



z/OSMF Hands-on Labs – Choose Your Own

z/OS SDSF using z/OSMF



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

The screenshot shows the IBM z/OS Management Facility interface. The left sidebar contains a navigation menu with the following items: Welcome, Notifications, Workflows, Configuration, Jobs and Resources (with SDSF selected), Links, Performance, Problem Determination, Software, z/OS Classic Interfaces, and z/OSMF Settings (with SDSF Settings selected). A 'Refresh' button is located below the menu. The main content area is titled 'SDSF Settings' and has three tabs: 'Environment Definition' (selected), 'User Preferences', and 'Diagnostics'. Under 'Environment Definition', the 'TSO logon settings:' section includes: 'Logon procedure:' set to 'share', 'Account number:' set to 'shr', 'Region size (kilobytes):' set to '100000', and 'User group:' set to 'Select or type'. The 'JES settings:' section includes 'JES designation:' with a checkbox for 'Force to JES2 subsystem' (unchecked), 'JES2 name:' with a text input field, and 'JES3 name:' with a text input field containing 'JES3'. At the bottom are 'Save' and 'Reset' buttons. Three callout boxes provide instructions: 1a points to the 'SDSF Settings' menu item; 1b points to the 'Logon procedure' dropdown; 1c points to the 'Save' button.

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
- * 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.

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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: Account number:

* Region size (kilobytes):

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:

Refresh

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

Task 2. Select the SDSF Task

IBM z/OS Management Facility

Welcome shara02

Log out

IBM

New task

Welcome

About

Welcome to IBM z/OS Management Facility

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 displays the IBM z/OS Management Facility web interface. The top header bar is blue with the text "IBM z/OS Management Facility" on the left and "Welcome shara02" on the right. A left-hand navigation pane contains a tree of menu items: Welcome, Notifications, Workflows, Configuration, Jobs and Resources (with SDSF selected), Links, Performance, Problem Determination, Software, z/OS Classic Interfaces, and z/OSMF Settings (with sub-items FTP Servers, SDSF Settings, and Systems). A "Refresh" button is located at the bottom of this pane. The main content area has two tabs: "Welcome" and "SDSF". The "SDSF" tab is active, showing a progress list of tasks. A callout box points to this list with the text "A pop-up shows the progress of starting the SDSF task".

IBM z/OS Management Facility

Welcome shara02

Welcome x SDSF x

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 x SDSF (SHARPLEX) x

TSO Messages

Common Filters ?

SDSF (SHARPLEX)

Overview

Explore the summary data, or choose a task.

Messages 0 0 1 | Help

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 checks: 0 Eligible checks: 150


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 

Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX) TSO Messages

Overview Common Filters

Explore the summary data, or choose a task.

▼ **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

Refresh Last refresh: More than 10 seconds ago

▼ **Jobs**

	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

Summary information in graphical form

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

You will work with some of these sections later

Explore the Overview Page

The screenshot shows the IBM z/OS Management Facility Overview page. The page has a blue header with 'IBM z/OS Management Facility', 'Welcome shara02', and 'Log out' with the IBM logo. Below the header, there are tabs for 'Welcome' and 'SDSF (SHARPLEX)'. The main content area is titled 'SDSF (SHARPLEX)' and has an 'Overview' tab selected. Below the tab, there is a message: 'Explore the summary data, or choose a task.' The main content is divided into two sections: 'System Activity Summary: S1 (Local)' and 'z/OS Health Checks by Exception'. The 'System Activity Summary' section shows a bar chart titled 'System Activity Percent Busy' with data for LPAR (27%), MVS/SRM (27%), and Spool (1%). The 'z/OS Health Checks by Exception' section shows a bar chart with categories: None (0), Low (16), Medium (16), and High (2). Below the charts, there is a 'Refresh' button and a message: 'Last refresh: More than 10 seconds ago'. At the bottom, there is a 'Jobs' section with a table of job types: Active Jobs, All Jobs, Input Queue, and Output Queue. Annotations with arrows point to various elements: 'Collapse and expand sections – click [collapse icon] or [expand icon]' points to the 'System Activity Summary' section header; 'Choose text or icon views.' points to the 'View text' and 'View icons' links; 'Scroll to see more...' points to the bottom of the page.

IBM z/OS Management Facility

Welcome shara02

Log out

IBM

Welcome x SDFS (SHARPLEX) x

SDSF (SHARPLEX)

Overview

Explore the summary data, or choose a task.

TSO Messages

Common Filters

System Activity Summary: S1 (Local)

System: S1 (Local)

System Activity Percent Busy

Component	Percent Busy
LPAR	27%
MVS/SRM	27%
Spool	1%

z/OS Health Checks by Exception

Exception Level	Count
None	0
Low	16
Medium	16
High	2

Active checks: 0 Eligible checks: 150

Refresh

Last refresh: More than 10 seconds ago

Jobs

Job Type	Description
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

Collapse and expand sections – click [collapse icon] or [expand icon]

Choose text or icon views.

View text

View icons

Scroll to see more...

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 xSDSF (SHARPLEX) x

SDSF (SHARPLEX)

Overview

Explore the summary data, or choose a filter to view details.

TSO Messages

Common Filters

Messages 0 0 1 | Help

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: 0Eligible checks: 150

RefreshLast refresh: More than 10 seconds ago

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

3a. Click the arrow  to expand Common Filters

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Task 3. Set Common Filters

IBM z/OS Management Facility Welcome shara02 Log out

Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX)

Overview

Explore the summary data, or choose a specific system to view details.

▼ System Activity Summary: S1 (Local)

System: S1 (Local)

System Activity Performance

LPAR 27%

MVS/SRM 27%

Spool 1%

z/OS Health Checks by Exception

High 2

Active checks: 0 Eligible checks: 150

Refresh Last refresh: More than 5 minutes ago

▼ 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

Common Filters

Job name: * Owner: SHARA00

Apply Reset

More +

View text

View icons

3b. Type new values:
Job name: *
Owner: shara00

3c. Click **More** to see additional filters

Task 3. Set Common Filters

IBM z/OS Management Facility Welcome shara02 Log out IBM

Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX)

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

Explore the summary data, or choose a task.

System Activity Percent Busy

LPAR MVS/SRM Spool 2%

Refresh Last refresh: More than 20 s

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

TSO Messages

Common Filters

Job name: * Owner: SHARA00 Apply Reset

System: * Destinations (1-4): * Less -

z/OS Health Checks by Exception


None 0

16 16

Checks: 150

View icons

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.

Task 4. View Jobs

IBM z/OS Management Facility Welcome shara02 Log out IBM

W... EX) x

New task

SDSF (SHAR... TSO Messages

Common Filters ?

Overview All Jobs x

Explore the summary data, or choose a task.

Messages 0 0 4 | Help

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

Jobs View icons

Active Jobs

All Jobs Work with jobs in any phase of processing

Input Queue 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

Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX)

Overview All Jobs x

Work with jobs in any phase of processing.

Return Code Counts (14)

Summary information of jobs grouped by return code in graphical form

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

Abends JCL Error
CC12/CC16 CC4/CC8
CC0 Other

Messages 0 0 34 | Help
Common and table filters applied
View text

All Jobs

File Actions View Match:

JOBNAME	JobID	JobName
<input type="checkbox"/> HOLDJOB	JOB24708	SHARA21
<input type="checkbox"/> HOLDJOB	JOB24719	SHARA00
<input checked="" type="checkbox"/> COPY1234	JOB24699	SHARA21
<input type="checkbox"/> COPY1234	JOB24709	SHARA00
<input type="checkbox"/> BR14	JOB24718	SHARA00
<input type="checkbox"/> COPY1234	JOB24720	SHARA00
<input type="checkbox"/> CC08RUN	JOB24722	SHARA00
<input type="checkbox"/> CC04RUN	JOB24721	SHARA00
<input type="checkbox"/> SAMPJOB	JOB24727	SHARA00
<input type="checkbox"/> CC09RUN	JOB24723	SHARA00

Scrollable table of jobs

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:

Collapsible list of properties of a job

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

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

IBM z/OS Management Facility Welcome shara02 Log out IBM

New task

TSO Messages

Common Filters

Overview

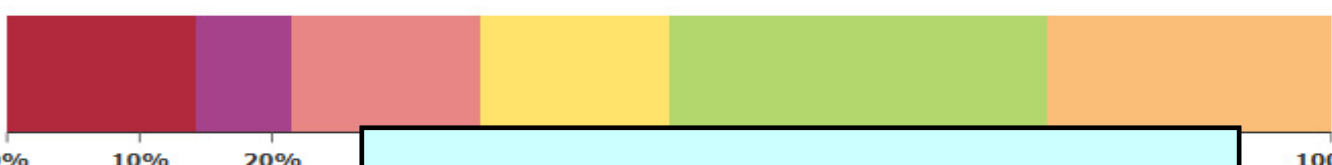
Work with jobs in any phase of processing.

Messages 0 0 34 | Help

Common and table filters applied

View text

Return Code Counts (14)



0% 10% 20% 100%

Abends JCL Error
CC12/CC16 CC4/CC8
CC0 Other

All Jobs

File Actions View Match: All Filters

Configure Columns...
Filter
Sort
Refresh

5a. Click **View** to display a menu

5b. Click **Configure Columns**

JOBNAME	Owner	Prt
HOLDJOB		
HOLDJOB	JOB24719	
COPY1234	JOB24699	
COPY1234	JOB24709	SHARA00
BR14	JOB24718	SHARA00
COPY1234	JOB24720	SHARA00
CC08RUN	JOB24722	SHARA00
CC04RUN	JOB24721	SHARA00
SAMPJOB	JOB24727	SHARA00
CC09RUN	JOB24723	SHARA00

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

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

IBM z/OS Management Facility

Welcome shara02

Log out

IBM

Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX)

Overview All Jobs x

Work with jobs in any phase of processing.

Return Code Counts (14)

0% 10%

Abends JCL Error CC12/CC16 CC4/CC8 Other

Configure Columns

Available:

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

* This column is delayed

OK Restore Defaults Cancel Help

Selected:

- JobID
- Owner
- Prty
- Queue

Up Down

Additional fixed columns: 0

5c. Scroll to find **Max-RC**

Dialog shows available columns on the left and columns in the table on the right

TSO Messages

34 | Help

table filters applied

View text

Properties

Edit properties

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

Refresh Last refresh: More than 1 minute ago

Apply Cancel

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

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

Welcome x SDSF (SHARPLEX) x

TSO Messages

SDSF (SHARPLEX)

Common Filters

Overview All Jobs x

Work with jobs in any phase of processing.

Messages 0 0 34 | Help

Return Code Counts (14)

Common and table filters applied

View text

Abends JCL Error
CC12/CC16 CC4/CC8
Other

0% 10%

Configure Columns

Available:

- TSys
- JobCorrelator
- Max-RC
- MC*
- Mode
- Notify*
- Offs
- OrigNode

Selected:

- JobID
- Owner
- Prty
- Queue

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

Additional fixed columns: 0

* This column is delayed

OK Restore Defaults Cancel Help

5d. Click Max-RC

5e. Click Add

Use this later if you change your mind!

All Jobs

File Actions View

JOBNAME

<input type="checkbox"/>	HOLDJOB	
<input type="checkbox"/>	HOLDJOB	
<input type="checkbox"/>	COPY1234	
<input type="checkbox"/>	COPY1234	
<input type="checkbox"/>	BR14	
<input type="checkbox"/>	COPY1234	
<input type="checkbox"/>	CC08RUN	
<input type="checkbox"/>	CC04RUN	
<input type="checkbox"/>	SAMPJOB	
<input type="checkbox"/>	CC09RUN	

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

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

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

Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX)

Overview All Jobs x

Work with jobs in any phase of processing

Return Code Counts (14)

0% 10%

Abends JCL Error CC12/CC16 CC4/CC8 Other

Messages 0 0 38 | Help

Common and table filters applied

View text

Configure Columns

Available:

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

Selected:

- JobID
- Owner
- Pty
- Queue
- Max-RC

Additional fixed columns: 0

* This column is delayed

OK Restore Defaults Cancel Help

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

5g. Click **OK**

File Actions View

JOBNAME

JOBNAME	JOBID	STATUS
HOLDJOB	JOB24718	SH
HOLDJOB	JOB24720	SH
COPY1234	JOB24722	SH
COPY1234	JOB24721	SH
BR14	JOB24727	SH
CC08RUN	JOB24723	SHARA21
CC04RUN		
SAMPJOB		
CC09RUN		

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

Refresh Last refresh: More than 25 seconds ago

Advanced

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

Task 5. Configure a Table – Sort

IBM z/OS Management Facility Welcome shara02 Log out IBM

Welcome x SDSF (SHARPLEX) x

TSO Messages

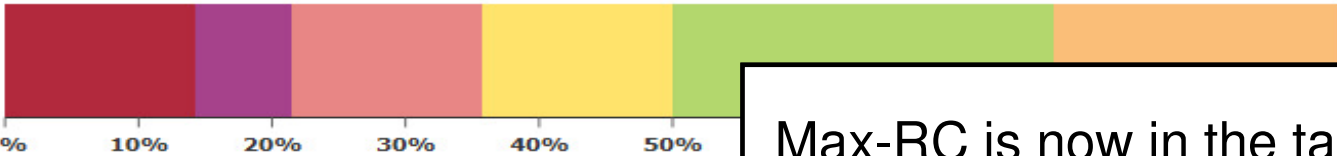
SDSF (SHARPLEX) Common Filters ?

Overview All Jobs x

Work with jobs in any phase of processing.

Messages 0 0 42 | Help

Return Code Counts (14) Common and table filters applied View text



0% 10% 20% 30% 40% 50%

Abends JCL Error
CC12/CC16 CC4/CC8
CC0 Other

Max-RC is now in the table

All Jobs Common Filters Properties of

File Actions View Match: All Filters Type to filter properties

JOBNAME	JobID	Owner	Max-RC
<input type="checkbox"/> HOLDJOB	JOB24708	SHARA00	
<input type="checkbox"/> HOLDJOB	JOB24719	SHARA00	
<input type="checkbox"/> COPY1234	JOB24599	SHARA00	CC 0000
<input checked="" type="checkbox"/> COPY1234	JOB24709		
<input type="checkbox"/> BR14	JOB24718		
<input type="checkbox"/> COPY1234	JOB24720		
<input type="checkbox"/> CC08RUN	JOB24722		
<input type="checkbox"/> CC04RUN	JOB24721		
<input type="checkbox"/> SAMPJOB	JOB24727		
<input type="checkbox"/> 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

General
JobCorrelator:
JobID:
JOBNAME:
Type:
Accounting
Date:
y:
Programmer-Name:
ate:
n:
ate:
aced
Cards:
Device:
ESys:
ExecNode:

Edit properties

Task 5. Configure a Table – Sort

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

Welcome x SDSF (SHARPLEX) x

TSO Messages

SDSF (SHARPLEX)

Common Filters

Overview All Jobs x

Work with jobs in any phase of processing.

Messages 0 0 47 | Help

Return Code Counts (14) Common and table filters applied View text

0% 10% 50% 60% 70% 80% 90% 100%

Abends JCL Error
CC12/CC16 CC4/CC8
CC0 Other

All Jobs Common Filters Properties of

File Actions View Match: All Filters

JOBNAME JobID Owner Max-RC

<input type="checkbox"/>	ABNDJOB	JOB24726	SHARA00	ABEND SD3;
<input type="checkbox"/>	BR14	JOB24718	SHARA00	CC 0000
<input type="checkbox"/>	CC04RUN	JOB24721	SHARA00	CC 0004
<input type="checkbox"/>	CC08RUN	JOB24722	SHARA00	CC 0008
<input type="checkbox"/>	CC09RUN	JOB24723	SHARA00	CC 0012
<input type="checkbox"/>	CC16RUN	JOB24724	SHARA00	CC 0016
<input type="checkbox"/>	CC2000	JOB24725	SHARA00	CC 2000
<input type="checkbox"/>	COPY1234	JOB24699	SHARA00	CC 0000
<input type="checkbox"/>	COPY1234	JOB24709	SHARA00	CC 0000
<input type="checkbox"/>	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:

Task 6. Switch to another view

New task

SDSF (SHARPLEX)

Overview

All Jobs

Work with jobs in any phase of processing.

Return Code Counts (14)

Messages 0 0 47 | Help

Common and table filters applied

View text



6a. Click the **Overview** tab

All Jobs

Filters

Properties of

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

Apply

Cancel

Task 6. Switch to another view

IBM z/OS Management Facility Welcome shara02 Log out

Welcome x SDSF (SHARPLEX) x

TSO Messages

SDSF (SHARPLEX) Common Filters ?

Overview All Jobs x

Explore the summary data, or choose a task. Messages 0 0 5 | [Help](#)

▼ System Activity Summary: S1 (Local)

System: S1 (Local) View text

System Activity Percent Busy

LPAR	<div></div>	25%
MVS/SRM	<div></div>	25%
Spool	<div></div>	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

▼ 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

6b. Click Input Queue

Task 6. Switch to another view

The screenshot displays the IBM z/OS Management Facility interface. At the top, the header bar shows "IBM z/OS Management Facility", "Welcome shara02", and a "Log out" button. Below the header, there are tabs for "Welcome" and "SDSF (SHARPLEX)". The "SDSF (SHARPLEX)" tab is active, and within it, the "Input Queue" sub-tab is selected. A callout box points to the "Input Queue" tab with the text: "Each view has its own tab".

Below the tabs, the main content area is titled "SDSF (SHARPLEX)" and contains the instruction "Work with jobs on the input queue." A section titled "Return Code Counts (2)" displays a horizontal bar chart. The x-axis represents percentages from 0% to 100% in 10% increments. A single orange bar extends to the 100% mark. A legend on the right indicates that the orange color represents "Other".

Below the chart, the "Input Queue" section is visible. It includes a table with columns "JOBNAME" and "JobID". The table contains two rows, both labeled "HOLDJOB". To the right of the table, there is a "Properties" panel with sections for "General", "Accounting", and "Advanced". The "General" section includes fields for "Correlator:", "JobID:", "JOBNAME:", and "Type:". The "Accounting" section includes fields for "Acct:", "Notify:", "Programmer-Name:", "Rd-Date:", "RNum:", and "St-Date:". The "Advanced" section includes fields for "ASys:", "Cards:", "Device:", "ESys:", "ExecNode:", and "TSver:". A callout box points to the "Input Queue" section with the text: "The view includes a graphic summary, table, and properties."

Task 7. Edit and resubmit JCL

The screenshot displays the IBM Management Facility interface. At the top, the header includes 'Management Facility', 'Welcome shara02', and 'Log out' with the IBM logo. Below the header, there's a 'New task' button. The main content area shows the 'All Jobs' tab selected, with a sub-tab 'Input Queue'. A callout bubble points to the 'All Jobs' tab with the text: '7a. Click the All Jobs tab'. Another callout bubble points to the 'Return Code Counts (2)' bar chart with the text: 'For this exercise, start by returning to the All Jobs view'. The 'Return Code Counts (2)' bar chart shows a single orange bar representing 100% of the jobs. The 'Input Queue' table lists jobs, with 'HOLDJOB' selected. The 'Properties of HOLDJOB' panel on the right shows details for 'HOLDJOB' (JOB24708) submitted by 'SHARA00' on 'Apr 9, 2014 2:03:21 PM'.

Management Facility Welcome shara02 Log out IBM.

New task

SDSF (SHARA00) x

Common Filters

TSO Messages

Overview All Jobs x Input Queue

Work with jobs on the input queue.

Return Code Counts (2)

0% 10% 20% 30% 40% 50% 100%

Other

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

7a. Click the All Jobs tab

Input Queue

File Actions

JOBNAME

HOLDJOB

HOLDJOB

JOB24719 SHARA00

Common Filters

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: SHARA00

Rd-Date: Apr 9, 2014 2:03:21 PM

RNum:

St-Date: N/A

Advanced

ASys:

Cards: 5

Device:

ESys:

Task 7. Edit and resubmit JCL

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


Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX) Common Filters TSO Messages

Overview All Jobs Input Queue x

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

Return Code Counts (14) Common and table filters applied View text



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

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

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:

Task 7. Edit and resubmit JCL

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

Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX) TSO Messages

Common Filters

Overview All Jobs x Input Queue x

Work with jobs in any phase of processing.

Messages 0 0 47 | Help

Return Code Counts (14) Common and table filters applied View text

0% 10% 100%

Abends JCL Error
CC12/CC16 CC4/CC8
CC0 Other

All Jobs

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
COPY1234	JOB24699	SHARA00	CC 0000
COPY1234	JOB24709	SHARA00	CC 0000
COPY1234			CC 0000
HOLDJOB			
HOLDJOB			
SAMPJOB			JCL ERROR
SHARA			

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

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

ISys:

General
JobCorrelator:
JobID:
JOBNAME:
Type:

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

7c. Click the SAMPJOB job name. If there is more than one SAMPJOB, pick either one.

This job has a JCL error

Hover the mouse pointer on the job name for a tip

Task 7. Edit and resubmit JCL

The screenshot displays the IBM z/OS Management Facility interface. At the top, the header bar shows 'IBM z/OS Management Facility', 'Welcome shara02', and 'Log out' with the IBM logo. Below the header, there are tabs for 'Welcome', 'SDSF (SHARPLEX)', and 'TSO Messages'. The main content area is titled 'SDSF (SHARPLEX)' and contains a sub-header 'SAMPJOB (JOB24727)'. Below this, there are tabs for 'Overview', 'All Jobs', 'Input Queue', and 'SAMPJOB'. The 'Job Data Sets' tab is selected, showing a table of job data sets. To the right of the table is a 'Properties of' panel for the selected data set.

Jobs for SAMPJOB (JOB24727):

DDNAME	StepName	ProcStep	DSID
JESMSG LG	JES2		
JESJCL	JES2		
JESYSMSG	JES2		

Properties of selected data set:

- 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:

Task 7. Edit and resubmit JCL

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

Welcome x SDSF (SHARPLEX) x

TSO Messages

SDSF (SHARPLEX)

Common Filters

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

SAMPJOB (JOB24727) Messages 0 0 21 | Help

Job Data Sets Browse Selected Browse All Edit JCL

Job Data Sets

DDNAME	StepName	ProcStep	DSID
<input type="checkbox"/> JESMSGLG	JES2		
<input type="checkbox"/> JESJCL	JES2		
<input type="checkbox"/> 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 IBM

Welcome x SDSF (SHARPLEX) x

TSO Messages

Common Filters

Find field

Find options

Find

DSID: 2 Line: 1

Actions

1 JES2 JOB LOG -- SYSTEM S1 -- NODE N1

0 14.10.20 JOB24727 ---- WEDNESDAY, 09 APR 2014 ----

0 14.10.20 JOB24727 IRR010I USERID SHARA21 IS ASSIGNED TO THIS JOB.

0 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 KBYTES

0 0.00 MINUTES EXECUTION TIME

0 1 //SAMPJOB JOB (1),'SHARE USER',

0 // CLASS=A,MSGCLASS=H,MSGLEVEL=(1,1)

0 /**

0 /** JCL ERROR

0 /**

0 2 //GENER EXEC PGM=IEBGENER

0 3 //SYSPRINT DD SYSOUT=*

0 /**

0 /** THE FOLLOWING IS A JCL ERROR (DDD BE DD).

0 /** USE THE EDITJCL FUNCTION TO CORRECT AND

0 /** RESUBMIT THE JOB

0 /**

0 4 //SYSUT2 DDD SYSOUT=*

0 /**

0 5 //SYSUT1 DD *

0 6 //SYSIN DD DUMMY

0 STMT NO. MESSAGE

0 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.

Welcome x SDSF (SHARPLEX) x

TSO Messages

SDSF (SHARPLEX)

Common Filters

Overview All Jobs x Input Queue x SAMPJOB (JOB24727) x

SAMPJOB (JOB24727) Messages 0 0 16 | Help

Job Data Sets Browse Selected Browse All Edit JCL

Job Data Sets

DDNAME	StepName	ProcStep	DSID
JESMSG LG	JES2		
JESJCL	JES2		
JESYSMSG	JES2		

Properties of

Type to filter properties

Edit properties

General

DDNAME:
DSID:
DSName:

Advanced

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

CrDate-CrTime:
Department:
Name:
Room:
Title:

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 x SDSF (SHARPLEX) x

TSO Messages

SDSF (SHARPLEX)

Common Filters

Overview All Jobs x Input Queue x SAMPJOB (JOB24727) x

SAMPJOB (JOB24727)

Job Data Sets Browse Selected Browse All

Messages x 0 0 i 18 | Help

Find

Edit JCL

```
00001 //SAMPJOB JOB (1), 'SHARE US JOB24727
00002 // CLASS=A,MSGCLASS=H,M EL=(1,1)
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
```

Lines: 19 Cursor position: Row: 0, Co

Submit Reset

JCL for the Job, in an edit window
Remove USER=SHARA00.

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

7g. Click **Submit**

Task 7. Edit and resubmit JCL

IBM z/OS Management Facility

Welcome shara02

Log out

SDSF (SHARPLEX)

Overview All Jobs Input Queue

SAMPJOB (JOB24727)

Job Data Sets Browse Selected Browse All

Edit JCL

TSO Messages

Common Filters

Messages 0 0 18 | Help

Find

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://mvsl.centers.ihost.com:443/zosmf/restjobs/jobs/J0024734N1.....CCFB346D.....
files-url: https://mvsl.centers.ihost.com:443/zosmf/restjobs/jobs/J0024734N1.....CCFB346D.....

Close

7h. Click Close

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 x SDSF (SHARPLEX) x

SDSF (SHARPLEX) TSO Messages

Common Filters

Overview All Jobs x Input Queue x SAMPJOB (JOB24727) x

SAMPJOB (JOB24727) Messages 0 0 18 | Help

Job Data Sets Browse Selected Browse All Edit JCL

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
```

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

Submit Reset

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

Task 7. Edit and resubmit JCL

IBM z/OS Management Facility

Welcome shara02

Log out

TSO Messages

Common Filters

Job name: * Owner: SHARA02

Apply Reset

More +

View text

Abends JCL Error

CC12/CC16 CC4/CC8

CC0 Other

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

All Jobs

File Actions View

JOBNAME

ABNDJOB

BR14

CC04RUN

CC08RUN

CC09RUN

CC16RUN

CC2000

COPY1234

COPY1234

COPY1234

HOLDJOB

JOB24709 SHARA00 CC 0000

JOB24720 SHARA00 CC 0000

JOB24708 SHARA00

Total: 14, Selected: 0

Page 1 of 1

Rows 100

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

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:

TSys:

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

Task 7. Edit and resubmit JCL

IBM z/OS Management Facility Welcome shara02 Log out IBM

Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX)

Overview All Jobs x Input

Work with jobs in any phase of processing.

Return Code Counts (7)

The view is refreshed with jobs that you own

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

View text

Abends CC0 Other

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

All Jobs

File Actions View

JOBNAME Owner Max-RC

SAMPJOB JOB24734 SHARA02 CC 0000

SHARA02 TSU24733 SHARA02

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

Here's SAMPJOB

Better result!

General

JobCorrelator:
JobID:
JOBNAME:
Type:

Accounting

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

Advanced

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

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

Task 8. Modify a property of a job

New task

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

IBM Management Facility

Welcome shara02

Log out

TSO Messages

Common Filters

Job name: * Owner: SHARA02

Apply Reset

More +

View text

Return Code Counts (7)

Abends CC0 Other

Properties of

Type to filter properties

Edit properties

JOBNAME	JobID	Owner	Max-RC
SAMPJOB	JOB24734	SHARA02	CC 0000
SHARA02	TSU24733	SHARA02	
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

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

Task 8. Modify a property of a job

IBM z/OS Management Facility

Welcome shara02

Log out

IBM

Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX)

Overview x All Jobs x Input Queue x SAMPJOB (JOB24727) x

Explore the summary data, or choose a task.

System Activity Summary: S1 (Local)

System: S1 (Local)

System Activity Percent Busy

LPAR	26%
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: Less than 5 seconds ago

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

TSO Messages

Common Filters

Job name: * Owner: SHARA02

Apply Reset

More +

View text

View icons

8b. Click Held Output Queue

Task 8. Modify a property of a job

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

Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX)

Overview All Jobs x Input Queue

Work with jobs on the held output queue.

Return Code Counts (5)

Graphic summary, table and properties

Common Filters Job name: Owner: SHARA02 Apply Reset More +

View text

Abends CC0

Held Output Queue

File Actions View Match

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

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

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

Type to filter properties

Edit properties

Accounting

Advanced

Total: 5, Selected: 0 < Page 1 of 1 > Rows 100

Task 8. Modify a property of a job

IBM z/OS Management Facility Welcome shara02 Log out IBM

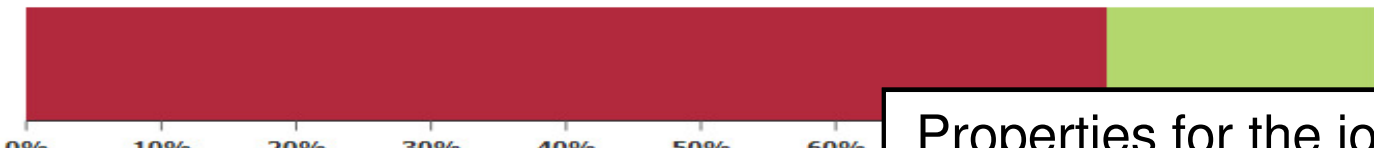
Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX)

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

Work with jobs on the held output queue.

Return Code Counts (5)



0% 10% 20% 30% 40% 50% 60%

Abends CCO

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

View text

Held Output Queue

File JO SH SH SHARA02 TSU24679 SHARA02 SHARA02 TSU24729 SHARA02 SAMPJOB JOB24734 SHARA02

Properties are in groups, which you can expand and collapse

You can collapse the whole properties section by clicking here

Properties for the job are now shown

Properties are more current. Type to filter properties

Edit properties

General

JobCorrelator: JobID: JOB24734 JOBNAME: SAMPJOB ODisp: HOLD 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:

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

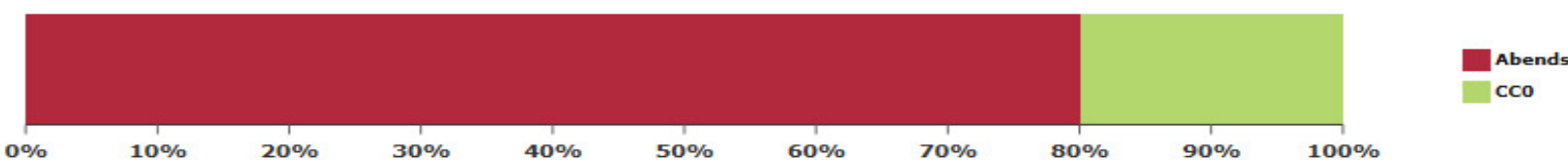
Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX)

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

Work with jobs on the held output queue.

Return Code Counts (5)



Return Code	Percentage
Abends	80%
CC0	20%

Held Output Queue

JOBNAME	JobID	SHARA02
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

8d. Click Edit properties

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

View text

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: SHARE USER
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

Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX)

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

Work with jobs on the held output queue.

Return Code Counts (5)

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

Properties are now editable

Held Output Queue

File	Actions	View	Match:
JOBNAME		JobID	
SHARA02		TSU24572	
SHARA02		TSU24600	
SHARA02		TSU24679	
SHARA02		TSU24729	
<input checked="" type="checkbox"/> SAMPJOB		JOB24734	SHARA02

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

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

View text

Edit Properties of SAMPJOB

more current than table data. Type to filter properties

Edit properties

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

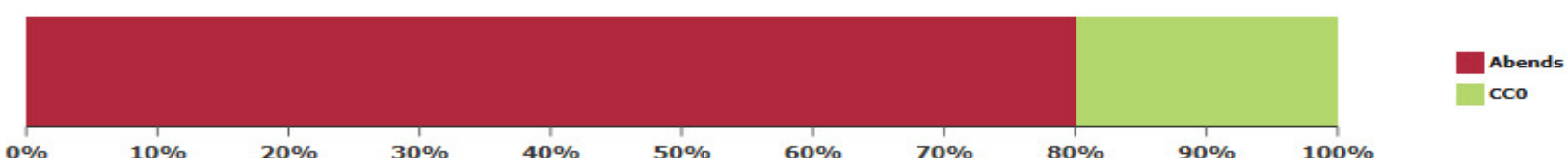
Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX)

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

Work with jobs on the held output queue.

Return Code Counts (5)



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

Abends CC0

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

View text

Held Output Queue

File Actions View Match: All Filters

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

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

Common Filters

Edit Properties of SAMPJOB

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

Printing

Burst: NO LOCAL 1

0 60

Scheduling

C: H JP: 1 Prty: 145 x

Security

Owner: SHARA02 SecLabel: SHARUSER SubGroup:

Status

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

Task 8. Modify a property of a job

IBM z/OS Management Facility

Welcome shara02

Log out

SDSF (SHARPLEX)

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

Common Filters

Job name: * Owner: SHARA02

Apply Reset

More +

Abends

CCO

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

Held Output Queue

File	Actions	View	JOBNAME	Job
<input type="checkbox"/>			SHARA02	TSU
<input type="checkbox"/>			SHARA02	TSU
<input type="checkbox"/>			SHARA02	TSU24729
<input type="checkbox"/>			SHARA02	TSU24729
<input checked="" type="checkbox"/>			SAMPJOB	JOB24734

Total: 5, Selected: 1

Refresh

Last refresh: More than 1 minute ago

Properties of SAMPJOB

es are more current than table data.

Type to filter properties

First: NO

Test: LOCAL

Device: 1

Code: 1

Int: 1

sysID: 1

Tot-Page: 0

Tot-Rec: 60

Scheduling

C: H

JP: 1

Prty: 145

Security

Owner: SHARA02

SecLabel: SHARUSER

SubGroup: SHARUSER

Status

Max-RC: CC 0000

Status: CC 0000

Apply Cancel

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

8h. Click Apply

Task 8. Modify a property of a job

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


Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX)

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

Work with jobs on the held output queue.

Return Code Counts (5)



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

Abends
CC0

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

View text

Held Output

File Action

JOBNAME	RC	Count	Job Name	Count	Class
<input type="checkbox"/> SHARA02	572	SHARA02	144	H	
<input type="checkbox"/> SHARA02	600	SHARA02	144	H	
<input type="checkbox"/> SHARA02	679	SHARA02	144	H	
<input type="checkbox"/> SHARA02	729	SHARA02	144	H	
<input checked="" type="checkbox"/> SAMPJOB	734	SHARA02	145	H	

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

Properties of SAMPJOB

Properties are more current than table data.

Type to filter properties

Burst: NO
Dest: LOCAL
Device:
Node: 1
Rmt:
SysID:
Tot-Page: 0
Tot-Rec: 60

Scheduling

C: H
JP: 1
Prt: 145

Security

Owner: SHARA02
SecLabel:
SubGroup: SHARUSER

Status

Max-RC: CC 0000

Prty value has changed

Task 9. View the user session log

IBM z/OS Management Facility Welcome shara02 Log out IBM

Web browser tabs: Web browser (SHARPLEX) x

Navigation tabs: Overview | Input Queue x | SAMPJOB (JOB24727) x | Held Output

TSO Messages

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

Return Code Counts (5)

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

Abends CC0

Held Output Queue

File Actions View

JOBNAME
<input type="checkbox"/> SHARA02	572	SHARA02	144	H
<input type="checkbox"/> SHARA02	600	SHARA02	144	H
<input type="checkbox"/> SHARA02	679	SHARA02	144	H
<input type="checkbox"/> SHARA02	729	SHARA02	144	H
<input checked="" type="checkbox"/> SAMPJOB	734	SHARA02	145	H

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

SAMPJOB

More current than table data. Type to filter properties

Burst: NO

Dest: LOCAL

Device:

Node: 1

Rmt:

SysID:

Tot-Page: 0

Tot-Rec: 60

Scheduling

C: H

JP: 1

Prt: 145

Security

Owner: SHARA02

SecLabel:

SubGroup: SHARUSER

Status

Max-RC: CC 0000

New task

9a. Return to the Overview page

Task 9. View the user session log

IBM z/OS Management Facility Welcome shara02 Log out

Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX) TSO Messages

Overview All Jobs Input Queue SAMPJOB (JOB24727) Held Output

System Activity Percent Busy

LPAR	<div></div>	25%
MVS/SRM	<div></div>	25%
Spool	<div></div>	2%

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

None
Low
Medium 16
High 2

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) Submit
[Help with command syntax...](#)

User Session Log Display and search the User Session Log

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

Task 9. View the user session log

IBM z/OS Management Facility Welcome shara02 Log out

Log for your session

TSO Messages

Common Filters ?

Overview All Jobs Input Queue

User Session Log (SHARA02)

Actions

S1	2014099	17:55:25.68	ISF0311	CONSOLE SHARA02 ACTIVATED
S1	2014099	17:55:25.68	-\$TOJ(24734),	OUTGRP=1.1.1,P=145
S1	2014099	17:55:25.68	JOB24734	\$HASP686 OUTPUT (SAMPJOB)
				\$HASP686 OUTPUT (SAMPJOB) OUTGRP=1.1.1,BURST=NO,FCB=****,
				\$HASP686 FLASH=****,FORMS=STD,HOLD=(NONE),
				\$HASP686 OUTDISP=HOLD,PRIORITY=145,
				\$HASP686 PRMODE=LINE,QUEUE=H,
				\$HASP686 RECORDS=(60 OF 60),ROUTECD=LOCAL,
				\$HASP686 SECLABEL=,TPJOBID=,TPJOB=,
				\$HASP686 TSOAVAIL=YES,UCS=****,USERID=SHARA02,
				\$HASP686 WRITER=

JES2 command that was generated when you changed the Prty value

Messages issued in response

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)

Help with command syntax...

Submit

Task 10. System command

The screenshot displays the IBM z/OS Management Facility interface. At the top, the header shows 'IBM z/OS Management Facility', 'Welcome shara02', and a 'Log out' button. Below the header, there are tabs for 'Overview', 'Input Queue', 'SAMPJOB (JOB24727)', and 'Held Output'. An orange callout bubble labeled 'New task' points to the 'SAMPJOB (JOB24727)' tab.

The main content area is titled 'User Session Log (SHARA02)'. It contains a console output showing the activation of SHARA02 and various system parameters. A text box annotation points to this area, stating: 'This page includes a command line for system commands. (So does the Overview page.)'

Below the console output, there is a section titled 'z/OS System Commands'. It shows a list of commands, with 'd a' highlighted. A text box annotation points to this entry, stating: '10a. Type d a' and '10b. If a list of commands appears beneath the command line, click the entry for d a'.

The interface also includes a 'Common Filters' section with fields for 'Job name:' and 'Owner:', and a 'Find' search bar. The bottom of the page shows a 'Submit' button.

Task 10. System command

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

Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX)

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

User Session Log (SHARA02)

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

Find

Line: 1

S1	2014099	17:55:25.68	ISF031I CONSOLE SHARA02 ACTIVATED
S1	2014099	17:55:25.68	-\$TOJ(24734),OUTGRP=1.1.1,P=145
S1	2014099	17:55:25.68	JOB24734 \$HASP686 OUTPUT (SAMPJOB)
			\$HASP686 OUTPUT (SAMPJOB) OUTGRP=1.1.1,BURST=NO,FCB=****,
			\$HASP686 FLASH=****,FORMS=STD,HOLD=(NONE),
			\$HASP686 OUTDISP=HOLD,PRIORITY=145,
			\$HASP686 PRMODE=LINE,QUEUE=H,
			\$HASP686 RECORDS=(60 OF 60),ROUTECD=LOCAL,
			\$HASP686 SECLABEL=,TPJOBID=,TPJOB=,
			\$HASP686 TSOAVAIL=YES,UCS=****,USERID=SHARA02,
			\$HASP686 WRITER=

Line: 11

Lines to move: 2000 Down Up Top Bottom

z/OS System Commands

*System command line: S1 (Local)

d a x Submit

[Help with command syntax...](#)

Help with command syntax...

10c. Click the **Help with command syntax** link

Task 10. System command

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 system activity	z/OS MVS System Commands
DISPLAY ALLOC,IGDEINFO	Displaying system activity	z/OS MVS System Commands
DISPLAY C,OPTIONS	Displaying system activity	z/OS MVS System Commands
DISPLAY APPC	Displaying system activity	z/OS MVS System Commands
DISPLAY ASCH	Displaying system activity	z/OS MVS System Commands
DISPLAY ASM	Displaying system activity	z/OS MVS System Commands
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

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

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

IBM z/OS Management Facility Welcome shara02 Log out IBM

SDSF (SHARPLEX) x

New task

Overview x Input Queue x SAMPJOB (JOB24727) x **Held Output**

User Session Log (SHARA02)

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

Find

Line: 1

Actions

Line	Time	Time	Time	Message
S1	2014099	17:55:25.68		ISF031I CONSOLE SHARA02 ACTIVATED
S1	2014099	17:55:25.68		-\$TOJ(24734),OUTGRP=1.1.1,P=145
S1	2014099	17:55:25.68	JOB24734	\$HASP686 OUTPUT (SAMPJOB)
				\$HASP686 OUTPUT (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=,TPJOB=,
				TSOAVAIL=YES,UCS=****,USERID=SHARA02,
				WRITER=

Line: 11

Lines to move: 2000 Down Up Top Bottom

z/OS System Commands

*System command line: S1 (Local)

d a Submit

Help with command syntax...

11a. Return to the SDSF window and click the Held Output Queue tab

Task 11. Purge a job's output

IBM z/OS Management Facility Welcome shara02 Log out IBM

Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX)

Overview All Jobs x Input Queue x SAMPJOB (JOB24727) x 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 CC0

Held Output Queue

File Actions View Match:

Purge Output More Actions...

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

Dest: LOCAL

Device:

Node: 1

Rmt:

SysID:

Tot-Page: 0

Tot-Rec: 60

Scheduling

SecLabel:

SubGroup: SHARUSER

Status

Max-RC: CC 0000

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

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

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

Task 11. Purge a job's output

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

Welcome x SDSF (SHARPLEX) x

TSO Messages

Common Filters

Job name: Owner: SHARA02 Apply Reset More +

View text

OB24727) x Held Output

You can list all actions, or just those in a category

11d. Click Purge Output

More Actions

Select a category and an action

Categories

- All
- Display
- Job Output Data Sets
- Release

Actions

- Browse All Job Data Sets
- Display Job Data Sets
- Display Output Status Short Form
- Display Output Status Long Form
- Edit JCL
- Hold Output
- Purge Output**
- Release Output
- Release Output to Print and Purge
- Release Output to Print and Keep

OK Cancel

11e. Click OK

Held Output Queue

File	Actions	View
JOBNAME		
SHARA02	TS	
SHARA02	TS	
SHARA02	TS	
SHARA02	TS	
<input checked="" type="checkbox"/> SAMPJOB	JOB	

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

Notify: Programmer-Name: SHARE USER
Rd-Date: Apr 9, 2014 5:43:34 PM
RNum:

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

1
Apr 9, 2014 5:43:34 PM
Apr 9, 2014 5:43:34 PM
H

Task 11. Purge a job's output

IBM z/OS Management Facility Welcome shara02 Log out IBM

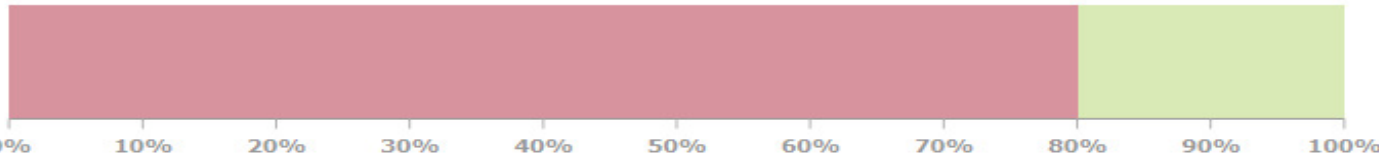
Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX)

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

Work with jobs on the held output queue.

Return Code Counts (5)



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

Abends CC0

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

View text

Held Output Queue

File	Actions	View	Match:
JOBNAME		JobID	
SHARA02		TSU24572	
SHARA02		TSU24600	SHARA02
SHARA02		TSU24679	SHARA02
SHARA02		TSU24729	SHARA02
<input checked="" type="checkbox"/> SAMPJOB		JOB24734	SHARA02

Confirm Action

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

OK Cancel


JobCorrelator: JOB24734
JobID: SAMPJOB
JOBNAME: HOLD
ODisp: 1
OGID1: 1
OGID2: 1

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

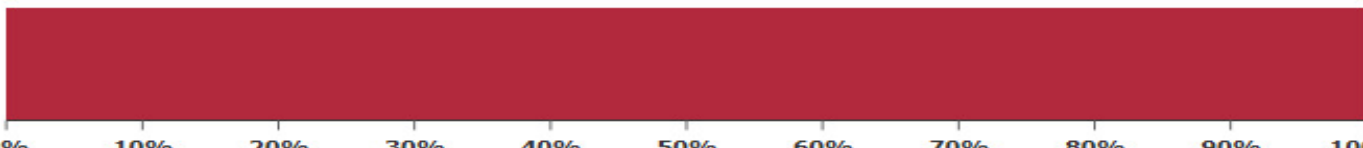
Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX)

Overview  All Jobs x  Input Queue x **SAMPJOB (JOB24727)** x  Held Output

Work with jobs on the held output queue.

▼ **Return Code Counts (4)**



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

■ Abends

[View text](#)

Common Filters

Job name: * Owner: SHARA02 [Apply](#) [Reset](#) [More +](#)

Held Output Queue

File Actions View Match: All Filters

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

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

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

SAMPJOB has been purged

Task 12. Export a table

New task

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

12a. Click Overview

Work with jobs on the held output queue.

Return Code Counts (4)

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

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

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

Properties of

Type to filter properties

Edit properties

- 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

Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX) TSO Messages

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

System Activity Percent Busy

LPAR	<div></div>	25%
MVS/SRM	<div></div>	25%
Spool	<div></div>	2%

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

None
Low
Medium **16**
High **2**

Active checks: 0 Eligible checks: 150

Refresh Last refresh: More than

Jobs View icons

- 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) Submit

[Help with command syntax...](#)

User Session Log Display and search the User Session Log

12b. Click Active Jobs

Task 12. Export a table

The screenshot displays the IBM z/OS Management Facility interface. The top navigation bar shows 'Welcome shara02' and a 'Log out' button. The left sidebar has 'Active Jobs' selected. The main content area is divided into several panels:

- Active Jobs Statistics:** This panel shows system activity. A callout box points to it with the text: "The Active Jobs view includes a graphic summary, table and properties". It contains a bar chart for 'System Activity Percent Busy' with values for LPAR (26%) and MVS/SRM (25%).
- Common Filters:** This panel allows filtering jobs by name and owner. A callout box points to it with the text: "12c. Change the Owner to * and click **Apply** (to get more table data)". The 'Owner' field is currently set to 'SHARA02'.
- Top CPU Percentages:** This panel shows the top CPU percentages for the system, with a value of 0.22% for SHARA02.
- Properties of:** This panel shows the properties of the selected job, including General and Advanced sections.

Task 12. Export a table

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

Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX)

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

Work with active jobs.

Active Jobs Statistics

System: S1 (Local)

System Activity Percent Busy

Top CPU Percentages

24.53%

0.24%

0.24%

DBS9DIST SHARA02 RMF

Table now has all active jobs

Active Jobs

File Actions View Match: All

Export Current View

Export All Data

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

12e. Click Export All Data

Type to filter properties

Edit properties

JobCorrelator:
JobID:
JOBNAME:
ProcStep:
Name:
Name:
e:
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

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

Microsoft Excel - Table_Data_735980294933448

File Edit View Insert Format Tools

question for help

Arial

A1 JOBNAME

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	CPU%
2	*MASTER*			STC24397	+MASTER+		NS	255	4124	0	0	0
3	PCAUTH	PCAUTH					NS	254	177	0	0	0
4	RASP	RASP					NS	255	305	0	0	0
5	TRACE	TRACE					NS	244	1155	0	0	0
6	DUMPSRV	DUMPSRV	DUMPSRV				NS	255	542	0	0	0
7	XCFAS	XCFAS	IEFPROC				NS	255	8655	0	20	0.19
8	GRS	GRS					NS	255	3514	0	0	0
9	SMSPDSE	SMSPDSE					NS	255	2610	0	0	0
10	CONSOLE	CONSOLE					NS	255	4311	0	0	0
11	WLM	WLM	IEFPROC				NS	255	28052	0	0	0.19
12	ANTMAIN	ANTMAIN	IEFPROC				NS	255	1398	0	0	0
13	ANTAS000	ANTAS000	IEFPROC				NS	254	1276	0	0	0
14	DEVMAN	DEVMAN	IEFPROC				NS	255	473	0	0	0
15	VMCF	VMCF	IEFPROC				NS	254	242	0	0	0
16	OMVS	OMVS	OMVS				NS	255	21824	0	0	0
17	HZSPROC	HZSPROC	HZSSTEP	STC24420	STCUSR		NS	193	4509	0	0	0
18	IEFSCHAS	IEFSCHAS					NS	255	81	0	0	0
19	JESXCF	JESXCF	IEFPROC				NS	254	688	0	0	0
20	ALLOCAS	ALLOCAS					NS	255	1809	0	0	0
21	SMS	SMS	IEFPROC				NS	254	573	0	0	0
22	IOSAS	IOSAS	IEFPROC				NS	255	1127	0	0	0
23	IXGLOGR	IXGLOGR	IEFPROC				NS	255	2800	0	0	0
24	AXR	AXR	IEFPROC				NS	254	520	0	0	0
25	CEA	CEA	IEFPROC				NS	255	3151	0	0	0
26	RESOLVE	RESOLVE	IEFPROC				NS	254	705	0	0	0

Table_Data_7359802949334487848

Ready

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,ProcStepID,Owner,C,Pos,DP,Real,Paging,SIO,C
PU%,ASID,ASIDX,EXCP-Cnt,CPU-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,SYSH
IGH,80.08,0,0,0,0,0,0,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,SYS
STC,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,SYS
M,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,,,0,0,0,0,0,0,0,0
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,,,0.03,0,0,0,0,0,0,NO,STC,0,0,0,0,0,25,NORMAL,
XCFAS,XCFAS,IEFPROC,,,,,NS,255,8653,0,20,0,6,6,1554169,540.84,,,S
1,0,25,SYSTEM,SYSTEM,1,,NO,,540.84,0,NO,NO,,16383PB,218:19:35.36
```

Task 13. Browse a health check

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

W... (SHARP EX) x

New task

Overview x Input Queue x SAMPJOB (JOB24727) x Held Output

Work with jobs on the held output queue.

Common Filters

Job name: * Owner: SHARA02 Apply Reset More +

TSO Messages

Return Code Counts (4)

Abends

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

Held Output Queue

File Actions View Match: A

	JOBNAME	JobID	
<input type="checkbox"/>	SHARA02	TSU24572	SHARA02
<input type="checkbox"/>	SHARA02	TSU24600	SHARA02
<input type="checkbox"/>	SHARA02	TSU24679	SHARA02
<input type="checkbox"/>	SHARA02	TSU24729	SHARA02

13a. Click **Overview** to return to the Overview page

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

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

Task 13. Browse a health check

IBM z/OS Management Facility Welcome shara02 Log out

Welcome x SDSF (SHARPLEX) x

TSO Messages

SDSF (SHARPLEX)

Overview All Jobs x Input Queue x SAMPJOB (JOB24727) x 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	
Spool	2%

z/OS Health Checks by Exception

None	0
Low	16
Medium	16

Eligible checks: 150

Refresh Last refresh: Less than 5 seconds ago

View text

▼ 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

View icons

▼ Health Checks

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

▼ z/OS Commands and Logs

13b. Click z/OS Health Checks

Task 13. Browse a health check

IBM z/OS Management Facility Welcome shara02 Log out IBM

Welcome x SDSF (SHARPLEX) x

TSO Messages

SDSF (SHARPLEX) Common Filters ?

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

Manage z/OS Health Checks. Messages x 0 y 0 i 12 | Help

z/OS Health Checks Statistics Common and table filters applied View text

System: S1 (Local)

z/OS Health Checks

118 Success 0 Exception Low 14 Exception Medium 16 Exception High 2

Running checks: 0

Health Checks

File Actions View

NAME	
<input type="checkbox"/> ALLOC_ALLC_OFFLN_POLICY	
<input type="checkbox"/> ALLOC_SPEC_WAIT_POLICY	IBMALLOC
<input type="checkbox"/> ALLOC_TIOT_SIZE	IBMALLOC
<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

General

CheckOwner:
Global:
GlobalSys:
NAME:
Reason:
SevCode:
SysLevel:
SysName:
WTOTType:

Advanced

Category:
Category10:
Category11:
Category12:

Type to filter properties Edit properties

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 x SDSF (SHARPLEX) x

TSO Messages

SDSF (SHARPLEX) Common Filters

Input Queue x SAMPJOB (JOB24727) x Held Output Queue x User Session Log x Health Checks x ALLOC_ALLC_OFFLN_POLICY x

Manage z/OS Health Checks. Messages 0 0 14 | Help

z/OS Health Checks Statistics Common and table filters applied View text

System: S1 (Local)

z/OS Health Checks

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

Running checks: 0 Inactive checks: 12

Health Checks

File Actions View Filter All Filters

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	IBMALLOC
<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

13c. Click a check name

Properties of ALLOC_ALLC_OFFLN_POLICY

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

Edit properties

General

CheckOwner: IBMALLOC

Global: NO

GlobalSys: ALLOC_ALLC_OFFLN_POLICY

NAME: Check ALLC_OFFLN POLICY

Reason: 4

SevCode: z/OS 02.01.00 HBB7790

SysLevel: S1

SysName: INFO

WTOType: INFO

Advanced

Category: Category10:

Task 13. Browse a health check

IBM z/OS Management Facility

Welcome shara02

Log out

IBM

Welcome x SDSF (SHARPLEX) x

SDSF (SHARPLEX)

Input Queue x SAMPJOB (JOB24727) x

ALLOC_ALLC_OFFLN_POLICY

Check History Browse Selected Browse Check

Health Checks History

File Actions View Match: All Filters

COUNT CheckOwner Status

There is no data to display.

Properties of

Type to filter properties

There is no data to display.

TSO Messages

C_ALLC_OFFLN_POLICY x

Messages 0 1 16 | Help

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

Task 13. Browse a health check

IBM z/OS Management Facility

Welcome shara02

Log out

IBM

Welcome x SDSF (SHARPLEX) x

TSO Messages

Common Filters

Health Checks x ALLOC_ALLC_OFFLN_POLICY x

Messages x 0 1 21 | Help

Find options

Find

Line: 1

Actions

CHECK(IBMALLOC,ALLOC_ALLC_OFFLN_POLICY)
SYSPLX: 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

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

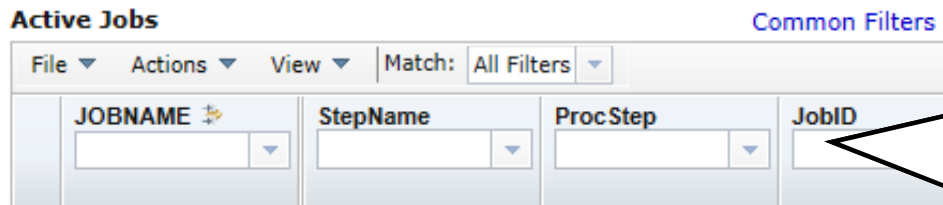
Refresh Last refresh: Less than 5 seconds ago

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

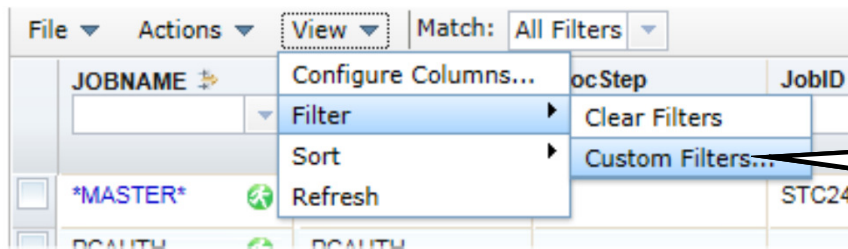
Find field

Want to try more?

- Filters in the table

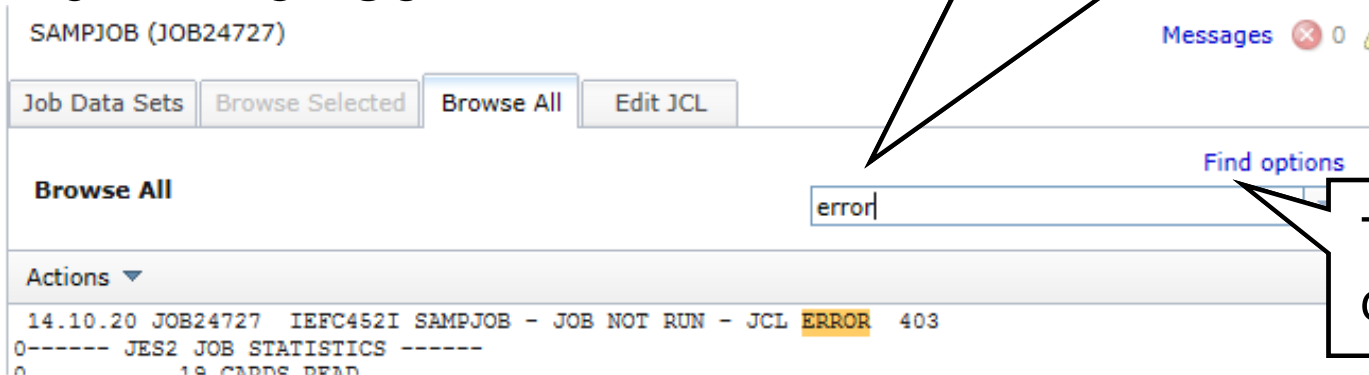


For quick filtering, type a value in the input field under the title. These filters take effect after the common filters. Try combining common and table filters.



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

- Find in Browse



Type a value in the Find field, then press Enter

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

Browse All

Find options

Find

Actions

DSID: 163 Line: 1

N 0000000 AQFT 14241 11:57:51.64 JOB10136 00000291 IEF404I SDCDCPS - 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 SDCDCPS 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 \$HASP373 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: 163Line: 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>