The base path for your Zowe API Mediation Layer instance. Specify this option to prepend the base path to NetView REST service when making REST requests to the Zowe API Mediation Layer.

    Note: Do not specify this option if you are not using the Zowe API Mediation Layer.

Profile Options

- `--znetview-profile` | `--znetview-p` *(string)*

    - The name of a (znetview) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- List the DDVIPA statistics from domain CNM01 and filter the data by system NMPIPL12, DVIPA IP 201.2.10.20, and port 623.:

    - `zowe znetview-network list ddvipa-stats --dvipa 201.2.10.20 --dvipa-port 623 --system NMPIPL12 --domain CNM01`

zowe › zos-console

Interact with z/OSMF console services. Issue z/OS console commands and collect responses. z/OS console services establishes extended MCS (EMCS) consoles on behalf of the user, which are used to issue the commands and collect responses.

Important! Before you use commands in the zos-console command group, ensure that you understand the implications of issuing z/OS console commands in your environment.

zowe › zos-console › collect

z/OSMF console services provides a command response key upon successful issue of a console command. You can use this key to collect additional console message responses.

zowe › zos-console › collect › sync-responses

The z/OSMF console REST APIs return a "solicited response key" after successfully issuing a synchronous console command that produces solicited responses. You can use the "solicited response key"on the "sync-responses" command to collect any additional outstanding solicited responses from the console the command was issued.

In general, when issuing a z/OS console command, z/OS applications route responses to the originating console. The command response messages are referred to as "solicited command responses" (i.e. direct responses to the command issued). When issuing a z/OS console command using Zowe CLI, collection of all solicited command responses is attempted by default. However, there is no z/OS mechanism that indicates the total number of response messages that may be produced from a given command. Therefore, the Zowe CLI console APIs return a "solicited response key" that can be used to "follow-up" and collect any additional solicited command responses.

Usage

zowe zos-console collect sync-responses <responsekey> [options]

Positional Arguments

- `responsekey` *(string)*

  - The "solicited response key" provided in response to a previously issued console command. Used by the z/OSMF console API to collect any additional outstanding

solicited responses from a previously issued console command. Must match regular expression: `^\[a\-zA\-Z0\-9\]\+$`

Options

- `--console-name` | `--cn` | `-c` *(string)*

  - The name of the z/OS extended MCS console to direct the command. You must have the required authority to access the console specified. You may also specify an arbitrary name, if your installation allows dynamic creation of consoles with arbitrary names.

    Allowed values: ^[a-zA-Z0-9]+$

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

- The protocol used (HTTP or HTTPS)

  Default value: https
  Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Collect any outstanding additional solicited response messages:

  - `zowe zos-console collect sync-responses C4866969`

zowe › zos-console › issue

Issue z/OS console commands and optionally collect responses.

zowe › zos-console › issue › command

Issue a z/OS console command and print command responses (known as "solicited command responses").

In general, when issuing a z/OS console command, z/OS applications route responses to the originating console. The command response messages are referred to as "solicited command responses" (i.e. direct responses to the command issued). When issuing a z/OS console command using Zowe CLI, collection of all solicited command responses is attempted by default. However, there is no z/OS mechanism that indicates the total number of response messages that may be produced from a given command. Therefore, the Zowe CLI console APIs return a "solicited response key" that can be used to "follow-up" and collect any additional solicited command responses.

Zowe CLI will issue "follow-up" API requests by default to collect any additional outstanding solicited command responses until a request returns no additional responses. At that time, Zowe CLI will attempt a final collection attempt. If no messages are present, the command is complete. If additional messages are present, the process is repeated. However, this does not guarantee that all messages produced in direct response (i.e. solicited) have been collected. The z/OS application may produce additional messages in direct response to your command at some point in the future. You can manually collect additional responses using the "command response key" OR specify additional processing options to, for example, delay collection attempts by a specified interval.

Usage

zowe zos-console issue command <commandtext> [options]

Positional Arguments

- `commandtext` *(string)*

    - The z/OS console command to issue.

Options

- `--console-name` | `--cn` | `-c` *(string)*

    - The name of the z/OS extended MCS console to direct the command. You must have the required authority to access the console specified. You may also specify an arbitrary name, if your installation allows dynamic creation of consoles with arbitrary names.

        Allowed values: ^[a-zA-Z0-9]+$

- `--include-details` | `--id` | `-i` *(boolean)*

- Include additional details at the end of the Zowe CLI command response, such as the "command response key" and the z/OSMF command response URL.

- `--key-only` | `--ko` | `-k` *(boolean)*

  - Displays only the "command response key" returned from the z/OSMF console API. You can collect additional messages using the command key with 'zowe zos-console collect sync-responses <key>'. Note that when using this option, you will not be presented with the "first set" of command response messages (if present in the API response). However, you can view them by using the --response-format-json option.

- `--return-first` | `--rf` | `-r` *(boolean)*

  - Indicates that Zowe CLI should return immediately with the response message set returned in the first z/OSMF API request (even if no responses are present). Using this option may result in partial or no response, but quicker Zowe CLI command response time. The z/OSMF console API has an implicit wait when collecting the first set of console command responses, i.e you will normally receive at least one set of response messages.

- `--solicited-keyword` | `--sk` | `-s` *(string)*

  - For solicited responses (direct command responses) the response is considered complete if the keyword specified is present. If the keyword is detected, the command will immediately return, meaning the full command response may not be provided. The key only applies to the first request issued, follow up requests do not support searching for the keyword.

- `--sysplex-system` | `--ss` | `--sys` *(string)*

  - Specifies the z/OS system (LPAR) in the current SYSPLEX (where your target z/OSMF resides) to route the z/OS console command.

- `--wait-to-collect` | `--wtc` | `-w` *(number)*

  - Indicates that Zowe CLI wait at least the specified number of seconds before attempting to collect additional solicited response messages. If additional messages are collected on "follow-up" requests, the timer is reset until an attempt is made that results in no additional response messages.

- `--follow-up-attempts` | `--fua` | `-a` *(number)*

  - Number of request attempts if no response returned.

    Default value: 1

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

    - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

Examples

- Issue a z/OS console command to display the IPL information for the system:

    - `zowe zos-console issue command "D IPLINFO"`

- Issue a z/OS console command to display the local and coordinated universal time and date:

    - `zowe zos-console issue command "D T"`

- Issue a Db2 command to display information about the status and configuration of DDF:

    - `zowe zos-console issue command "\-DB1G DISPLAY DDF"`

zowe › zos-files

Manage z/OS data sets, create data sets, and more.

zowe › zos-files › copy

Copy a data set.

zowe › zos-files › copy › data-set

Copy a data set to another data set

Usage

zowe zos-files copy data-set <fromDataSetName> <toDataSetName> [options]

Positional Arguments

- `fromDataSetName` *(string)*

    - The name of the data set that you want to copy from

- `toDataSetName` *(string)*

    - The name of the data set that you want to copy to (data set must be preallocated)

Options

- `--replace` | `--rep` *(boolean)*

    - Specify this option as true if you wish to replace like-named members in the target dataset

- `--response-timeout` | `--rto` *(number)*

    - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

- The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

Examples

- Copy the data set named 'USER.FROM.SET' to the data set named 'USER.TO.SET':

    - `zowe zos-files copy data-set "USER.FROM.SET" "USER.TO.SET"`

- Copy the data set member named 'USER.FROM.SET(MEM1)' to the data set member named 'USER.TO.SET(MEM2)':

    - `zowe zos-files copy data-set "USER.FROM.SET(mem1)" "USER.TO.SET(mem2)"`

- Copy the data set named 'USER.FROM.SET' to the data set member named 'USER.TO.SET(MEM2)':

    - `zowe zos-files copy data-set "USER.FROM.SET" "USER.TO.SET(mem2)"`

- Copy the data set member named 'USER.FROM.SET(MEM1)' to the data set named 'USER.TO.SET':

    - `zowe zos-files copy data-set "USER.FROM.SET(mem1)" "USER.TO.SET"`

- Copy the data set named 'USER.FROM.SET' to the data set named 'USER.TO.SET' and replace like-named members:

    - `zowe zos-files copy data-set "USER.FROM.SET" "USER.TO.SET" --replace`

zowe › zos-files › create

Create data sets.

zowe › zos-files › create › data-set

Create data sets based on the properties of an existing data set

Usage

zowe zos-files create data-set <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

    - The name of the data set that you want to create

Options

- `--block-size` | `--bs` | `--blksize` *(number)*

    - The block size for the data set (for example, 6160)

- `--data-class` | `--dc` *(string)*

    - The SMS data class to use for the allocation

- `--data-set-type` | `--dst` | `--dsntype` *(string)*

    - The data set type (BASIC, EXTPREF, EXTREQ, HFS, LARGE, PDS, LIBRARY, PIPE)

- `--device-type` | `--dt` | `--unit` *(string)*

    - The device type, also known as 'unit'

- `--directory-blocks` | `--db` | `--dirblks` *(number)*

    - The number of directory blocks (for example, 25)

- `--like` | `--lk` *(string)*

    - Name of an existing data set to base your new data set's properties on

- `--management-class` | `--mc` *(string)*

    - The SMS management class to use for the allocation

- `--primary-space` | `--ps` *(number)*

    - The primary space allocation (for example, 5)

- `--record-format` | `--rf` | `--recfm` *(string)*

  - The record format for the data set (for example, FB for "Fixed Block")

- `--record-length` | `--rl` | `--lrecl` *(number)*

  - The logical record length. Analogous to the length of a line (for example, 80)

- `--secondary-space` | `--ss` *(number)*

  - The secondary space allocation (for example, 1)

- `--show-attributes` | `--pa` *(boolean)*

  - Show the full allocation attributes

- `--size` | `--sz` *(string)*

  - The size of the data set (specified as nCYL or nTRK - where n is the number of cylinders or tracks). Sets the primary allocation (the secondary allocation becomes ~10% of the primary).

- `--storage-class` | `--sc` *(string)*

  - The SMS storage class to use for the allocation

- `--volume-serial` | `--vs` | `--volser` *(string)*

  - The volume serial (VOLSER) on which you want the data set to be placed. A VOLSER is analogous to a drive name on a PC.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

    - The protocol used (HTTP or HTTPS)

        Default value: https
        Allowed values: http, https

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

    - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

Examples

- Create a data set with default parameters and like flag:

    - `zowe zos-files create data-set NEW.DATASET --like EXISTING.DATASET`

- Create a data set with default parameters and like flag and lrecl flag:

    - `zowe zos-files create data-set NEW.DATASET --like EXISTING.DATASET --lrecl 1024`

- Create a data set with type LIBRARY:

    - `zowe zos-files create data-set NEW.DATASET --data-set-type LIBRARY`

zowe › zos-files › create › data-set-binary

Create executable data sets

Usage

zowe zos-files create data-set-binary <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

    - The name of the data set that you want to create

Options

- `--block-size` | `--bs` | `--blksize` *(number)*

    - The block size for the data set (for example, 6160)

        Default value: 27998

- `--data-class` | `--dc` *(string)*

  - The SMS data class to use for the allocation

- `--data-set-type` | `--dst` | `--dsntype` *(string)*

  - The data set type (BASIC, EXTPREF, EXTREQ, HFS, LARGE, PDS, LIBRARY, PIPE)

- `--device-type` | `--dt` | `--unit` *(string)*

  - The device type, also known as 'unit'

- `--directory-blocks` | `--db` | `--dirblks` *(number)*

  - The number of directory blocks (for example, 25)

    Default value: 25

- `--management-class` | `--mc` *(string)*

  - The SMS management class to use for the allocation

- `--primary-space` | `--ps` *(number)*

  - The primary space allocation (for example, 5)

    Default value: 10

- `--record-format` | `--rf` | `--recfm` *(string)*

  - The record format for the data set (for example, FB for "Fixed Block")

    Default value: U

- `--record-length` | `--rl` | `--lrecl` *(number)*

  - The logical record length. Analogous to the length of a line (for example, 80)

    Default value: 27998

- `--secondary-space` | `--ss` *(number)*

  - The secondary space allocation (for example, 1)

- `--show-attributes` | `--pa` *(boolean)*

  - Show the full allocation attributes

- `--size` | `--sz` *(string)*

  - The size of the data set (specified as nCYL or nTRK - where n is the number of cylinders or tracks). Sets the primary allocation (the secondary allocation becomes ~10% of the primary).

- `--storage-class` | `--sc` *(string)*

  - The SMS storage class to use for the allocation

- `--volume-serial` | `--vs` | `--volser` *(string)*

  - The volume serial (VOLSER) on which you want the data set to be placed. A VOLSER is analogous to a drive name on a PC.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Create an empty binary partitioned data set (PDS) with default parameters:

  - `zowe zos-files create data-set-binary NEW.BINARY.DATASET`

- Create an empty binary PDSE using data set type LIBRARY:

  - ```
    zowe zos-files create data-set-binary NEW.BINARY.DATASET --data-set-type
    LIBRARY
    ```

zowe › zos-files › create › data-set-c

Create data sets for C code programming

Usage

zowe zos-files create data-set-c <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

  - The name of the data set that you want to create

Options

- `--block-size` | `--bs` | `--blksize` *(number)*

  - The block size for the data set (for example, 6160)

    Default value: 32760

- `--data-class` | `--dc` *(string)*

  - The SMS data class to use for the allocation

- `--data-set-type` | `--dst` | `--dsntype` *(string)*

  - The data set type (BASIC, EXTPREF, EXTREQ, HFS, LARGE, PDS, LIBRARY, PIPE)

- `--device-type` | `--dt` | `--unit` *(string)*

  - The device type, also known as 'unit'

- `--directory-blocks` | `--db` | `--dirblks` *(number)*

  - The number of directory blocks (for example, 25)

    Default value: 25

- `--management-class` | `--mc` *(string)*

- The SMS management class to use for the allocation

- `--primary-space` | `--ps` *(number)*

  - The primary space allocation (for example, 5)

    Default value: 1

- `--record-format` | `--rf` | `--recfm` *(string)*

  - The record format for the data set (for example, FB for "Fixed Block")

    Default value: VB

- `--record-length` | `--rl` | `--lrecl` *(number)*

  - The logical record length. Analogous to the length of a line (for example, 80)

    Default value: 260

- `--secondary-space` | `--ss` *(number)*

  - The secondary space allocation (for example, 1)

- `--show-attributes` | `--pa` *(boolean)*

  - Show the full allocation attributes

- `--size` | `--sz` *(string)*

  - The size of the data set (specified as nCYL or nTRK - where n is the number of cylinders or tracks). Sets the primary allocation (the secondary allocation becomes ~10% of the primary).

- `--storage-class` | `--sc` *(string)*

  - The SMS storage class to use for the allocation

- `--volume-serial` | `--vs` | `--volser` *(string)*

  - The volume serial (VOLSER) on which you want the data set to be placed. A VOLSER is analogous to a drive name on a PC.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be

terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

    - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

Examples

- Create an empty C code PDS with default parameters:

    - `zowe zos-files create data-set-c NEW.CCODE.DATASET`

- Create an empty C code PDSE using data set type LIBRARY:

    - `zowe zos-files create data-set-c NEW.CCODE.DATASET --data-set-type LIBRARY`

zowe › zos-files › create › data-set-classic

Create classic data sets (JCL, HLASM, CBL, etc...)

Usage

zowe zos-files create data-set-classic <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

    - The name of the data set that you want to create

Options

- `--block-size` | `--bs` | `--blksize` *(number)*

  - The block size for the data set (for example, 6160)

    Default value: 6160

- `--data-class` | `--dc` *(string)*

  - The SMS data class to use for the allocation

- `--data-set-type` | `--dst` | `--dsntype` *(string)*

  - The data set type (BASIC, EXTPREF, EXTREQ, HFS, LARGE, PDS, LIBRARY, PIPE)

- `--device-type` | `--dt` | `--unit` *(string)*

  - The device type, also known as 'unit'

- `--directory-blocks` | `--db` | `--dirblks` *(number)*

  - The number of directory blocks (for example, 25)

    Default value: 25

- `--management-class` | `--mc` *(string)*

  - The SMS management class to use for the allocation

- `--primary-space` | `--ps` *(number)*

  - The primary space allocation (for example, 5)

    Default value: 1

- `--record-format` | `--rf` | `--recfm` *(string)*

  - The record format for the data set (for example, FB for "Fixed Block")

    Default value: FB

- `--record-length` | `--rl` | `--lrecl` *(number)*

  - The logical record length. Analogous to the length of a line (for example, 80)

    Default value: 80

- `--secondary-space` | `--ss` *(number)*

- The secondary space allocation (for example, 1)

- `--show-attributes` | `--pa` *(boolean)*

  - Show the full allocation attributes

- `--size` | `--sz` *(string)*

  - The size of the data set (specified as nCYL or nTRK - where n is the number of cylinders or tracks). Sets the primary allocation (the secondary allocation becomes ~10% of the primary).

- `--storage-class` | `--sc` *(string)*

  - The SMS storage class to use for the allocation

- `--volume-serial` | `--vs` | `--volser` *(string)*

  - The volume serial (VOLSER) on which you want the data set to be placed. A VOLSER is analogous to a drive name on a PC.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Create an empty z/OS 'classic' PDS with default parameters:

  - `zowe zos-files create data-set-classic NEW.CLASSIC.DATASET`

- Create an empty z/OS 'classic' PDSE using data set type LIBRARY:

  - `zowe zos-files create data-set-classic NEW.CLASSIC.DATASET --data-set-type LIBRARY`

zowe › zos-files › create › data-set-partitioned

Create partitioned data sets (PDS)

Usage

zowe zos-files create data-set-partitioned <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

  - The name of the data set that you want to create

Options

- `--block-size` | `--bs` | `--blksize` *(number)*

  - The block size for the data set (for example, 6160)

    Default value: 6160

- `--data-class` | `--dc` *(string)*

  - The SMS data class to use for the allocation

- `--data-set-type` | `--dst` | `--dsntype` *(string)*

  - The data set type (BASIC, EXTPREF, EXTREQ, HFS, LARGE, PDS, LIBRARY, PIPE)

- `--device-type` | `--dt` | `--unit` *(string)*

  - The device type, also known as 'unit'

- `--directory-blocks` | `--db` | `--dirblks` *(number)*

- The number of directory blocks (for example, 25)

    Default value: 5

- `--management-class` | `--mc` *(string)*

  - The SMS management class to use for the allocation

- `--primary-space` | `--ps` *(number)*

  - The primary space allocation (for example, 5)

    Default value: 1

- `--record-format` | `--rf` | `--recfm` *(string)*

  - The record format for the data set (for example, FB for "Fixed Block")

    Default value: FB

- `--record-length` | `--rl` | `--lrecl` *(number)*

  - The logical record length. Analogous to the length of a line (for example, 80)

    Default value: 80

- `--secondary-space` | `--ss` *(number)*

  - The secondary space allocation (for example, 1)

- `--show-attributes` | `--pa` *(boolean)*

  - Show the full allocation attributes

- `--size` | `--sz` *(string)*

  - The size of the data set (specified as nCYL or nTRK - where n is the number of cylinders or tracks). Sets the primary allocation (the secondary allocation becomes ~10% of the primary).

- `--storage-class` | `--sc` *(string)*

  - The SMS storage class to use for the allocation

- `--volume-serial` | `--vs` | `--volser` *(string)*

  - The volume serial (VOLSER) on which you want the data set to be placed. A VOLSER is analogous to a drive name on a PC.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

- The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Create an empty PDS with default parameters:

  - `zowe zos-files create data-set-partitioned NEW.PDS.DATASET`

- Create an empty PDSE using data set type LIBRARY:

  - `zowe zos-files create data-set-partitioned NEW.PDSE.DATASET --data-set-type LIBRARY`

zowe › zos-files › create › data-set-sequential

Create physical sequential data sets (PS)

Usage

zowe zos-files create data-set-sequential <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

  - The name of the data set that you want to create

Options

- `--block-size` | `--bs` | `--blksize` *(number)*

  - The block size for the data set (for example, 6160)

    Default value: 6160

- `--data-class` | `--dc` *(string)*

  - The SMS data class to use for the allocation

- `--device-type` | `--dt` | `--unit` *(string)*

  - The device type, also known as 'unit'

- `--directory-blocks` | `--db` | `--dirblks` *(number)*

  - The number of directory blocks (for example, 25)

- `--management-class` | `--mc` *(string)*

  - The SMS management class to use for the allocation

- `--primary-space` | `--ps` *(number)*

  - The primary space allocation (for example, 5)

    Default value: 1

- `--record-format` | `--rf` | `--recfm` *(string)*

  - The record format for the data set (for example, FB for "Fixed Block")

    Default value: FB

- `--record-length` | `--rl` | `--lrecl` *(number)*

  - The logical record length. Analogous to the length of a line (for example, 80)

    Default value: 80

- `--secondary-space` | `--ss` *(number)*

- The secondary space allocation (for example, 1)

- `--show-attributes` | `--pa` *(boolean)*

  - Show the full allocation attributes

- `--size` | `--sz` *(string)*

  - The size of the data set (specified as nCYL or nTRK - where n is the number of cylinders or tracks). Sets the primary allocation (the secondary allocation becomes ~10% of the primary).

- `--storage-class` | `--sc` *(string)*

  - The SMS storage class to use for the allocation

- `--volume-serial` | `--vs` | `--volser` *(string)*

  - The volume serial (VOLSER) on which you want the data set to be placed. A VOLSER is analogous to a drive name on a PC.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Create an empty physical sequential data set with default parameters:

  - `zowe zos-files create data-set-sequential NEW.PS.DATASET`

zowe › zos-files › create › data-set-vsam

Create a VSAM cluster

Usage

zowe zos-files create data-set-vsam <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

  - The name of the dataset in which to create a VSAM cluster

Options

- `--data-class` | `--dc` *(string)*

  - The SMS data class to use for the allocation

- `--data-set-organization` | `--dso` | `--dsorg` *(string)*

  - The data set organization.

    Default value: INDEXED
    Allowed values: INDEXED, IXD, LINEAR, LIN, NONINDEXED, NIXD, NUMBERED, NUMD, ZFS

- `--management-class` | `--mc` *(string)*

  - The SMS management class to use for the allocation

- `--retain-for` | `--rf` *(number)*

  - The number of days that the VSAM cluster will be retained on the system. You can delete the cluster at any time when neither retain-for nor retain-to is specified.

- `--retain-to` | `--rt` *(string)*

  - The earliest date that a command without the PURGE parameter can delete an entry. Specify the expiration date in the form yyyyddd, where yyyy is a four-digit year (maximum

value: 2155) and ddd is the three-digit day of the year from 001 through 365 (for non-leap years) or 366 (for leap years). You can delete the cluster at any time when neither retain-for nor retain-to is used. You cannot specify both the 'retain-to' and 'retain-for' options.

- `--secondary-space` | `--ss` *(number)*

  - The number of items for the secondary space allocation (for example, 840). The type of item allocated is the same as the type used for the '--size' option. If you do not specify a secondary allocation, a value of ~10% of the primary allocation is used.

- `--show-attributes` | `--pa` *(boolean)*

  - Show the full allocation attributes

- `--size` | `--sz` *(string)*

  - The primary size to allocate for the VSAM cluster. Specify size as the number of items to allocate (nItems). You specify the type of item by keyword.

    Default value: 840KB

- `--storage-class` | `--sc` *(string)*

  - The SMS storage class to use for the allocation

- `--volumes` | `-v` *(string)*

  - The storage volumes on which to allocate a VSAM cluster. Specify a single volume by its volume serial (VOLSER). To specify more than one volume, enclose the option in double-quotes and separate each VOLSER with a space. You must specify the volumes option when your cluster is not SMS-managed.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

- The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

    - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

    - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Create a VSAM data set named "SOME.DATA.SET.NAME" using default values of INDEXED, 840 KB primary storage and 84 KB secondary storage:

  - `zowe zos-files create data-set-vsam SOME.DATA.SET.NAME`

- Create a 5 MB LINEAR VSAM data set named "SOME.DATA.SET.NAME" with 1 MB of secondary space. Show the properties of the data set when it is created:

  - `zowe zos-files create data-set-vsam SOME.DATA.SET.NAME --data-set-organization LINEAR --size 5MB --secondary-space 1 --show-attributes`

- Create a VSAM data set named "SOME.DATA.SET.NAME", which is retained for 100 days:

  - `zowe zos-files create data-set-vsam SOME.DATA.SET.NAME --retain-for 100`

zowe › zos-files › create › uss-directory

Create a UNIX directory.

Usage

zowe zos-files create uss-directory <ussPath> [options]

Positional Arguments

- `ussPath` *(string)*

  - The name of the directory that you want to create.

Options

- `--mode` | `-m` *(string)*

  - Specifies the file permission bits to use when creating the directory.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

- The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Create a USS directory named "testDir" :

  - `zowe zos-files create uss-directory testDir`

- Create a USS directory named "testDir" with mode "rwxrwxrwx" :

  - `zowe zos-files create uss-directory testDir -m rwxrwxrwx`

zowe › zos-files › create › uss-file

Create a UNIX file.

Usage

zowe zos-files create uss-file <ussPath> [options]

Positional Arguments

- `ussPath` *(string)*

  - The name of the file that you want to create.

Options

- `--mode` | `-m` *(string)*

  - Specifies the file permission bits to use when creating the file.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Create a USS file named "test.ext" :

  - `zowe zos-files create uss-file text.txt`

- Create a USS file named "text.txt" with mode "rwxrwxrwx" :

  - `zowe zos-files create uss-file text.txt -m rwxrwxrwx`

zowe › zos-files › create › zos-file-system

Create a z/OS file system.

Usage

zowe zos-files create zos-file-system <fileSystemName> [options]

Positional Arguments

- `fileSystemName` *(string)*

    ○ The name of the file system to create.

Options

- `--cyls-pri` | `--cp` *(number)*

    ○ The number of primary cylinders to allocate for the ZFS.

    Default value: 10

- `--cyls-sec` | `--cs` *(number)*

    ○ The number of secondary cylinders to allocate for the ZFS.

    Default value: 2

- `--data-class` | `--dc` *(string)*

    ○ The SMS data class to use for the allocation

- `--group` | `-g` *(string)*

    ○ The z/OS group ID or GID for the group of the ZFS root directory.

- `--management-class` | `--mc` *(string)*

    ○ The SMS management class to use for the allocation

- `--owner` | `-o` *(string)*

    ○ The z/OS user ID or UID for the owner of the ZFS root directory.

- `--perms` | `-p` *(number)*

    ○ The permissions code for the ZFS root directory.

    Default value: 755

- `--storage-class` | `--sc` *(string)*

  - The SMS storage class to use for the allocation

- `--timeout` | `-t` *(number)*

  - The number of seconds to wait for the underlying "zfsadm format" command to complete. If this command times out, the ZFS may have been created but not formatted correctly.

    Default value: 20

- `--volumes` | `-v` *(array)*

  - The storage volumes on which to allocate the z/OS file system. Specify a single volume by its volume serial (VOLSER). To specify more than one volume, separate each VOLSER with a space. You must specify the volumes option when your cluster is not SMS-managed.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Create a ZFS named "HLQ.MYNEW.ZFS" using default values of 755 permissions, 10 primary and 2 secondary cylinders allocated, and a timeout of 20 seconds:

  - `zowe zos-files create zos-file-system HLQ.MYNEW.ZFS`

- Create a ZFS with 100 primary and 10 secondary cylinders allocated:

  - `zowe zos-files create zos-file-system HLQ.MYNEW.ZFS --cp 100 --cs 10`

- Create a ZFS specifying the volumes that should be used:

  - `zowe zos-files create zos-file-system HLQ.MYNEW.ZFS -v ZFS001 ZFS002`

zowe › zos-files › delete

Delete a data set or Unix System Services file.

zowe › zos-files › delete › data-set

Delete a data set or data set member permanently

Usage

zowe zos-files delete data-set <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

  - The name of the data set that you want to delete

Required Options

- `--for-sure` | `-f` *(boolean)*

  - Specify this option to confirm that you want to delete the data set permanently.

Options

- `--volume` | `--vol` *(string)*

  - The volume serial (VOLSER) where the data set resides. The option is required only when the data set is not catalogued on the system.

- `--response-timeout` | `--rto` *(number)*

- The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Delete the data set named 'ibmuser.cntl':

  - `zowe zos-files delete data-set "ibmuser.cntl" -f`

- Delete the data set member named 'ibmuser.cntl(mem)':

  - `zowe zos-files delete data-set "ibmuser.cntl(mem)" -f`

zowe › zos-files › delete › data-set-vsam

Delete a VSAM cluster permanently

Usage

zowe zos-files delete data-set-vsam <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

- The name of the VSAM cluster that you want to delete

Options

- `--erase` | `-e` *(boolean)*

  - Specify this option to overwrite the data component for the cluster with binary zeros. This option is ignored if the NOERASE attribute was specified when the cluster was defined or altered.

    Default value: false

- `--purge` | `-p` *(boolean)*

  - Specify this option to delete the VSAM cluster regardless of its retention period or date.

    Default value: false

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Required Options

- `--for-sure` | `-f` *(boolean)*

  - Specify this option to confirm that you want to delete the VSAM cluster permanently.

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

- Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

- The value of the token to pass to the API.

Examples

- Delete the VSAM data set named 'ibmuser.cntl.vsam':

  - `zowe zos-files delete data-set-vsam "ibmuser.cntl.vsam" -f`

- Delete all expired VSAM data sets that match 'ibmuser.AAA.**.FFF':

  - `zowe zos-files delete data-set-vsam "ibmuser.AAA.**.FFF" -f`

- Delete a non-expired VSAM data set named 'ibmuser.cntl.vsam':

  - `zowe zos-files delete data-set-vsam "ibmuser.cntl.vsam" -f --purge`

- Delete an expired VSAM data set named 'ibmuser.cntl.vsam' by overwriting the components with zeros:

  - `zowe zos-files delete data-set-vsam "ibmuser.cntl.vsam" -f --erase`

zowe › zos-files › delete › migrated-data-set

Delete migrated data sets.

Usage

zowe zos-files delete migrated-data-set <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

  - The name of the migrated data set you want to delete.

Options

- `--wait` | `-w` *(boolean)*

  - If true then the function waits for completion of the request. If false (default) the request is queued.

    Default value: false

- `--purge` | `-p` *(boolean)*

- If true then the function uses the PURGE=YES on ARCHDEL request. If false (default) the function uses the PURGE=NO on ARCHDEL request.

    Default value: false

- `--response-timeout` | `--rto` *(number)*

    - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

    - The z/OSMF server host name.

- `--port` | `-P` *(number)*

    - The z/OSMF server port.

        Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

    - The protocol used (HTTP or HTTPS)

Default value: https
Allowed values: http, https

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

    - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

Examples

- Delete a migrated data set using default options:

    - `zowe zos-files delete migrated-data-set "USER.DATA.SET"`

zowe › zos-files › delete › uss-file

Delete a Unix Systems Services (USS) File or directory permanently

Usage

zowe zos-files delete uss-file <fileName> [options]

Positional Arguments

- `fileName` *(string)*

  - The name of the file or directory that you want to delete

Required Options

- `--for-sure` | `-f` *(boolean)*

  - Specify this option to confirm that you want to delete the file or directory permanently.

Options

- `--recursive` | `-r` *(boolean)*

  - Delete directories recursively.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Delete the empty directory '/u/ibmuser/testcases':

  - `zowe zos-files delete uss-file "/a/ibmuser/testcases" -f`

- Delete the file named '/a/ibmuser/my_text.txt':

  - ```
    zowe zos-files delete uss-file "/a/ibmuser/testcases/my_text.txt" -f
    ```

- Recursively delete the directory named '/u/ibmuser/testcases':

  - ```
    zowe zos-files delete uss-file "/a/ibmuser/testcases" -rf
    ```

zowe › zos-files › delete › zos-file-system

Delete a z/OS file system permanently.

Usage

zowe zos-files delete zos-file-system <fileSystemName> [options]

Positional Arguments

- `fileSystemName` *(string)*

  - The name of the z/OS file system that you want to delete.

Required Options

- `--for-sure` | `-f` *(boolean)*

  - Specify this option to confirm that you want to delete the ZFS permanently.

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Options

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

Examples

- Delete the z/OS file system 'HLQ.MYNEW.ZFS':

    - ```
zowe zos-files delete zos-file-system "HLQ.MYNEW.ZFS" -f
```

zowe › zos-files › download

Download content from z/OS data sets and USS files to your PC.

zowe › zos-files › download › all-members

Download all members from a partitioned data set to a local folder

Usage

zowe zos-files download all-members <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

    - The name of the data set from which you want to download members

Options

- `--binary` | `-b` *(boolean)*

    - Download the file content in binary mode, which means that no data conversion is performed. The data transfer process returns each line as-is, without translation. No delimiters are added between records.

- `--directory` | `-d` *(string)*

    - The directory to where you want to save the members. The command creates the directory for you when it does not already exist. By default, the command creates a folder

structure based on the data set qualifiers. For example, the data set ibmuser.new.cntl's members are downloaded to ibmuser/new/cntl).

- `--encoding` | `--ec` *(number)*

  - Download the file content with encoding mode, which means that data conversion is performed using the file encoding specified.

- `--extension` | `-e` *(string)*

  - Save the local files with a specified file extension. For example, .txt. Or "" for no extension. When no extension is specified, .txt is used as the default file extension.

- `--fail-fast` | `--ff` *(boolean)*

  - Set this option to false to continue downloading dataset members if one or more fail.

    Default value: true

- `--max-concurrent-requests` | `--mcr` *(number)*

  - Specifies the maximum number of concurrent z/OSMF REST API requests to download members. Increasing the value results in faster downloads. However, increasing the value increases resource consumption on z/OS and can be prone to errors caused by making too many concurrent requests. If the download process encounters an error, the following message displays:
    The maximum number of TSO address spaces have been created. When you specify 0, Zowe CLI attempts to download all members at once without a maximum number of concurrent requests.

    Default value: 1

- `--preserve-original-letter-case` | `--po` *(boolean)*

  - Specifies if the automatically generated directories and files use the original letter case

    Default value: false

- `--record` | `-r` *(boolean)*

  - Download the file content in record mode, which means that no data conversion is performed and the record length is prepended to the data. The data transfer process returns each line as-is, without translation. No delimiters are added between records. Conflicts with binary.

- `--volume-serial` | `--vs` *(string)*

- The volume serial (VOLSER) where the data set resides. You can use this option at any time. However, the VOLSER is required only when the data set is not cataloged on the system. A VOLSER is analogous to a drive name on a PC.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

Default value: https
Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Download the members of the data set "ibmuser.loadlib" in binary mode to the directory "loadlib/":

  - ```
    zowe zos-files download all-members "ibmuser.loadlib" -b -d loadlib
    ```

- Download the members of the data set "ibmuser.cntl" in text mode to the directory "jcl/":

  - ```
    zowe zos-files download all-members "ibmuser.cntl" -d jcl
    ```

zowe › zos-files › download › data-set

Download content from a z/OS data set to a local file

Usage

zowe zos-files download data-set <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

  - The name of the data set that you want to download

Options

- `--binary` | `-b` *(boolean)*

  - Download the file content in binary mode, which means that no data conversion is performed. The data transfer process returns each line as-is, without translation. No delimiters are added between records.

- `--encoding` | `--ec` *(number)*

  - Download the file content with encoding mode, which means that data conversion is performed using the file encoding specified.

- `--extension` | `-e` *(string)*

  - Save the local files with a specified file extension. For example, .txt. Or "" for no extension. When no extension is specified, .txt is used as the default file extension.

- `--file` | `-f` *(string)*

  - The path to the local file where you want to download the content. When you omit the option, the command generates a file name automatically for you.

- `--preserve-original-letter-case` | `--po` *(boolean)*

  - Specifies if the automatically generated directories and files use the original letter case

    Default value: false

- `--record` | `-r` *(boolean)*

  - Download the file content in record mode, which means that no data conversion is performed and the record length is prepended to the data. The data transfer process returns each line as-is, without translation. No delimiters are added between records. Conflicts with binary.

- `--volume-serial` | `--vs` *(string)*

- The volume serial (VOLSER) where the data set resides. You can use this option at any time. However, the VOLSER is required only when the data set is not cataloged on the system. A VOLSER is analogous to a drive name on a PC.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

Default value: https
Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Download the data set "ibmuser.loadlib(main)" in binary mode to the local file "main.obj":

  - ```
    zowe zos-files download data-set "ibmuser.loadlib(main)" -b -f main.obj
    ```

zowe › zos-files › download › uss-file

Download content from a USS file to a local file on your PC

Usage

zowe zos-files download uss-file <ussFileName> [options]

Positional Arguments

- `ussFileName` *(string)*

    - The name of the USS file you want to download

Options

- `--binary` | `-b` *(boolean)*

    - Download the file content in binary mode, which means that no data conversion is performed. The data transfer process returns each line as-is, without translation. No delimiters are added between records.

- `--encoding` | `--ec` *(number)*

    - Download the file content with encoding mode, which means that data conversion is performed using the file encoding specified.

- `--file` | `-f` *(string)*

    - The path to the local file where you want to download the content. When you omit the option, the command generates a file name automatically for you.

- `--response-timeout` | `--rto` *(number)*

    - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

    - The z/OSMF server host name.

- `--port` | `-P` *(number)*

    - The z/OSMF server port.

        Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

    - The protocol used (HTTP or HTTPS)

        Default value: https
        Allowed values: http, https

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

    - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

Examples

- Download the file "/a/ibmuser/my_text.txt" to ./my_text.txt:

  - `zowe zos-files download uss-file "/a/ibmuser/my_text.txt" -f ./my_text.txt`

- Download the file "/a/ibmuser/MyJava.class" to "java/MyJava.class" in binary mode:

  - `zowe zos-files download uss-file "/a/ibmuser/MyJava.class" -b -f "java/MyJava.class"`

zowe › zos-files › invoke

Invoke z/OS utilities such as Access Method Services (AMS).

zowe › zos-files › invoke › ams-file

Submit control statements for execution by Access Method Services (IDCAMS). You can use IDCAMS to create VSAM data sets (CSI, ZFS, etc...), delete data sets, and more. You must format the control statements exactly as the IDCAMS utility expects. For more information about control statements, see the IBM publication 'z/OS DFSMS Access Method Services Commands'.

Usage

zowe zos-files invoke ams-file <controlStatementsFile> [options]

Positional Arguments

- `controlStatementsFile` *(string)*

  - The path to a file that contains IDCAMS control statements. Ensure that your file does not contain statements that are longer than 255 characters (maximum allowed length).

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Options

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

- The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Reads the specified file and submits the controls statements:

  - ```
    zowe zos-files invoke ams-file "./path/to/file/MyControlStatements.idcams"
    ```

zowe › zos-files › invoke › ams-statements

Submit control statements for execution by Access Method Services (IDCAMS). You can use IDCAMS to create VSAM data sets (CSI, ZFS, etc...), delete data sets, and more. You must format the control statements exactly as the IDCAMS utility expects. For more information about control statements, see the IBM publication 'z/OS DFSMS Access Method Services Commands'.

Usage

zowe zos-files invoke ams-statements <controlStatements> [options]

Positional Arguments

- `controlStatements` *(string)*

  - The IDCAMS control statement that you want to submit. Zowe CLI attempts to split the inline control statement at 255 characters.

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Options

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be

terminated and return an error. Allowed values: 5 - 600

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Defines a cluster named 'DUMMY.VSAM.CLUSTER':

  - `zowe zos-files invoke ams-statements "DEFINE CLUSTER ( NAME (DUMMY.VSAM.CLUSTER) CYL(1 1))"`

- Deletes a cluster named 'DUMMY.VSAM.CLUSTER':

  - `zowe zos-files invoke ams-statements "DELETE DUMMY.VSAM.CLUSTER CLUSTER"`

zowe › zos-files › list

List data sets and data set members. Optionally, you can list their details and attributes.

zowe › zos-files › list › all-members

List all members of a partitioned data set. To view additional information about each member, use the --attributes option under the Options section of this help text.

Usage

zowe zos-files list all-members <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

    - The name of the data set for which you want to list the members

Options

- `--attributes` | `-a` *(boolean)*

    - Display more information about each member. Data sets with an undefined record format display information related to executable modules. Variable and fixed block data sets display information about when the members were created and modified.

- `--max-length` | `--max` *(number)*

    - The option --max-length specifies the maximum number of items to return. Skip this parameter to return all items. If you specify an incorrect value, the parameter returns up to 1000 items.

- `--pattern` *(string)*

    - The option --pattern specifies the match pattern used when listing members in a data set. The default is to match against all members, e.g. "*".

- `--response-timeout` | `--rto` *(number)*

    - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

    - The z/OSMF server host name.

- `--port` | `-P` *(number)*

    - The z/OSMF server port.

        Default value: 443

- `--user` | `-u` *(string)*

- Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Show members of the data set "ibmuser.asm":

  - `zowe zos-files list all-members "ibmuser.asm"`

- Show attributes of members of the data set "ibmuser.cntl":

  - `zowe zos-files list all-members "ibmuser.cntl" -a`

- Show the first 5 members of the data set "ibmuser.cntl":

  - `zowe zos-files list all-members "ibmuser.cntl" --max 5`

- Show the first 4 members of the data set "ibmuser.cntl" matching an input pattern":

  - `zowe zos-files list all-members "sys1.maclib" --pattern IJK* --max 4`

zowe › zos-files › list › data-set

List data sets that match a pattern in the data set name

Usage

zowe zos-files list data-set <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

  - The name or pattern of the data set that you want to list

Options

- `--attributes` | `-a` *(boolean)*

  - Display more information about each member. Data sets with an undefined record format display information related to executable modules. Variable and fixed block data sets display information about when the members were created and modified.

- `--max-length` | `--max` *(number)*

  - The option --max-length specifies the maximum number of items to return. Skip this parameter to return all items. If you specify an incorrect value, the parameter returns up to 1000 items.

- `--volume-serial` | `--vs` *(string)*

  - The volume serial (VOLSER) where the data set resides. You can use this option at any time. However, the VOLSER is required only when the data set is not cataloged on the system. A VOLSER is analogous to a drive name on a PC.

- `--start` | `-s` *(string)*

  - An optional search parameter that specifies the first data set name to return in the response document.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Show the data set "ibmuser.asm":

- - `zowe zos-files list data-set "ibmuser.asm"`

- Show attributes of the data set "ibmuser.cntl":

  - `zowe zos-files list data-set "ibmuser.cntl" -a`

- Show all data sets of the user "ibmuser":

  - `zowe zos-files list data-set "ibmuser.*"`

- Show attributes of all data sets of the user "ibmuser":

  - `zowe zos-files list data-set "ibmuser.*" -a`

- Show the first 5 data sets of the user "ibmuser":

  - `zowe zos-files list data-set "ibmuser.cntl" --max 5`

zowe › zos-files › list › file-system

List all mounted filesystems, or the specific filesystem mounted at a given path, or the filesystem with a given filesystem name.

Usage

zowe zos-files list file-system [options]

Options

- `--max-length` | `--max` *(number)*

  - The option --max-length specifies the maximum number of items to return. Skip this parameter to return all items. If you specify an incorrect value, the parameter returns up to 1000 items.

- `--fsname` | `-f` *(string)*

  - Specifies the name of the mounted file system. This option and --path are mutually exclusive.

- `--path` | `-p` *(string)*

  - Specifies the path where the file system is mounted. This option and --fsname are mutually exclusive.

- `--response-timeout` | `--rto` *(number)*

- The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

    - The z/OSMF server host name.

- `--port` | `-P` *(number)*

    - The z/OSMF server port.

      Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

      Default value: true

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

    - The protocol used (HTTP or HTTPS)

      Default value: https
      Allowed values: http, https

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- To list all mounted filesystems:

  - `zowe zos-files list file-system`

- To list filesystems mounted to a specific path:

  - `zowe zos-files list file-system -p /a/ibmuser`

- To list filesystems mounted with a specific name:

  - `zowe zos-files list file-system -f MY.ZFS`

zowe › zos-files › list › uss-files

List USS files and directories in a UNIX file path

Usage

zowe zos-files list uss-files <path> [options]

Positional Arguments

- `path` *(string)*

  - The directory containing the files and directories to be listed

Options

- `--max-length` | `--max` *(number)*

  - The option --max-length specifies the maximum number of items to return. Skip this parameter to return all items. If you specify an incorrect value, the parameter returns up to 1000 items.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

- The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

    - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

    - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

    - The command response output format type. Must be one of the following:

      table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

      list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Show the files and directories in path '/u/ibmuser':

  - `zowe zos-files list uss-files "/u/ibmuser"`

- Show the files and directories in path '/u/ibmuser displaying only the file or directory name:

  - `zowe zos-files list uss-files "/u/ibmuser" --rff name`

- Show the files and directories in path '/u/ibmuser' displaying the headers associated with the file detail:

  - `zowe zos-files list uss-files "/u/ibmuser" --rfh`

zowe › zos-files › migrate

Migrate data sets.

zowe › zos-files › migrate › data-set

Migrate a data set.

Usage

zowe zos-files migrate data-set <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

  - The name of the data set you want to migrate.

Options

- `--wait` | `-w` *(boolean)*

  - If true then the function waits for completion of the request. If false (default) the request is queued.

    Default value: false

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

- The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

    - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

Examples

- Migrate a data set using default options:

    - `zowe zos-files migrate data-set "USER.DATA.SET"`

zowe › zos-files › mount

Mount z/OS UNIX file systems, such as HFS, ZFS, and more. This connects you to USS file systems.

zowe › zos-files › mount › file-system

Mount a UNIX file system on a specified directory.

Usage

zowe zos-files mount file-system <fileSystemName> <mountPoint> [options]

Positional Arguments

- `fileSystemName` *(string)*

    - The name of the file system to mount.

- `mountPoint` *(string)*

    - The directory to use as a mount point.

Options

- `--fs-type` | `--ft` *(string)*

    - Specify the file system type that you are going to mount. The name must match the TYPE operand on a FILESYSTYPE statement in the BPXPRMxx parmlib member for the file system.

        Default value: ZFS

- `--mode` | `-m` *(string)*

    - Specify the mode for mounting the file system (rdonly - read-only, rdwr - read/write).

        Default value: rdonly
        Allowed values: rdonly, rdwr

- `--response-timeout` | `--rto` *(number)*

    - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

    - The z/OSMF server host name.

- `--port` | `-P` *(number)*

- The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

Examples

- Mount a z/OS file system using default options:

    - `zowe zos-files mount file-system MY.ZFS /a/ibmuser/mountdir`

- Mount a hierarchical file system with write access:

    - `zowe zos-files mount file-system MY.HFS /a/ibmuser/mountdir --ft HFS -m rdwr`

zowe › zos-files › recall

Recall migrated data sets.

zowe › zos-files › recall › data-set

Recall a migrated data set.

Usage

zowe zos-files recall data-set <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

    - The name of the data set you want to recall.

Options

- `--wait` | `-w` *(boolean)*

    - If true then the function waits for completion of the request. If false (default) the request is queued.

Default value: false

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Recall a data set using default options:

  - `zowe zos-files recall data-set "USER.DATA.SET"`

zowe › zos-files › rename

Rename a data set or member.

zowe › zos-files › rename › data-set

Rename a data set.

Usage

zowe zos-files rename data-set <beforeDataSetName> <afterDataSetName> [options]

Positional Arguments

- `beforeDataSetName` *(string)*

    - The name of the data set that you want to rename.

- `afterDataSetName` *(string)*

    - The name you want to rename the data set to.

Zosmf Connection Options

- `--host` | `-H` *(string)*

    - The z/OSMF server host name.

- `--port` | `-P` *(number)*

    - The z/OSMF server port.

        Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

    - The protocol used (HTTP or HTTPS)

        Default value: https
        Allowed values: http, https

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Options

- `--response-timeout` | `--rto` *(number)*

    - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

    - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

Examples

- Rename the data set named 'USER.BEFORE.SET' to 'USER.AFTER.SET.':

    - ```
      zowe zos-files rename data-set "USER.BEFORE.SET" "USER.AFTER.SET"
      ```

zowe › zos-files › rename › data-set-member

Rename a data set member.

Usage

zowe zos-files rename data-set-member <dataSetName> <beforeMemberName> <afterMemberName> [options]

Positional Arguments

- `dataSetName` *(string)*

    - The name of the data set the member belongs to.

- `beforeMemberName` *(string)*

    - The name of the data set member that you want to rename.

- `afterMemberName` *(string)*

    - The name you want to rename the data set member to.

Zosmf Connection Options

- `--host` | `-H` *(string)*

    - The z/OSMF server host name.

- `--port` | `-P` *(number)*

    - The z/OSMF server port.

      Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

      Default value: true

- `--base-path` | `--bp` *(string)*

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Options

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- In the data set 'USER.DATA.SET', rename the member named 'MEM1' to 'MEM2'.:

  - `zowe zos-files rename data-set-member "USER.DATA.SET" "MEM1" "MEM2`

zowe › zos-files › unmount

Unmount file systems, such as HFS, ZFS, and more. This disconnects you from USS file systems.

zowe › zos-files › unmount › file-system

Unmount a UNIX file system.

Usage

zowe zos-files unmount file-system <fileSystemName> [options]

Positional Arguments

- `fileSystemName` *(string)*

  - The name of the file system to unmount.

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

- Reject self-signed certificates.

   Default value: true

- `--base-path` | `--bp` *(string)*

   - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

   - The protocol used (HTTP or HTTPS)

      Default value: https
      Allowed values: http, https

- `--cert-file` *(local file path)*

   - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

   - The file path to a certificate key file to use for authentication

Options

- `--response-timeout` | `--rto` *(number)*

   - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

   - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

   - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Unmount a mounted file system:

  - `zowe zos-files unmount file-system MY.FS`

zowe › zos-files › upload

Upload the contents of a file to data sets.

zowe › zos-files › upload › dir-to-pds

Upload files from a local directory to a partitioned data set (PDS)

Usage

zowe zos-files upload dir-to-pds <inputdir> <dataSetName> [options]

Positional Arguments

- `inputdir` *(string)*

  - The path for a local directory that you want to upload to a PDS

- `dataSetName` *(string)*

  - The name of the partitioned data set to which you want to upload the files

Options

- `--binary` | `-b` *(boolean)*

  - Data content in binary mode, which means that no data conversion is performed. The data transfer process returns each record as-is, without translation. No delimiters are added between records.

- `--encoding` | `--ec` *(number)*

- Data content in encoding mode, which means that data conversion is performed according to the encoding specified.

- `--migrated-recall` | `--mr` *(string)*

  - The method by which migrated data set is handled. By default, a migrated data set is recalled synchronously. You can specify the following values: wait, nowait, error

    Default value: nowait

- `--record` | `-r` *(boolean)*

  - Data content in record mode, which means that no data conversion is performed and the record length is prepended to the data. The data transfer process returns each line as-is, without translation. No delimiters are added between records. Conflicts with binary.

- `--volume-serial` | `--vs` *(string)*

  - The volume serial (VOLSER) where the data set resides. You can use this option at any time. However, the VOLSER is required only when the data set is not cataloged on the system. A VOLSER is analogous to a drive name on a PC.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Upload a directory named "src" to a PDS named "ibmuser.src":

  - ```
    zowe zos-files upload dir-to-pds "src" "ibmuser.src"
    ```

- Upload a directory named "src" to a migrated PDS named "ibmuser.src" and wait for it to be recalled:

  - ```
    zowe zos-files upload dir-to-pds "src" "ibmuser.src" --mr wait
    ```

zowe › zos-files › upload › dir-to-uss

Upload a local directory to a USS directory.

An optional .zosattributes file in the source directory can be used to control file conversion and tagging.

An example .zosattributes file:
pattern local-encoding remote-encoding
Don't upload the node_modules directory
.* -
*.jpg binary binary
Convert CICS Node.js profiles to EBCDIC
*.profile ISO8859-1 EBCDIC

Lines starting with the '#' character are comments. Each line can specify up to three positional attributes:

- A pattern to match a set of files. Pattern-matching syntax follows the same rules as those that apply in .gitignore files (note that negated patterns that begin with '!' are not supported). See https://git-scm.com/docs/gitignore#_pattern_format.
- A local-encoding to identify a file's encoding on the local workstation. If '-' is specified for local-encoding,files that match the pattern are not transferred.
- A remote-encoding to specify the file's desired character set on USS. This attribute must either match the local encoding or be set to EBCDIC. If set to EBCDIC, files are transferred in text mode and converted, otherwise they are transferred in binary mode. Remote files are tagged either with the remote encoding or as binary.

Due to a z/OSMF limitation, files that are transferred in text mode are converted to the default EBCDIC code page on the z/OS system. Therefore the only EBCDIC code page to specify as the remote encoding is the default code page for your system.

A .zosattributes file can either be placed in the top-level directory you want to upload, or its location can be specified by using the --attributes parameter. .zosattributes files that are placed in nested directories are ignored.

Usage

zowe zos-files upload dir-to-uss <inputDir> <USSDir> [options]

Positional Arguments

- `inputDir` *(string)*

    - The local directory path that you want to upload to a USS directory

- `USSDir` *(string)*

    - The name of the USS directory to which you want to upload the local directory

Options

- `--binary` | `-b` *(boolean)*

    - Data content in binary mode, which means that no data conversion is performed. The data transfer process returns each record as-is, without translation. No delimiters are added between records.

- `--recursive` | `-r` *(boolean)*

    - Upload all directories recursively.

- `--binary-files` | `--bf` *(string)*

    - Comma separated list of file names to be uploaded in binary mode. Use this option when you upload a directory in default ASCII mode, but you want to specify certain files to be uploaded in binary mode. All files matching specified file names will be uploaded in binary mode. If a .zosattributes file (or equivalent file specified via --attributes) is present, --binary-files will be ignored.

- `--ascii-files` | `--af` *(string)*

    - Comma separated list of file names to be uploaded in ASCII mode. Use this option when you upload a directory with --binary/-b flag, but you want to specify certain files to be uploaded in ASCII mode. All files matching specified file names will be uploaded in ASCII mode. If a .zosattributes file (or equivalent file specified via --attributes) is present, --ascii-files will be ignored.

- `--attributes` | `--attrs` *(string)*

  - Path of an attributes file to control how files are uploaded

- `--max-concurrent-requests` | `--mcr` *(number)*

  - Specifies the maximum number of concurrent z/OSMF REST API requests to upload files. Increasing the value results in faster uploads. However, increasing the value increases resource consumption on z/OS and can be prone to errors caused by making too many concurrent requests. If the upload process encounters an error, the following message displays:
  The maximum number of TSO address spaces have been created. When you specify 0, Zowe CLI attempts to upload all members at once without a maximum number of concurrent requests.

    Default value: 1

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Upload all files from the "local_dir" directory to the "/a/ibmuser/my_dir" USS directory:":

- ```
    zowe zos-files upload dir-to-uss "local_dir" "/a/ibmuser/my_dir"
    ```
- Upload all files from the "local_dir" directory and all its sub-directories, to the "/a/ibmuser/my_dir" USS directory::

  - ```
    zowe zos-files upload dir-to-uss "local_dir" "/a/ibmuser/my_dir" --recursive
    ```
- Upload all files from the "local_dir" directory to the "/a/ibmuser/my_dir" USS directory in default ASCII mode, while specifying a list of file names (without path) to be uploaded in binary mode::

  - ```
    zowe zos-files upload dir-to-uss "local_dir" "/a/ibmuser/my_dir" --binary-files "myFile1.exe,myFile2.exe,myFile3.exe"
    ```
- Upload all files from the "local_dir" directory to the "/a/ibmuser/my_dir" USS directory in binary mode, while specifying a list of file names (without path) to be uploaded in ASCII mode::

  - ```
    zowe zos-files upload dir-to-uss "local_dir" "/a/ibmuser/my_dir" --binary --ascii-files "myFile1.txt,myFile2.txt,myFile3.txt"
    ```
- Recursively upload all files from the "local_dir" directory to the "/a/ibmuser/my_dir" USS directory, specifying files to ignore and file encodings in the local file my_global_attributes::

  - ```
    zowe zos-files upload dir-to-uss "local_dir" "/a/ibmuser/my_dir" --recursive --attributes my_global_attributes
    ```

zowe › zos-files › upload › file-to-data-set

Upload the contents of a file to a z/OS data set

Usage

zowe zos-files upload file-to-data-set <inputfile> <dataSetName> [options]

Positional Arguments

- `inputfile` *(string)*

  - The local file that you want to upload to a data set

- `dataSetName` *(string)*

  - The name of the data set to which you want to upload the file

Options

- `--binary` | `-b` *(boolean)*

  - Data content in binary mode, which means that no data conversion is performed. The data transfer process returns each record as-is, without translation. No delimiters are added between records.

- `--encoding` | `--ec` *(number)*

  - Data content in encoding mode, which means that data conversion is performed according to the encoding specified.

- `--migrated-recall` | `--mr` *(string)*

  - The method by which migrated data set is handled. By default, a migrated data set is recalled synchronously. You can specify the following values: wait, nowait, error

    Default value: nowait

- `--record` | `-r` *(boolean)*

  - Data content in record mode, which means that no data conversion is performed and the record length is prepended to the data. The data transfer process returns each line as-is, without translation. No delimiters are added between records. Conflicts with binary.

- `--volume-serial` | `--vs` *(string)*

  - The volume serial (VOLSER) where the data set resides. You can use this option at any time. However, the VOLSER is required only when the data set is not cataloged on the system. A VOLSER is analogous to a drive name on a PC.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

Examples

- Upload file contents to a sequential data set named "ibmuser.ps":

    - `zowe zos-files upload file-to-data-set "file.txt" "ibmuser.ps"`

- Upload file contents to a PDS member named "ibmuser.pds(mem)":

    - `zowe zos-files upload file-to-data-set "file.txt" "ibmuser.pds(mem)"`

- Upload file contents to a migrated data set and wait for it to be recalled:

    - `zowe zos-files upload file-to-data-set "file.txt" "ibmuser.ps" --mr wait`

zowe › zos-files › upload › file-to-uss

Upload content to a USS file from local file

Usage

zowe zos-files upload file-to-uss <inputfile> <USSFileName> [options]

Positional Arguments

- `inputfile` *(string)*

    - The local file that you want to upload to a USS file

- `USSFileName` *(string)*

    - The name of the USS file to which you want to upload the file

Options

- `--binary` | `-b` *(boolean)*

- Data content in binary mode, which means that no data conversion is performed. The data transfer process returns each record as-is, without translation. No delimiters are added between records.

- `--encoding` | `--ec` *(number)*

  - Data content in encoding mode, which means that data conversion is performed according to the encoding specified.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Upload to the USS file "/a/ibmuser/my_text.txt" from the file "file.txt":

  - `zowe zos-files upload file-to-uss "file.txt" "/a/ibmuser/my_text.txt"`

zowe › zos-files › upload › stdin-to-data-set

Upload the content of a stdin to a z/OS data set

Usage

zowe zos-files upload stdin-to-data-set <dataSetName> [options]

Positional Arguments

- `dataSetName` *(string)*

  - The name of the data set to which you want to upload data

Options

- `--binary` | `-b` *(boolean)*

  - Data content in binary mode, which means that no data conversion is performed. The data transfer process returns each record as-is, without translation. No delimiters are added between records.

- `--migrated-recall` | `--mr` *(string)*

  - The method by which migrated data set is handled. By default, a migrated data set is recalled synchronously. You can specify the following values: wait, nowait, error

    Default value: nowait

- `--record` | `-r` *(boolean)*

  - Data content in record mode, which means that no data conversion is performed and the record length is prepended to the data. The data transfer process returns each line as-is, without translation. No delimiters are added between records. Conflicts with binary.

- `--volume-serial` | `--vs` *(string)*

  - The volume serial (VOLSER) where the data set resides. You can use this option at any time. However, the VOLSER is required only when the data set is not cataloged on the system. A VOLSER is analogous to a drive name on a PC.

- `--response-timeout` | `--rto` *(number)*

  - The maximum amount of time in seconds the z/OSMF Files TSO servlet should run before returning a response. Any request exceeding this amount of time will be terminated and return an error. Allowed values: 5 - 600

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Stream content from stdin to a sequential data set named "ibmuser.ps" from a Windows console:

  - `echo "hello world" | zowe zos-files upload stdin-to-data-set "ibmuser.ps"`

- Stream content from stdin to a partition data set member named "ibmuser.pds(mem)" from a Windows console:

  - `echo "hello world" | zowe zos-files upload stdin-to-data-set "ibmuser.pds(mem)"`

- Stream content from stdin to a migrated data set and wait for it to be recalled from a Windows console:

  - `echo "hello world" | zowe zos-files upload stdin-to-data-set "ibmuser.ps" --mr wait`

zowe › zos-ftp

Data set and job functionality via FTP. This functionality uses the open source zos-node-accessor package from IBM. Commands under this group require you to create a zftp profile before using them.
If you find this functionality useful, please consider setting up z/OSMF on your system to get improved stability and speed and more features (for example, issuing TSO and console commands) by using core Zowe CLI.

zowe › zos-ftp › allocate

Allocate a sequential or partitioned dataset

zowe › zos-ftp › allocate › data-set

Allocate a sequential or partitioned dataset

Usage

zowe zos-ftp allocate data-set <datasetName> [options]

Positional Arguments

- `datasetName` *(string)*

  - The dataset name you'd like to allocate.

Options

- `--dcb` *(string)*

  - DCB parameters for dataset allocation. It's space separated like RECFM=FB LRECL=326 BLKSIZE=23472

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

Required Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

  - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

  - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

  - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

  - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Allocate a dataset "IBMUSER.DATASET":

  - `zowe zos-ftp allocate data-set "IBMUSER.DATASET"`

zowe › zos-ftp › delete

Delete data sets, jobs, and USS files

zowe › zos-ftp › delete › data-set

Delete a data set

Usage

zowe zos-ftp delete data-set <dataSet> [options]

Positional Arguments

- `dataSet` *(string)*

  - The data set (PDS member or physical sequential data set) which you would like to delete.

Required Options

- `--for-sure` | `-f` *(boolean)*

    - Specify this option to confirm that you want to delete the data set permanently.

- `--host` | `-H` *(string)*

    - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

    - The port of the z/OS FTP server.

      Default value: 21

- `--user` | `-u` *(string)*

    - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

    - Password to authenticate to FTP.

Options

- `--secure-ftp` *(boolean)*

    - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

      Default value: true

- `--connection-timeout` | `--ct` *(number)*

    - How long (in milliseconds) to wait for the control connection to be established.

      Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

- Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

    - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Delete the data set "ibmuser.cntl":

    - `zowe zos-ftp delete data-set "ibmuser.cntl" -f`

zowe › zos-ftp › delete › job

Cancel a job and purge its output. Note: this command will not work to delete TSU or STC type jobs.

Usage

zowe zos-ftp delete job <jobid> [options]

Positional Arguments

- `jobid` *(string)*

  - The ID of the job that you would like to delete

Required Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

  - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

  - Password to authenticate to FTP.

Options

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

- Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

  - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

  - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Cancel the job "JOB00123" and purge its output, optionally abbreviating the job ID:

  - `zowe zos-ftp delete job j123`

zowe › zos-ftp › delete › uss-file

Delete a USS file

Usage

zowe zos-ftp delete uss-file <ussFile> [options]

Positional Arguments

- `ussFile` *(string)*

  - The absolute path to a USS file you would like to delete.

Required Options

- `--for-sure` | `-f` *(boolean)*

  - Specify this option to confirm that you want to delete the data set permanently.

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

  - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

  - Password to authenticate to FTP.

Options

- `--recursive` *(boolean)*

  - Delete the directory and all files/directories under it.

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

Default value: true

- `--connection-timeout` | `--ct` *(number)*

    - How long (in milliseconds) to wait for the control connection to be established.

        Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

    - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

    - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

- The file path to a certificate key file to use for authentication

Examples

- Delete the USS file "/u/ibmuser/myfile.txt":

  - `zowe zos-ftp delete uss-file "/u/ibmuser/myfile.txt" -f`

zowe › zos-ftp › download

Download data set, job spool, and USS file content

zowe › zos-ftp › download › all-spool-by-jobid

Download all spool content for a job to files in a local directory by providing the job id

Usage

zowe zos-ftp download all-spool-by-jobid <jobid> [options]

Positional Arguments

- `jobid` *(string)*

  - The ID of the job for which you would like to list spool files

Options

- `--directory` | `-d` *(string)*

  - The local directory to save the spool content to. By default, it will be saved to "./output".

- `--omit-jobid-directory` | `--ojd` *(boolean)*

  - If you specify this, the job output will be saved directly to the specified (or default) directory. For example, if you omit this, the output would be saved to ./output/JOB00123. If you specify --ojd, the JOB00123 directory would not be included in the output path and the content would be saved to ./output.

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

Default value: true

- `--connection-timeout` | `--ct` *(number)*

  ○ How long (in milliseconds) to wait for the control connection to be established.

  Default value: 10000

Required Options

- `--host` | `-H` *(string)*

  ○ The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  ○ The port of the z/OS FTP server.

  Default value: 21

- `--user` | `-u` *(string)*

  ○ Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

  ○ Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

  ○ Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

  ○ Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

  ○ The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Download all spool for the job with the ID JOB00123 to the default subdirectory in the current directory:

  - `zowe zos-ftp download all-spool-by-jobid j123`

- Download all spool for the job with the ID JOB00123 to the directory build/job_output:

  - `zowe zos-ftp download all-spool-by-jobid j123 -d build/job_output/`

zowe › zos-ftp › download › data-set

Download the contents of a z/OS data set to a local file

Usage

zowe zos-ftp download data-set <dataSet> [options]

Positional Arguments

- `dataSet` *(string)*

  - The data set (PDS member or physical sequential data set) which you would like to download to a local file.

Options

- `--binary` | `-b` *(boolean)*

  - Download the file content in binary mode, which means that no data conversion is performed. The data transfer process returns each line as-is, without translation. No delimiters are added between records.

- `--file` | `-f` *(string)*

  - The path to the local file where you want to download the content. When you omit the option, the command generates a file name automatically for you.

- `--rdw` *(boolean)*

  - Download the variable-length data set with RECFM of V, VB, VBS, etc in rdw mode, in which the 4-byte RDW (Record Descriptor Word) is inserted at the begining of each record.

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

Required Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

- Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

  - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

  - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

  - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Download the data set "ibmuser.loadlib(main)" in binary mode to the local file "main.obj":

  - ```
    zowe zos-ftp download data-set "ibmuser.loadlib(main)" -b -f main.obj
    ```

zowe › zos-ftp › download › uss-file

Download the contents of a USS file to a local file

Usage

zowe zos-ftp download uss-file <ussFile> [options]

Positional Arguments

- `ussFile` *(string)*

  - The path to the USS file you would like to download.

Options

- `--binary` | `-b` *(boolean)*

  - Download the file content in binary mode, which means that no data conversion is performed. The data transfer process returns each line as-is, without translation. No delimiters are added between records.

- `--file` | `-f` *(string)*

  - The path to the local file where you want to download the content. When you omit the option, the command generates a file name automatically for you.

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

Default value: 10000

Required Options

- `--host` | `-H` *(string)*

    - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

    - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

    - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

    - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

    - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

    - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Download the USS file "/u/users/ibmuser/main.obj" in binary mode to the local file "main.obj":

  - `zowe zos-ftp download uss-file "/u/users/ibmuser/main.obj" -b -f main.obj`

zowe › zos-ftp › list

List data sets, data set members, uss files, jobs, spool files

zowe › zos-ftp › list › data-set

List all data sets that match a DSLEVEL pattern (see help below).
The following values can be used with the --response-format-filter (--rff) argument to display more data from the data sets:volume, unit, referred, ext, used, recfm, lrecl, blksz, dsorg, and dsname.

Usage

zowe zos-ftp list data-set <pattern> [options]

Positional Arguments

- `pattern` *(string)*

  - The pattern or patterns to match data sets against. Also known as 'DSLEVEL', it is somewhat similar to the concept of a 'glob' (but not identical). The following special sequences can be used in the pattern:
    %: Matches any single character
    : Matches any number of characters within a data set name qualifier (e.g. "ibmuser.j.old" matches "ibmuser.jcl.old" but not "ibmuser.jcl.very.old")

: Matches any number of characters within any number of data set name qualifiers (e.g. "ibmuser..old" matches both "ibmuser.jcl.old" and "ibmuser.jcl.very.old")
However, the pattern cannot begin with any of these sequences.

Required Options

- `--host` | `-H` *(string)*

    - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

    - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

    - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

    - Password to authenticate to FTP.

Options

- `--secure-ftp` *(boolean)*

    - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

    - How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

  - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

  - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all data sets beginning with "ibmuser" and ending in "cntl":

  - `zowe zos-ftp list data-set "ibmuser.**.cntl"`

zowe › zos-ftp › list › data-set-members

List all members of the specified PDS or PDSE data set.

Usage

zowe zos-ftp list data-set-members <dsname> [options]

Positional Arguments

- `dsname` *(string)*

  - The PDS or PDSE data set name.

Required Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

- The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

    - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

    - Password to authenticate to FTP.

Options

- `--secure-ftp` *(boolean)*

    - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

        Default value: true

- `--connection-timeout` | `--ct` *(number)*

    - How long (in milliseconds) to wait for the control connection to be established.

        Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

    - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

    - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  ○ If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all members in data set "ibmuser.test.cntl":

  ○ `zowe zos-ftp list data-set-members "ibmuser.test.cntl"`

zowe › zos-ftp › list › jobs

List all data sets that match a DSLEVEL pattern (see help below).

Usage

zowe zos-ftp list jobs [options]

Options

- `--prefix` *(string)*

  ○ Specify the job name prefix of the jobs you own and want to list. You can specify a wildcard, which is usually in the form "JOB*".
    If you don't specify this option all jobs under this owner will be listed by default.

- `--owner` | `-o` *(string)*

  ○ Specify the owner user ID of the jobs you want to list. The owner is the individual/user who submitted the job OR the user ID assigned to the job.

- `--secure-ftp` *(boolean)*

  ○ Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

- How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

Required Options

- `--host` | `-H` *(string)*

    - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

    - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

    - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

    - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

    - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

    - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all jobs with names beginning beginning with "ibmu":

    - `zowe zos-ftp list jobs --prefix "ibmu*"`

- List Alice's jobs with names beginning beginning with "ibmu":

    - `zowe zos-ftp list jobs --prefix "ibmu*" --owner "alice"`

zowe › zos-ftp › list › spool-files-by-jobid

Given a z/OS job JOBID, list the spool files (DDs) for a z/OS job on the JES/spool queues. The command does not pre-validate the JOBID.

Usage

zowe zos-ftp list spool-files-by-jobid <jobid> [options]

Positional Arguments

- `jobid` *(string)*

    - The z/OS JOBID of the job with the spool files you want to list. No pre-validation of the JOBID is performed.

Required Options

- `--host` | `-H` *(string)*

    - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

    - The port of the z/OS FTP server.

      Default value: 21

- `--user` | `-u` *(string)*

    - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

    - Password to authenticate to FTP.

Options

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

  - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

  - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List the spool files of the job with JOBID JOB00123:

  - `zowe zos-ftp list spool-files-by-jobid job00123`

zowe › zos-ftp › list › uss-files

List USS files and subdirectories in a directory. Optional file name pattern like "prefix*", "*suffix", or "prefix*suffix" can be specified at the end of directory. See EXAMPLES section.

The following values can be used with the --response-format-filter (--rff) argument to display more data from the data sets: name, size, owner, group, and permissions.

Usage

zowe zos-ftp list uss-files <directory> [options]

Positional Arguments

- `directory` *(string)*

  - The USS directory to list files in, or the directory with file name pattern

Required Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

  - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

  - Password to authenticate to FTP.

Options

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

  - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

  - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List USS files in the directory "/u/users/ibmuser/":

  - `zowe zos-ftp list uss-files "/u/users/ibmuser"`

- List USS files with suffix of ".txt" in the directory "/u/users/ibmuser/":

  - `zowe zos-ftp list uss-files "/u/users/ibmuser/*.txt"`

- List USS files in the directory "/u/users/ibmuser/" and show only the file name:

  - `zowe zos-ftp list uss-files "/u/users/ibmuser/" --rff name`

zowe › zos-ftp › make

Make a USS directory

Make a Unix System Services Directory

Usage

zowe zos-ftp make uss-directory <ussDirectory> [options]

Positional Arguments

- `ussDirectory` *(string)*

  - The USS directory you'd like to make.

Required Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

  - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

  - Password to authenticate to FTP.

Options

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

  - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

  - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Make a USS directory "/u/users/ibmuser/mydir":

  - ```
    zowe zos-ftp make uss-directory "/u/users/ibmuser/mydir"
    ```

zowe › zos-ftp › rename

Rename data sets and USS files or directories

zowe › zos-ftp › rename › data-set

Rename a cataloged data set

Usage

zowe zos-ftp rename data-set <oldDataSet> <newDataSet> [options]

Positional Arguments

- `oldDataSet` *(string)*

  - The current name of the data set you want to rename.

- `newDataSet` *(string)*

  - The new name for the data set.

Required Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

  - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

- Password to authenticate to FTP.

Options

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

  - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

  - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Rename the data set ibmuser.jcl to ibmuser.cntl:

  - `zowe zos-ftp rename data-set ibmuser.jcl ibmuser.cntl`

- Rename the data set member "ibmuser.cntl(alloc)" to "ibmuser.cntl(alloc2)". Note: you can only rename members within the same partitioned data set. You cannot move a member to another data set with this command.:

  - `zowe zos-ftp rename data-set "ibmuser.cntl(alloc)" "ibmuser.cntl(alloc2)"`

zowe › zos-ftp › rename › uss-file

Rename a USS file or directory

Usage

zowe zos-ftp rename uss-file <olduss> <newuss> [options]

Positional Arguments

- `olduss` *(string)*

  - The current name of the USS file you want to rename.

- `newuss` *(string)*

  - The new name for the USS file.

Required Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

  - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

  - Password to authenticate to FTP.

Options

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

  - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

  - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Rename the file /u/users/ibmuser/hello.txt to /u/users/ibmuser/hello2.txt:

  - `zowe zos-ftp rename uss-file "/u/users/ibmuser/hello.txt" "/u/users/ibmuser/hello2.txt"`

zowe › zos-ftp › submit

Submit jobs from local files and data sets

zowe › zos-ftp › submit › data-set

Submit a job from a cataloged data set containing JCL. The JCL will be downloaded via FTP and then submitted.

Usage

zowe zos-ftp submit data-set <dataSet> [options]

Positional Arguments

- `dataSet` *(string)*

    - The data set containing JCL that you would like to submit

Options

- `--wait` | `-w` *(string)*

    - Specify job query interval and max times of querying job status. The format of this option is comma-separated numeric values. For example, '5,12' means queries job status every 5 seconds for 12 times at most.

- `--wait-for-output` | `--wfo` *(boolean)*

    - Wait for the job to enter OUTPUT status before completing the command.

- `--wait-for-active` | `--wfa` *(boolean)*

    - Wait for the job to enter ACTIVE status before completing the command.

- `--secure-ftp` *(boolean)*

    - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

        Default value: true

- `--connection-timeout` | `--ct` *(number)*

    - How long (in milliseconds) to wait for the control connection to be established.

        Default value: 10000

Required Options

- `--host` | `-H` *(string)*

    - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

- The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

    - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

    - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

    - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

    - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

- The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Submit a job residing in the data set "ibmuser.cntl(iefbr14)":

  - `zowe zos-ftp submit data-set "ibmuser.cntl(iefbr14)"`

- Submit a job from the data set "ibmuser.cntl(iefbr14)" and print only the job ID:

- `zowe zos-ftp submit data-set "ibmuser.cntl(iefbr14)" --rff jobid --rft string`

- Submit a job from the data set "ibmuser.cntl(iefbr14)" and wait for job complete.:

  - `zowe zos-ftp submit data-set "ibmuser.cntl(iefbr14)" --wait 5,12`

zowe › zos-ftp › submit › local-file

Submit a job from a local file containing JCL

Usage

zowe zos-ftp submit local-file <file> [options]

Positional Arguments

- `file` *(local file path)*

  - The file you would like to submit as jcl

Options

- `--wait` | `-w` *(string)*

  - Specify job query interval and max times of querying job status. The format of this option is comma-separated numeric values. For example, '5,12' means queries job status every 5 seconds for 12 times at most.

- `--wait-for-output` | `--wfo` *(boolean)*

  - Wait for the job to enter OUTPUT status before completing the command.

- `--wait-for-active` | `--wfa` *(boolean)*

  - Wait for the job to enter ACTIVE status before completing the command.

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

Required Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

  - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

  - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

  - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

  - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

- If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Submit a job from the local file "my_build_jcl.txt":

  - `zowe zos-ftp submit local-file "my_build_jcl.txt"`

- Submit a job from the local file "my_build_jcl.txt" and print only the job ID:

  - `zowe zos-ftp submit local-file "my_build_jcl.txt" --rff jobid --rft string`

- Submit a job from the local file "my_build_jcl.txt" and wait for job complete.:

  - `zowe zos-ftp submit local-file "my_build_jcl.txt" --wait 5,12`

zowe › zos-ftp › submit › stdin

Submit a job from JCL written to the standard input (stdin) of this process.

Usage

zowe zos-ftp submit stdin [options]

Options

- `--wait` | `-w` *(string)*

  - Specify job query interval and max times of querying job status. The format of this option is comma-separated numeric values. For example, '5,12' means queries job status every 5 seconds for 12 times at most.

- `--wait-for-output` | `--wfo` *(boolean)*

  - Wait for the job to enter OUTPUT status before completing the command.

- `--wait-for-active` | `--wfa` *(boolean)*

  - Wait for the job to enter ACTIVE status before completing the command.

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

Default value: true

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

Required Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

  - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

  - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

  - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

  - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Submit a job from stdin, redirecting the contents of my_jcl.txt in.:

  - `zowe zos-ftp submit stdin < my_jcl.txt`

- Submit a job from the local file "my_build_jcl.txt" and wait for job complete.:

  - `zowe zos-ftp submit stdin "my_build_jcl.txt" --wait 5,12`

zowe › zos-ftp › upload

Upload data set and USS content

zowe › zos-ftp › upload › file-to-data-set

Upload contents of a local file to a z/OS data set

Usage

zowe zos-ftp upload file-to-data-set <file> <dataSet> [options]

Positional Arguments

- `file` *(local file path)*

  - Upload the contents of this file to the data set

- `dataSet` *(string)*

  - The data set (PDS member or physical sequential data set) to which you would like to upload content.

Options

- `--binary` | `-b` *(boolean)*

  - Upload content in binary mode.

- `--dcb` *(string)*

- DCB parameters for dataset allocation if not existing. It's space separated like RECFM=FB LRECL=326 BLKSIZE=23472

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

Required Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

  - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

  - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

- Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

  - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Upload to "ibmuser.cntl(iefbr14)" from the file iefbr14.txt:

  - `zowe zos-ftp upload file-to-data-set iefbr14.txt "ibmuser.cntl(iefbr14)"`

- Upload to "ibmuser.cntl(iefbr14)" from the file iefbr14.txt with the DCB parameters:

  - `zowe zos-ftp upload file-to-data-set iefbr14.txt "ibmuser.cntl(iefbr14)" --dcb "RECFM=FB LRECL=326 BLKSIZE=23472"`

zowe › zos-ftp › upload › file-to-uss-file

Upload contents of a local to a Unix System Services file.

Usage

zowe zos-ftp upload file-to-uss-file <file> <ussFile> [options]

Positional Arguments

- `file` *(local file path)*

  - Upload the contents of this local file to a data set.

- `ussFile` *(string)*

  - The USS file to which you would like to upload content.

Options

- `--binary` | `-b` *(boolean)*

  - Upload content in binary mode.

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

Required Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

  - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

  - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

  - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

  - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

- The file path to a certificate key file to use for authentication

Examples

- Upload to "/u/users/ibmuser/iefbr14.txt" from the file iefbr14.txt:

  - ```
    zowe zos-ftp upload file-to-uss-file iefbr14.txt
    "/u/users/ibmuser/iefbr14.txt"
    ```

zowe › zos-ftp › upload › stdin-to-data-set

Upload contents piped to stdin to a z/OS data set

Usage

zowe zos-ftp upload stdin-to-data-set <dataSet> [options]

Positional Arguments

- `dataSet` *(string)*

  - The data set (PDS member or physical sequential data set) to which you would like to upload content.

Options

- `--binary` | `-b` *(boolean)*

  - Upload content in binary mode.

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

Required Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

  - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

  - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

  - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

  - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Upload to "ibmuser.cntl(iefbr14)" from standard input (you can pipe into this command):

  - `zowe zos-ftp upload stdin-to-data-set "ibmuser.cntl(iefbr14)"`

zowe › zos-ftp › upload › stdin-to-uss-file

Upload from stdin to a Unix System Services File

Usage

zowe zos-ftp upload stdin-to-uss-file <ussFile> [options]

Positional Arguments

- `ussFile` *(string)*

  - The USS file to which you would like to upload content.

Options

- `--binary` | `-b` *(boolean)*

  - Upload content in binary mode.

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

Required Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

  - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

  - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

  - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

  - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- Upload to "/u/users/ibmuser/iefbr14.txt" from standard input (you can pipe into this command):

  - `zowe zos-ftp upload stdin-to-uss-file "/u/users/ibmuser/iefbr14.txt"`

zowe › zos-ftp › view

View data sets, job output, and USS content

zowe › zos-ftp › view › all-spool-by-jobid

View all spool content for a job by providing the job id

Usage

zowe zos-ftp view all-spool-by-jobid <jobid> [options]

Positional Arguments

- `jobid` *(string)*

  - The ID of the job for which you would like to list spool files

Required Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

  - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

  - Password to authenticate to FTP.

Options

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

  - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

  - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- View all spool content for the job with ID JOB00123 (optionally abbreviating the job ID):

  - `zowe zos-ftp view all-spool-by-jobid j123`

zowe › zos-ftp › view › data-set

View the contents of a z/OS data set

Usage

zowe zos-ftp view data-set <dataSet> [options]

Positional Arguments

- `dataSet` *(string)*

- The data set (PDS member or physical sequential data set) which you would like to view the contents of.

Options

- `--binary` | `-b` *(boolean)*

  - View content in binary form without converting to ASCII text

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

Required Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

  - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

  - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

- Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

  - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

  - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- View the content of the data set "ibmuser.cntl(iefbr14)":

  - `zowe zos-ftp view data-set "ibmuser.cntl(iefbr14)"`

- View the content of the data set "ibmuser.loadlib(main)" and pipe it into the hex viewer program xxd:

  - `zowe zos-ftp view data-set "ibmuser.loadlib(main)" -b | xxd`

zowe › zos-ftp › view › job-status-by-jobid

View status details of a single z/OS job on spool/JES queues. The command does not prevalidate the JOBID.

Usage

zowe zos-ftp view job-status-by-jobid <jobid> [options]

Positional Arguments

- `jobid` *(string)*

  - The ID of the jobfor which you would like to list spool files

Required Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

  - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

  - Password to authenticate to FTP.

Options

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

- How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

    - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

    - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- View the status for the job with ID "JOB00123" (optionally abbreviating the ID):

  - `zowe zos-ftp view job-status-by-jobid j123`

zowe › zos-ftp › view › spool-file-by-id

View the contents of a spool file from a z/OS job on spool/JES queues. The command does not pre-validate the JOBID or spool ID.

Usage

zowe zos-ftp view spool-file-by-id <jobid> <spoolfileid> [options]

Positional Arguments

- `jobid` *(string)*

  - The z/OS JOBID of the job containing the spool file you want to view. No pre-validation of the JOBID is performed.

- `spoolfileid` *(number)*

  - The spool file ID number for the spool file to view. No pre-validation of the ID is performed.

Required Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

  - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

  - Password to authenticate to FTP.

Options

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

  - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

  - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Examples

- View the spool file with ID 4 for the job with job ID JOB00123:

  - `zowe zos-ftp view spool-file-by-id JOB00123 4`

zowe › zos-ftp › view › uss-file

View the contents of a Unix System Services File

Usage

zowe zos-ftp view uss-file <ussFile> [options]

Positional Arguments

- `ussFile` *(string)*

  - The USS file you'd like to view the contents of.

Options

- `--binary` | `-b` *(boolean)*

  - View content in binary form without converting to ASCII text

- `--secure-ftp` *(boolean)*

  - Set to true for both control and data connection encryption, 'control' for control connection encryption only, or 'implicit' for implicitly encrypted control connection (this mode is deprecated in modern times, but usually uses port 990). Note: Unfortunately, this plugin's functionality only works with FTP and FTPS, not 'SFTP' which is FTP over SSH.

    Default value: true

- `--connection-timeout` | `--ct` *(number)*

  - How long (in milliseconds) to wait for the control connection to be established.

    Default value: 10000

Required Options

- `--host` | `-H` *(string)*

  - The hostname or IP address of the z/OS server to connect to.

- `--port` | `-P` *(number)*

  - The port of the z/OS FTP server.

    Default value: 21

- `--user` | `-u` *(string)*

    - Username for authentication on z/OS

- `--password` | `-p` | `--pass` | `--pw` *(string)*

    - Password to authenticate to FTP.

TLS / Secure Connection options

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates. Only specify this if you are connecting to a secure FTP instance.

- `--server-name` | `--sn` *(string)*

    - Server name for the SNI (Server Name Indication) TLS extension. Only specify if you are connecting securely

Profile Options

- `--zftp-profile` | `--zftp-p` *(string)*

    - The name of a (zftp) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

- The file path to a certificate key file to use for authentication

Examples

- View the content of the USS file "/u/users/ibmuser/myfile.txt":

  - `zowe zos-ftp view uss-file "/u/users/ibmuser/myfile.txt"`

- View the content of the USS file "/u/users/ibmuser/myjava.jar" in binary mode and pipe it into the hex viewer command xxd:

  - `zowe zos-ftp view uss-file "/u/users/ibmuser/myjava.jar" -b | xxd`

zowe › zos-jobs

Manage z/OS jobs.

zowe › zos-jobs › cancel

Cancel a single job by job ID. This cancels the job if it is running or on input.

zowe › zos-jobs › cancel › job

Cancel a single job by job ID

Usage

zowe zos-jobs cancel job <jobid> [options]

Positional Arguments

- `jobid` *(string)*

  - The job ID (e.g. JOB00123) of the job. Job ID is a unique identifier for z/OS batch jobs --
    no two jobs on one system can have the same ID. Note: z/OS allows you to abbreviate
    the job ID if desired. You can use, for example "J123".

Options

- `--modify-version` *(string)*

  - Using this option to set X-IBM-Job-Modify-Version to "2.0" will make the cancel job API
    synchronous. Otherwise, it will be asynchronous by default.

    Default value: 1.0

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Cancel job with job ID JOB03456:

  - `zowe zos-jobs cancel job JOB03456`

- Cancel job with job ID JOB03456 synchronously:

  - `zowe zos-jobs cancel job JOB03456 --modify-version "2.0"`

zowe › zos-jobs › delete

Delete a single job by job ID in OUTPUT status. This cancels the job if it is running and purges its output from the system.

zowe › zos-jobs › delete › job

Delete a single job by job ID

Usage

zowe zos-jobs delete job <jobid> [options]

Positional Arguments

- `jobid` *(string)*

  - The job ID (e.g. JOB00123) of the job. Job ID is a unique identifier for z/OS batch jobs -- no two jobs on one system can have the same ID. Note: z/OS allows you to abbreviate the job ID if desired. You can use, for example "J123".

Options

- `--modify-version` *(string)*

- Using this option to set X-IBM-Job-Modify-Version to "2.0" will make the delete job API synchronous. Otherwise, it will be asynchronous by default.

    Default value: 1.0

Zosmf Connection Options

- `--host` | `-H` *(string)*

    - The z/OSMF server host name.

- `--port` | `-P` *(number)*

    - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

    - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Delete job with job ID JOB03456:

  - `zowe zos-jobs delete job JOB03456`

- Delete job with job ID JOB03456 synchronously:

  - `zowe zos-jobs delete job JOB03456 --modify-version "2.0"`

zowe › zos-jobs › download

Download the output of a job as separate files.

zowe › zos-jobs › download › output

Download all job output to a local directory. Each spool DD will be downloaded to its own file in the directory.

Usage

zowe zos-jobs download output <jobid> [options]

Positional Arguments

- `jobid` *(string)*

  - The z/OS JOBID of the job containing the spool files you want to view. No pre-validation of the JOBID is performed.

Options

- `--directory` | `-d` | `--dir` *(string)*

  - The local directory you would like to download the output for the job to.

- `--extension` | `-e` *(string)*

  - A file extension to save the job output with. Defaults to '.txt'.

- `--omit-jobid-directory` | `--ojd` *(boolean)*

  - If specified, job output will be saved directly to the specified directory rather than creating a subdirectory named after the ID of the job.

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Download all the output of the job with job ID JOB00234 to an automatically generated directory.:

  - ```
    zowe zos-jobs download output JOB00234
    ```

zowe › zos-jobs › list

List z/OS jobs and list the spool files (DDs) for a z/OS job on the JES/spool queues.

zowe › zos-jobs › list › jobs

List jobs on JES spool/queues. By default, the command lists jobs owned (owner) by the user specified in your z/OSMF profile. The default for prefix is "*". The command does not prevalidate your user ID. The command surfaces errors verbatim from the z/OSMF Jobs REST endpoints.

Usage

zowe zos-jobs list jobs [options]

Options

- `--owner` | `-o` *(string)*

  - Specify the owner of the jobs you want to list. The owner is the individual/user who submitted the job OR the user ID assigned to the job. The command does not prevalidate the owner. You can specify a wildcard according to the z/OSMF Jobs REST endpoint documentation, which is usually in the form "USER*".

- `--prefix` | `-p` *(string)*

  - Specify the job name prefix of the jobs you want to list. The command does not prevalidate the owner. You can specify a wildcard according to the z/OSMF Jobs REST endpoint documentation, which is usually in the form "JOB*".

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List all jobs with default settings. The command returns jobs owned by your user ID with any job name:

  - `zowe zos-jobs list jobs`

- List all jobs owned by user IDs starting with 'ibmu' and job names starting with 'myjo':

  - `zowe zos-jobs list jobs -o "ibmu*" -p "myjo*"`

- List all jobs with default owner and prefix settings, displaying only the job ID of each job:

  - `zowe zos-jobs list jobs --rff jobid --rft table`

zowe › zos-jobs › list › spool-files-by-jobid

Given a z/OS job JOBID, list the spool files (DDs) for a z/OS job on the JES/spool queues. The command does not pre-validate the JOBID. The command presents errors verbatim from the z/OSMF Jobs REST endpoints.

Usage

zowe zos-jobs list spool-files-by-jobid <jobid> [options]

Positional Arguments

- `jobid` *(string)*

  - The z/OS JOBID of the job with the spool files you want to list. No pre-validation of the JOBID is performed.

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

- Reject self-signed certificates.

  Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

    - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

    - The command response output format type. Must be one of the following:

      table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

      list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

      object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

      string: Formats output data as a string. JSON objects/arrays are stringified.

      Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

    - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List the spool files of the job with JOBID JOB00123:

    - ```
      zowe zos-jobs list spool-files-by-jobid job00123
      ```

zowe › zos-jobs › submit

Submit a job (JCL).

zowe › zos-jobs › submit › data-set

Submit a job (JCL) contained in a data set. The data set may be of type physical sequential or a PDS member. The command does not pre-validate the data set name. The command presents errors verbatim from the z/OSMF Jobs REST endpoints. For more information about z/OSMF Jobs API errors, see the z/OSMF Jobs API REST documentation.

Usage

zowe zos-jobs submit data-set <dataset> [options]

Positional Arguments

- `dataset` *(string)*

  - The z/OS data set containing the JCL to submit. You can specify a physical sequential data set (for example, "DATA.SET") or a partitioned data set qualified by a member (for example, "DATA.SET(MEMBER)").

Options

- `--volume` | `--vol` *(string)*

  - The volume serial (VOLSER) where the data set resides. The option is required only when the data set is not catalogued on the system.

- `--wait-for-active` | `--wfa` *(boolean)*

  - Wait for the job to enter ACTIVE status before completing the command.

- `--wait-for-output` | `--wfo` *(boolean)*

  - Wait for the job to enter OUTPUT status before completing the command.

- `--view-all-spool-content` | `--vasc` *(boolean)*

  - Print all spool output. If you use this option you will wait for the job to complete.

- `--directory` | `-d` *(string)*

  - The local directory you would like to download the output of the job. Creates a subdirectory using the jobID as the name and files are titled based on DD names. If you use this option you will wait for the job to complete.

- `--extension` | `-e` *(string)*

  - A file extension to save the job output with. Default is '.txt'.

- `--jcl-symbols` | `--js` *(string)*

  - A string of JCL symbols to use for substitution. For symbol values with no spaces: "symbol1=value1 symbol2=value2 ...". When a value contains spaces, enclose the value in single quotes: "symbol1='value 1 with spaces' symbol2='value 2 with spaces' ...". To embed a single quote in a value, use two single quotes: "NAME=O''Brian".

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

    - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

    - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

    - The command response output format type. Must be one of the following:

      table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

      list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

      object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

      string: Formats output data as a string. JSON objects/arrays are stringified.

      Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Submit the JCL in the data set "ibmuser.cntl(deploy)":

  - `zowe zos-jobs submit data-set "ibmuser.cntl(deploy)"`

- Submit the JCL in the data set "ibmuser.cntl(deploy)", wait for the job to complete and print all output from the job:

  - `zowe zos-jobs submit data-set "ibmuser.cntl(deploy)" --vasc`

zowe › zos-jobs › submit › local-file

Submit a job (JCL) contained in a local file. The command presents errors verbatim from the z/OSMF Jobs REST endpoints. For more information about z/OSMF Jobs API errors, see the z/OSMF Jobs API REST documentation.

Usage

zowe zos-jobs submit local-file <localFile> [options]

Positional Arguments

- `localFile` *(string)*

  - The local file containing the JCL to submit.

Options

- `--wait-for-active` | `--wfa` *(boolean)*

  - Wait for the job to enter ACTIVE status before completing the command.

- `--wait-for-output` | `--wfo` *(boolean)*

  - Wait for the job to enter OUTPUT status before completing the command.

- `--view-all-spool-content` | `--vasc` *(boolean)*

  - Print all spool output. If you use this option you will wait for the job to complete.

- `--directory` | `-d` *(string)*

- The local directory you would like to download the output of the job. Creates a subdirectory using the jobID as the name and files are titled based on DD names. If you use this option you will wait for the job to complete.

- `--extension` | `-e` *(string)*

  - A file extension to save the job output with. Default is '.txt'.

- `--jcl-symbols` | `--js` *(string)*

  - A string of JCL symbols to use for substitution. For symbol values with no spaces: "symbol1=value1 symbol2=value2 ...". When a value contains spaces, enclose the value in single quotes: "symbol1='value 1 with spaces' symbol2='value 2 with spaces' ...". To embed a single quote in a value, use two single quotes: "NAME=O''Brian".

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

- The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

    - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Submit the JCL in the file "iefbr14.txt":

    - `zowe zos-jobs submit local-file "iefbr14.txt"`

zowe › zos-jobs › submit › stdin

Submit a job (JCL) passed to the command via the stdin stream. The command presents errors verbatim from the z/OSMF Jobs REST endpoints. For more information about z/OSMF Jobs API errors, see the z/OSMF Jobs API REST documentation.

Usage

zowe zos-jobs submit stdin [options]

Options

- `--wait-for-active` | `--wfa` *(boolean)*

    - Wait for the job to enter ACTIVE status before completing the command.

- `--wait-for-output` | `--wfo` *(boolean)*

    - Wait for the job to enter OUTPUT status before completing the command.

- `--view-all-spool-content` | `--vasc` *(boolean)*

    - Print all spool output. If you use this option you will wait for the job to complete.

- `--directory` | `-d` *(string)*

    - The local directory you would like to download the output of the job. Creates a subdirectory using the jobID as the name and files are titled based on DD names. If you use this option you will wait for the job to complete.

- `--extension` | `-e` *(string)*

    - A file extension to save the job output with. Default is '.txt'.

- `--jcl-symbols` | `--js` *(string)*

    - A string of JCL symbols to use for substitution. For symbol values with no spaces: "symbol1=value1 symbol2=value2 ...". When a value contains spaces, enclose the value in single quotes: "symbol1='value 1 with spaces' symbol2='value 2 with spaces' ...". To embed a single quote in a value, use two single quotes: "NAME=O''Brian".

Zosmf Connection Options

- `--host` | `-H` *(string)*

    - The z/OSMF server host name.

- `--port` | `-P` *(number)*

    - The z/OSMF server port.

        Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

- Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Submit the JCL in the file "iefbr14.txt" via standard in:

  - `zowe zos-jobs submit stdin < iefbr14.txt`

- Submit the JCL in the file "iefbr14.txt" via standard in from the output of another command:

  - `cat iefbr14.txt | zowe zos-jobs submit stdin`

zowe › zos-jobs › view

View details of z/OS jobs on spool/JES queues.

zowe › zos-jobs › view › job-status-by-jobid

View status details of a single z/OS job on spool/JES queues. The command does not prevalidate the JOBID. The command presents errors verbatim from the z/OSMF Jobs REST endpoints

(expect for "no jobs found").

Usage

zowe zos-jobs view job-status-by-jobid <jobid> [options]

Positional Arguments

- `jobid` *(string)*

  - The z/OS JOBID of the job you want to view. No prevalidation of the JOBID is performed.

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

Default value: https
Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the

table.

list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- View status and other details of the job with the job ID JOB00123:

  - `zowe zos-jobs view job-status-by-jobid j123`

- Print only the status (for example, "OUTPUT" or "ACTIVE") of the job with the job ID JOB00123:

  - `zowe zos-jobs view job-status-by-jobid j123 --rff status --rft string`

zowe › zos-jobs › view › spool-file-by-id

View the contents of a spool file from a z/OS job on spool/JES queues. The command does not pre-validate the JOBID or spool ID. The command presents errors verbatim from the z/OSMF Jobs REST endpoints.

Usage

zowe zos-jobs view spool-file-by-id <jobid> <spoolfileid> [options]

Positional Arguments

- `jobid` *(string)*

  - The z/OS JOBID of the job containing the spool file you want to view. No pre-validation of the JOBID is performed.

- `spoolfileid` *(number)*

- The spool file ID number for the spool file to view. Use the "zowe zos-jobs list spool-files-by-jobid" command to obtain spool ID numbers.No pre-validation of the ID is performed.

Zosmf Connection Options

- `--host` | `-H` *(string)*

    - The z/OSMF server host name.

- `--port` | `-P` *(number)*

    - The z/OSMF server port.

        Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

    - The protocol used (HTTP or HTTPS)

        Default value: https
        Allowed values: http, https

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

- The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

    - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

Examples

- View the spool file with ID 4 for the job with job ID JOB00123:

    - `zowe zos-jobs view spool-file-by-id JOB00123 4`

zowe › zos-logs

Interact with z/OS logs.

zowe › zos-logs › list

List z/OS logs by invoking z/OSMF REST API.

zowe › zos-logs › list › logs

List z/OS operlog within a time range.

Use this operation to get the z/OS operations logs. It invokes z/OSMF REST API to retrieve logs.

Executing 'zowe zos-logs list logs' will by default return logs from current time and backwards to 10 minutes before.

Note: OPERLOG needs to be configured on z/OS server.

Usage

zowe zos-logs list logs [options]

Options

- `--start-time` | `--st` *(string)*

  - Specify the time in ISO-8601 time format from when z/OSMF will start to retrieve the logs. For example, '2021-01-26T03:33:18.065Z', '2021-01-26T11:33:18.065+08:00'. Default is the current time.

- `--direction` | `-d` *(string)*

  - Specify the direction when retrieving the message log. Either 'forward' or 'backward' is valid, case insensitive.

    Default value: backward
    Allowed values: forward, backward

- `--range` | `-r` *(string)*

  - Specify a time range in which the logs will be retrieved. The format is like nnnu, nnn is 1-999, u is one of 's', 'm', 'h', for example, '999s', '20m', '3h'.

Default value: 10m

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

    - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--user` | `-u` *(string)*

    - User name to authenticate to service on the mainframe.

- `--password` | `--pass` | `--pw` *(string)*

    - Password to authenticate to service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- List logs starting from '2021-07-26T03:38:37.098Z' and forwards to 5 minutes later:

    - `zowe zos-logs list logs --start-time 2021-07-26T03:38:37.098Z --range 5m --direction forward`

- List logs starting from '2021-07-26T03:38:37.098Z' and forwards to 5 minutes later. Alias version of the above command:

    - `zowe zos-logs list logs --st 2021-07-26T03:38:37.098Z -r 5m -d forward`

- List logs starting from '2021-07-26T03:38:37.098Z' and backwards to 5 minutes before:

    - `zowe zos-logs list logs --start-time 2021-07-26T03:38:37.098Z --range 5m`

zowe › zos-ssh

Issue z/OS USS commands remotely using an SSH session. Output from the commands is displayed on the local terminal.

zowe › zos-ssh › issue

Issue a z/OS USS command.

zowe › zos-ssh › issue › command

Issue a z/OS USS command

Usage

zowe zos-ssh issue command <command> [options]

Positional Arguments

- `command` *(string)*

    - z/OS USS command to issue

Options

- `--cwd` *(string)*

    - Working directory in which to execute the command

z/OS Ssh Connection Options

- `--host` | `-H` *(string)*

    - The z/OS SSH server host name.

- `--port` | `-P` *(number)*

    - The z/OS SSH server port.

        Default value: 22

- `--user` | `-u` *(string)*

    - Mainframe user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe password, which can be the same as your TSO password.

- `--privateKey` | `--key` | `--pk` *(string)*

  - Path to a file containing your private key, that must match a public key stored in the server for authentication

- `--keyPassphrase` | `--passphrase` | `--kp` *(string)*

  - Private key passphrase, which unlocks the private key.

- `--handshakeTimeout` | `--timeout` | `--to` *(number)*

  - How long in milliseconds to wait for the SSH handshake to complete.

Profile Options

- `--ssh-profile` | `--ssh-p` *(string)*

  - The name of a (ssh) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Examples

- Issue a simple command, giving the working directory:

    - `zowe zos-ssh issue command "npm install express" --cwd /u/cicprov/mnt/CICPY01I/bundles/myapp`

zowe › zos-tso

Issue TSO commands and interact with TSO address spaces.

zowe › zos-tso › issue

Issue TSO commands.

zowe › zos-tso › issue › command

Creates a TSO address space, issues a TSO command through the newly created address space, waits for the READY prompt to print the response, and terminates the TSO address space. All response data are returned to the user up to (but not including) the TSO 'READY' prompt.

Usage

zowe zos-tso issue command <commandText> [options]

Positional Arguments

- `commandText` *(string)*

    - The TSO command to issue.

Options

- `--suppress-startup-messages` | `--ssm` *(boolean)*

    - Suppress console messages from start of address space.

TSO ADDRESS SPACE OPTIONS

- `--account` | `-a` *(string)*

    - Your z/OS TSO/E accounting information.

- `--character-set` | `--cs` *(string)*

    - Character set for address space to convert messages and responses from UTF-8 to EBCDIC.

      Default value: 697

- `--code-page` | `--cp` *(string)*

  - Codepage value for TSO/E address space to convert messages and responses from UTF-8 to EBCDIC.

    Default value: 1047

- `--columns` | `--cols` *(number)*

  - The number of columns on a screen.

    Default value: 80

- `--logon-procedure` | `-l` *(string)*

  - The logon procedure to use when creating TSO procedures on your behalf.

    Default value: IZUFPROC

- `--region-size` | `--rs` *(number)*

  - Region size for the TSO/E address space.

    Default value: 4096

- `--rows` *(number)*

  - The number of rows on a screen.

    Default value: 24

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

- ○ Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - ○ Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - ○ The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - ○ The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - ○ The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - ○ The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - ○ The name of a (zosmf) profile to load for this command execution.

- `--tso-profile` | `--tso-p` *(string)*

  - ○ The name of a (tso) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - ○ The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Issue the TSO command "status" to display information about jobs for your user ID.:

  - `zowe zos-tso issue command "status"`

zowe › zos-tso › ping

Ping a TSO address space, from which you previously started and received a token (a.k.a 'servelet-key').

zowe › zos-tso › ping › address-space

Ping a TSO address space, from which you previously started and received a token (a.k.a 'servlet-key').

Usage

zowe zos-tso ping address-space <servletKey> [options]

Positional Arguments

- `servletKey` *(string)*

  - The servlet key from a previously started TSO address space.

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

Examples

- Ping the TSO address space identified by IBMUSER-329-aafkaaoc:

    - `zowe zos-tso ping address-space IBMUSER-329-aafkaaoc`

zowe › zos-tso › send

Send data to TSO and collect responses until the prompt is reached.

zowe › zos-tso › send › address-space

Send data to the TSO address space, from which you previously started and received a token (a.k.a 'servlet-key').

Usage

zowe zos-tso send address-space <servletKey> [options]

Positional Arguments

- `servletKey` *(string)*

    - The servlet key from a previously started TSO address space.

Required Options

- `--data` *(string)*

    - The data to which we want to send to the TSO address space represented by the servlet key.

Zosmf Connection Options

- `--host` | `-H` *(string)*

- The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- "Send the TIME TSO command to the TSO address space identified by IBMUSER-329-aafkaaoc":

  - ```
    zowe zos-tso send address-space IBMUSER-329-aafkaaoc --data "TIME"
    ```

zowe › zos-tso › start

Start TSO/E address space.

zowe › zos-tso › start › address-space

Start a TSO address space, from which you will receive a token (a.k.a 'servlet-key') for further address space interaction (e.g. termination).

Usage

zowe zos-tso start address-space [options]

TSO ADDRESS SPACE OPTIONS

- `--account` | `-a` *(string)*

  - Your z/OS TSO/E accounting information.

- `--character-set` | `--cs` *(string)*

  - Character set for address space to convert messages and responses from UTF-8 to EBCDIC.

Default value: 697

- `--code-page` | `--cp` *(string)*

  - Codepage value for TSO/E address space to convert messages and responses from UTF-8 to EBCDIC.

    Default value: 1047

- `--columns` | `--cols` *(number)*

  - The number of columns on a screen.

    Default value: 80

- `--logon-procedure` | `-l` *(string)*

  - The logon procedure to use when creating TSO procedures on your behalf.

    Default value: IZUFPROC

- `--region-size` | `--rs` *(number)*

  - Region size for the TSO/E address space.

    Default value: 4096

- `--rows` *(number)*

  - The number of rows on a screen.

    Default value: 24

Options

- `--servlet-key-only` | `--sko` *(boolean)*

  - Specify this option to print only the servlet key

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

      Default value: true

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

    - The protocol used (HTTP or HTTPS)

      Default value: https
      Allowed values: http, https

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

    - The name of a (zosmf) profile to load for this command execution.

- `--tso-profile` | `--tso-p` *(string)*

    - The name of a (tso) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Start TSO/E address space:

  - `zowe zos-tso start address-space`

- Start TSO/E address space, and receive response in JSON format:

  - `zowe zos-tso start address-space --rfj`

- Start TSO/E address space, and print only the servlet key:

  - `zowe zos-tso start address-space --sko`

zowe › zos-tso › stop

Stop TSO/E address space.

zowe › zos-tso › stop › address-space

Stop a TSO address space, from which you previously started and received a token (a.k.a 'servlet-key').

Usage

zowe zos-tso stop address-space <servletkey> [options]

Positional Arguments

- `servletkey` *(string)*

  - The servlet key from a previously started TSO address space.

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

    - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

Examples

- Stop the TSO address space identified by IBMUSER-329-aafkaaoc:

    - `zowe zos-tso stop address-space IBMUSER-329-aafkaaoc`

zowe › zos-workflows

Create and manage z/OSMF workflows on a z/OS system.

zowe › zos-workflows › archive

Archive workflow instance in z/OSMF.

zowe › zos-workflows › archive › active-workflow

Archive an active workflow instance in z/OSMF.

Usage

zowe zos-workflows archive active-workflow [options]

Options

- `--workflow-name` | `--wn` *(string)*

    - The name of the workflow to be archived.

- `--workflow-key` | `--wk` *(string)*

    - The workflow key of the workflow to be archived.

Zosmf Connection Options

- `--host` | `-H` *(string)*

    - The z/OSMF server host name.

- `--port` | `-P` *(number)*

    - The z/OSMF server port.

        Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

- Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--base-path` | `--bp` *(string)*

    - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

    - The protocol used (HTTP or HTTPS)

        Default value: https
        Allowed values: http, https

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

    - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

- The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

    - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

    - The command response output format type. Must be one of the following:

      table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

      list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

      object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

      string: Formats output data as a string. JSON objects/arrays are stringified.

      Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

    - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Archive a workflow with workflow name "testworkflow":

    - `zowe zos-workflows archive active-workflow --wn "testworkflow"`

- Archive multiple workflows with workflow names starting with "test":

    - `zowe zos-workflows archive active-workflow --wn "test.*"`

- Archive a workflow with workflow key "123-456-abv-xyz":

    - `zowe zos-workflows archive active-workflow --wk "123-456-abv-xyz"`

zowe › zos-workflows › create

Create a z/OSMF workflow on a z/OS system.

zowe › zos-workflows › create › workflow-from-data-set

Create a z/OSMF workflow on a z/OS system using a Data set

Usage

zowe zos-workflows create workflow-from-data-set <workflowName> [options]

Positional Arguments

- `workflowName` *(string)*

  - Name of the workflow

Required Options

- `--data-set` | `--ds` *(string)*

  - Data set that contains a workflow definiton.

- `--system-name` | `--sn` *(string)*

  - z/OS system to execute the workflow.

- `--owner` | `--ow` *(string)*

  - User ID of the workflow owner. This user can perform the workflow steps or delegate the steps to other users.

Options

- `--variables-input-file` | `--vif` *(string)*

  - Specifies an optional properties file that you can use to pre-specify values for one or more of the variables that are defined in the workflow definition file.

- `--variables` | `--vs` *(string)*

  - Includes a list of variables for the workflow. The variables that you specify here take precedence over the variables that are specified in the workflow variable input file. Make

sure the value meets all regular expression requirements set for the corresponding variable.

- `--assign-to-owner` | `--ato` *(boolean)*

  - Indicates whether the workflow steps are assigned to the workflow owner.

- `--access-type` | `--at` *(string)*

  - Specifies the access type for the workflow. Public, Restricted or Private.

    Allowed values: Public, Restricted, Private

- `--delete-completed` | `--dc` *(boolean)*

  - Whether the successfully completed jobs to be deleted from the JES spool.

- `--overwrite` | `--ov` *(boolean)*

  - Replaces an existing workflow with a new workflow.

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields.

In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Create a workflow with name "testworkflow" using the data set "TESTID.WKFLOW" that contains the workflow definition xml on the system "TESTM1" with owner "OTHERID" and delete workflow with the same name if it already exist in z/OSMF:

  - ```
    zowe zos-workflows create workflow-from-data-set "testworkflow" --data-set "TESTID.WKFLOW" --system-name "TESTM1" --owner "OTHERID" --overwrite
    ```

- Create a workflow with name "testworkflow" using data set "TESTID.WKFLOW" containing workflow definition xml, on system "TESTM1" with owner "MYSYSID" and delete succesfully completed jobs:

  - ```
    zowe zos-workflows create workflow-from-data-set "testworkflow" --data-set "TESTID.WKFLOW" --system-name "TESTM1" --owner "MYSYSID" --delete-completed
    ```

- Create a workflow with name "testworkflow" using data set "TESTID.WKFLOW" containing workflow definition xml, on system "TESTM1" with owner "MYSYSID" and with variable values in the member PROPERTIES of data set TESTID.DATA:

- ```
  zowe zos-workflows create workflow-from-data-set "testworkflow" --data-set
  "TESTID.WKFLOW" --system-name "TESTM1" --owner "MYSYSID" --variables-input-
  file TESTID.DATA(PROPERTIES)
  ```

- Create a workflow with name "testworkflow" using the data set "TESTID.WKFLOW" that contains a workflow definition xml, on a system "TESTM1" with owner "MYSYSID" and with the variable name DUMMYVAR and the value DUMMYVAL. Assign it to the owner:

  - ```
    zowe zos-workflows create workflow-from-data-set "testworkflow" --data-set
    "TESTID.WKFLOW" --system-name "TESTM1" --owner "MYSYSID" --variables
    DUMMYVAR=DUMMYVAL --assign-to-owner
    ```

zowe › zos-workflows › create › workflow-from-local-file

Create a z/OSMF workflow on a z/OS system using a Local file

Usage

zowe zos-workflows create workflow-from-local-file <workflowName> [options]

Positional Arguments

- `workflowName` *(string)*

  - Name of the workflow

Required Options

- `--local-file` | `--lf` *(string)*

  - Local file that contains workflow definiton.

- `--system-name` | `--sn` *(string)*

  - z/OS system to execute the workflow.

- `--owner` | `--ow` *(string)*

  - User ID of the workflow owner. This user can perform the workflow steps or delegate the steps to other users.

Options

- `--variables-input-file` | `--vif` *(string)*

- Specifies an optional properties file that you can use to pre-specify values for one or more of the variables that are defined in the workflow definition file.

- `--variables` | `--vs` *(string)*

  - Includes a list of variables for the workflow. The variables that you specify here take precedence over the variables that are specified in the workflow variable input file. Make sure the value meets all regular expression requirements set for the corresponding variable.

- `--assign-to-owner` | `--ato` *(boolean)*

  - Indicates whether the workflow steps are assigned to the workflow owner.

- `--access-type` | `--at` *(string)*

  - Specifies the access type for the workflow. Public, Restricted or Private.

    Allowed values: Public, Restricted, Private

- `--delete-completed` | `--dc` *(boolean)*

  - Whether the successfully completed jobs to be deleted from the JES spool.

- `--overwrite` | `--ov` *(boolean)*

  - Replaces an existing workflow with a new workflow.

- `--remote-directory` | `--rd` *(string)*

  - The remote uss directory where the files are to be uploaded. The directory has to exist

- `--keep-files` | `--kf` *(boolean)*

  - Avoid deletion the uploaded files in /tmp or another specified directory after successful execution.

    Default value: false

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

- The z/OSMF server port.

  Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Create a workflow with name "testworkflow" using the local file "TESTID_WKFLOW.xml" that contains the workflow definition xml on the system "TESTM1" with owner "OTHERID" and

delete workflow with the same name if it already exist in z/OSMF:

- ```
  zowe zos-workflows create workflow-from-local-file "testworkflow" --local-
  file "TESTID_WKFLOW.xml" --system-name "TESTM1" --owner "OTHERID" --
  overwrite
  ```

zowe › zos-workflows › create › workflow-from-uss-file

Create a workflow instance in z/OSMF using a USS file

Usage

zowe zos-workflows create workflow-from-uss-file <workflowName> [options]

Positional Arguments

- `workflowName` *(string)*

  - Name of the workflow instance to create

Required Options

- `--uss-file` | `--uf` *(string)*

  - Uss file that contains workflow definiton.

- `--system-name` | `--sn` *(string)*

  - z/OS system to execute the workflow.

- `--owner` | `--ow` *(string)*

  - User ID of the workflow owner. This user can perform the workflow steps or delegate the steps to other users.

Options

- `--variables-input-file` | `--vif` *(string)*

  - Specifies an optional properties file that you can use to pre-specify values for one or more of the variables that are defined in the workflow definition file.

- `--variables` | `--vs` *(string)*

  - Includes a list of variables for the workflow. The variables that you specify here take precedence over the variables that are specified in the workflow variable input file. Make

sure the value meets all regular expression requirements set for the corresponding variable.

- `--assign-to-owner` | `--ato` *(boolean)*

  - Indicates whether the workflow steps are assigned to the workflow owner.

- `--access-type` | `--at` *(string)*

  - Specifies the access type for the workflow. Public, Restricted or Private.

    Allowed values: Public, Restricted, Private

- `--delete-completed` | `--dc` *(boolean)*

  - Whether the successfully completed jobs to be deleted from the JES spool.

- `--overwrite` | `--ov` *(boolean)*

  - Replaces an existing workflow with a new workflow.

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

- The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields.

In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- Create a workflow with name "testworkflow" using uss file "/path/workflow.xml" containing workflow definition, on system "TESTM1" with owner "OTHERID" and delete workflow with the same name if it already exist in z/OSMF:

  - ```
    zowe zos-workflows create workflow-from-uss-file "testworkflow" --uss-file
    "/path/workflow.xml" --system-name "TESTM1" --owner "OTHERID" --overwrite
    ```

- Create a workflow with name "testworkflow" using uss file "/path/workflow.xml" containing workflow definition, on system "TESTM1" with owner "MYSYSID" and delete successfully completed jobs:

  - ```
    zowe zos-workflows create workflow-from-uss-file "testworkflow" --uss-file
    "/path/workflow.xml" --system-name "TESTM1" --owner "MYSYSID" --delete-
    completed
    ```

- Create a workflow with name "testworkflow" using uss file "/path/workflow.xml" containing workflow definition, on system "TESTM1" with owner "MYSYSID" and with variable values in the member PROPERTIES of data set TESTID.DATA:

- ```
  zowe zos-workflows create workflow-from-uss-file "testworkflow" --uss-file
  "/path/workflow.xml" --system-name "TESTM1" --owner "MYSYSID" --variables-
  input-file TESTID.DATA(PROPERTIES)
  ```

- Create a workflow with name "testworkflow" using uss file "/path/workflow.xml" containing workflow definition, on system "TESTM1" with owner "MYSYSID" and with variables VAR1 and VAR2 with values DUMMYVAL1 and DUMMYVAL2, and assign it to the owner:

  - ```
    zowe zos-workflows create workflow-from-uss-file "testworkflow" --uss-file
    "/path/workflow.xml" --system-name "TESTM1"--variables
    VAR1=DUMMYVAL1,VAR2=DUMMYVAL2 --owner "MYSYSID" --assign-to-owner
    ```

zowe › zos-workflows › delete

Delete an active workflow or an archived workflow from z/OSMF.

zowe › zos-workflows › delete › active-workflow

Delete an active workflow instance in z/OSMF

Usage

zowe zos-workflows delete active-workflow [options]

Options

- `--workflow-key` | `--wk` *(string)*

  - Delete active workflow by specified workflow key

- `--workflow-name` | `--wn` *(string)*

  - Delete active workflow by specified workflow name

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- To delete a workflow instance in z/OSMF with workflow key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0":

  - `zowe zos-workflows delete active-workflow --workflow-key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0"`

- To delete a workflow instance in z/OSMF with workflow name "testWorkflow":

  - `zowe zos-workflows delete active-workflow --workflow-name "testWorkflow"`

- To delete multiple workflow instances in z/OSMF with names starting with "test":

  - `zowe zos-workflows delete active-workflow --workflow-name "test.*"`

zowe › zos-workflows › delete › archived-workflow

Delete an archived workflow from z/OSMF

Usage

zowe zos-workflows delete archived-workflow [options]

Options

- `--workflow-key` | `--wk` *(string)*

  - Delete an archived workflow by specified workflow key

- `--workflow-name` | `--wn` *(string)*

  - Delete an archived workflow by specified workflow name

Zosmf Connection Options

- `--host` | `-H` *(string)*

- The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

Examples

- To delete an archived workflow from z/OSMF with workflow key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0":

    - `zowe zos-workflows delete archived-workflow --workflow-key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0"`

- To delete an archived workflow from z/OSMF with workflow name "testWorkflow":

    - `zowe zos-workflows delete archived-workflow --workflow-name "testWorkflow"`

- To delete multiple archived workflows from z/OSMF with names beginnig with "test":

    - `zowe zos-workflows delete archived-workflow --workflow-name "test.*"`

zowe › zos-workflows › list

List the z/OSMF workflows for a system or a sysplex with filter options.

zowe › zos-workflows › list › active-workflow-details

Get the details of an active z/OSMF workflow

Usage

zowe zos-workflows list active-workflow-details [options]

Options

- `--workflow-name` | `--wn` *(string)*

    - List active workflow details by specified workflow name.

- `--workflow-key` | `--wk` *(string)*

    - List active workflow details by specified workflow key.

- `--list-steps` | `--ls` *(boolean)*

    - Optional parameter for listing steps and their properties.

- `--steps-summary-only` | `--sso` *(boolean)*

    - Optional parameter that lists steps summary only.

- `--list-variables` | `--lv` *(boolean)*

    - Optional parameter for listing variables and their properties.

- `--skip-workflow-summary` | `--sws` *(boolean)*

    - Optional parameter that skips the default workflow summary.

Zosmf Connection Options

- `--host` | `-H` *(string)*

    - The z/OSMF server host name.

- `--port` | `-P` *(number)*

    - The z/OSMF server port.

        Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- To list the details of an active workflow with key "7c62c790-0340-86b2-61ce618d8f8c" including its steps and variables:

  - `zowe zos-workflows list active-workflow-details --workflow-key "7c62c790-0340-86b2-61ce618d8f8c" --list-steps --list-variables`

- To list the details of an active workflow with name "testWorkflow" including its steps and variables:

  - `zowe zos-workflows list active-workflow-details --workflow-name "testWorkflow" --list-steps --list-variables`

zowe › zos-workflows › list › active-workflows

List active workflow instance(s) in z/OSMF.
Multiple filters can be used together.
Omitting all options will list all workflows on the sysplex

Usage

zowe zos-workflows list active-workflows [options]

Options

- `--workflow-name` | `--wn` *(string)*

  - Filter by workflow name. For wildcard use .*

- `--category` | `--cat` *(string)*

  - Filter by the category of the workflows, which is either general or configuration.

- `--system` | `--sys` *(string)*

  - Filter by the nickname of the system on which the workflows is/are active.

- `--owner` | `--ow` *(string)*

  - Filter by owner of the workflow(s) (a valid z/OS user ID).

- `--vendor` | `--vd` *(string)*

  - Filter by the name of the vendor that provided the workflow(s) definition file.

- `--status-name` | `--sn` *(string)*

- Filter by the status of the workflow(s).

  Allowed values: in-progress, complete, automation-in-progress, canceled

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

  Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

  Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

  Default value: https
  Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

- The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

  - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

  - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

string: Formats output data as a string. JSON objects/arrays are stringified.

Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

  - If "--response-format-type table" is specified, include the column headers in the output.

Examples

- List the workflow with name "testworkflow":

  - ```
    zowe zos-workflows list active-workflows --wn "testworkflow"
    ```

- List multiple active workflows on the entire syspex with names containing"workflow":

  - ```
    zowe zos-workflows list active-workflows --wn ".*workflow.*"
    ```

- List multiple active workflows on system "IBMSYS" with names beginnig with "testW" that are in status "complete":

  - ```
    zowe zos-workflows list active-workflows --wn "test.*" --sys "IBMSYS" --sn
    "complete"
    ```

zowe › zos-workflows › list › archived-workflows

List the archived z/OSMF workflows for a system or sysplex.

Usage

zowe zos-workflows list archived-workflows [options]

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

Response Format Options

- `--response-format-filter` | `--rff` *(array)*

    - Filter (include) fields in the response. Accepts an array of field/property names to include in the output response. You can filter JSON objects properties OR table columns/fields. In addition, you can use this option in conjunction with '--response-format-type' to reduce the output of a command to a single field/property or a list of a single field/property.

- `--response-format-type` | `--rft` *(string)*

    - The command response output format type. Must be one of the following:

    table: Formats output data as a table. Use this option when the output data is an array of homogeneous JSON objects. Each property of the object will become a column in the table.

    list: Formats output data as a list of strings. Can be used on any data type (JSON objects/arrays) are stringified and a new line is added after each entry in an array.

    object: Formats output data as a list of prettified objects (or single object). Can be used in place of "table" to change from tabular output to a list of prettified objects.

    string: Formats output data as a string. JSON objects/arrays are stringified.

    Allowed values: table, list, object, string

- `--response-format-header` | `--rfh` *(boolean)*

    - If "--response-format-type table" is specified, include the column headers in the output.

zowe › zos-workflows › list › definition-file-details

Retrieve the contents of a z/OSMF workflow definition from a z/OS system.

Usage

zowe zos-workflows list definition-file-details <definitionFilePath> [options]

Positional Arguments

- `definitionFilePath` *(string)*

- Specifies the location of the workflow definition file, which is either a UNIX path name or a fully qualified z/OS data set name.

Options

- `--list-steps` | `--ls` *(boolean)*

  - Optional parameter for listing steps and their properties.

- `--list-variables` | `--lv` *(boolean)*

  - Optional parameter for listing variables and their properties.

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

- The protocol used (HTTP or HTTPS)

  Default value: https
  Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- To list the contents of a workflow definition stored in the UNIX file "/user/dir/workflow.xml" including its steps and variables:

  - `zowe zos-workflows list definition-file-details "/user/dir/workflow.xml" --list-steps --list-variables`

- To list the contents of a workflow definition stored in the z/OS data set "USER.DATA.SET.XML" including its steps and variables:

  - `zowe zos-workflows list definition-file-details "USER.DATA.SET.XML" --list-steps --list-variables`

zowe › zos-workflows › start

Start a z/OSMF workflow on a z/OS system.

zowe › zos-workflows › start › workflow-full

Will run workflow from the beginning to the end or to the first manual step.

Usage

zowe zos-workflows start workflow-full [options]

Options

- `--workflow-key` | `--wk` *(string)*

  - Workflow key of workflow instance to be started

- `--workflow-name` | `--wn` *(string)*

  - Workflow name of workflow instance to be started

- `--resolve-conflict-by` | `--rcb` *(string)*

  - How variable conflicts should be handled.
    Options:
    outputFileValue: Allow the output file values to override the existing values.
    existingValue: Use the existing variables values instead of the output file values.
    leaveConflict: Automation is stopped. The user must resolve the conflict manually.

    Default value: outputFileValue
    Allowed values: outputFileValue, existingValue, leaveConflict

- `--wait` | `-w` *(boolean)*

  - Identifies whether to wait for workflow instance to finish.

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- To start a workflow instance in z/OSMF with workflow key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0":

  - `zowe zos-workflows start workflow-full --workflow-key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0"`

- To start a workflow instance in z/OSMF with workflow key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0" and wait forit to be finished:

  - `zowe zos-workflows start workflow-full --workflow-key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0" --wait`

- To start a workflow instance in z/OSMF with workflow key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0"and if there is a conflict in variable's value use the value that is in output file:

  - `zowe zos-workflows start workflow-full --workflow-key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0" --resolve-conflict-by "outputFileValue"`

- To start a workflow instance in z/OSMF with workflow name "testWorkflow":

  - `zowe zos-workflows start workflow-full --workflow-name "testWorkflow"`

zowe › zos-workflows › start › workflow-step

Will run given step of workflow instance plus following steps if specified by --perform-following-steps option.

Usage

zowe zos-workflows start workflow-step <stepName> [options]

Positional Arguments

- `stepName` *(string)*

    - Specifies the step name that will be run.

Options

- `--workflow-key` | `--wk` *(string)*

    - Workflow key of workflow instance to be started

- `--workflow-name` | `--wn` *(string)*

    - Workflow name of workflow instance to be started

- `--resolve-conflict-by` | `--rcb` *(string)*

    - How variable conflicts should be handled.
      Options:
      outputFileValue: Allow the output file values to override the existing values.
      existingValue: Use the existing variables values instead of the output file values.
      leaveConflict: Automation is stopped. The user must resolve the conflict manually.

      Default value: outputFileValue
      Allowed values: outputFileValue, existingValue, leaveConflict

- `--perform-following-steps` | `--pfs` *(boolean)*

    - Identifies whether to perform also following steps in the workflow instance.

      Default value: false

Zosmf Connection Options

- `--host` | `-H` *(string)*

    - The z/OSMF server host name.

- `--port` | `-P` *(number)*

    - The z/OSMF server port.

      Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- To start step "Step1" only in a workflow instance in z/OSMF with workflow key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0":

  - `zowe zos-workflows start workflow-step "Step1" --workflow-key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0"`

- To start a workflow instance in z/OSMF from step "Step1" with workflow key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0":

  - `zowe zos-workflows start workflow-step "Step1" --workflow-key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0" --perform-following-steps`

- To start step "Step1" only in a workflow instance in z/OSMF with workflow key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0"and if there is a conflict in variable's value use the value that is in output file:

  - `zowe zos-workflows start workflow-step "Step1" --workflow-key "d043b5f1-adab-48e7-b7c3-d41cd95fa4b0" --resolve-conflict-by "outputFileValue"`

- To start step "Step1" only in a workflow instance in z/OSMF with workflow name "testWorkflow":

  - `zowe zos-workflows start workflow-step "Step1" --workflow-name "testWorkflow"`

zowe › zosconnect

z/OS Connect EE plugin for Zowe CLI

zowe › zosconnect › api

Manage z/OS Connect EE APIs

zowe › zosconnect › api › delete

Delete an API

Usage

zowe zosconnect api delete <apiName> [options]

Positional Arguments

- `apiName` *(string)*

    - The name of the API to delete.

Options

- `--force` | `-f` *(boolean)*

    - Whether the API should be deleted regardless of status

- `--rejectUnauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates

        Default value: true

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

    - URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

    - User ID for accessing the server

- `--password` | `-p` *(string)*

  - Password for the User

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

  - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › zosconnect › api › info

Get detailed information about an API

Usage

zowe zosconnect api info <apiName> [options]

Positional Arguments

- `apiName` *(string)*

    - The name of the API.

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

    - URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

    - User ID for accessing the server

- `--password` | `-p` *(string)*

    - Password for the User

Options

- `--rejectUnauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates

        Default value: true

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

    - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › zosconnect › api › install

Install a new API

Usage

zowe zosconnect api install <file> [options]

Positional Arguments

- `file` *(string)*

  - The AAR file to install

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

    - URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

    - User ID for accessing the server

- `--password` | `-p` *(string)*

    - Password for the User

Options

- `--rejectUnauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates

      Default value: true

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

    - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

      Default value: true

- `--token-type` | `--tt` *(string)*

- The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › zosconnect › api › list

List the APIs installed in the server

Usage

zowe zosconnect api list [options]

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

  - URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

  - User ID for accessing the server

- `--password` | `-p` *(string)*

  - Password for the User

Options

- `--rejectUnauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

  - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › zosconnect › api › start

Set an APIs status to started

Usage

zowe zosconnect api start <apiName> [options]

Positional Arguments

- `apiName` *(string)*

    - The name of the API to start.

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

    - URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

    - User ID for accessing the server

- `--password` | `-p` *(string)*

    - Password for the User

Options

- `--rejectUnauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates

        Default value: true

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

    - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

- Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › zosconnect › api › stop

Set an APIs status to stopped

Usage

zowe zosconnect api stop <apiName> [options]

Positional Arguments

- `apiName` *(string)*

  - The name of the API to stop.

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

  - URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

- User ID for accessing the server

- `--password` | `-p` *(string)*

    - Password for the User

Options

- `--rejectUnauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates

      Default value: true

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

    - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

      Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

zowe › zosconnect › api › update

Update an existing API

Usage

zowe zosconnect api update <apiName> <file> [options]

Positional Arguments

- `apiName` *(string)*

    - The name of the API to update.

- `file` *(string)*

    - The new AAR file for the API

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

    - URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

    - User ID for accessing the server

- `--password` | `-p` *(string)*

    - Password for the User

Options

- `--rejectUnauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates

        Default value: true

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

  - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › zosconnect › apirequester

Manage z/OS Connect EE API Requesters

zowe › zosconnect › apirequester › delete

Delete an API Requester

Usage

zowe zosconnect apirequester delete <apiRequesterName> [options]

Positional Arguments

- `apiRequesterName` *(string)*

  - The name of the API Requster to delete.

Options

- `--force` | `-f` *(boolean)*

  - Delete the API Requester regardless of status.

- `--rejectUnauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

  - URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

  - User ID for accessing the server

- `--password` | `-p` *(string)*

  - Password for the User

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

  - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › zosconnect › apirequester › info

Get detailed information about an API Requester

Usage

zowe zosconnect apirequester info <apiRequesterName> [options]

Positional Arguments

- `apiRequesterName` *(string)*

- The name of the API Requester.

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

    - URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

    - User ID for accessing the server

- `--password` | `-p` *(string)*

    - Password for the User

Options

- `--rejectUnauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates

        Default value: true

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

    - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › zosconnect › apirequester › install

Install a new API Requester

Usage

zowe zosconnect apirequester install <file> [options]

Positional Arguments

- `file` *(string)*

  - The ARA file to install

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

  - URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

  - User ID for accessing the server

- `--password` | `-p` *(string)*

  - Password for the User

Options

- `--rejectUnauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

  - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

- The file path to a certificate key file to use for authentication

zowe › zosconnect › apirequester › list

List the API Requesters installed in the server

Usage

zowe zosconnect apirequester list [options]

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

  - URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

  - User ID for accessing the server

- `--password` | `-p` *(string)*

  - Password for the User

Options

- `--rejectUnauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

  - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › zosconnect › apirequester › start

Set an API Requester status to started

Usage

zowe zosconnect apirequester start <apiRequesterName> [options]

Positional Arguments

- `apiRequesterName` *(string)*

  - The name of the API Requester to start.

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

  - URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

    - User ID for accessing the server

- `--password` | `-p` *(string)*

    - Password for the User

Options

- `--rejectUnauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates

        Default value: true

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

    - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

- The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › zosconnect › apirequester › stop

Set an API Requesters status to stopped

Usage

zowe zosconnect apirequester stop <apiRequesterName> [options]

Positional Arguments

- `apiRequesterName` *(string)*

  - The name of the API Requester to stop.

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

  - URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

  - User ID for accessing the server

- `--password` | `-p` *(string)*

  - Password for the User

Options

- `--rejectUnauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

    - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

zowe › zosconnect › apirequester › update

Update an existing API Requester

Usage

zowe zosconnect apirequester update <apiRequesterName> <file> [options]

Positional Arguments

- `apiRequesterName` *(string)*

    - The name of the API Requester to update

- `file` *(string)*

    - The new ARA file for the API Requester

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

    - URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

    - User ID for accessing the server

- `--password` | `-p` *(string)*

    - Password for the User

Options

- `--rejectUnauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates

        Default value: true

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

    - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

- Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › zosconnect › service

Manage z/OS Connect EE Services

zowe › zosconnect › service › delete

Delete a Service

Usage

zowe zosconnect service delete <serviceName> [options]

Positional Arguments

- `serviceName` *(string)*

  - The name of the Service to delete

Options

- `--force` | `-f` *(boolean)*

    - Delete the Service regardless of status.

- `--rejectUnauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates

        Default value: true

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

    - URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

    - User ID for accessing the server

- `--password` | `-p` *(string)*

    - Password for the User

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

    - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

    - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

    - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

    - Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

- Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

    - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

zowe › zosconnect › service › info

Get detailed information about a Service

Usage

zowe zosconnect service info <serviceName> [options]

Positional Arguments

- `serviceName` *(string)*

    - The name of the Service.

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

    - URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

    - User ID for accessing the server

- `--password` | `-p` *(string)*

- Password for the User

Options

- `--rejectUnauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

  - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › zosconnect › service › install

Install a new Service

Usage

zowe zosconnect service install <file> [options]

Positional Arguments

- `file` *(string)*

  - The SAR file to install

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

  - URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

  - User ID for accessing the server

- `--password` | `-p` *(string)*

  - Password for the User

Options

- `--rejectUnauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

  - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

- The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › zosconnect › service › list

List the Services installed in the server

Usage

zowe zosconnect service list [options]

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

- URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

  - User ID for accessing the server

- `--password` | `-p` *(string)*

  - Password for the User

Options

- `--rejectUnauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

  - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

zowe › zosconnect › service › start

Set a Services status to started

Usage

zowe zosconnect service start <serviceName> [options]

Positional Arguments

- `serviceName` *(string)*

    - The name of the Service to start.

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

    - URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

    - User ID for accessing the server

- `--password` | `-p` *(string)*

    - Password for the User

Options

- `--rejectUnauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates

        Default value: true

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

  - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › zosconnect › service › stop

Set a Services status to stopped

Usage

zowe zosconnect service stop <serviceName> [options]

Positional Arguments

- `serviceName` *(string)*

  - The name of the Service to stop.

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

  - URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

  - User ID for accessing the server

- `--password` | `-p` *(string)*

  - Password for the User

Options

- `--rejectUnauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

  - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

- Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

zowe › zosconnect › service › update

Update an exisiting Service

Usage

zowe zosconnect service update <serviceName> <file> [options]

Positional Arguments

- `serviceName` *(string)*

  - The name of the Service to update.

- `file` *(string)*

  - The new SAR file for the Service

z/OS Connect EE Connection Options

- `--address` | `-a` *(string)*

- URI of the z/OS Connect EE server

- `--user` | `-u` *(string)*

  - User ID for accessing the server

- `--password` | `-p` *(string)*

  - Password for the User

Options

- `--rejectUnauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates

    Default value: true

Profile Options

- `--zosconnect-profile` | `--zosconnect-p` *(string)*

  - The name of a (zosconnect) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--host` | `-H` *(string)*

  - Host name of service on the mainframe.

- `--port` | `-P` *(number)*

  - Port number of service on the mainframe.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

    - The value of the token to pass to the API.

- `--cert-file` *(local file path)*

    - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

    - The file path to a certificate key file to use for authentication

- `--token-value` | `--tv` *(string)*

zowe › zosmf

Retrieve and show the properties of a z/OSMF web server.

zowe › zosmf › check

Confirm that z/OSMF is running on a specified system and gather information about the z/OSMF server for diagnostic purposes.

zowe › zosmf › check › status

Confirm that z/OSMF is running on a system specified in your profile and gather information about the z/OSMF server for diagnostic purposes. The command outputs properties of the z/OSMF server such as version, hostname, and installed plug-ins.

Usage

zowe zosmf check status [options]

Zosmf Connection Options

- `--host` | `-H` *(string)*

    - The z/OSMF server host name.

- `--port` | `-P` *(number)*

    - The z/OSMF server port.

        Default value: 443

- `--user` | `-u` *(string)*

    - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

    - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

    - Reject self-signed certificates.

        Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Report the status of the z/OSMF server that you specified in your default z/OSMF profile:

  - `zowe zosmf check status`

- Report the status of the z/OSMF server that you specified in a supplied z/OSMF profile:

  - `zowe zosmf check status --zosmf-profile SomeZosmfProfileName`

- Report the status of the z/OSMF server that you specified manually via command line:

  - `zowe zosmf check status --host myhost --port 443 --user myuser --password mypass`

zowe › zosmf › list

Obtain a list of systems that are defined to a z/OSMF instance.

zowe › zosmf › list › systems

Obtain a list of systems that are defined to a z/OSMF instance.

Usage

zowe zosmf list systems [options]

Zosmf Connection Options

- `--host` | `-H` *(string)*

  - The z/OSMF server host name.

- `--port` | `-P` *(number)*

  - The z/OSMF server port.

    Default value: 443

- `--user` | `-u` *(string)*

  - Mainframe (z/OSMF) user name, which can be the same as your TSO login.

- `--password` | `--pass` | `--pw` *(string)*

  - Mainframe (z/OSMF) password, which can be the same as your TSO password.

- `--reject-unauthorized` | `--ru` *(boolean)*

  - Reject self-signed certificates.

    Default value: true

- `--base-path` | `--bp` *(string)*

  - The base path for your API mediation layer instance. Specify this option to prepend the base path to all z/OSMF resources when making REST requests. Do not specify this option if you are not using an API mediation layer.

- `--protocol` *(string)*

  - The protocol used (HTTP or HTTPS)

    Default value: https
    Allowed values: http, https

- `--cert-file` *(local file path)*

  - The file path to a certificate file to use for authentication

- `--cert-key-file` *(local file path)*

  - The file path to a certificate key file to use for authentication

Profile Options

- `--zosmf-profile` | `--zosmf-p` *(string)*

  - The name of a (zosmf) profile to load for this command execution.

- `--base-profile` | `--base-p` *(string)*

  - The name of a (base) profile to load for this command execution.

Base Connection Options

- `--token-type` | `--tt` *(string)*

  - The type of token to get and use for the API. Omit this option to use the default token type, which is provided by 'zowe auth login'.

- `--token-value` | `--tv` *(string)*

  - The value of the token to pass to the API.

Examples

- Obtain a list of systems defined to a z/OSMF instance with your default z/OSMF profile:

  - `zowe zosmf list systems`

- Obtain a list of systems defined to a z/OSMF instance for the specified z/OSMF profile:

  - `zowe zosmf list systems --zosmf-profile SomeZosmfProfileName`

- Obtain a list of the systems defined to a z/OSMF instance that you specified in the command line:

  - `zowe zosmf list systems --host myhost --port 443 --user myuser --password mypass`