

z/OSMF Labs: SDSF



estimated time to complete: 30-45 minutes

The screenshot shows the IBM z/OS Management Facility (z/OSMF) login interface. On the left, there is a sidebar with a "User ID" input field, a "Password or pass phrase" input field, and a "Log in" button. Below these are navigation links for "Welcome" and "Links", and a "Refresh" button. The main content area has a title bar "Welcome guest". Below it, a message says "Welcome to z/OSMF on AQFT". The central part of the screen displays the "Welcome to IBM z/OS Management Facility" page. It includes a brief description of z/OSMF's purpose, a "Log in to utilize and learn more about z/OSMF." link, and a "Check browser and operating system" link at the bottom. The IBM logo is visible in the top right corner of the main content area.

Abstract

z/OS Management Facility (z/OSMF) provides a web-based graphical interface for system programmers on z/OS. Attendees of this hands-on lab can try the z/OSMF SDSF task to see how it can help them monitor and control jobs and health checks. This session will be useful to systems programmers and their managers who will be using, or are considering using, z/OSMF.

The z/OSMF SDSF task was introduced in z/OSMF V2.1 with PTF UI15294.

Session objective

Gain experience with some basic function of z/OSMF SDSF

You will perform these tasks:

- 1.** SDSF Settings
- 2.** Select the SDSF task
- 3.** Set common filters
- 4.** View jobs
- 5.** Configure a table
- 6.** Switch views
- 7.** Edit and resubmit JCL
- 8.** Modify a property of a job
- 9.** View the User Session Log
- 10.** System command
- 11.** Purge a job's output
- 12.** Export a table
- 13.** Browse a health check

Session objectives

Hints and Tips

- You can get assistance by clicking the Help links – there is always one near the top on the right side
- The closer that you follow the instructions, the easier it will be to assist you if you go astray
- Please note: **Do NOT use the Browser BACK button to go to the prior screen!!!**
- What you see may not exactly match the handout, as the workload varies

Introduction to z/OSMF SDSF

You can use the SDSF task of z/OSMF to:

- See key summary information about your sysplex
- Work with objects such as jobs and checks for IBM z/OS Health Checker
- Issue system commands.

z/OSMF SDSF:

- Communicates with z/OS System Display and Search Facility (SDSF)
- Is protected by z/OS SDSF security (SAF and ISFPRMxx)
- Shows data for the sysplex, or the JESplex for views showing JES data.

Login to z/OSMF

1. Launch the Mozilla Firefox browser
 - If the browser asks to add an exception for the certificate, do so.
2. Point the browser to this URL:
<https://mvs1.centers.ihost.com/zosmf/>
 - Ignore and close the warning message
 - IZUG809W Unsupported Web browser version or level found...
3. Login with SHARE user ID and password provided by the lab instructor
 - Each workstation has been assigned a unique z/OS user ID
 - SHARAnn, or SHARBnn, or SHARCnn where nn is 01-30
 - Password to be provided

z/OSMF SDSF Settings

- 
- Before using the SDSF task the first time, you must specify SDSF settings
 - Under z/OSMF Settings

Task 1. SDSF Settings – Perform these steps

IBM z/OS Management Facility

Welcome bkeller

Welcome SDSF Settings SDSF

SDSF Settings

Environment Definition User Preferences Diagnostics

TSO logon settings:

* Logon procedure: share

Account number: shr

* Region size (kilobytes): 100000

User group: Select or type

JES settings:

JES designation: Force to JES2 subsystem

JES2 name: the JES2 subsystem from logon specific JES2 name:

JES3 name: the JES3 subsystem from logon specific JES3 name: JES3

Save Reset

1a. Expand z/OSMF Settings and select the SDSF Settings task

1b. Supply or verify the logon settings as shown.
Logon proc: share
Account: shr
Region: 100000

1c. Click Save. There is no confirmation message. Go on to the next page.

If you didn't change any values, just go on to the next page.

Task 1. SDSF Settings

IBM z/OS Management Facility Welcome bkeller

Welcome X SDSF Settings X SDSF X

SDSF Settings

Environment Definition User Preferences Diagnostics

TSO logon settings:

* Logon procedure: share

* Region size (kilobytes): 100000

Account number: shr

1d. Click the X to close the SDSF Settings tab

JES settings:

JES designation:

Force to JES2 subsystem

JES2 name:

Use the JES2 subsystem from logon

Specific JES2 name:

JES3 name:

Use the JES3 subsystem from logon

Use specific JES3 name: JES3

Save Reset

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Task 2. Select the SDSF Task

New task

Welcome shara02

Log out IBM

Welcome

Welcome to IBM z/OS Management Facility

About

IBM® z/OS® Management Facility (z/OSMF) provides a framework for managing various aspects of a z/OS system through a Web browser interface. By streamlining some traditional tasks and automating others, z/OSMF can help to simplify some areas of z/OS system management.

To learn more about z/OSMF, visit the links in the Learn More section.

To start managing your z/OS systems, select a task from the navigation area.

Learn More:

- What's New
- z/OSMF tasks at a glance
- Getting started with z/OSMF

2a. Expand Jobs and Resources, then select SDSF

Task 2. Select the SDSF Task

The screenshot shows the IBM z/OS Management Facility interface. On the left, a navigation tree includes Welcome, Notifications, Workflows, Configuration, Jobs and Resources (with SDSF selected), Links, Performance, Problem Determination, Software, z/OS Classic Interfaces, and z/OSMF Settings (with FTP Servers, SDSF Settings, and Systems listed). A Refresh button is also present. At the top right, it says "Welcome shara02". In the center, there are two tabs: "Welcome" and "SDSF". A callout box points from the text "A pop-up shows the progress of starting the SDSF task" to a progress dialog box. The progress dialog lists the following steps:

- Obtaining TSO logon info
- Obtaining TSO address space
- Starting SDSF
- Obtaining system information
- Obtaining user authorization
- Obtaining user customization**

Below the list, it says "Starting task".

A pop-up shows the progress of starting the SDSF task

- Obtaining TSO logon info
- Obtaining TSO address space
- Starting SDSF
- Obtaining system information
- Obtaining user authorization
- Obtaining user customization**

Starting task

Task 2. Select the SDSF Task

IBM z/OS Management Facility Welcome shara02 Log out IBM

Welcome Notifications Workflows Configuration Jobs and Resources SDSF Links Performance Problem Determination Software z/OS Classic Interfaces z/OSMF Settings FTP Servers SDSF Settings Systems Refresh

Welcome SDSF (SHARPLEX)

SDSF (SHARPLEX) Overview Common Filters TSO Messages ?

Explore the summary data, or choose a task.

System Activity Summary: S1 (Local)

System: S1 (Local) View text

System Activity Percent Busy

LPAR	26%
MVS/SRM	26%
Spool	1%

z/OS Health Checks by Exception

None	0
Low	16
Medium	16
High	2

Active jobs 0 Available slots 100

Refresh Last refresh: Less than 5 seconds ago

Jobs

- Active Jobs Work with active jobs
- All Jobs Work with jobs in any phase
- Input Queue Work with jobs on the input queue

2b. Click the control on the divider to let the SDSF task use the whole browser window

SDSF Overview Page - Introduction

IBM z/OS Management Facility Welcome shara02 Log out IBM.

Welcome SDSF (SHARPLEX)

SDFS (SHARPLEX)

Overview

Explore the summary data, or choose a task.

▼ System Activity Summary: S1 (Local)

System: S1 (Local)

System Activity Percent Busy

LPAR	27%
MVS/SRM	27%
Spool	1%

z/OS Health Checks by Exception

None	0
Low	16
Medium	16
High	2

List of views of jobs & checks plus a command line (scroll to see all)

Refresh Last refresh: More than 10 seconds ago

▼ Jobs

- Active Jobs
- All Jobs
- Input Queue
- Output Queue

Work with jobs in any phase of processing

Work with jobs on the input queue

Work with jobs on the output queue

Common Filters

TSO Messages

Messages 0 0 1 | Help

Summary information in graphical form

You will work with some of these sections later

Explore the Overview Page

The screenshot shows the IBM z/OS Management Facility Overview page. At the top, there are tabs for 'Welcome' and 'SDSF (SHARPLEX)'. The main title is 'SDSF (SHARPLEX)'.

Collapse and expand sections – click ▾ or ▶: A callout box points to the collapse/expand arrows next to section titles like 'System Activity Summary: S1 (Local)'.

Choose text or icon views.: A callout box points to the 'View text' and 'View icons' links in the 'z/OS Health Checks by Exception' section.

Scroll to see more...: A callout box points to the scrollable area containing 'Active Jobs', 'All Jobs', 'Input Queue', and 'Output Queue' sections.

System Activity Percent Busy: A chart showing activity levels for LPAR, MVS/SRM, and Spool.

z/OS Health Checks by Exception: A bar chart showing the count of checks for Low, Medium, and High levels.

Jobs: A section listing Active Jobs, All Jobs, Input Queue, and Output Queue.

Common Filters: A link in the top right corner.

TSO Messages: A link in the top right corner.

Messages: A status bar at the bottom left showing 0 errors, 0 warnings, 1 info message, and a help link.

Task 3. Set Common Filters



New task

For the lab, a set of jobs have been submitted to populate the SDSF views.

The jobs were submitted with user ID SHARA00.

To explore the SDSF function, you will periodically be asked to change filters between that user ID and the user ID you are using.

Task 3. Set Common Filters

IBM z/OS Management Facility Welcome shara02 Log out IBM

Welcome SDSF (SHARPLEX) TSO Messages

SDSF (SHARPLEX) Overview Common Filters ?

Explore the summary data, or click here to view the detailed report.

3a. Click the arrow ▶ to expand Common Filters

System Activity Summary: S1 (Local)

System: S1 (Local) View text

System Activity Percent Busy

LPAR	27%
MVS/SRM	27%
Spool	1%

z/OS Health Checks by Exception

None	0
Low	16
Medium	16
High	2

Active checks: 0 Eligible checks: 150

Last refresh: More than 10 seconds ago View icons

Jobs

Active Jobs	Work with active jobs
All Jobs	Work with jobs in any phase of processing
Input Queue	Work with jobs on the input queue
Output Queue	Work with jobs on the output queue

Task 3. Set Common Filters

IBM z/OS Management Facility Welcome shara02 Log out IBM

Welcome SDSF (SHARPLEX)

SDSF (SHARPLEX)

Overview

Explore the summary data, or choose a detailed view.

System Activity Summary: S1 (Local)

System Activity Performance

LPAR [Yellow Bar]

MVS/SRM [Yellow Bar] 27%

Spool [Purple Bar] 1%

Last refresh: More than 5 minutes ago

Common Filters

Job name: * Owner: SHARA00

More + View text

Z/OS Health Checks by Exception

Category	Value
High	2
Active checks	0
Eligible checks	150

Jobs

Active Jobs Work with active jobs

All Jobs Work with jobs in any phase of processing

Input Queue Work with jobs on the input queue

TSO Messages

View icons

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Task 3. Set Common Filters

IBM z/OS Management Facility Welcome shara02 Log out IBM.

Welcome SDSF (SHARPLEX) TSO Messages

SDSF (SHARPLEX)

Overview All Jobs Input Queue SAMPJOB (JOB24727) Held Output

Explore the summary data, or choose a task.

Syst

System Activity Percent Busy

LPAR	16
MVS/SRM	16
Spool	2%

None 0

z/OS Health Checks by Exception

None	0
Checks:	150

3d. Ensure that the values for System and Destination are *

3e. Click **Apply**. You might also want to click the arrow ▾ to collapse the section again. There is no confirmation for Apply. Go on to the next page.

Refresh Last refresh: More than 20 s View icons

Jobs

- Active Jobs Work with active jobs
- All Jobs Work with jobs in any phase of processing
- Input Queue Work with jobs on the input queue
- Output Queue Work with jobs on the output queue

Common Filters

Job name: * Owner: SHARA00 Apply Reset

System: * Destinations (1-4): *

Less -

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Task 4. View Jobs

IBM z/OS Management Facility Welcome shara02 Log out IBM.

New task

SDFS (SHAR)

Overview All Jobs

Explore the summary data, or choose a task.

System Activity Summary: S1 (Local)

System: S1 (Local) View text

System Activity Percent Busy

LPAR	25%
MVS/SRM	25%
Spool	2%

z/OS Health Checks by Exception

None	0
Low	16
Medium	16
High	2

Active checks: 1 Eligible checks: 150

Refresh Last refresh: More than 55 seconds ago

View icons

Jobs

Active Jobs

All Jobs

Input Queue

Work with jobs in any phase of processing

Work with jobs on the input queue

4a. Click All Jobs to see jobs in any phase

Task 4. View Jobs – Elements

IBM z/OS Management Facility Welcome shara02 Log out IBM.

SDSF (SHARPLEX)

Overview All Jobs

Work with jobs in any phase of processing.

Return Code Counts (14)

Summary information of jobs grouped by return code in graphical form

Messages 0 0 34 | Help

Common and table filters applied

View text

Abends JCL Error
CC12/CC16 CC4/CC8
CC0 Other

All Jobs

File Actions View Match:

JOBNAME	JobID	Users
HOLDJOB	JOB24708	SHARA21
HOLDJOB	JOB24719	SHARA00
COPY1234	JOB24699	SHARA21
COPY1234	JOB24709	SHARA00
BR14	JOB24718	SHARA00
COPY1234	JOB24720	SHARA00
CC08RUN	JOB24722	SHARA00
CC04RUN	JOB24721	SHARA00
SAMPJOB	JOB24727	SHARA00
CC09RUN	JOB24723	SHARA00

Total: 14, Selected: 0 < Page 1 of 1 > Rows 100

Properties of

Scrollable table of jobs

Collapsible list of properties of a job

- + General
 - JobCorrelator:
 - JobID:
 - JOBNAME:
 - Type:
- + Accounting
 - Acct:
 - End-Date:
 - Notify:
 - Programmer-Name:
 - Rd-Date:
 - RNum:
 - St-Date:
- + Advanced
 - ASys:
 - Cards:
 - Device:
 - ESys:
 - ExecNode:

Task 5. Configure a Table – Add Max-RC column

New task

Welcome shara02

Log out IBM.

TSO Messages

Common Filters

Work with jobs in any phase of processing.

Messages 0 0 34 | Help

Common and table filters applied

Return Code Counts (14)

View text

Abends JCL Error
CC12/CC16 CC4/CCB
CC0 Other

0% 10% 20% 100%

All Jobs

File Actions View Match: All Filters Type to filter properties Edit properties

JOBNAME OWNER PRTY

HOLDJOB HOLDJOB JOBNAME OWNER PRTY

COPY1234 COPY1234 JOB24719 SHARA00

BR14 BR14 JOB24718 SHARA00

COPY1234 COPY1234 JOB24720 SHARA00

CC08RUN CC08RUN JOB24722 SHARA00

CC04RUN CC04RUN JOB24721 SHARA00

SAMPJOB SAMPJOB JOB24727 SHARA00

CC09RUN CC09RUN JOB24723 SHARA00

Configure Columns... Filter Sort Refresh

Accounting

- Acct:
- End-Date:
- Notify:
- Programmer-Name:
- Rd-Date:
- RNum:
- St-Date:

Advanced

- ASys:
- Cards:
- Device:
- ESys:
- ExecNode:

Total: 14, Selected: 0 < Page 1 of 1 > Rows 100

5a. Click View to display a menu

5b. Click Configure Columns

Task 5. Configure a Table – Add Max-RC column

IBM z/OS Management Facility Welcome shara02 Log out IBM.

Welcome SDSF (SHARPLEX)

SDSF (SHARPLEX)

Overview All Jobs

Work with jobs in any phase of processing.

Return Code Counts (14)

Configure Columns

Available:

- Acct*
- ASys
- C
- Cards*
- DelayRsn
- Device
- Dly
- End-Date*

* This column is delayed

Add > Add All >> < Remove << Remove All

Selected:

- JobID
- Owner
- Ptry
- Queue

Up Down

Additional fixed columns: 0

OK Restore Defaults Cancel Help

5c. Scroll to find Max-RC

Total: 14, Selected: 0 Page 1 of 1 Rows 100

Last refresh: More than 1 minute ago

Properties

TSO Messages

View text

Abends CC12/CC16 CC4/CC8 Other

0 34 Help

table filters applied

edit properties

ACCT: End-Date: Notify: Programmer-Name: Rd-Date: RNum: St-Date:
Advanced ASys: Cards: Device: ESys: ExecNode:

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Task 5. Configure a Table – Add Max-RC column

IBM z/OS Management Facility Welcome shara02 Log out IBM

SDSF (SHARPLEX)

Overview All Jobs

Work with jobs in any phase of processing.

Return Code Counts (14)

Messages 0 0 0 34 | Help

Common and table filters applied

View text

Abends JCL Error
CC12/CC16 CC4/CC8
Other

Configure Columns

Available: JobID, Owner, Ppty, Queue

Selected: Max-RC

Add > Add All >> < Remove << Remove All

Additional fixed columns: 0

* This column is delayed

OK Restore Defaults Cancel Help

JOBNAME: JOB24718 SHARA1

JOBNAME: JOB24720 SHARA1

JOBNAME: JOB24722 SHARA1

JOBNAME: JOB24721 SHARA1

JOBNAME: JOB24727 SHARA1

JOBNAME: JOB24723 SHARA1

Total: 14, Selected: 0 < Page 1 of 1 > Rows 100

5d. Click Max-RC

5e. Click Add

Use this later if you change your mind!

Task 5. Configure a Table – Add Max-RC column

IBM z/OS Management Facility Welcome shara02 Log out IBM.

SDSF (SHARPLEX)

Overview All Jobs

Work with jobs in any phase of process

Return Code Counts (14)

5f. Click Up twice, to move Max-RC before Ptry

Configure Columns

Available:

- Acct*
- ASys
- C
- Cards*
- DelayRsn
- Device
- Dly
- End-Date*

Selected:

- JobID
- Owner
- Ptry
- Queue
- Max-RC

Up Down

* This column is delayed

OK Restore Defaults Cancel Help

5g. Click OK

JOB24718 SH
JOB24720 SH
JOB24722 SH
JOB24721 SH
JOB24727 SH
JOB24723 SHARA02

Total: 14, Selected: 0 Page 1 of 1 Rows 100

Common Filters TSO Messages

Messages 38 | Help

Common and table filters applied

View text

Abends JCL Error CC12/CC16 CC4/CCB Other

Properties edit properties

ACCT:
End-Date:
Notify:
Programmer-Name:
Rd-Date:
RNum:
St-Date:
Advanced
ASys:
Cards:
Device:
ESys:
ExecNode:

Task 5. Configure a Table – Sort

IBM z/OS Management Facility

Welcome shara02

Log out

Welcome SDSF (SHARPLEX)

TSO Messages

SDSF (SHARPLEX)

Common Filters

All Jobs

Work with jobs in any phase of processing.

Return Code Counts (14)

Common and table filters applied

View text

Abends CC12/CC16 CC4 CC8 CCO Other

Max-RC is now in the table

All Jobs

File Actions View Match: All Filters

JOBNAME	JOBID	Owner	Max-RC
HOLDJOB	JOB24708	SHARA00	
HOLDJOB	JOB24719	SHARA00	
COPY1234	JOB24799	SHARA00	CC 0000
COPY1234	JOB24709		
BR14	JOB24718		
COPY1234	JOB24720		
CC08RUN	JOB24722		
CC04RUN	JOB24721		
SAMPJOB	JOB24727		
CC09RUN	JOB24723		

5h. Click JOBNAME to sort using that column

Total: 14, Selected: 0 Page 1 of 1 Rows 100

Refresh Last refresh: More than 15 seconds ago

Task 5. Configure a Table – Sort

IBM z/OS Management Facility Welcome shara02 Log out IBM.

Welcome SDSF (SHARPLEX)

SDSF (SHARPLEX)

Overview All Jobs

Work with jobs in any phase of processing.

Return Code Counts (14) Common and table filters applied

Messages 0 0 0 47 | Help

View text

Job names are now sorted

JOBNAME	JobID	Owner	Max-RC
ABNDJOB	JOB24726	SHARA00	ABEND SD3:
BR14	JOB24718	SHARA00	CC 0000
CC04RUN	JOB24721	SHARA00	CC 0004
CC08RUN	JOB24722	SHARA00	CC 0008
CC09RUN	JOB24723	SHARA00	CC 0012
CC16RUN	JOB24724	SHARA00	CC 0016
CC2000	JOB24725	SHARA00	CC 2000
COPY1234	JOB24699	SHARA00	CC 0000
COPY1234	JOB24709	SHARA00	CC 0000
COPY1234	JOB24720	SHARA00	CC 0000

Total: 14, Selected: 0 < Page 1 of 1 > Rows 100

Refresh Last refresh: Less than 5 seconds ago

Properties of

Type to filter properties

Edit properties

General

- JobCorrelator:
- JobID:
- JOBNAME:
- Type:

Accounting

- Acct:
- End-Date:
- Notify:
- Programmer-Name:
- Rd-Date:
- RNum:
- St-Date:

Advanced

- ASys:
- Cards:
- Device:
- ESys:
- ExecNode:

Apply Cancel

Task 6. Switch to another view

New task

SDSF (SHARPLEX)

Welcome shara02 Log out IBM.

TSO Messages

Common Filters

Messages 0 0 47 | Help

Common and table filters applied

View text

Return Code Counts (14)

0% 60% 70% 80% 90% 100%

Abends JCL Error
CC12/CC16 CC4/CC8
CC0 Other

6a. Click the Overview tab

All Jobs

File ▾ Actions ▾

JOBNAME	JobID	Owner	Max-RC
ABNDJOB	JOB24726	SHARA00	ABEND SD3:
BR14	JOB24718	SHARA00	CC 0000
CC04RUN	JOB24721	SHARA00	CC 0004
CC08RUN	JOB24722	SHARA00	CC 0008
CC09RUN	JOB24723	SHARA00	CC 0012
CC16RUN	JOB24724	SHARA00	CC 0016
CC2000	JOB24725	SHARA00	CC 2000
COPY1234	JOB24699	SHARA00	CC 0000
COPY1234	JOB24709	SHARA00	CC 0000
COPY1234	JOB24720	SHARA00	CC 0000

Total: 14, Selected: 0 < Page 1 of 1 > Rows 100 ▾

Refresh Last refresh: More than 1 minute ago

Type to filter properties

Edit properties

Properties of

General

JobCorrelator:
JobID:
JOBNAME:
Type:

Accounting

Acct:
End-Date:
Notify:
Programmer-Name:
Rd-Date:
RNum:
St-Date:

Advanced

ASys:
Cards:
Device:
ESys:
ExecNode:

Apply Cancel

Task 6. Switch to another view

IBM z/OS Management Facility Welcome shara02 Log out IBM.

Welcome SDSF (SHARPLEX)

TSO Messages

SDSF (SHARPLEX) Common Filters ?

Overview All Jobs

Explore the summary data, or choose a task.

System Activity Summary: S1 (Local)

System: S1 (Local) View text

System Activity Percent Busy

LPAR	25%
MVS/SRM	25%
Spool	2%

z/OS Health Checks by Exception

None	0
Low	16
Medium	16
High	2

Active checks: 0 Eligible checks: 150

Refresh Last refresh: More than 5 seconds View icons

6b. Click Input Queue

Jobs

- Active Jobs
- All Jobs
- Input Queue

Work with active jobs
Work with jobs in any phase of processing
Work with jobs on the input queue

Task 6. Switch to another view

The screenshot shows the IBM z/OS Management Facility interface. At the top, there's a navigation bar with tabs: Welcome, SDSF (SHARPLEX), and Input Queue. A callout box points to the SDSF (SHARPLEX) tab with the text "Each view has its own tab". Below the tabs, the SDSF (SHARPLEX) view is active, displaying a message "Work with jobs on the input queue." and a section titled "Return Code Counts (2)". To the right, there's a TSO Messages panel showing 12 messages. The main area shows a large orange bar chart representing job return code counts across a 100% scale. Below the chart is a table with two rows, both labeled "HOLDJOB". A callout bubble points to this area with the text "The view includes a graphic summary, table, and properties." On the right side, there's a properties panel for a selected item, showing sections for General, Accounting, and Advanced, each with various fields like Correlator, JobID, and ASys.

Each view has its own tab

SDSF (SHARPLEX)

Work with jobs on the input queue.

Return Code Counts (2)

Messages 0 0 12 | Help

View text

Input Queue

File Actions View Match

JOBNAME	JobID
HOLDJOB	
HOLDJOB	

The view includes a graphic summary, table, and properties.

General

- Correlator:
- JobID:
- JOBNAME:
- Type:

Accounting

- Acct:
- Notify:
- Programmer-Name:
- Rd-Date:
- RNum:
- St-Date:

Advanced

- ASys:
- Cards:
- Device:
- ESys:
- ExecNode:
- TUser:

Welcome shara02

Log out IBM.

TSO Messages

Messages 0 0 12 | Help

View text

General

- Correlator:
- JobID:
- JOBNAME:
- Type:

Accounting

- Acct:
- Notify:
- Programmer-Name:
- Rd-Date:
- RNum:
- St-Date:

Advanced

- ASys:
- Cards:
- Device:
- ESys:
- ExecNode:
- TUser:

Task 7. Edit and resubmit JCL

New task

Management Facility

Welcome shara02

Log out

IBM.

SDSF (SHARA00)

LEX) x

All Jobs x Input Queue

Work with jobs on the input queue.

Return Code Counts (2)

Common Filters

TSO Messages

Messages 0 0 18 | Help

Common and table filters applied

View text

Other

For this exercise, start by returning to the All Jobs view

Properties of HOLDJOB

Properties are more current than table data.

Type to filter properties

Edit properties

General

- JobCorrelator:
- JobID: JOB24708
- JOBNAME: HOLDJOB
- Type: JOB

Accounting

- Acct: 1
- Notify:
- Programmer-Name: SHARE USER
- Rd-Date: Apr 9, 2014 2:03:21 PM
- RNum:
- St-Date: N/A

Advanced

- ASys:
- Cards:
- Device:
- ESys: 5

Input Queue

File Actions

JOBNAME

HOLDJOB

HOLDJOB

Prt

Prty

7a. Click the All Jobs tab

JOB24719 SHARA00

Task 7. Edit and resubmit JCL

IBM z/OS Management Facility Welcome shara02 Log out IBM.

SDSF (SHARPLEX) TSO Messages

Overview All Jobs Input Queue Common Filters

SDSF (SHARPLEX)

Work with jobs in any phase of processing.

Return Code Counts (14)

Messages 0 0 0 47 | Help

Common and table filters applied

View text

Abends JCL Error
CC12/CC16 CC4/CC8
CC0 Other

7b. Scroll the table to find the job we want to use, SAMPJOB

All Common Filters Properties of

Type to filter properties

Edit properties

General

JobCorrelator:
JobID:
JOBNAME:
Type:

Accounting

Acct:
End-Date:
Notify:
Programmer-Name:
Rd-Date:
RNum:
St-Date:

Advanced

ASys:
Cards:
Device:
ESys:
ExecNode:

JOBNAME	JobID	Owner	Max-RC
ABNDJOB	JOB24726	SHARA00	ABEND SD3
BR14	JOB24718	SHARA00	CC 0000
CC04RUN	JOB24721	SHARA00	CC 0004
CC08RUN	JOB24722	SHARA00	CC 0008
CC09RUN	JOB24723	SHARA00	CC 0012
CC16RUN	JOB24724	SHARA00	CC 0016
CC2000	JOB24725	SHARA00	CC 2000
COPY1234	JOB24699	SHARA00	CC 0000
COPY1234	JOB24709	SHARA00	CC 0000
COPY1234	JOB24720	SHARA00	CC 0000

Total: 14, Selected: 0 < Page 1 of 1 > Rows 100

Refresh Last refresh: More than 15 minutes ago

Task 7. Edit and resubmit JCL

IBM z/OS Management Facility Welcome shara02 Log out IBM.

SDSF (SHARPLEX) Common Filters TSO Messages

Overview All Jobs Input Queue Common and table filters applied

Work with jobs in any phase of processing. Messages 0 0 47 | Help

Return Code Counts (14)

View text

0% 10% 100%

Abends JCL Error
CC12/CC16 CC4/CC8
CC0 Other

All Jobs

File Actions View Match All filters Type to filter properties

JOBNAME	JobID	Owner	Max-RC
CC08RUN	JOB24722	SHARA00	CC 0008
CC09RUN	JOB24723	SHARA00	CC 0012
CC16RUN	JOB24724	SHARA00	CC 0016
CC2000	JOB24725	SHARA00	CC 2000
COPY123	JOB24699	SHARA00	CC 0000
COPY1234	JOB24709	SHARA00	CC 0000
COPY1234			CC 0000
HOLDJOB			
HOLDJOB			
SAMPJOB			
SHARA			

This job has a JCL error

Click on the Job Name to work with the job data sets

Total: 14, Selected: 0 < Page 1 of 1 > Rows 100

General

JobCorrelator:
JobID:
JOBNAME:
Type:

Accounting

Acct:
End-Date:
Notify:
Programmer-Name:
Rd-Date:
RNum:
St-Date:

Hover the mouse pointer on the job name for a tip

ISys:

Task 7. Edit and resubmit JCL

IBM z/OS Management Facility Welcome shara02 Log out IBM.

SDFS (SHARPLEX)

Tabs for job data sets, browse and edit JCL

SAMPJOB (JOB24727)

Job Data Sets Browse Selected Browse All Edit JCL

Job Data Sets

DDNAME	StepName	ProcStep	DSID
JESMSGLG	JES2		
JESJCL	JES2		
JESYSMSG	JES2		

Properties of

Type to filter properties Edit properties

General

- DDNAME:
- DSID:
- DSName:

Accounting

- Address-Line1:
- Address-Line2:
- Address-Line3:
- Address-Line4:
- Building:
- CrDate-CrTime:
- Department:
- Name:
- Room:
- Title:

Advanced

- AFPParms:
- Burst:
- Chars:
- ColorMap:
- ComSetup:
- CpyMod:
- CpyModFT:
- FCB:
- Flash:
- FlashC:
- FormLen:
- LRecL:
- Node:

Table of job data sets

Properties for a selected data set

Total: 3, Selected: 0 Page 1 of 1 Rows 100 < >

Refresh Last refresh: More than 5 seconds ago

Task 7. Edit and resubmit JCL

IBM z/OS Management Facility Welcome shara02 Log out IBM.

SDSF (SHARPLEX) TSO Messages

Overview All Jobs Input Queue SAMPJOB (JOB24727) Held Output Queue Active Jobs

SAMPJOB (JOB24727)

Messages 0 0 0 21 | Help

Job Data Sets Browse Selected **Browse All** Edit JCL

Job Data Sets

DDNAME	StepName	ProcStep	DSID
JESMSGGL	JES2		
JESJCL	JES2		
JESYSMSG	JES2		

Properties of

Type to filter properties Edit properties

General

- DDNAME:
- DSID:
- DSName:

Accounting

Department:
Name:
Room:
Title:

Advanced

- AFPParms:
- Burst:
- Chars:
- ColorMap:
- ComSetup:
- CpyMod:
- CpyModFT:
- FCB:
- Flash:
- FlashC:
- FormLen:
- LRecl:
- Node:

Total: 3, Selected: 0 < Page 1 of 1 > Rows 100

Refresh Last refresh: More than 1 hour ago

7d. Click the **Browse All tab to browse job data sets**

Task 7. Edit and resubmit JCL

IBM z/OS Management Facility

Welcome shara02

Log out



Welcome SDSF (SHARPLEX)

TSO Messages

SDSF (SHARPLEX)

Overview All

SAMPJOB (JOB24727)

Job Data Sets Bro

Browse All

Actions ▾

All of the job's data sets are shown in a scrollable, searchable window

Common Filters

Find field

Find

Find options

DSID: 2 Line: 1

```
J E S 2 J O B L O G -- S Y S T E M S 1 -- N O D E N 1
1
0
14.10.20 JOB24727 ---- WEDNESDAY, 09 APR 2014 ----
14.10.20 JOB24727 IR0101 USERID SHARA21 IS ASSIGNED TO THIS JOB.
14.10.20 JOB24727 IEFC452I SAMPJOB - JOB NOT RUN - JCL ERROR 403
0----- JES2 JOB STATISTICS -----
0      19 CARDS READ
0      30 SYSOUT PRINT RECORDS
0      0 SYSOUT PUNCH RECORDS
0      1 SYSOUT SPOOL KEYTES
0      0.00 MINUTES EXECUTION TIME
1 //SAMPJOB   JOB (1,'SHARE USER',
//           CLASS=A,MSGCLASS=H,MSGLEVEL=(1,1)
//+
//+ JCL ERROR
//+
2 //GENER EXEC PGM=IEBGENER
3 //SYSPRINT DD SYSOUT=*
//+
//+ THE FOLLOWING IS A JCL ERROR (DDD BE DD).
//+ USE THE EDITJCL FUNCTION TO CORRECT AND
//+ RESUBMIT THE JOB
//+
4 //SYSUT2 DDD SYSOUT=*
//+
5 //SYSUT1 DD +
6 //SYSIN  DD DUMMY
SNT NO. MESSAGE
4 IEFC605I UNIDENTIFIED OPERATION FIELD
```

JCL error

Lines: 29 Lines to move: 2000 Down Up Top Bottom DSID: 4 Line: 2

Refresh

Last refresh: More than 30 seconds ago

Task 7. Edit and resubmit JCL

IBM z/OS Management Facility Welcome shara02 Log out IBM.

SDSF (SHARPLEX)

SAMPJOB (JOB24727)

Common Filters TSO Messages

Overview All Jobs Input Queue SAMPJOB (JOB24727)

Messaged 0 0 0 16 | Help

Job Data Sets Browse Selected Browse All **Edit JCL**

Job Data Sets

File	Actions	View	Match:	All Filters
DDNAME	StepName	ProcStep	DSID	
JESMSGLG	JES2			
JESJCL	JES2			
JESYSMSG	JES2			

Properties of

Type to filter properties Edit properties

General

- DDNAME: JESMSGLG
- DSID: 00000000
- DSName: JESMSGLG

Advanced

- CrDate-CrTime: 2015-07-24 10:45:00
- Department: 00000000
- Name: JESMSGLG
- Room: 00000000
- Title: JESMSGLG
- AFPParms:
- Burst:
- Chars:
- ColorMap:
- ComSetup:
- CpyMod:
- CpyModFT:
- FCB:
- Flash:
- FlashC:
- FormLen:
- LRecL:
- Node:

7e. Click the **Edit JCL** tab

Total: 3, Selected: 0 < Page 1 of 1 > Rows 100

Refresh Last refresh: More than 1 minute ago

Task 7. Edit and resubmit JCL

IBM z/OS Management Facility Welcome shara02 Log out IBM.

Welcome SDSF (SHARPLEX)

SDSF (SHARPLEX)

Overview All Jobs Input Queue SAMPJOB (JOB24727)

SAMPJOB (JOB24727)

Job Data Sets Browse Selected Browse Al

Common Filters

TSO Messages

Messages 0 0 18 | Help ?

JCL for the Job, in an edit window

Find

00001 //SAMPJOB JOB (1), 'SHARE U
00002 // CLASS=A,MSGCLASS=H, L
00003 /*
00004 //** JCL ERROR
00005 /*
00006 //GENER EXEC PGM=IEBGENER
00007 //SYSPRINT DD SYSOUT=*
00008 /*
00009 //** THE FOLLOWING IS A JCL ERROR (DDD BE DD).
00010 //** USE THE EDITJCL FUNCTION TO CORRECT AND
00011 //** RESUBMIT THE JOB
00012 /*
00013 //SYSUT2 DDD SYSOUT=*
00014 /*
00015 //SYSUT1 DD *
00016 TEST DATA LINE 1
00017 TEST DATA LINE 2
00018 TEST DATA LINE 3
00019 //SYSIN DD DUMMY

7f. Change DDD to DD to correct the JCL error

7g. Click Submit

Submit Reset

Lines: 19 Cursor position: Row: 0, Col: 0

Task 7. Edit and resubmit JCL

IBM z/OS Management Facility Welcome shara02 Log out IBM.

SDSF (SHARPLEX) TSO Messages

Welcome SDSF (SHARPLEX)

SAMPJOB (JOB24727)

Job Data Sets Browse Selected Browse All Common Filters

Overview All Jobs Input Queue

TSO Messages - ASID: 0xBB

READY

jobname: SAMPJOB
jobid: JOB24734
status: INPUT
job-correlator: J0024734N1.....CCFB346D.....
class: A
type: JOB
owner: SHARA02
phase-name: Job is queued for conversion
subsystem: JES2
phase: 129
url: https://mvs1.centers.ihost.com:443/zosmf/restjobs/jobs/J0024734N1.....CCFB346D.....
files-url: https://mvs1.centers.ihost.com:443/zosmf/restjobs/jobs/J0024734N1.....CCFB346D.....

Close

7h. Click Close

0 0 18 | Help

00001 //SAMPJOB JOB (1
00002 // CLASS=A,MS
00003 /*
00004 /** JCL ERROR
00005 /*
00006 //GENER EXEC PGM
00007 //SYSPRINT DD SYSOUT
00008 /*
00009 /* THE FOLLOWING IS
00010 /* USE THE EDITJCL
00011 /* RESUBMIT THE JOB
00012 /*
00013 //SYSUT2 DD SYSOUT
00014 /*
00015 //SYSUT1 DD *
00016 TEST DATA LINE 1
00017 TEST DATA LINE 2
00018 TEST DATA LINE 3
00019 //SYSIN DD DUMMY

Lines: 19 Cursor position: Row: 13, Column: 1

Submit Reset

Task 7. Edit and resubmit JCL

IBM z/OS Management Facility Welcome shara02 Log out IBM.

Welcome SDSF (SHARPLEX)

SDSF (SHARPLEX)

All Jobs Input Queue SAMPJOB (JOB24727)

Common Filters

Overview All Jobs Input Queue SAMPJOB (JOB24727)

Job Data Sets Browse Selected Browse All Edit JCL

Messages 0 0 18 | Help

Edit JCL

```
-----1-----2-----3-----  
00001 //SAMPJOB JOB (1),'SHARE USER  
00002 // CLASS=A,MSGCLASS=H,MSGL  
00003 /*  
00004 /** JCL ERROR  
00005 /**  
00006 //GENER EXEC PGM=IEBGENER  
00007 //SYSPRINT DD SYSOUT=*  
00008 /*  
00009 /** THE FOLLOWING IS A JCL ERROR (DDD BE DD).  
00010 /** USE THE EDITJCL FUNCTION TO CORRECT AND  
00011 /** RESUBMIT THE JOB  
00012 /*  
00013 //SYSUT2 DD SYSOUT=*  
00014 /*  
00015 //SYSUT1 DD *  
00016 TEST DATA LINE 1  
00017 TEST DATA LINE 2  
00018 TEST DATA LINE 3  
00019 //SYSIN DD DUMMY
```

7i. Click the All Jobs tab (to see the job you just submitted)

Submit Reset

Lines: 19 Cursor position: Row: 13, Column: 13

Task 7. Edit and resubmit JCL

Because you submitted the job, you need to change the Owner filter to your ID. Note that your ID is on the title bar

TSO Messages

Common Filters

Job name: Owner: SHARA02 Apply Reset More +

View text

Abends CC12/CC16 CC0 CC4/CC8 Other

All Jobs

File Actions View

JOBNAM...

ABNDJOB
BR14
CC04RUN
CC08RUN
CC09RUN
CC16RUN
CC2000
COPY1234
COPY1234
COPY1234
HOLDJOB

JOBNAME: SHARA00
JOBNAME: SHARA00
JOBNAME: SHARA00

Properties of

Type to filter properties

General

JobCorrelator:
JobID:
JOBNAME:
Type:

Accounting

Acct:
End-Date:
Notify:
Programmer-Name:
Rd-Date:
RNum:
St-Date:

Advanced

ASys:
Cards:
Device:
ESys:
ExecNode:
TSys:

7i. Expand Common Filters, change Owner to your user ID, then click Apply

Total: 14, Selected: 0 < Page 1 of 1 > Rows 100

Task 7. Edit and resubmit JCL

The view is refreshed with jobs that you own

The screenshot shows the SDSF (SHARPLEX) interface within the IBM z/OS Management Facility. At the top, there's a navigation bar with tabs for 'Welcome', 'SDSF (SHARPLEX)', and 'Log out'. A large callout box points to the 'All Jobs' tab with the text 'The view is refreshed with jobs that you own'. Below the tabs, a message says 'Work with jobs in any phase of processing.' and a section titled 'Return Code Counts (7)' is shown. A horizontal bar chart at the bottom indicates job status distribution: 0% to 100% with segments for 'Abends' (red), 'CC0' (green), and 'Other' (orange). A legend on the right defines these colors. In the main pane, a table lists 'All Jobs' with columns for JOBNAME, Owner, and Max-RC. One row for 'SAMPJOB' is highlighted with a blue border. A callout box points to this row with the text 'Here's SAMPJOB'. Another callout box points to the 'CC0' segment of the bar chart with the text 'Better result!'. To the right of the table is a 'Common Filters' panel where 'Job name:' is set to '*' and 'Owner:' is set to 'SHARA02'. On the far right, there's a 'TSO Messages' panel and a properties editor for the selected 'SAMPJOB' entry.

JOBNAME	Owner	Max-RC
SAMPJOB	JOB24734	SHARA02
SHARA02	TSU24733	SHARA02
SHARA02	TSU05902	SHARA02
SHARA02	TSU24572	SHARA02
SHARA02	TSU24600	SHARA02
SHARA02	TSU24679	SHARA02
SHARA02	TSU24729	SHARA02

Common Filters

Job name: * Owner: SHARA02

View text

Abends CC0 Other

All Jobs

File Actions

General

JobCorrelator: JobID: JOBNAME: Type:

Accounting

Acct: End-Date: Notify: Programmer-Name: Rd-Date: RNum: St-Date:

Advanced

ASys: Cards: Device: ESys: ExecNode: ISys:

Type to filter properties

Edit properties

Total: 7, Selected: 0 < Page 1 of 1 > Rows 100

Task 8. Modify a property of a job

New task

SDSF (SHARA02)

Overview All Jobs Input Queue SAMPJOB (JOB24727)

Work with jobs in any phase of processing.

Return Code Counts (7)

8a. Go back to the Overview page. For this exercise, you're going to modify a property on a different view.

All Jobs

JOBNAME	JobID	Owner	Max-RC
SAMPJOB	JOB24734	SHARA02	CC 0000
SHARA02	TSU24733	SHARA02	CC 0000
SHARA02	TSU05902	SHARA02	CC 0000
SHARA02	TSU24572	SHARA02	ABEND S222
SHARA02	TSU24600	SHARA02	ABEND S222
SHARA02	TSU24679	SHARA02	ABEND S222
SHARA02	TSU24729	SHARA02	ABEND S222

Total: 7, Selected: 0 < Page 1 of 1 > Rows 100

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

View text

Properties of SAMPJOB

Type to filter properties

General

- JobCorrelator:
- JobID:
- JOBNAME: SAMPJOB
- Type:

Accounting

- Acct:
- End-Date:
- Notify:
- Programmer-Name:
- Rd-Date:
- RNum:
- St-Date:

Advanced

- ASys:
- Cards:
- Device:
- ESys:
- ExecNode:
- ISys:

TSO Messages

Task 8. Modify a property of a job

IBM z/OS Management Facility Welcome shara02 Log out IBM

Welcome SDSF (SHARPLEX)

SDSF (SHARPLEX)

Overview All Jobs Input Queue SAMPJOB (JOB24727)

Explore the summary data, or choose a task.

System Activity Summary: S1 (Local)

System: S1 (Local)

System Activity Percent Busy

Category	Percentage
LPAR	26%
MVS/SRM	25%
Spool	2%

z/OS Health Checks by Exception

Exception Level	Count
None	0
Low	16
Medium	16
High	2

Active checks: 0 Eligible checks: 150

Last refresh: Less than 5 seconds ago

Jobs

- Active Jobs
- All Jobs
- Input Queue
- Output Queue
- Held Output Queue

Work with active jobs

Work with jobs in any phase of processing

Work with jobs on the input queue

Work with jobs on the output queue

Work with jobs on the held output queue

8b. Click Held Output Queue

View icons

TSO Messages

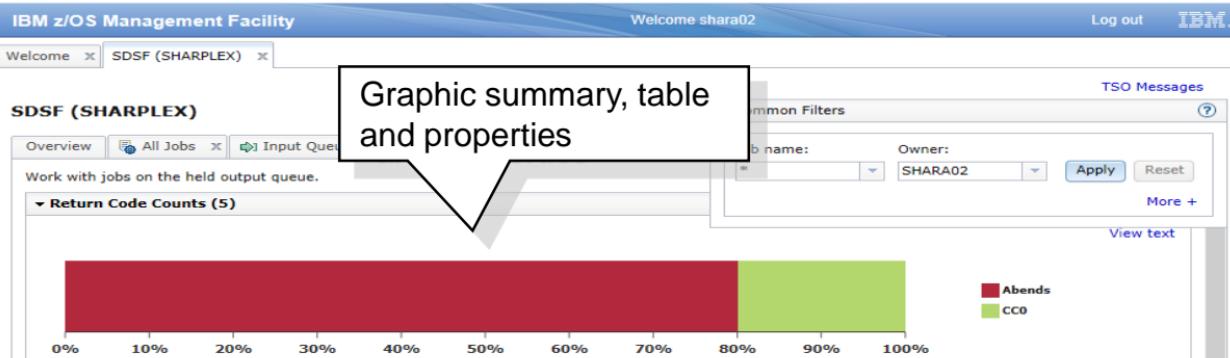
Common Filters

Job name: * Owner: SHARA02

Apply Reset More +

View text

Task 8. Modify a property of a job



The screenshot shows the Held Output Queue interface. On the left, a table lists jobs with columns for JobName, JobID, and Owner. One row for 'SAMPJOB' is selected. A tooltip says 'Click on the Job Name to work with the job data sets'. On the right, a properties panel shows fields for JobCorrelator, JobID, JOBNAME, ODisp, OGID1, OGID2, O-Grp-N, and Type. Under the 'Accounting' section, fields like Acct, CrDate, End-Date, MC, Notify, Programmer-Name, Rd-Date, RNum, and St-Date are listed. A 'More +' button is visible at the bottom right of the properties panel.

JOBNAME	JobID	Owner
SHARA02	TSU24572	
SHARA02	TSU24600	SHARA02
SHARA02	TSU24679	SHARA02
SHARA02	TSU24729	SHARA02
SAMPJOB	JOB24734	SHARA02

8c. Click the checkbox for SAMPJOB to select the job

Task 8. Modify a property of a job

IBM z/OS Management Facility Welcome shara02 Log out IBM.

SDSF (SHARPLEX)

Overview All Jobs Input Queue SAMPJOB (JOB24727) Held Output

Work with jobs on the held output queue.

Return Code Counts (5)

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

View text

Abends CCO

Held Output Queue

File Common Filters

Properties are in groups, which you can expand and collapse

Properties are more current

Type to filter properties

Edit properties

Total: 5, Selected: 1 Page 1 of 1 > Rows 100

You can collapse the whole properties section by clicking here

General

JobCorrelator:	JOB24734
JobID:	SAMPJOB
JOBNAME:	HOLD
ODisp:	1
OGID1:	1
OGID2:	1
O-Grp-N:	1
Type:	JOB

Accounting

Acct:	1
CrDate:	Apr 9, 2014 5:43:34 PM
End-Date:	Apr 9, 2014 5:43:34 PM
MC:	H
Notify:	
Programmer-Name:	SHARE USER
Rd-Date:	Apr 9, 2014 5:43:34 PM
RNum:	

Task 8. Modify a property of a job

IBM z/OS Management Facility Welcome shara02 Log out IBM.

SDSF (SHARPLEX) TSO Messages

Overview All Jobs Input Queue SAMPJOB (JOB24727) Held Output

Work with jobs on the held output queue.

▼ Return Code Counts (5)

Common Filters

Job name: * Owner: SHARA02 Apply Reset

More +

View text

Abends CCO

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

8d. Click Edit properties

File Actions View Match: All Filter

Held Output Queue

JOBNAME	JobID	Owner
SHARA02	TSU24572	SHARA02
SHARA02	TSU24600	SHARA02
SHARA02	TSU24679	SHARA02
SHARA02	TSU24729	SHARA02
SAMPJOB	JOB24734	SHARA02

Total: 5, Selected: 1 < Page 1 of 1 > Rows 100

DB

Type to filter properties

Edit properties

General

- JobCorrelator:
- JobID: JOB24734
- JOBNAME: SAMPJOB
- ODisp:
- OGID1: 1
- OGID2: 1
- O-Grp-N: 1
- Type: JOB

Accounting

- Acct: 1
- CrDate: Apr 9, 2014 5:43:34 PM
- End-Date: Apr 9, 2014 5:43:34 PM
- MC:
- Notify:
- Programmer-Name: SHARE USER
- Rd-Date: Apr 9, 2014 5:43:34 PM
- RNum:

Task 8. Modify a property of a job

IBM z/OS Management Facility Welcome shara02 Log out IBM.

SDSF (SHARPLEX) TSO Messages

Overview All Jobs Input Queue SAMPJOB (JOB24727) Held Output

Work with jobs on the held output queue.

Return Code Counts (5)

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

View text

Properties are now editable

Held Output Queue

File Actions View Match: Common Filters Edit Properties of SAMPJOB

JOBNAMe JobID

SHARA02	TSU24572
SHARA02	TSU24600
SHARA02	TSU24679
SHARA02	TSU24729
<input checked="" type="checkbox"/> SAMPJOB	JOB24734

SHARA02

8e. Scroll down to the Ppty property, or type Ppty in the Filter field at the top of the Properties section

more current than table data. Type to filter properties

Edit properties

SHARA02

OGID2: 1
O-Grp-N: 1
Type: JOB

Accounting

Acct:	1
CrDate:	Apr 9, 2014 5:43:34 PM
End-Date:	Apr 9, 2014 5:43:34 PM
MC:	H
Notify:	
Programmer-Name:	SHARE USER
Rd-Date:	Apr 9, 2014 5:43:34 PM
RNum:	

Total: 5, Selected: 1 < Page 1 of 1 > Rows 100

Task 8. Modify a property of a job

IBM z/OS Management Facility Welcome shara02 Log out IBM

SDSF (SHARPLEX)

Overview All Jobs Input Queue SAMPJOB (JOB24727) Held Output

Work with jobs on the held output queue.

▼ Return Code Counts (5)

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

View text

8f. Type a new value, 145, in the Prty field

Held Output Queue

Common Filters

Edit Properties of SAMPJOB

Properties are more current than table data.

Type to filter properties

Printing

Burst: NO
LOCAL
1

Scheduling

C: 0
JP: 60
Prty: H
145

Security

Owner: SHARA02
SecLabel:
SubGroup: SHARUSER

Status

File Actions View Match: All Filters

JOBNAME	JobID	Owner	Prty
SHARA02	TSU24572	SHARA02	
SHARA02	TSU24600	SHARA02	
SHARA02	TSU24679	SHARA02	
SHARA02	TSU24729	SHARA02	
<input checked="" type="checkbox"/> SAMPJOB	JOB24734	SHARA02	

Total: 5, Selected: 1 < Page 1 of 1 > Rows 100

Task 8. Modify a property of a job

IBM z/OS Management Facility Welcome shara02 Log out IBM.

SDSF (SHARPLEX)

Overview All Jobs Input Queue SAMPJOB (JOB24727) Held Output

TSO Messages

Common Filters

Job name: * Owner: SHARA02 Apply Reset

More +

Abends CC0

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

Held Output Queue

File Actions View

JOBNAME

JOBNAME	JobID	Owner
SHARA02	TSU24729	SHARA02
SHARA02	TSU24730	SHARA02
SHARA02	TSU24731	SHARA02
SAMPJOB	JOB24734	SHARA02

Total: 5, Selected: 1 Refresh Last refresh: More than 1 minute ago

Properties of SAMPJOB

Type to filter properties

First: NO
Last: LOCAL
Device:
Mode:
Unit:
JobID:
Tot-Page: 0
Tot-Rec: 60

Scheduling

C: H
JP: 1
Prty: 145

Security

Owner: SHARA02
SeLabel:
SubGroup:
SHARUSER

Status

Max-RC: CC 0000

8g. If the Apply button is not visible, scroll (using the outermost scroll bar)

8h. Click Apply

Apply Cancel

Task 8. Modify a property of a job

IBM z/OS Management Facility Welcome shara02 Log out IBM.

Welcome SDSF (SHARPLEX) SDSF (SHARPLEX)

TSO Messages

SDSF (SHARPLEX)

Overview All Jobs Input Queue SAMPJOB (JOB24727) Held Output

Work with jobs on the held output queue.

Return Code Counts (5)

Common Filters

Job name: Owner:
* SHARA02 Apply Reset More +

View text

Abends CCO

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

Held Output Properties of SAMPJOB

Pty value has changed

JOBNAME	PRTY	OWNER	COND
SHARA02	572	SHARA02	H
SHARA02	600	SHARA02	H
SHARA02	679	SHARA02	H
SHARA02	729	SHARA02	H
SAMPJOB	734	SHARA02	H

Total: 5, Selected: 1 < Page 1 of 1 > Rows 100

Properties of SAMPJOB

Type to filter properties

Burst: NO
Dest: LOCAL
Device:
Node:
Rmt:
SysID:
Tot-Page: 0
Tot-Rec: 60

Scheduling

C: H
JP: 1
Pty: 145

Security

Owner: SHARA02
SecLabel:
SubGroup: SHARUSER

Status

Max-RC: CC 0000

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Task 9. View the user session log

New task

Work with jobs on the held output queue.

▼ Return Code Counts (5)

View text

Held Output Queue

JOBNAME	JOBTIME	OWNER	RCNT	DISP
SHARA02	572	SHARA02	144	H
SHARA02	600	SHARA02	144	H
SHARA02	679	SHARA02	144	H
SHARA02	729	SHARA02	144	H
SAMPJOB	734	SHARA02	145	H

Total: 5, Selected: 1 < Page 1 of 1 > Rows 100

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

TSO Messages

9a. Return to the Overview page

More current than table data.

Type to filter properties

Burst: NO
Dest: LOCAL
Device:
Node:
Rmt:
SysID:
Tot-Page: 0
Tot-Rec: 60

Scheduling

C: H
JP: 1
Prty: 145

Security

Owner: SHARA02
SeLabel:
SubGroup: SHARUSER

Status

Max-RC: CC 0000

Task 9. View the user session log

IBM z/OS Management Facility Welcome shara02 Log out IBM.

SDSF (SHARPLEX)

Overview All Jobs Input Queue SAMPJOB (JOB24727) Held Output

System Activity Percent Busy

Category	Value
LPAR	25%
MVS/SRM	25%
Spool	2%

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

None Low Medium High

Priority	Count
High	2
Medium	16

Active checks: 0 Eligible checks: 150

Refresh Last refresh: More than 5 seconds ago View icons

▼ Jobs

- Active Jobs Work with active jobs
- All Jobs Work with jobs in any phase of processing
- Input Queue Work with jobs on the input queue
- Output Queue Work with jobs on the output queue
- Held Output Queue Work with jobs on the held output queue

▼ Health Checks

- z/OS Health Checks

▼ z/OS Commands and Logs

System command line: S1 (Local)
Type command here (Maximum 126 characters)
Help with command syntax...
[User Session Log](#)

9b. Click User Session Log.
(You may need to scroll to see the link.)

Display and search the User Session Log Submit

Task 9. View the user session log

IBM z/OS Management Facility

Welcome shara02

Log out



W Log for your session

S

Overview All Jobs Input Queue

User Session Log (SHARA02)

Actions ▾

S1	2014099	17:55:25.68	ISF024I CONSOLE SHARA02 ACTIVATED
S1	2014099	17:55:25.68	-\$TO(24734),OUTGRP=1.1.1,P=145
S1	2014099	17:55:25.68	JOB24734 \$HASP686 OUTPUI(SAMPJOB) \$HASP686 OUTPUI(SAMPJOB) OUTGRP=1.1.1,BURST=NO,FCB=****, FLASH=****,FORMS=STD,HOLD=(NONE), OUTDISP=HOLD,PRIORITY=145, PRMODE=LINE,QUEUE=H, RECORDS=(60 OF 60),ROUTEEND=LOCAL, SCLABEL=,TPOBID=,TJOBNN=, TSQAVAIL=YES,UCS=****,USERID=SHARA02, WRITER=

Common Filters

▼ TSO Messages

Apply Reset More +

Line: 1

Lines to move: 2000 Down Up Top Bottom

Line: 11

z/OS System Commands

*System command line: S1 (Local)

Select or type (maximum 126 characters)

Submit

Help with command syntax...

Task 10. System command

New task

User Session Log (SHARA02)

Actions ▾

This page includes a command line for system commands. (So does the Overview page.)

CONSOLE SHARA02 ACTIVATED
34),OUTGRP=1.1.1,P=145
OUTPU1(SAMPJOB)
OUTPU1(SAMPJOB)

OUTGRP=1.1.1,BURST=NO,FCB=====,
FLASH=====,FORMS=STD,HOLD=(NONE),
OUTDISP=HOLD,PRIORITY=145,
PRMODE=LINE,QUEUE=H,
RECORDS=(60 OF 60),ROUTECD=LOCAL,
SECLABEL=,TPJOBID=,TPJOBN=,
TSOAVAIL=YES,UCS=====,USERID=SHARA02,
WRITER=

10a. Type d a

10b. If a list of commands appears beneath the command line, click the entry for d a

z/OS System Commands

*System command line: S1 (Local)

d a

Submit

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Task 10. System command

IBM z/OS Management Facility Welcome shara02 Log out IBM.

SDSF (SHARPLEX) TSO Messages

Welcome SDSF (SHARPLEX) Overview All Jobs Input Queue SAMPJOB (JOB24727) Held Output

User Session Log (SHARA02)

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

Find Line: 1

Actions ▾

S1	2014099	17:55:25.68	ISF031I CONSOLE SHARA02 ACTIVATED
S1	2014099	17:55:25.68	-#TOJ(24734),OUTGRP=1.1.1,P=146
S1	2014099	17:55:25.68	JOB24734 \$HASP696 OUTPUT (SAMPJOB) \$HASP696 OUTPUT (SAMPJOB) OUTGRP=1.1.1,BURST=NO,FCB=====, \$HASP696 FLASH=***,FORMS=STD,HOLD=(NONE), \$HASP696 OUTDISP=HOLD,PRIORITY=145, \$HASP696 PMODE=LINE,QUEUE=H, \$HASP696 RECORDS=(60 OF 60),ROUTECD=LOCAL, \$HASP696 SEQID=TPJOBID,TBJOBN= \$HASP696 TSOAVAIL=YES,UCS====,USERID=SHARA02, \$HASP696 WRITER=

10c. Click the Help with command syntax link

Lines to move: 2000 Down Up Top Bottom Line: 11

z/OS System Commands

*System Command line: S1 (Local)

d a

Help with command syntax...

Help with command syntax...

Task 10. System command

The help opens in a new browser window. You may need to bring it to the top.

Help - IBM z/OSMF Management Facility

Enter search terms All content Select language

Jobs and Resources > SDSF > Issuing system commands > Using Help with command syntax

Help with command syntax

Command: d a

Help with command syntax found the following topics. Click the link for a command or book.

Command	Topic	Book
DISPLAY A	Displaying system activity	z/OS MVS System Commands
DISPLAY ALLOC.GRPLOCKS	Displaying allocation locks	
DISPLAY LOC.IGDINFO	Displaying IGD information	
DISPLAY C.OPTIONS	Displaying command options	
DISPLAY APPC	Displaying APPC information	
DISPLAY ASCH	Displaying ASCH information	
DISPLAY ASM	Displaying ASM information	
DISPLAY AUTOLOG	DISPLAY AUTOLOG command	z/OS Communications Server SNA Operation
DISPLAY AUTOR	Displaying auto-reply policy and WTORs information	z/OS MVS System Commands
DISPLAY AXR	Displaying REXXLIB data	z/OS MVS System Commands
DEVSERV parameter	Syntax	z/OS MVS System Commands
DUMP parameter	DUMP command	z/OS MVS System Commands

List of topics to help you complete the command that you typed. Clicking any link under **Command** shows the syntax diagram.

Task 11. Purge a job's output

Task 11. Purge a job's output

IBM z/OS Management Facility Welcome shara02 Log out IBM

SDSF (SHARPLEX)

Overview All Jobs Input Queue SAMPJOB (JOB24727) Held Output

Work with jobs on the held output queue.

▼ Return Code Counts (5) View text

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

Abends CCO

0% 10% 20%

11b. Click **Actions**. You may see a list of recently used actions (**Purge Output**, here) or just **More Actions...**

Held Output Queue

File Actions View Match:

JO **Purge Output**

More Actions...

<input type="checkbox"/>	SHARA02	573	SHARA02	144	H	Dest: LOCAL
<input type="checkbox"/>	SHARA02	600	SHARA02	144	H	Device:
<input type="checkbox"/>	SHARA02	679	SHARA02	144	H	Node: 1
<input type="checkbox"/>	SHARA02	729	SHARA02	144	H	Rmt:
<input checked="" type="checkbox"/>	SAMPJOB	734	SHARA02	145	H	SysID:

11c. Click **More Actions...**

Scheduling

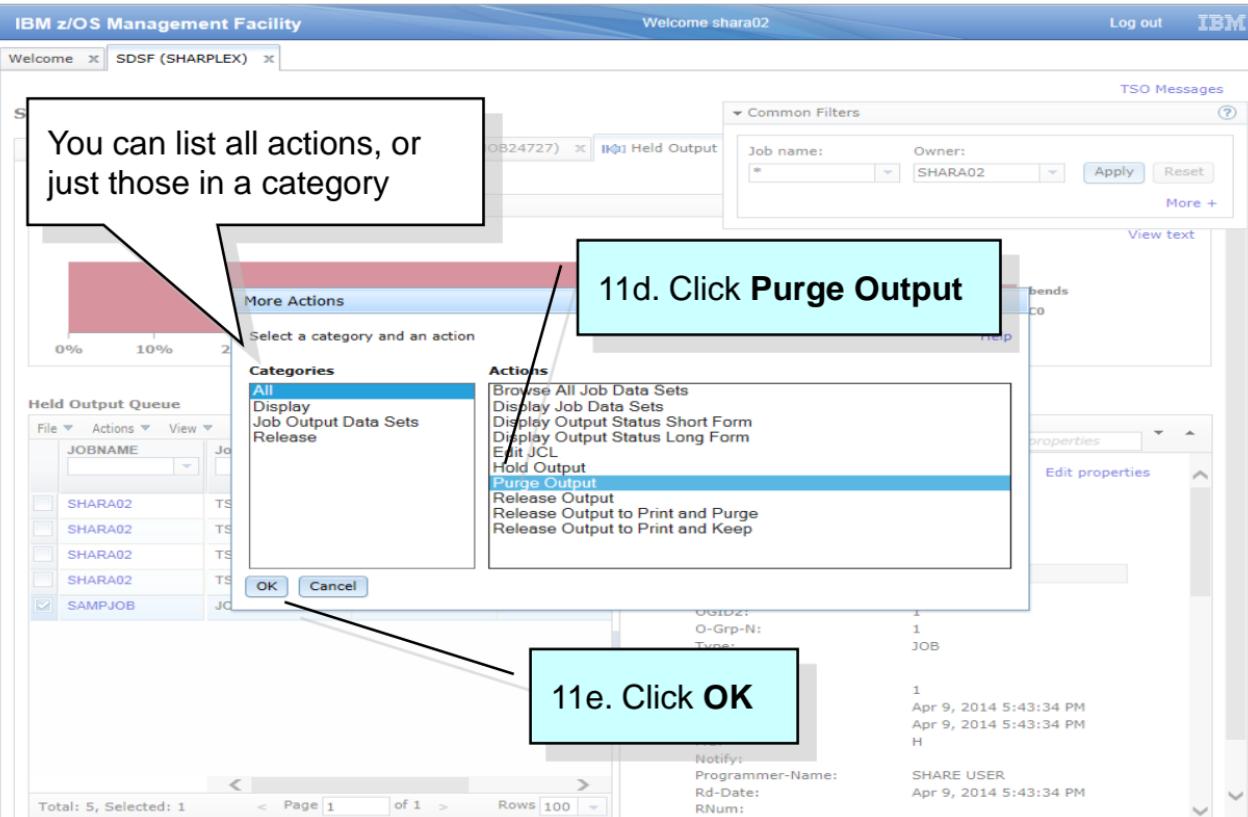
SecLabel: SubGroup: SHARUSER

Status

Max-RC: CC 0000

Total: 5, Selected: 1 < Page 1 of 1 > Rows 100

Task 11. Purge a job's output



Task 11. Purge a job's output

IBM z/OS Management Facility Welcome shara02 Log out IBM.

SDSF (SHARPLEX) TSO Messages

Overview All Jobs Input Queue SAMPJOB (JOB24727) Held Output

Work with jobs on the held output queue.

▼ Return Code Counts (5)

View text

Common Filters

Job name: SHARA02 Owner: SHARA02 Apply Reset

More +

Abends CCO

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

Held Output Queue

File Actions View Match:

JOBNAME	JobID
SHARA02	TSU24572
SHARA02	TSU24600
SHARA02	TSU24679
SHARA02	TSU24729
SAMPJOB	JOB24734

Confirm Action

You are about to perform action Purge Output. Do you want to continue?

OK Cancel

JobCorrelator: JobID: JOBNAMe: ODisp: OGID1: OGID2:

SHARA02 JOB24734 SAMPJOB HOLD 1 1

End-Date: Apr 9, 2014 5:43:34 PM

MC: H

Notify:

Programmer-Name: SHARE USER

Rd-Date: Apr 9, 2014 5:43:34 PM

RNum:

Total: 5, Selected: 1 < Page 1 of 1 > Rows 100

11f. Click OK to confirm

Task 11. Purge a job's output

IBM z/OS Management Facility Welcome shara02 Log out IBM

SDSF (SHARPLEX)

Overview All Jobs Input Queue SAMPJOB (JOB24727) Held Output

Work with jobs on the held output queue.

▼ Return Code Counts (4)

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

View text

Abends

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

Held Output Queue

File Actions View Match: All Filters

JOBNAME	JobID	Owner	Prt
SHARA02	TSU24572	SHARA02	
SHARA02	TSU24600	SHARA02	
SHARA02	TSU24679	SHARA02	
SHARA02	TSU24729	SHARA02	

SAMPJOB has been purged

Properties of

Type to filter properties

General

JobCorrelator:
JobID:
JOBNAME:
ODisp:
OGID1:
OGID2:
O-Grp-N:
Type:

Programmer-Name:
Rd-Date:
RNum:
St-Date:

Advanced

Task 12. Export a table

New task

Welcome shara02

Log out IBM

TSO Messages

Work with jobs on the held output queue.

Return Code Counts (4)

12a. Click Overview

Held Output Queue Properties of

Total: 4, Selected: 0 < Page 1 of 1 > Rows 100

For this exercise, we'll use a different table, but you can export any table

The screenshot shows the IBM Management Facility interface. A large orange callout bubble points to the 'New task' button at the top left. Another callout bubble on the right contains the text: 'For this exercise, we'll use a different table, but you can export any table'. In the center, a blue box highlights the 'Overview' link in the navigation bar. Below it, a table titled 'Held Output Queue' lists four entries. To the right of the table is a 'Properties of' panel showing various job-related properties like JobCorrelator, JobID, and JOBNAME. The bottom of the screen shows pagination controls and row selection information.

JOBNAME	JobID	Owner	Ptry
SHARA02	TSU24572	SHARA02	
SHARA02	TSU24600	SHARA02	
SHARA02	TSU24679	SHARA02	
SHARA02	TSU24729	SHARA02	

Properties of

- General**
 - JobCorrelator:
 - JobID:
 - JOBNAME:
 - ODisp:
 - OGID1:
 - OGID2:
 - O-Grp-N:
 - Type:
- Accounting**
 - Acct:
 - CrDate:
 - End-Date:
 - MC:
 - Notify:
 - Programmer-Name:
 - Rd-Date:
 - RNum:
 - St-Date:
- Advanced**

Task 12. Export a table

IBM z/OS Management Facility Welcome shara02 Log out IBM.

SDSF (SHARPLEX)

Overview All Jobs Input Queue SAMPJOB (JOB24727) Held Output

System Activity Percent Busy

LPAR 25%
MVS/SRM 25%
Spool 2%

Common Filters

Job name: * Owner: SHARA02 Apply Reset
None Low Medium High
Medium 16
High 2

More +

Last refresh: More than

Active checks: 0 Eligible checks: 150

Refresh View icons

▼ Jobs

Active Jobs Work with active jobs
All Jobs Work with jobs in any phase of processing
Input Queue Work with jobs on the input queue
Output Queue Work with jobs on the output queue
Held Output Queue Work with jobs on the held output queue

▼ Health Checks

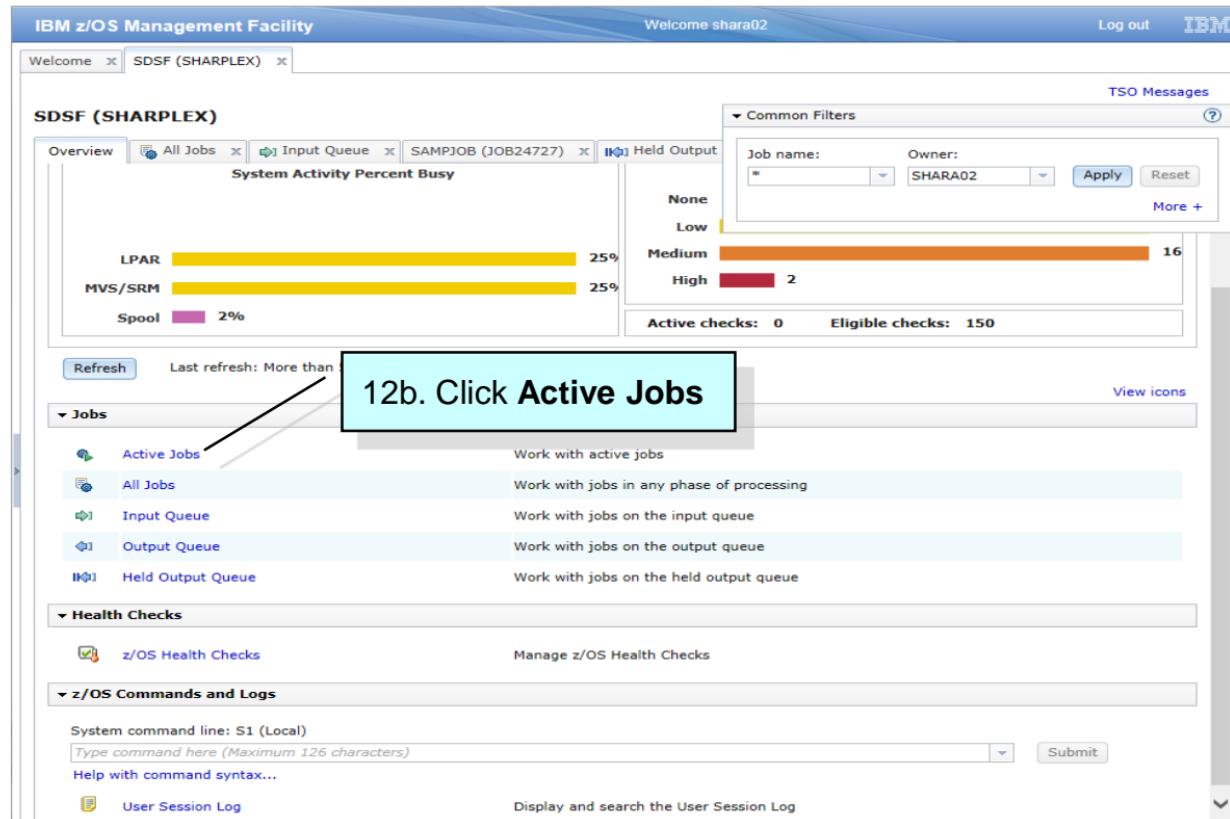
z/OS Health Checks Manage z/OS Health Checks

▼ z/OS Commands and Logs

System command line: S1 (Local)
Type command here (Maximum 126 characters)

Help with command syntax... Submit

User Session Log Display and search the User Session Log



Task 12. Export a table

The Active Jobs view includes a graphic summary, table and properties

12c. Change the Owner to * and click Apply (to get more table data)

Common Filters

Job name: * Owner: SHARA02

System Activity Percent Busy

System	Percent Busy
LPAR	26%
MVS/SRM	25%

Demand Paging Rate: 0

Top CPU Percentages

CPU	Percentage
SHARA02	0.22%

Properties of SHARA02

Type to filter properties

General

- ASID:
- ASIDX:
- JobCorrelator:
- JobID:
- JOBNAME:
- ProcStep:
- StepName:
- SysName:
- Type:

Advanced

- MemLimit:
- Pos:
- Quiesce:
- Server:

Task 12. Export a table

IBM z/OS Management Facility Welcome shara02 Log out IBM.

SDSF (SHARPLEX)

Overview All Jobs Input Queue SAMPJOB (JOB24727) Held Output

Work with active jobs.

Active Jobs Statistics

System: S1 (Local)

Table now has all active jobs

System Activity Percent Busy

Top CPU Percentages

DBS9DIST: 24.53%
SHARA02: 0.24%
RMF: 0.24%

Active Jobs

File Actions View Match: All

Export Current View Export All Data

StepName

MASTER
PCAUTH
RASP
TRACE
DUMPSRV
XCFAS
GRS
SMSPDSE
SMSPDSE1

12d. Click File, and expand to see Export All Data

12e. Click Export All Data

Type to filter properties

Edit properties

JobID:
JobCorrelator:
JobID:
JOBNAME:
ProcStep:
ProcStep:
Name:
Name:
t:
nced
Limit:
Pos:
Quiesce:
Server:

Task 12. Export a table

You can save the comma-separated variable (CSV) file or open it with spreadsheet software

Opening Table_Data_2424392680120317822.csv

You have chosen to open:
Table_Data_2424392680120317822.csv
which is: Microsoft Office Excel Comma Separated Values File
from: https://9.56.96.120

What should Firefox do with this file?

Open with Microsoft Office Excel (default)
 Save File
 Do this automatically for files like this from now on.

OK Cancel

Properties of DBS9DIS

General ASID: ASIDX: JobCorrelat: JobID: JOBNNAME: ProcStep: StepName: SysName: Type:
Advanced MemLimit: Pos: Quiesce: Server:

12f. Your workstation for this lab may not have Excel or other spreadsheet software, but the next page in the presentation shows an example. This lab also shows an example of a file opened with Notepad. If you're comfortable doing so and want to see your file, you can click **Save File**, use the resulting dialog to save the file, and then open it with the program of your choice.

Otherwise, click **Cancel** and go on to the next page.

Task 12. Export a table - Example

Here is an example of a file opened in Excel

A	B	C	D	E	F	G	H	I	J	K	L
1	JOBNAME	StepName	ProcStep	JobID	Owner	C	Pos	DP	Real	Paging	SIO
2	*MASTER*			STC24397	+MASTER+			255	4124	0	0
3	PCAUTH	PCAUTH				NS		254	177	0	0
4	RASP	RASP				NS		255	305	0	0
5	TRACE	TRACE				NS		244	1155	0	0
6	DUMPSRV	DUMPSRV	DUMPSRV			NS		255	542	0	0
7	XCFAS	XCFAS	IEFPROC			NS		255	8655	0	20
8	GRS	GRS				NS		255	3514	0	0
9	SMSPDSE	SMSPDSE				NS		255	2610	0	0
10	CONSOLE	CONSOLE				NS		255	4311	0	0
11	WLM	WLM	IEFPROC			NS		255	28052	0	0
12	ANTMAIN	ANTMAIN	IEFPROC			NS		255	1398	0	0
13	ANTAS00	(ANTAS00)	IEFPROC			NS		254	1276	0	0
14	DEVMAN	DEVMAN	IEFPROC			NS		255	473	0	0
15	VMCF	VMCF	IEFPROC			NS		254	242	0	0
16	OMVS	OMVS	OMVS			NS		255	21824	0	0
17	HZSPROC	HZSPROC	HZSTEP	STC24420	STCUSR	NS		193	4509	0	0
18	IEFSCHA	IEFSCHAS				NS		255	81	0	0
19	JESXCF	JESXCF	IEFPROC			NS		254	688	0	0
20	ALLOCAS	ALLOCAS				NS		255	1809	0	0
21	SMS	SMS	IEFPROC			NS		254	573	0	0
22	IOSAS	IOSAS	IEFPROC			NS		255	1127	0	0
23	IXGLOGR	IXGLOGR	IEFPROC			NS		255	2800	0	0
24	AXR	AXR	IEFPROC			NS		254	520	0	0
25	CEA	CEA	IEFPROC			NS		255	3151	0	0
26	DESCOLVE	DESCOLVE	IEFPROC			NS		254	705	0	0

Task 12. Export a table - Example

Table_Data_1130072726128896

File Edit Format View Help

Here is an example of a file opened in Notepad

```
JOBNAME,StepName,ProcStep,StepID,Owner,C,Pos,DP,Real,Paging,SIO,CPU%,ASID,ASIDX,EXCP-Cnt,ECPU-Time,SR,Status,SysName,SPag,SCPU%,Workload,SrvClass,SP,ResGroup,Server,Quiesce,ECPU-Time,ECPU%,CPUCrit,StorCrit,RptClass,MemLimit,Tran-Act,Tran-Res,Spin,SecLabel,GCP-Time,ZAAP-Time,zACP-Time,GCP-Use%,zAAP-Use%,SzAAP%,SzIIP%,Promoted,Type,ZAAP-NTime,ZIIP-Time,ZICP-Time,ZIIP-NTime,ZIIP-Use%,SLCPU%,IOPrioGrp,JobCorrelator*MASTER*,,,STC24397,+MASTER+,,NS,255,5876,0,0,0,1,1,1210808,106.23,,,S1,0,25,SYSTEM,SYSTEM,1,,NO,,106.23,0,NO,NO,,16383PB,218:19:46.49,218:19:46.49,NO,SYSHIGH,80.08,0,0,0,0,0,NO,STC,0,0,0,0,0,25,NORMAL,PCAUTH,PCAUTH,,,,NS,254,177,0,0,0,2,2,23,0,,,S1,0,25,SYSTEM,SYSTC,1,,NO,,0,0,NO,NO,,,218:19:48.01,218:19:48.01,,,0,0,0,0,0,0,0,NO,STC,0,0,0,0,0,25,NORMAL,RASP,RASP,,,,NS,255,303,0,0,0,3,3,2,3.38,,,S1,0,25,SYSTEM,SYSTEM,1,,NO,,3.38,0,NO,NO,,,218:19:48.01,218:19:48.01,,,0,0,0,0,0,0,0,NO,STC,0,0,0,0,0,25,NORMAL,TRACE,TRACE,,,,NS,244,1155,0,0,0,4,4,46,0,,,S1,0,25,STC,STCMD,1,,NO,,0,0,NO,NO,,72GB,218:19:48.01,218:19:48.01,,,0,0,0,0,0,0,0,NO,STC,0,0,0,0,0,25,NORMAL,DUMPSRV,DUMPSRV,DUMPSRV,,,,NS,255,542,0,0,0,5,5,4954,0.05,,,S1,0,25,SYSTEM,SYSTEM,1,,NO,,0.05,0,NO,NO,,16383PB,218:19:35.37,218:19:35.37,,,0.03,0,0,0,0,0,NO,STC,0,0,0,0,0,25,NORMAL,XCFAS,XCFAS,IEFPROC,,,,NS,255,8653,0,20,0,6,6,1554169,540.84,,,S1,0,25,SYSTEM,SYSTEM,1,,NO,,540.84,0,NO,NO,,16383PB,218:19:35.36
```

Task 13. Browse a health check

New task

Work with jobs on the held output queue.

▼ Return Code Counts (4)

0% 10% 20% 30% 40% 50% 60% 70% 80% 90% 100%

View text

▼ Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

13a. Click Overview to return to the Overview page

File Actions View Match: A Type to filter properties Edit properties

Queued Output Queue

JOBNAME	JobID	Owner
SHARA02	TSU24572	SHARA02
SHARA02	TSU24600	SHARA02
SHARA02	TSU24679	SHARA02
SHARA02	TSU24729	SHARA02

Total: 4, Selected: 0 < Page 1 of 1 > Rows 100

JobCorrelator:
JobID:
JOBNAME:
ODisp:
OGID1:
OGID2:
O-Grp-N:
Type:

Accounting

Acct:
CrDate:
End-Date:
MC:
Notify:
Programmer-Name:
Rd-Date:
RNum:
St-Date:

Advanced

Task 13. Browse a health check

IBM z/OS Management Facility Welcome shara02 Log out IBM.

Welcome SDSF (SHARPLEX)

SDSF (SHARPLEX)

Overview All Jobs Input Queue SAMPJOB (JOB24727) Held Output

Explore the summary data, or choose a task.

System Activity Summary: S1 (Local)

System: S1 (Local)

System Activity Percent Busy

LPAR	25%
MVS/SRM	100%
Spool	2%

Last refresh: Less than 5 seconds ago

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

z/OS Health Checks by Exception

None	0
Low	16
Medium	16

Eligible checks: 150

View text View icons

Jobs

- Active Jobs Work with active jobs
- All Jobs Work with jobs in any phase of processing
- Input Queue Work with jobs on the input queue
- Output Queue Work with jobs on the output queue
- Held Output Queue Work with jobs on the held output queue

Health Checks

- z/OS Health Checks Manage z/OS Health Checks

z/OS Commands and Logs

TSO Messages

13b. Click z/OS Health Checks

Task 13. Browse a health check

IBM z/OS Management Facility Welcome shara02 Log out IBM.

Welcome SDSF (SHARPLEX)

SDSF (SHARPLEX) Common Filters

Overview All Jobs Input Queue SAMPJOB (JOB24727) Held Output Queue User Session Log Health Checks TSO Messages

Manage z/OS Health Checks.

z/OS Health Checks Statistics Messages 0 0 12 | Help

System: S1 (Local) Common and table filters applied View text

z/OS Health Checks

Success: 118 Exception: 0 Critical: 14 Warning: 16 Error: 2

Running checks: 0

Like the others, this view includes a graphic summary, table and properties

Health Checks Type to filter properties

File Actions View

NAME	Category
ALLOC_ALLC_OFFLN_POLICY	IBMALLOC
ALLOC_SPEC_WAIT_POLICY	IBMASM
ALLOC_TOT_SIZE	IBMASM
ASM_LOCAL_SLOT_USAGE	IBMASM
ASM_NUMBER_LOCAL_DATASETS	IBMASM
ASM_PAGE_ADD	IBMASM
ASM_PLPA_COMMON_SIZE	IBMASM
ASM_PLPA_COMMON_USAGE	IBMCATALOG
CATALOG_IMBED_REPLICATE	IBMCATALOG

General

- CheckOwner:
- Global:
- GlobalSys:
- NAME:
- Reason:
- SevCode:
- SysLevel:
- SysName:
- WTOType:

Advanced

- Category:
- Category10:
- Category11:
- Category12:

Edit properties

The screenshot shows the IBM z/OS Management Facility interface for browsing z/OS Health Checks. At the top, there's a navigation bar with tabs like Overview, All Jobs, Input Queue, SAMPJOB (JOB24727), Held Output Queue, User Session Log, and Health Checks. Below this is a main title 'SDSF (SHARPLEX)' and a sub-section 'z/OS Health Checks Statistics'. A bar chart displays the count of health checks in various states: Success (118), Exception (0), Critical (14), Warning (16), and Error (2). Below the chart, it says 'Running checks: 0'. To the right of the chart is a 'z/OS Health Checks' section with a table showing detailed information for each check, such as NAME, Category, and properties like CheckOwner and Global. A large thought bubble is overlaid on the central part of the screen, containing the text 'Like the others, this view includes a graphic summary, table and properties'.

Task 13. Browse a health check

IBM z/OS Management Facility Welcome shara02 Log out IBM

Welcome SDSF (SHARPLEX) TSO Messages

SDSF (SHARPLEX) Common Filters

Input Queue SDSF (SHARPLEX) Held Output Queue User Session Log Health Checks ALLOC_ALLC_OFFLN_POLICY

Manage z/OS Health Checks.

z/OS Health Checks Statistics

System: S1 (Local) View text

z/OS Health Checks

Success: 118 Exception None: 0 Exception Low: 14 Exception Medium: 16 Exception High: 2

Running checks: 0 Inactive checks: 12

Health Checks

File Actions

NAME	CheckOwner
<input checked="" type="checkbox"/> ALLOC_ALLC_OFFLN_POLICY	IBMALLOC
<input type="checkbox"/> ALLOC_SPEC_WAIT_POLICY	IBMALLOC
<input type="checkbox"/> ALLOC_TIOT_SIZE	IBMASM
<input type="checkbox"/> ASM_LOCAL_SLOT_USAGE	IBMASM
<input type="checkbox"/> ASM_NUMBER_LOCAL_DATASETS	IBMASM
<input type="checkbox"/> ASM_PAGE_ADD	IBMASM
<input type="checkbox"/> ASM_PLPA_COMMON_SIZE	IBMASM
<input type="checkbox"/> ASM_PLPA_COMMON_USAGE	IBMASM
<input type="checkbox"/> CATALOG_IMBED_REPLICATE	IBMCATALOG

Properties of ALLOC_ALLC_OFFLN_POLICY

Properties are more current than table data. Type to filter properties

General

CheckOwner:	IBMALLOC
Global:	NO
GlobalSys:	
NAME:	ALLOC_ALLC_OFFLN_POLICY
Reason:	Check ALLC_OFFLN POLICY
SevCode:	4
SysLevel:	z/OS 02.01.00 HBB7790
SysName:	S1
WTOType:	INFO

Advanced

Category:	
Category10:	

13c. Click a check name

Task 13. Browse a health check

IBM z/OS Management Facility Welcome shara02 Log out IBM.

SDSF (SHARPLEX) SDSF (SHARPLEX)

Tabs for different views of the check

Input Queue SDSF (SHARPLEX) SAMPJOB (JOB24727)

ALLOC_ALLC_OFFLN_POLICY

Check History Browse Selected Browse Check

Health Checks History

COUNT CheckOwner Status

There is no data to display

Properties of

Type to filter properties

There is no data to display.

13d. Click the **Browse Check** tab

There is currently no history for this check

Total: 0, Selected: 0 Page 1 of 1 Rows 100

Refresh Last refresh: More than 5 seconds ago

TSO Messages C_ALLC_OFFLN_POLICY

Messages 0 1 16 | Help

Task 13. Browse a health check

IBM z/OS Management Facility Welcome shara02 Log out IBM.

SDSF (SHARPLEX)

Browse window for the check's output. Searchable and scrollable.

Input Queue Check History Browse Selected **Browse Check**

Actions

CHECK (IBMALLOC,ALLOC_ALLC_OFFLN_POLICY)
SYSPLEX: SHARPLEX SYSTEM: S1
START TIME: 04/07/2014 12:42:09.825357
CHECK DATE: 20100831 CHECK SEVERITY: LOW
CHECK PARM: POLICY(WTOR,CANCEL,WAITNOH)

IEFAH001I Option value CANCEL matches the owner recommendation of WTOR,CANCEL,WAITNOH

END TIME: 04/07/2014 12:42:09.826637 STATUS: SUCCESSFUL

Common Filters TSO Messages

Health Checks ALLOC_ALLC_OFFLN_POLICY

Messages 0 1 21 Help

Find options

Find field

Lines: 11 Lines to move: 2000 Down Up Top Bottom

Refresh Last refresh: Less than 5 seconds ago

Line: 11

Want to try more?

- Filters in the table

A screenshot of a table titled "Active Jobs". The table has columns: JOBNAME, StepName, ProcStep, and JobID. At the top of the table, there is a row of input fields labeled "Common Filters" with dropdown menus. The "Match" dropdown is set to "All Filters". Below the table, there is a "View" menu with options: Configure Columns..., Filter, Sort, Refresh, Clear Filters, and Custom Filters... . A callout box points to the "JobID" column header, indicating where to type a value for quick filtering.

For quick filtering, type a value in the input field under the title. These filters take effect after the common filters. Try combining common and table filters.

A screenshot of the same "Active Jobs" table. The "View" menu is open, and the "Filter" option is selected. A callout box points to the "Filter" option in the menu, with the text: "For complex filtering, use View > Filter > Custom Filters".

For complex filtering, use **View > Filter > Custom Filters**

- Find in Browse

A screenshot of the "Browse All" interface for job SAMPJOB (JOB24727). At the bottom of the screen, there is a "Find" input field containing the word "error". Above the find field, there is a "Messages" section with a count of 0. A callout box points to the "Find" input field with the text: "Type a value in the Find field, then press Enter". Another callout box points to the "Find options" link above the find field, with the text: "To limit your search, click Find options".

Type a value in the Find field, then press Enter

Messages 0 0

Find options

To limit your search, click Find options

Want to try more? View the SYSLOG.

- To view the SYSLOG, you can browse the SYSLOG job from the All Jobs View, or *MASTER* from the Active Jobs view.

MASTER (STC22359)

Messages 0 ! 1 23 | Help

Job Data Sets Browse Selected **Browse All** Edit JCL

Find options

Browse All Find

Actions DSID: 163 Line: 1

N 0000000 AQFT	14241 11:57:51.64	JOB10136 00000291	IEF404I SCDCPs - ENDED - TIME=11.57.51
N 0004000 AQFT	14241 11:57:51.64	JOB10136 00000290	- =====
S			=====
N 0004000 AQFT	14241 11:57:51.64	JOB10136 00000290	- NAME=4A0921-GREENBLATT TOTALS: CPU TIME=
S			TIME= 0:00:10.79 SERVICE UNITS= 38108
N 0004000 AQFT	14241 11:57:51.64	JOB10136 00000290	- =====
S			=====
N 4000000 AQFT	14241 11:57:51.64	JOB10136 00000291	\$HASP395 SCDCPs ENDED
N C000000 AQFT	14241 11:57:51.98	00000281	\$HASP309 INIT 1 INACTIVE ***** C=FS8
N 0200000 AQFT	14241 11:57:51.98	JOB10153 00000281	\$HASP100 SCINIT ON INTRDR 4A0921-GREENE
S			BP503948
N 0020000 AQFT	14241 11:57:52.06	JOB10153 00000281	ICH70001I G4A0921 LAST ACCESS AT 11:57:48 ON
N 4000000 AQFT	14241 11:57:52.06	JOB10153 00000291	SHASP373 SCINIT STARTED - INIT 1 - CLASS
N 0000000 AQFT	14241 11:57:52.06	JOB10153 00000291	IEF403I SCINIT - STARTED - TIME=11.57.52
N 0004000 AQFT	14241 11:57:52.19	JOB10153 00000290	- =====
S			=====

Lines: 2000 Lines to move: 2000 Down Up Top Bottom DSID: 163 Line: 2000

Refresh Last refresh: More than 5 minutes ago

End of this lab

Thank you!

For more information, see:

- z/OSMF website:

<http://ibm.com/systems/z/os/zos/zosmf>

- z/OSMF in the z/OS information center:

<http://pic.dhe.ibm.com/infocenter/zos/v2r1/topic/com.ibm.zos.v2r1.izu/izu.htm>