NetApp

smcli ...

SANtricity commands

NetApp
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Test alerts

The `SMcli alertTest` command sends out a test alert to the Windows Event Log and all configured syslog receivers.

Supported Arrays

This command applies only to the E2700 and E5600 storage arrays.

Context

> ℹ️ This command is an SMcli command, not a script command. You must run this command from a command line. You cannot run this command from the script editor in the storage management software

Syntax

```
SMcli -alertTest
```

Parameters

None.

Minimum Firmware Level

7.83

Display AutoSupport bundle collection settings

The `SMcli -autoSupportConfig show` command displays the AutoSupport bundle collection settings for the management domain. These settings apply to all of the storage arrays in your management domain for which you have enabled AutoSupport.

Supported Arrays

This command applies to all E2700 and E5600 storage arrays in the management domain at once. It does not apply to E2800 or E5700 storage arrays.

Context

The command output from this command shows the following configuration information:

- The activation status for this management domain of the AutoSupport feature, the AutoSupport OnDemand feature, and the AutoSupport Remote Diagnostics feature

- Delivery parameters that depend on the configured delivery method:
  - Delivery method is SMTP: Destination email address, mail relay server, and sender email address are shown
  - Delivery method is HTTP or HTTPs:
    - Direct connection - destination IP address is shown
    - Proxy server connection - Host address, port number, and authentication details are shown
    - Automatic proxy configuration script (PAC) connection - script location is shown
- A table that lists, for each storage array, the name of the array, whether or not it is an ASUP-capable array, the chassis serial numbers, and the IP addresses for the controllers in the array

Context

ⓘ This command is an SMcli command, not a script command. You must run this command from a command line. You cannot run this command from the script editor in the storage management software.

ⓘ This command applies to all E2700 and E5600 storage arrays in the management domain at once. It does not apply to E2800 or E5700 storage arrays.

Syntax

```
SMcli -autoSupportConfig show
```

Parameters

None.

Minimum Firmware Level

8.25

Example output for the activation statuses

```
The AutoSupport feature is activated on this storage management station.
The AutoSupport OnDemand feature is de-activated on this storage
management station.
The AutoSupport Remote Diagnostics feature is de-activated on this storage
management station.
```

Example output for the SMTP delivery method

```
Delivery method: SMTP
Destination email address:  http://asupserver.corp.netapp.com/put/AsupPut/
Mail relay server: server.eng.netapp.com
Sender email address:  user@netapp.com
```

Example output for the HTTP or HTTPS delivery method with a direct connection

```
Delivery method:  HTTP
Destination IP address:  http://asupserver.corp.netapp.com/put/AsupPut/
Connection:  Direct
```

Example output for the HTTP delivery method with a proxy connection

```
Connection:  Proxy server
Host Address:  10.227.76.123
Port number: 8080
Authentication required: Yes
User name: admin
Password: **********
```

Example output for the HTTP delivery method with an automatic proxy configuration script (PAC)

```
Connection: Automatic proxy configuration script (PAC)
Script location: http://esgweb.eng.netapp.com/~user/proxy.pac
```

Example output for array table (all delivery methods)

```
Name  AutoSupport Capable   Chassis Serial Number   IP Address
SA_1  Yes (enabled)         SX94500434              10.113.173.123,
10.113.173.456
SA_2  Yes (disabled)        SX94607107              10.113.174.789,
10.113.174.345
SA_3  No                    Not available           10.113.59.58,
10.113.59.59
```

Test the AutoSupport configuration

Use the `SMcli -autoSupportConfig test` command to test the AutoSupport configuration by sending a test message. This command operates on the management

domain. The storage management software chooses an Auto-Support capable array in the management domain for sample data to include with the test message.

Supported Arrays

This command applies to all E2700 and E5600 storage arrays in the management domain at once. It does not apply to E2800 or E5700 storage arrays.

Context

ⓘ This command is an SMcli command, not a script command. You must run this command from a command line. You cannot run this command from the script editor in the storage management software.

ⓘ The Persistent Monitor should be running on the management station to send scheduled or event-triggered AutoSupport messages. Start the service before using this command.

Syntax

```
SMcli -autoSupportConfig test reply-toEmail<address>
```

Parameters

The following table lists the parameters for sending an AutoSupport test message.

Parameter	Description
test	Required parameter for the command. Requires no value.
reply-toEmail	Allows the user to specify the reply-to email address for the AutoSupport messages of SMTP delivery type.

Minimum Firmware Level

8.25

Example of testing using HTTP/HTTPs delivery

Following are examples of the usage of this command when using an HTTP or HTTPs delivery type, where you will not specify an email-address for delivery.

```
SMcli -autoSupportConfig test
The sample AutoSupport message was successfully sent to the ASUP gateway.

SMcli completed successfully.
```

Example of testing using SMTP delivery

Following are examples of the usage of this command. When using an SMTP delivery method, you can use the `reply-toEmail` parameter to specify the destination address.

```
SMcli -autoSupportConfig test reply-toEmail:user@netapp.com
The sample AutoSupport message was successfully sent to the ASUP gateway.

An email has been sent to 'user@netapp.com', please check the mailbox
for delivery confirmation.

SMcli completed successfully.
```

Specify the AutoSupport delivery method

The `SMcli -autoSupportConfig` command sets up the delivery method for sending AutoSupport messages.

Supported Arrays

This command applies to all E2700 and E5600 storage arrays in the management domain at once. It does not apply to E2800 or E5700 storage arrays.

Context

> ⓘ This command is an SMcli command, not a script command. You must run this command from a command line. You cannot run this command from the script editor in the storage management software.

You can create two major types of delivery methods for sending AutoSupport messages:

- SMTP — Use this method when you want to use email as the delivery method for sending AutoSupport messages.
- HTTP/HTTPS — Use this method when you want to send AutoSupport messages using the HTTP or HTTPS protocols. You need to use HTTPS if you want to use AutoSupport OnDemand or AutoSupport Remote Diagnostics.

Syntax for SMTP Delivery Method

```
SMcli -autoSupportConfig deliveryMethod=SMTP
mailRelayServer=<mailRelayServerName> senderMail=<senderEmailAddress>
```

Parameters for the SMTP Delivery Method

Parameter	Description
deliveryMethod	Allows you to specify the delivery method of the AutoSupport messages. Valid choice is SMTP. See the next section of this topic for information about using HTTP or HTTPS, which are also valid.
mailRelayServer	Allows you to specify the mail relay server for the AutoSupport messages.
senderMail	Allows you to specify the sender email address for the AutoSupport messages.

Syntax for HTTP/HTTPs Delivery Methods

```
SMcli -autoSupportConfig deliveryMethod={HTTP|HTTPS}
  {direct|proxyConfigScript=<proxyConfigScript>| proxyServer
hostAddress:<address>portNumber=<portNumber>
[userName=<userName>password=<password>]}
```

Parameters for the HTTP/HTTPS Delivery Methods

The following table lists the parameters for the HTTP/HTTPS delivery methods.

Parameter	Description
deliveryMethod	Allows you to specify the delivery method of the AutoSupport messages. Valid choices are HTTPS and HTTP (see prior section for use of SMTP, which is also valid).
direct	Allows you to connect directly to the destination technical support systems using the HTTPS or HTTP protocols.
proxyConfigScript	Allows you to specify the location of a Proxy Auto-Configuration (PAC) script file.
proxyServer	Allows you to specify the HTTP(s) proxy server details required for establishing connection with the destination technical support system.
hostAddress	The host IP address of the proxyServer.
portNumber	The port number of the proxy server. This parameter is required when the proxyServer parameter is used.

Parameter	Description
`userName`	The user name. This parameter is required.
`password`	The authentication password. This parameter is required.

Minimum Firmware Level

8.25

Examples

```
SMcli —autoSupportConfig deliveryMethod=SMTP
mailRelayServer:server.eng.netapp.com
senderEmail:user@netapp.com
```

```
SMcli -autoSupportConfig deliveryMethod=HTTPS
proxyServer hostAddress:10.117.12.112 portNumber=8080
userName=user password=0987654321
```

Verification

Send a test message using the `SMcli -autoSupportConfig test` command to verify that your delivery methods are set up correctly.

Capture or view an AutoSupport log

The `SMcli -autoSupportLog` command allows you to view an AutoSupport log file. This file provides information about status, history of transmission activity, and any errors encountered during delivery of the AutoSupport messages. The log is available for all AutoSupport-capable and AutoSupport-enabled storage arrays.

Supported Arrays

This command applies to all E2700 and E5600 storage arrays in the management domain at once. It does not apply to E2800 or E5700 storage arrays.

Context

This command allows you to view two types of logs:

- Current log- View the log captured at this point in time.
- Archive log- View the log from an archived file.

	This command is an SMcli command, not a script command. You must run this command from a command line. You cannot run this command from the script editor in the storage management software.

Syntax

```
SMcli -autoSupportLog (all|-n "storageArrayName" | -w "wwID")
inputArchive=n outputLog=filename
```

Parameters

The following table lists the command parameters.

Parameter	Description
all	Use this parameter if you want to create a transmission log for all of the storage arrays in the management domain with AutoSupport capability that have been AutoSupport enabled.
n	The name for the storage array for which you want to view an AutoSupport log.
w	The World Wide Identifier (WWID) of the storage array for which you want to view an AutoSupport log.
inputArchive	Allows you to specify the archived AutoSupport log, where the archive file is n, an integer from 0 to 5. ⓘ Omitting this parameter means you select the current AutoSupport log (captured at this point in time).
outputLog	Allows you to specify the output AutoSupport log filename. ⓘ This parameter is required.

Minimum Firmware Level

8.25

Example

```
SMcli -autosupportLog -n StorageArrayName inputArchive=0
outputLog=ASUPTransmissionLog
```

Verification

View the AutoSupport log you requested, which is in the client directory where the storage management software was installed.

Reset AutoSupport message collection schedule

The `SMcli autoSupportSchedule reset` command resets the daily and weekly times and days of the week that AutoSupport messages are sent. You can accept default random values generated by the management software, or you can specify values with this command.

Supported Arrays

This command applies to all E2700 and E5600 storage arrays in the management domain at once. It does not apply to E2800 or E5700 storage arrays.

Context

> ⓘ   This command is an SMcli command, not a script command. You must run this command from a command line. You cannot run this command from the script editor in the storage management software.

- If AutoSupport is enabled, the management software sends both daily AutoSupport messages and weekly AutoSupport messages.
- The management software randomly selects a time of day for both daily and weekly messages and a day of the week for weekly messages. Management software makes all attempts to ensure that no two storage arrays within a management domain sends scheduled AutoSupport messages at the same time.
- You can specify a range (hour-level granularity) of when to send daily and when to send weekly messages for the storage arrays in your management domain.
- For the weekly schedule, you select preferred days of the week for AutoSupport collection and transmission.

Syntax

```
SMcli -autoSupportSchedule reset | (dailyTime=<startTime>-<endTime>
   dayOfWeek=[Sunday Monday Tuesday Wednesday Thursday Friday Saturday]
   weeklyTime=<startTime>-<endTime>)
```

Parameters

Parameter	Description
`reset`	Resets and generates new schedules using a 24 hour day and 7 day weeks (Sunday to Saturday) time interval.
`dailyTime`	`<startTime>` - `<endTime>` Specifies the time of day that you want to start and end the collection of AutoSupport data for all storage arrays. The startTime and endTime must be in the form of HH:MM[am|pm}.
`dayOfWeek`	[Sunday|Monday|Tuesday|Wednesday|Thursday|Friday|Saturday] Specifies the preferred days of the week (Sunday through Saturday) that you want to collect AutoSupport bundle collection data for all storage arrays. The `dayOfWeek` parameter must be surrounded by brackets and separated with a space.
`weeklyTime`	`<startTime>` - `<endTime>` Specifies the time of day that you want to start and end the collection of the AutoSupport bundle collection data for each day of the week that you have selected. The `startTime` and `endTime` must be in the form of HH:MM[am|pm].

Minimum Firmware Level

8.25

Example

```
  SMcli -autoSupportSchedule dailyTime=10:00am-11:00am
 dayOfWeek=[Monday Thursday Friday] weeklyTime=2:00am-3:00am
```

SMcli -autoSupportSchedule dailyTime=10:00am-11:00am dayOfWeek=[Monday Thursday Friday] weeklyTime=2:00am-3:00am

Verification

Use the `SMcli -autoSupportSchedule show` command to see the resulting change to the schedule in the management domain.

Display AutoSupport message collection schedule

The `SMcli -autoSupportSchedule show` command shows the schedule for collection and processing of both daily and weekly AutoSupport messages.

Supported Arrays

This command applies to all E2700 and E5600 storage arrays in the management domain at once. It does not apply to E2800 or E5700 storage arrays.

Context

ⓘ   This command is an SMcli command, not a script command. You must run this command from a command line. You cannot run this command from the script editor in the storage management software.

Note the following with regard to the scheduling of Automatic Support Bundle collection:

- If AutoSupport is enabled, the management software sends both daily AutoSupport messages and weekly AutoSupport messages.
- The management software randomly selects a time of day for both daily and weekly messages and a day of the week for weekly messages.
- The management software makes all attempts to ensure that no two storage arrays within a management domain send scheduled AutoSupport messages at the same time.
- Using the `SMcli -autoSupportSchedule reset` command, you can specify a range (hour-level granularity) of preferred times to send both daily and weekly messages for the storage arrays in your management domain. For the weekly messages schedule, you use the command to select preferred days of the week.

Syntax

```
SMcli -autoSupportSchedule show
```

Parameters

None.

Minimum Firmware Level

8.25

Example

The output shows both the preferred time ranges, followed by the daily and weekly schedule.

ⓘ   If you do not select preferred time ranges for both schedules, and preferred days of the week, then this command shows the daily schedule and weekly schedule that the storage management software picked at random.

```
SMcli -autoSupportSchedule show
The AutoSupport daily schedule preferred time range is from 12:00 AM to
01:00 AM.
The AutoSupport weekly schedule preferred time range is from 10:00 PM to
11:00 PM on Thursday, Saturday.

Name            Daily Schedule           Weekly Schedule
Accounting      12:55 AM                 10:08 PM on Thursdays
Finance         12:02 AM                 10:30 PM on Saturdays


SMcli completed successfully.
```

Enable or disable AutoSupport at the EMW management domain level (SMcli only)

The `SMcli enable autoSupportFeature` command turns on the AutoSupport (ASUP) feature for all managed storage arrays and makes it possible to transmit messages to the technical support site. After you enable the ASUP feature, any ASUP-capable storage array is automatically prepared to collect and send support-related data to technical support. The data can then be used for remote troubleshooting and problem analysis.

Supported Arrays

This command applies to all E2700 and E5600 storage arrays in the management domain at once. It does not apply to E2800 or E5700 storage arrays.

Context

(i) This command is an SMcli command, not a script command. You must run this command from a command line. You cannot run this command from the script editor in the storage management software.

(i) The Persistent Monitor must be enabled for the AutoSupport feature to work.

(i) No customer data is ever transmitted to the technical support site.

This command impacts all ASUP-capable storage arrays in the management domain. After enabling this feature for the management domain, you have control over the feature enablement for each storage array.

After enabling this feature, you can next enable the AutoSupport OnDemand feature (if desired), and then enable the AutoSupport Remote Diagnostics feature (if desired).

You must enable the three features in the following order:

1. **Enable AutoSupport**

2. **Enable AutoSupport OnDemand**
3. **Enable AutoSupport Remote Diagnostics**

Syntax

```
SMcli enable|disable autoSupportFeature
```

Parameters

None.

Verification

Use the `SMcli -autoSupportConfig show` command to see whether you have enabled the feature. The initial line of the displayed output shows the enable status:

```
The AutoSupport feature is activated on this storage management station.
```

Minimum Firmware Level

7.86

Enable or disable the AutoSupport OnDemand feature at the EMW management domain level (SMcli only)

The `SMcli enable|disable autoSupportOnDemand` command turns on or turns off the AutoSupport OnDemand feature. This feature allows technical support to coordinate AutoSupport data transmission, and allows them to request the re-transmission of missing support data.

Supported Arrays

This command applies to all E2700 and E5600 storage arrays in the management domain at once. It does not apply to E2800 or E5700 storage arrays.

Context

> (i) This command is an SMcli command, not a script command. You must run this command from a command line. You cannot run this command from the script editor in the storage management software.

Before enabling this feature, you must first enable the AutoSupport feature on the management domain. After enabling this feature, you can next enable the AutoSupport Remote Diagnostics feature (if desired). The AutoSupport Remote Diagnostics features is enabled, by default, when the AutoSupport OnDemand feature is enabled.

Syntax

```
SMcli enable|disable autoSupportOnDemand
```

Parameters

None.

Verification

Use the `SMcli -autoSupportConfig show` command to see if you have enabled the feature. The initial two lines of the displayed output show the enable status of the AutoSupport feature, followed by the AutoSupport OnDemand feature:

```
The AutoSupport feature is activated on this storage management
station.
The AutoSupport OnDemand feature is activated on this storage
management station.
```

Minimum Firmware Level

8.25

Enable or disable the AutoSupport remote diagnostics feature at the EMW management domain level (SMcli only)

The `SMcli enable|disable autoSupportRemoteDiag` command turns on or turns off the AutoSupport Remote Diagnostics feature. This feature enables technical support to request support data to diagnose problems remotely.

Supported Arrays

This command applies to all E2700 and E5600 storage arrays in the management domain at once. It does not apply to E2800 or E5700 storage arrays.

Context

> (i) This command is an SMcli command, not a script command. You must run this command from a command line. You cannot run this command from the script editor in the storage management software.

> (i) This command impacts all ASUP-capable storage arrays in the management domain.

Before enabling this feature, first enable the AutoSupport feature and then the AutoSupport OnDemand feature on the management domain.

You must enable the three features in this order.

1. **Enable AutoSupport**
2. **Enable AutoSupport OnDemand**
3. **Enable AutoSupport Remote Diagnostics**

Syntax

```
SMcli enable|disable autoSupportRemoteDiag
```

Parameters

None.

Verification

Use the `SMcli -autoSupportConfig show` command to see whether you have enabled the feature. The initial three lines of the displayed output show the enable status of the AutoSupport feature, followed by the AutoSupport OnDemand feature, followed by the status of the AutoSupport Remote Diagnostics feature:

```
The AutoSupport feature is activated on this storage management
station.
The AutoSupport OnDemand feature is activated on this storage management
station.
The AutoSupport Remote Diagnostics feature is activated on this storage
management station.
```

Minimum Firmware Level

8.25

Schedule automatic support bundle collection configuration

The `SMcli -supportBundle schedule` command creates or removes a schedule for saving a support bundle on one or more storage arrays. You collect system and configuration information in support bundles to transmit the information to technical support for analysis and diagnostics.

> (i) This command is an SMcli command, not a script command. You must run this command from a command line. You cannot run this command from the script editor in the storage management software.

You can create two types of schedules:

- Daily/Weekly — Use this schedule when you need to frequently collect data to monitor new configurations or troubleshoot an existing configuration.

- Monthly/Yearly — Use this schedule when you are collecting data for evaluating the long term operation of your storage array.

Syntax for creating a daily/weekly schedule

```
SMcli -supportBundle schedule enable
(all | storageArrayName)
startTime=HH:MM
startDate=MM:DD:YYYY
endDate=MM:DD:YYYY
daysOfWeek=[Sunday Monday Tuesday Wednesday Thursday Friday Saturday]
data=pathName
```

Syntax for creating a monthly/yearly schedule

```
SMcli -supportBundle schedule enable
(all | storageArrayName)
startTime=HH:MM
startDate=MM:DD:YYYY
endDate=MM:DD:YYYY
months=[January February March April May June July August September
October
November December]
weekNumber=(First|Second|Third|Fourth|Last)
dayOfWeek=(Sunday|Monday|Tuesday|Wednesday|Thursday|Friday|Saturday)|
onDays=[1-31] |
data=pathName
```

Syntax for removing a schedule

(i) This command completely removes the schedule for the storage array. To start saving support bundle information again, you need to create a new schedule.

```
SMcli -supportBundle schedule disable
(all|storageArrayName)
```

Parameters

The following table lists the parameters for a daily/weekly schedule.

Parameter	Description
enable	Enable automatic collection of support bundles when a critical MEL event is detected. This parameter resumes collecting support bundle data if it has been suspended. You must use the parameter whenever you create a new schedule or modify an existing schedule.
all	Use this parameter if you want to set a collection schedule for all of the storage arrays detected from the host.
storageArrayName	The name of a specific storage array for which you want to set a schedule.
startTime	The time of day that you want the collection of a support bundle to start. The format for entering the time is HH:MM, where HH is the hour and MM is the minute past the hour. Use a 24-hour clock. The default time is 00:00, midnight. If you do not enter a time to start and you have enabled support bundle collection, collection of the data automatically occurs at midnight.
startDate	A specific date on which you want to start collecting support bundle data. The format for entering the date is MM:DD:YY. The default date is the current date.
endDate	A specific date on which you want to stop collecting support bundle data. The format for entering the date is MM:DD:YY. The default is none. If you use this parameter, it must be at least one week after the start date and cannot occur in the past.

Parameter	Description

`daysOfWeek`	Specific day or days of the week on which you want to collect support bundle data. Use this parameter when you want to collect support bundle data on one or more days of week. For example:
	
	`daysOfWeek=[Tuesday]`
	
	`daysOfWeek=[Monday Wednesday Friday]`
	
	Enclose the days of the week in square brackets ([ ]). If you enter more than one day, separate each day with a space.

`data`	The file path and the file name to which you want to save the support bundle data. For example: `file="C:\Program Files\CLI\sup\data.txt"` ⓘ You can use any file extension. Enclose the file path and name in double quotation marks (" ").

The following table lists the parameters for a monthly/yearly schedule.

Parameter	Description
`enable`	Enable automatic collection of support bundles when a critical MEL event is detected. This parameter resumes collecting support bundle data if it has been suspended. You must use the parameter whenever you create a new schedule or modify an existing schedule.
`all`	Use this parameter if you want to set a collection schedule for all of the storage arrays detected from the host.
`storageArrayName`	The name of a specific storage array for which you want to set a schedule.

Parameter	Description
startTime	The time of a day that you want the collection of a support bundle to start. The format for entering the time is HH:MM, where HH is the hour and MM is the minute past the hour. Use a 24-hour clock. The default time is 00:00, midnight. If you do not enter a time to start and you have enabled support bundle collection, collection of the data automatically occurs at midnight.
startDate	A specific date on which you want to start collecting support bundle data. The format for entering the date is MM:DD:YY. The default date is the current date.
endDate	A specific date on which you want to stop collecting support bundle data. The format for entering the date is MM:DD:YY. The default is none.

months	Specific month or months of the year on which you want to collect support bundle data. Use this parameter when you want to collect support bundle data on one or more months of a year. For example:
	
	`months=[June]`
	
	`months=[January April July October]`
	
	Enclose the month in square brackets ([ ]). If you enter more than one month, separate each month with a space.

weekNumber	A week in the month during which you want to collect support bundle data. For example: `weekNumber=first`

Parameter	Description
dayOfWeek	A specific day of the week on which you want to collect support bundle data. Use this parameter when you want to collect support bundle data on only one day of the week. For example: ``` dayOfWeek=Wednesday ```
onDays	Specific day or days in a month on which you want to collect support bundle data. For example: ``` onDays=[15] ``` ``` onDays=[7 21] ``` Enclose the day in square brackets ([ ]). If you enter more than one day, separate each day with a space. (i) You cannot use the **onDays** parameter with either the **weekNumber** parameter or the **dayOfWeek** parameter.
data	The file path and the file name to which you want to save the support bundle data. For example: ``` file="C:\Program Files\CLI\sup\data.txt" ``` (i) You can use any file extension. Enclose the file path and name in double quotation marks (" ").

The following table lists the parameters for removing a schedule.

Parameter	Description
`disable`	Disables the automatic collection of support bundles and deletes any previously defined schedules immediately. ⓘ Disabling a schedule also deletes the schedule.
`all`	Use this parameter if you want to set a collection schedule for all of the storage arrays detected from the host.
`storageArrayName`	The name of a specific storage array for which you want to set a schedule.

Notes

When you use the `all` parameter to set a common schedule for all of the storage arrays, the schedules for individual storage arrays are deleted. If a schedule is set for all storage arrays, newly discovered storage arrays will follow the same schedule. If a schedule is set for all storage arrays and then a schedule is set for a single storage array, newly discovered storage arrays will not have a schedule defined.

Following are examples of the usage of this command. The first example is of a daily/weekly schedule that meets these criteria for collecting support bundle data:

- The storage array name is DevKit4
- The collection start time is 02:00 (2:00 in the morning)
- The start date is 05:01:2013 (May 1, 2013)
- Data will be collected on Monday and Friday of each week
- This schedule does not have an end date, and can be stopped only by running the `SMcli -supportBundle schedule disable` command

```
SMcli -supportBundle schedule enable DevKit4 startTime=02:00
startDate=05:01:2013 endDate=05:10:2014 daysOfWeek=[Monday Friday]
```

The second example is of a monthly/yearly schedule that meets these criteria for collecting support bundle data:

- The storage array name is eng_stor1
- The collection start time is 04:00 (4:00 in the morning)
- The start date is 05:01:2013 (May 1, 2013)
- Data will be collected in March, April, May, June, and August
- Data will be collected on the first and twenty-first days of each month
- This schedule does not have an end date, and can be stopped only by running the `SMcli`

`-supportBundle schedule disable` command

```
SMcli -supportBundle schedule enable eng_stor1 startTime=04:00
startDate=05:01:2013 months=[March April May June August] onDays=[1 21]
```

The third example is of a monthly/yearly schedule that meets these criteria for collecting support bundle data:

- The storage array name is firmware_2
- The collection start time is 22:00 (10:00 at night)
- The start date is 05:01:2013 (May 1, 2013)
- Data will be collected in March, April, May, June, and August
- Data will be collected on Friday of the first week of each month
- This schedule will end on 05:10:2014 (May 10, 2014)

```
SMcli -supportBundle schedule enable firmware_2 startTime=22:00
startDate=05:01:2013 endDate=05:10:2014 months=[March April May June
August]
weekNumber=First dayOfWeek=Friday
```

Minimum firmware level

7.83