



z/OSMF Software Management Hands on Lab

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Test link: www.SHARE.org



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Agenda



- **Lab Objective**
- **z/OSMF Software Management Overview**
- **Lab Environment**
- **Lab Exercises**
 1. Logon to z/OSMF and invoke software management
 2. Change the Software Management specific “Settings”
 3. View the “Master” Software Instances
 - a. Their Products, Features, and FMIDs
 - b. Additional Product Information
 - c. Properties
 - d. Data sets (filtering by attribute)
 - e. Export (or Print) Table Data
 4. Report on the “Master” Software Instances
 - a. End of Service
 - b. SYSMOD Search
 - c. Missing FIXCAT SYSMODs
 - d. Missing Critical Fixes
 - e. Software Instance Comparison
 - f. Software Instance Validation
 5. View Products
 6. Deployments

Lab Objectives and Hints and Tips

- Use z/OSMF to view and report on previously defined software instances
- Gain familiarity in using the z/OSMF application

Hints and Tips

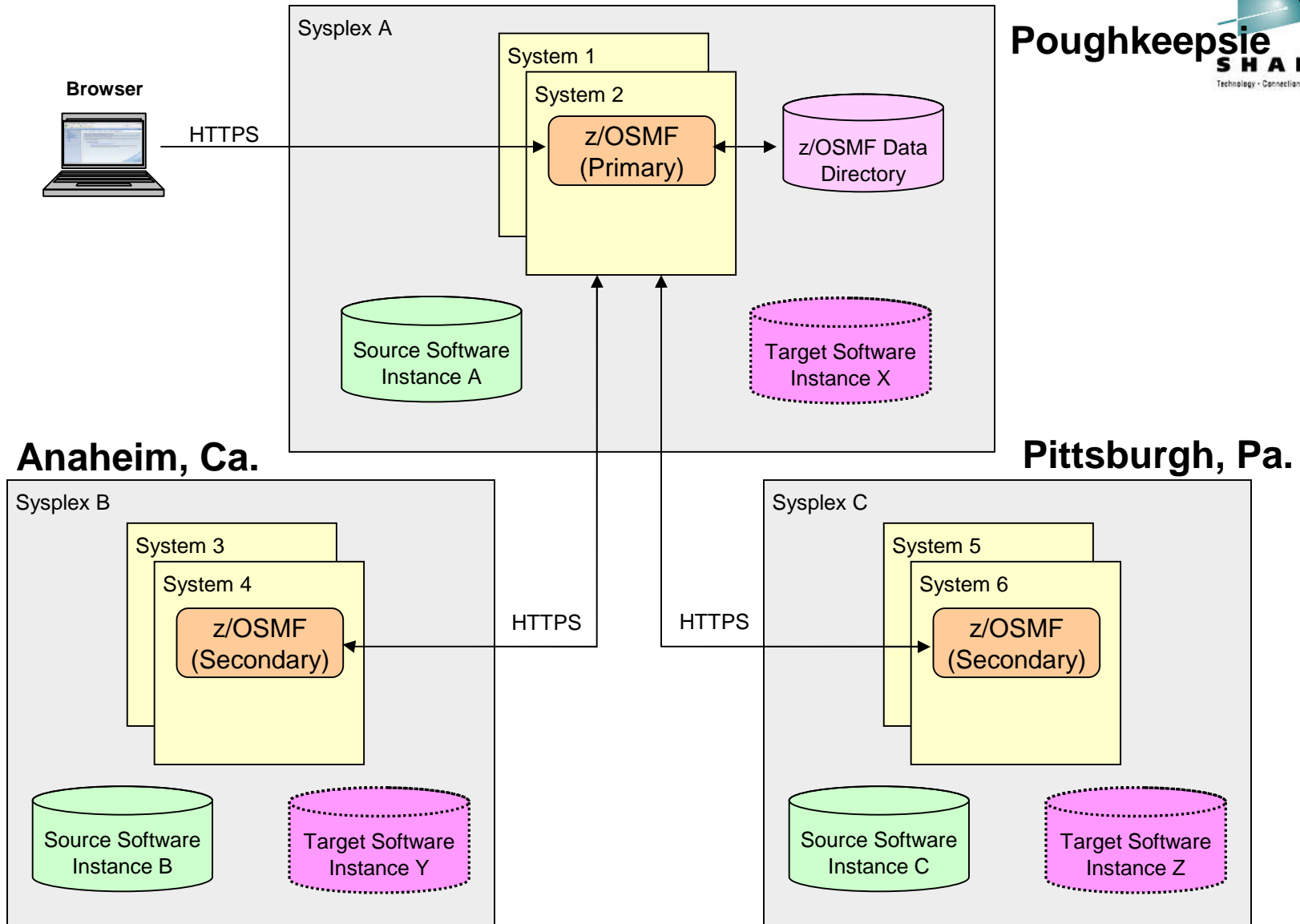
- At any time you can use the Help facilities by clicking on the link in the upper right hand corner of the screen
- You are encouraged to follow the instructions provided, but you can use the new views and reports on any defined software instance
 - Please note that the closer you follow the instructions, the easier it will be to assist you if you go astray
 - The handout contains screen captures and guidance to lead you through the lab
- Please note: **Do NOT use the Browser BACK button to go to the prior screen!!!**
- Also note that if you change the browser display size (Ctrl/+, or Ctrl/-) then what you see may not exactly match the handout.

z/OSMF Software Management

- z/OSMF V1.13 introduced a Software Deployment function
 - Introduced a concept of a software instance
- IBM introduced a Software Management task that extends the Software Deployment task to provide additional actions on software instances.
 - z/OSMF PTFs UK79887, UK83841, UK83825, UK83828, UK83833, UK83836, UK83842, and UK83852
- This function was integrated and enhanced in z/OSMF V2.1
 - **This lab will use a z/OSMF V2.1 system**

z/OSMF Software Management ...

- In addition to deploying a software instance, the Software Management task will:
 - Allow inspection of a software instance to view the product, feature, and FMID content;
 - View the physical data sets that compose a software instance; and
 - Perform actions to analyze and report on software instances and installed products.
 - Identify software products that are approaching, or have reached, end of service support.
 - Validate the SMP/E structure and content of a software instance is correct.
 - Identify missing HIPER and PE fixes, and fixes associated with one or more fix categories
 - Determine if individual fixes are installed and in which software instances.
 - Compare the service and functional content of two software instances to aid in debugging or migration planning.



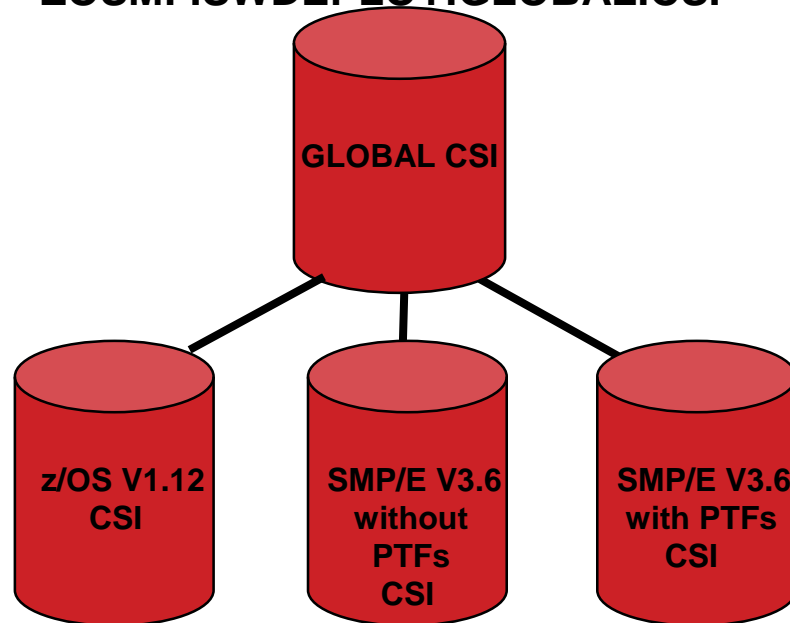
Software instances can be viewed or deployed throughout your enterprise

Lab SMP/E Environment

Four (4) “Master” Software Instances

- 1.MASTER_ZOSV1.12
- 2.MASTER_SMPEV3.6_WITHOUT_PTFs
- 3.MASTER_SMPEV3.6_WITH_PTFs
- 4.MASTER_zOS_R13_w/Other_Products

ZOSMF.SWDEPLOY.GLOBAL.CSI



TGTZ12/DLBZ12

TSMP36/DSMP36

TSMP36P/DSMP36P

SMLAB01.GLOBAL.CSI



TGT zone	DLIB zone
Z1130T	Z1130D
COB320T	COB320D
PLI410T	PLI410D
DT910T	DT910D

Step 1: Logon to z/OSMF and invoke Software Management

Starting the Lab – Log in to z/OSMF

- **Launch the Mozilla Firefox browser**
 - Note: If browser asks to add exception for certificate, do so
- **Point Browser to z/OSMF – enter the following url**
 - <https://mvs1.centers.ihost.com/zosmf/>
 - Note: Ignore and close the warning message
 - IZUG809W Unsupported Web browser version or level found: "3.6.13 (.NET CLR 3.5.30729)" . Some z/OSMF functions might not be available if you continue.
- **Login with SHARE userid/pw as provided by the lab instructor**
 - Each workstation has been assigned a unique z/OS User ID
 - SHARAnn (where nn is 01 - 20)
 - Password: to be provided
- **Each User ID has been authorized to all the z/OSMF applications (Plug-ins)**

Step 1

**Secure connection to
z/OS host**



Browser address bar: <https://mvs1.centers.ihost.com/zosmf/>

Browser tabs: Most Visited, IBM Business Transfor..., IBM Standard Softwar..., IT Help Central, https://w3-connection..., Join World Communit..., IBM, IBM, IBM, IBM, IBM, IBM, IBM, Stakeholder Feedback ..., IBM, IBM

Page Title: IBM z/OS Management Facility

Welcome guest

User ID:

Password or pass phrase:

Log in

Welcome

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.

Log in to utilize and learn more about z/OSMF.

About

Navigation: Welcome, Links, Refresh

**Secure authentication to z/OS host using
regular z/OS User ID and password. Enter the
user ID and password that you were given**

**To log in you will need a z/OS user ID that has been defined and enabled for z/OSMF.
Guidance is provided.**

Step 1 ...



A screenshot of the IBM z/OS Management Facility (z/OSMF) web interface. The browser address bar shows the URL "https://mvs1.centers.ihost.com/zosmf/". The page has a blue header with the title "IBM z/OS Management Facility" and a "Log out" link. A left-hand navigation menu lists various sections: Welcome, Notifications, Workflows, Configuration, Links, Performance, Problem Determination, Software, z/OS Classic Interfaces, and z/OSMF Settings. The "Software" item is highlighted with a yellow callout bubble that contains the text "Expand Software". The main content area displays a "Welcome to IBM z/OS Management Facility" message, explaining that z/OSMF provides a framework for managing z/OS systems through a web browser interface. It includes links for "Learn More" (What's New, z/OSMF tasks at a glance, Getting started with z/OSMF) and a "Check browser and operating system" link at the bottom.

Step 1 ...



Step 2: Change the Software Management specific “Settings”

Before you change the Settings, you will attempt to view Products, Features, and FMIDs for all the “Master” software instances. You will need to change the settings to see all the data.

Step 2

IBM z/OS Management Facility

Welcome shara01

Log out IBM.

Welcome x Software Man... x

Help

Software Management

Use this task to view details about your software inventory, including related products, features, FMIDs, data sets, deployments, and SYSMODs. [Learn more...](#)

Software Instances	Define your software to z/OSMF; deploy software; generate reports about your software.
Products	View a consolidated list of the products included in each software instance.
Deployments	Deploy a software instance.
Categories	Create new categories for your software.
Settings	Select the time zone in which to display the data. Indicate whether to display or suppress information messages.

Click to collapse the navigation bar

The Software Management task, previously named the Deployment task, contains the software deployment functions along with additional software management functions. The Software Management task helps you streamline the software management process by providing a centralized location that you can use to manage your z/OS software.

Step 2 ...

Click on Software Instances

IBM z/OS Management Facility vwelcome sharaU1

Welcome x Software Man... x

Software Management

Use this task to view details about your software inventory, including related products, features, FMIDs, data sets, deployments, and SYSMODs. [Learn more...](#)

Software Instances	Define your software to z/OSMF; deploy software; generate reports about your software.
Products	View a consolidated list of the products included in each software instance.
Deployments	Deploy a software instance, and manage existing deployments.
Categories	Create new categories for your software instances and deployments, and manage existing categories.
Settings	Select the time zone in which to display date and time data. Indicate whether to display or suppress information messages.

You will see a list of software instances already defined

IBM z/OS Management Center

Welcome x Software Man... x

Software Management > Software Instances

Software Instances

☒ Actions

Name Filter	System Filter	Messages Filter	Description Filter	Categories
<input type="checkbox"/> MASTER_SMPEV3.6_WITH_PTF...	LOCAL		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product with PTFs.	ZOSMF.SWDEPLOY.GLOBAL.CSI TSMP36P
<input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_	LOCAL		Source Software Instance for the z/OSMF Software Management Lab. This instance contains the SMP/E V3.6 product without any PTFs.	
<input type="checkbox"/> MASTER_ZOSV1.12	LOCAL		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains z/OS V1R12 at RSU1105.	
<input type="checkbox"/> DEMO_SMPEV3.6_WITH_PTF...	LOCAL	IZUD809I	Completed demo software instance, of SMP/E V3.6 with PTFs.	ZOSMF.SWDEPLOY.GLOBAL.CSI TSMP36N
<input type="checkbox"/> MASTER_zOS_R13_wOther_Pro	LOCAL		z/OS V1.13 with over 20 other products to be used during the z/OSMF Software Management Lab.	

Total: 5, Selected: 0

Last refresh: Jan 28, 2014 2:26:15 PM

Source Software Instance for Software Deployment Lab

Other Software Instance used to check dependencies in the Software Deployment Lab

“Extra” Software Instance

Software Instance created for the Software Management Lab

For this lab, you will focus on the Software Instances whose names begin with “MASTER”

Click on Filter under Name

IBM z/OS Management Center

Welcome x Software Man... x

Software Management > Software Instances

Software Instances

Actions

Name Filter	System Filter	Messages Filter	Description Filter	Activity	Global Zone CSI Filter	Target Zones	Categories
<input type="checkbox"/> MASTER_SMPEV3.6_WITH_PTFs	LOCAL		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product with PTFs.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TSMP36P	
<input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFs	LOCAL		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product without any PTFs.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TSMP36	
<input type="checkbox"/> MASTER_ZOSV1.12	LOCAL		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains z/OS V1R12 at RSU1105.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TGTZ12	
<input type="checkbox"/> DEMO_SMPEV3.6_WITH_PTFs	LOCAL	IZUD809I	Completed demo software instance, of SMP/E V3.6 with PTFs.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TSMP36N	
<input type="checkbox"/> MASTER_zOS_R13_w/Other_Products	LOCAL		z/OS V1.13 with over 20 other products to be used during the z/OSMF Software Management Lab		SMLAB01.GLOBAL.CSI	COB320T, DT910T, PLI410T, Z1130T	

Total: 5, Selected: 0

[Refresh](#) Last refresh: Jan 28, 2014 2:26:15 PM

[Close](#)

Step 2 ...



IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Software Instances

Software Instances

Actions

Name Filter	System Filter	Messages Filter	Description Filter	Activity	CSI	Target Zones	Categories
<input type="checkbox"/> MASTER_SMPEV3.6_WITH_PTF	LOCAL		Source Software Insta... the z/OSMF Software Deployment Lab. Thi... contains the SMP/E V... product with PTFs.				
<input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTF	LOCAL		Source Software Insta... the z/OSMF Software Deployment Lab. Thi... contains the SMP/E V... product without any P...				
<input type="checkbox"/> MASTER_ZOSV1.12	LOCAL		Source Software Insta... the z/OSMF Software Deployment Lab. Thi... contains z/OS V1R12... RSU1105.				
<input type="checkbox"/> DEMO_SMPEV3.6_WITH_PTF	LOCAL	IZUD809I	Completed demo soft... Instance, of SMP/E V... PTFs.				
<input type="checkbox"/> MASTER_zOS_R13_w/Other_Pro	LOCAL		z/OS V1.13 with over... products to be used... z/OSMF Software Ma... Lab				

Total: 5, Selected: 0

Refresh Last refresh: Jan 28, 2014 2:26:15 PM

Close

Enter "Master" to only display the *MASTER* software instances
Note: It is not case sensitive

Then click OK

Modify Filters

Match: All filters Match case

Columns: Filters

- Name
- System
- Messages
- Description
- Global Zone CSI
- Product, Feature, and FMID Informati...
- Last Modified (Local)
- Modified By
- Created (Local)
- Created By

Condition: Contains Text: MASTER

OK Cancel Help

Only the software instances that contain "MASTER" are now displayed

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances

Software Instances

Actions Match: All filters

Click Actions, then Select All

Name	Messages	Description	Global Zone CSI	Target Zones	Categories
MA...		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product with PTFs.	ZOSMF.SWDEPLOY.GLOBAL.CSI	TSM36P	
MA...		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product without any PTFs.	ZOSMF.SWDEPLOY.GLOBAL.CSI	TSM36	
MA...		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains z/OS V1R12 at RSU1105.	ZOSMF.SWDEPLOY.GLOBAL.CSI	TGTZ12	
MA...		z/OS V1.13 with over 20 other products to be used during the z/OSMF Software Management Lab	SMLAB01.GLOBAL.CSI	COB320T, DT910T, PLI410T, Z1130T	

Total: 4, Filtered: 4, Selected: 0

Refresh Last refresh: Jan 28, 2014 2:34:36 PM

Close

All the software instances are now selected

Click Actions, then View, then Products, Features, and FMIDs

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances

Software Instances

Actions Match: All filters

- View
 - Properties
 - Products, Features, and FMIDs
 - Data Sets
- Modify
- Open Deployments
- Copy...
- Remove...
- Retrieve Product, Feature, and FMID Information
- Maintenance Reports
- Add...
- Show Hidden Maintenance Reports
- Select All
- Deselect All
- Configure Columns...
- Modify Filters...
- Hide Filter Row
- Clear Filters
- Modify Sort...
- Clear Sorts

Activity	Global Zone CSI Filter	Target Zones	Categories
Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product with PTFs.	ZOSMF.SWDEPLOY.GLOBAL.CSI	TSM36P	
Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product without any PTFs.	ZOSMF.SWDEPLOY.GLOBAL.CSI	TSM36	
Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains z/OS V1R12 at RSU1105.	ZOSMF.SWDEPLOY.GLOBAL.CSI	TGTZ12	
z/OS V1.13 with over 20 other products to be used during the z/OSMF Software Management Lab	SMLAB01.GLOBAL.CSI	COB320T, DT910T, PLI410T, Z1130T	

Total: 4, Filtered: 4, Selected: 4

Refresh Last refresh: Jan 28, 2014 2:34:36 PM

Close

Message IZUD230W is generated stating that the display will exceed 750 rows. You will change the Settings to allow more rows to be displayed.

2. After reviewing the message, click Software Management 'bread crumb'

1. Optionally, you can click on the message to get more details

IBM z/OS Management Facility

Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > View Products, Features, and FMIDs

View Products, Features, and FMIDs

▼ Messages 0 1 0

IZUD230W: One or more of the selected software instances are not displayed. Increase the number of rows that can be displayed in the table.

Products, Features, and FMIDs by Software Instance

☒ Actions Table view: Table

Software Instance / Product / Feature Filter	System Filter	Messages Filter	Product, Feature, and FMID Information Retrieved (Local) Filter	Release Filter	Product ID Filter	Vendor Filter	General Av Filter
<input type="checkbox"/> MASTER_SMPEV3.6_WITH_PTFS	LOCAL		Oct 23, 2013 4:52:04 PM				
<input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL		Aug 10, 2013 7:28:52 PM				

Total: 12, Selected: 0

Refresh Last refresh: Jan 28, 2014 2:40:23 PM

Close

Step 2 ...

Click on Settings



IBM z/OS Management Facility

Welcome shara01

Welcome x Software Man... x

Software Management

Use this task to view details about your software inventory, including related products, features, FMIDs, data sets, deployments, and SYSMODs. [Learn more...](#)

Software Instances	Manage your software to z/OSMF; deploy software; generate reports about your software.
Products	View a consolidated list of the products included in each software instance.
Deployments	Deploy a software instance, and manage existing deployments.
Categories	Create new categories for your software instances and deployments, and manage existing categories.
Settings	Select the time zone in which to display date and time data. Indicate whether to display or suppress information messages.

Step 2 ...



IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Settings

Settings

Select the time zone to use for date and time data:

☐ Greenwich Mean Time (GMT)

☒ Local (Eastern Standard Time)

Display information messages that notify you that an object was added, modified, or removed:

☐ Yes

☒ No

* Maximum number of rows to display in tables with data about software instances:

9999

OK Cancel

Change the maximum number of rows to display to 9999, and then click OK

Step 3a: View the “Master” Software Instances’ Products, Features, and FMIDs

You will now view ALL the “Master” software instances’ Product, Feature, and FMIDs

Step 3a



Click on Software Instances (again)

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management

Use this task to view details about your software inventory, including related products, features, FMIDs, data sets, deployments, and SYSMODs. [Learn more...](#)

Software Instances	Define your software to z/OSMF; deploy software; generate reports about your software.
Products	View a consolidated list of the products included in each software instance.
Deployments	Deploy a software instance, and manage existing deployments.
Categories	Create new categories for your software instances and deployments, and manage existing categories.
Settings	Select the time zone in which to display date and time data. Indicate whether to display or suppress information messages.

Notice that the Name Filter is still set and that ONLY Software Instances that contain “Master” are displayed.

IBM z/OS Management Center

Welcome x Software Man... x

Software Management > Software Instances

Software Instances

☒ ☐ Actions ▼ Match: All filters

Name Contains "MASTER"	System Filter	Messages Filter	Description Filter	Activity	Global Zone CSI Filter	Target Zones	Categories
<input type="checkbox"/> MASTER_SMPEV3.6_WITH_PTFs	LOCAL		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product with PTFs.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TSMP36P	
<input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFs	LOCAL		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product without any PTFs.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TSMP36	
<input type="checkbox"/> MASTER_ZOSV1.12	LOCAL		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains z/OS V1R12 at RSU1105.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TGTZ12	
<input type="checkbox"/> MASTER_zOS_R13_w/Other_Products	LOCAL		z/OS V1.13 with over 20 other products to be used during the z/OSMF Software Management Lab		SMLAB01.GLOBAL.CSI	COB320T, DT910T, PLI410T, Z1130T	

Total: 4, Filtered: 4, Selected: 0

Last refresh: Jan 28, 2014 2:55:10 PM

You are going to display Products, Features, and FMIDs for all Software Instances that contain “Master” (again).

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances

Software Instances

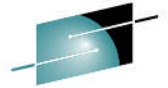
☒ Actions ▾ Match: All filters

	View	Messages	Activity	Global Zone CSI Filter	Target Zones	Categories
<input type="checkbox"/> MA	Modify Open Deployments Copy... Remove... Retrieve Product, Feature, and FMID Information Maintenance Reports		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product with PTFs.	ZOSMF.SWDEPLOY.GLOBAL.CSI	TSM36P	
<input type="checkbox"/> MA	Add... Show Hidden Maintenance Reports		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product without any PTFs.	ZOSMF.SWDEPLOY.GLOBAL.CSI	TSM36	
<input type="checkbox"/> MA	Select All Deselect All Configure Columns... Modify Filters... Hide Filter Row Clear Filters Modify Sort... Clear Sorts		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains z/OS V1R12 at RSU1105.	ZOSMF.SWDEPLOY.GLOBAL.CSI	TGTZ12	
<input type="checkbox"/> MA			z/OS V1.13 with over 20 other products to be used during the z/OSMF Software Management Lab	SMLAB01.GLOBAL.CSI	COB320T, DT910T, PLI410T, Z1130T	

Total: 4, Filtered: 4, Selected: 0

Last refresh: Jan 28, 2014 2:34:36 PM

Step 3a ...



Click Actions, then View, then Products, Features, and FMIDs (again)

IBM z/OS Management Facility

Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances

Software Instances

Actions Match: All filters

View Properties
Modify Products, Features, and FMIDs
Open Deployments Data Sets
Copy...
Remove

Activity	Global Zone CSI Filter	Target Zones	Categories
Source Software Instance for	ZOSMF.SWDEPLOY.GLOBAL.CSI	TSM36P	

The View Products, Features, and FMIDs Action will produce similar information to the SMP/E Planning Migration Assistant Products Applied report, or SMP/E List commands. However, this action:

- Will display additional information, not available through batch SMP/E
- Can be performed against multiple software instances at the same time
- Can be performed against software instances throughout your enterprise
- Will enable you to:
 - Sort and filter the results to hone in on what you are looking for
 - Click on a link to find additional information on the product
 - Perform “drill down” actions on selected objects

You can use this information to identify which products need to be ordered for a future upgrade, to determine if you have the prerequisites installed for a specific function, and to provide evidence of what is installed to an auditor, procurement team, or operations staff.

This time all the software instances can be viewed.
No more message IZUD230W.

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > View Products, Features, and FMIDs

View Products, Features, and FMIDs

Products, Features, and FMIDs by Software Instance

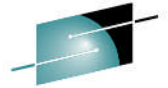
☒ ☐ Actions ▾ Table view: Tree

Software Instance / Product / Feature / FMID Filter	System Filter	Messages Filter	Product, Feature, and FMID Information Retrieved (Local) Filter	Release Filter	Product ID Filter	Vendor Filter	General Av Filter
<input type="checkbox"/> + MASTER_SMPEV3.6_WITH_PTFS	LOCAL		Oct 23, 2013 4:52:04 PM				
<input type="checkbox"/> + MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL		Aug 10, 2013 7:28:52 PM				
<input type="checkbox"/> + MASTER_ZOSV1.12	LOCAL		Aug 12, 2013 3:56:18 PM				
<input type="checkbox"/> + MASTER_zOS_R13_w/Other_Product	LOCAL		Oct 23, 2013 4:41:01 PM				

Total: 1784, Selected: 0

Last refresh: Jan 28, 2014 3:00:33 PM

Step 3a ...



IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > View Products, Features, and FMIDs

View Products, Features, and FMIDs

Products, Features, and FMIDs by Software Instance

☒ Actions Table view: Tree

- View
 - Retrieve Product, Feature, and FMID Information
 - Maintenance Reports
 - Expand
 - Collapse
- Show Hidden Maintenance Reports
- Retrieve End of Service Information...
- ☒ Select All
- ☐ Deselect All
- Configure Columns...
- Modify Filters...
- Hide Filter Row
- Clear Filters
- Modify Sort...
- Clear Sorts
- Export Table Data
- Print Table Data
- Expand All**
- Collapse All
- Switch to Non-Tree View

Messages Filter	Product, Feature, and FMID Information Retrieved (Local) Filter	Release Filter	Product ID Filter	Vendor Filter	General Av Filter
	Oct 23, 2013 4:52:04 PM				
	Aug 10, 2013 7:28:52 PM				
	Aug 12, 2013 3:56:18 PM				
	Oct 23, 2013 4:41:01 PM				

Total: 1784, Selected: 0

Last refresh: Jan 28, 2014 3:00:33 PM

Click Actions, then Expand All

The products, features and FMIDs are listed in a tree table

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > View Products, Features, and FMIDs

View Products, Features, and FMIDs

Products, Features, and FMIDs by Software Instance

☒ ☐ Actions ▼ Table view: Tree

Software Instance / Product / Feature / FMID Filter	System Filter	Messages Filter	Product, Feature, and FMID Information Retrieved (Local) Filter	Release Filter	Product ID Filter	Vendor Filter	General Availability Filter
<input type="checkbox"/> MASTER_SMPEV3.6_WITH_PTFS	LOCAL		Oct 23, 2013 4:52:04 PM				
<input type="checkbox"/> System Modification Program Extended for z/OS				03.06.00	5655-G44	IBM	Sep 30, 2011
<input type="checkbox"/> SMP/E V3 Base							
<input type="checkbox"/> HBCNC00							
<input type="checkbox"/> HBCND0B							
<input type="checkbox"/> HMP1J00							
<input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL		Aug 10, 2013 7:28:52 PM				
<input type="checkbox"/> System Modification Program Extended for z/OS				03.06.00	5655-G44	IBM	Sep 30, 2011
<input type="checkbox"/> SMP/E V3 Base							
<input type="checkbox"/> HBCNC00							
<input type="checkbox"/> HBCND0B							
<input type="checkbox"/> HMP1J00							
<input type="checkbox"/> MASTER_ZOSV1.12	LOCAL		Aug 12, 2013 3:56:18 PM				

Total: 1784, Selected: 0

Last refresh: Jan 28, 2014 3:00:33 PM

You can scroll right

The General Availability date, End of Service dates, and Additional Product Information are not available in batch SMP/E reports

Welcome x Software Man... x

Software Management > Software Instances > View Products, Features, and FMIDs

View Products, Features, and FMIDs

Products, Features, and FMIDs by Software Instance

☒ ☐ Actions Table view: Tree

Software Instance / Product / Feature / FMID Filter	System Filter	General Availability Filter	End of Service Filter	Additional Product Information Filter	Product Info File Version Filter
<input type="checkbox"/> MASTER_SMPEV3.6_WITH_PTFS	LOCAL				
<input type="checkbox"/> System Modification Program Extended for z/OS		Sep 30, 2011	<input checked="" type="checkbox"/> Not Announced	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-G44	Oct 17, 2013
<input type="checkbox"/> SMP/E V3 Base					
<input type="checkbox"/> HBCNC00					
<input type="checkbox"/> HBCND0B					
<input type="checkbox"/> HMP1J00					
<input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL				
<input type="checkbox"/> System Modification Program Extended for z/OS		Sep 30, 2011	<input checked="" type="checkbox"/> Not Announced	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-G44	Oct 17, 2013
<input type="checkbox"/> SMP/E V3 Base					
<input type="checkbox"/> HBCNC00					
<input type="checkbox"/> HBCND0B					
<input type="checkbox"/> HMP1J00					
<input type="checkbox"/> MASTER_ZOSV1.12	LOCAL				

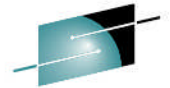
Total: 1784, Selected: 0

Last refresh: Jan 28, 2014 3:00:33 PM

Note: Additional columns are displayed but not shown in the handout. If they don't appear, then optionally you can scroll right again.

Step 3b: View the “Master” Software Instances’ Additional Product Information

Step 3b



IBM z/OS Management Facility

Welcome shara01

Welcome x Software Man... x

Software Management

Software Instances

View Products, Features, and FMIDs

View Products, Features, and FMIDs

Products, Features, and FMIDs by Software Instance

☒ Actions

Table view: Tree

Software Instance / Product / Feature / FMID Filter	System Filter	General Availability Filter	End of Service Filter	Additional Product Information Filter	Product Info File Version Filter
<input type="checkbox"/> MASTER_SMPEV3.6_WITH_PTFS <div> <input type="checkbox"/> System Modification Program Extended for z/OS <div> <input type="checkbox"/> SMP/E V3 Base <div> <input type="checkbox"/> HBCNC00 <div> <input type="checkbox"/> HBCND0B <div> <input type="checkbox"/> HMP1J00 <div> <input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFS <div> <input type="checkbox"/> System Modification Program Extended for z/OS <div> <input type="checkbox"/> SMP/E V3 Base <div> <input type="checkbox"/> HBCNC00 <div> <input type="checkbox"/> HBCND0B <div> <input type="checkbox"/> HMP1J00 <div> <input type="checkbox"/> MASTER_ZOSV1.12 <div> <input type="checkbox"/> </div> </div> </div> </div> </div> </div> </div> </div> </div> </div> </div> </div> </div> <div> <div>LOCAL</div> <div>Sep 30, 2011</div> <div> <input checked="" type="checkbox"/> Not Announced </div> <div> http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-G44 </div> <div>Oct 17, 2013</div> </div>					

LOCAL

Sep 30, 2011

☒ Not Announced

<http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-G44>

Oct 17, 2013

Total: 1784, Selected: 0

Refresh


Last refresh: Jan 28, 2014 3:00:33 PM

Close

Click the Additional Product Information link and view the IBM Sales Manual description of the product in another tab of your browser session

The Additional Product Information link enables you to view the IBM Sales Manual description of the product in another tab of your browser session

Step 3b ...

 [Feedback](#)

5655-G44 IBM System Modification Program Extended (SMP/E) for z/OS V3.6

IBM United States Sales Manual
Revised: August 06, 2013.

- ↓ [Product Life Cycle Dates](#)
- ↓ [Program Number](#)
- ↓ [Abstract](#)
- ↓ [Product Positioning](#)
- ↓ [Highlights](#)
- ↓ [Description](#)
- ↓ [Technical Description](#)
- ↓ [Operating Environment](#)
- ↓ [Planning Information](#)
- ↓ [Security, Auditability, and Control](#)

Product Life Cycle Dates

Program Number	VRM	Announced	Available	Marketing Withdrawn	Service Discontinued
5655-G44	03.06.00	2011/07/12	2011/09/30	-	-
5655-G44	03.05.00	2008/08/05	2008/09/26	-	2014/09/30
5655-G44	03.04.00	2005/07/26	2005/09/30	2008/09/26	2010/09/30
5655-G44	03.03.00	2004/08/10	2004/09/24	2005/09/30	2007/09/30
5655-G44	03.02.00	2003/05/13	2003/05/30	2004/09/24	2007/09/30
5655-G44	03.01.00	2001/09/11	2001/10/26	2003/05/30	2007/03/31

[↑ Back to top](#)

Program Number

Step 3c: View the “Master” Software Instances’ Properties

You are going to perform actions against a single Software Instance, so click on the “breadcrumbs”

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > View Products, Features, and FMIDs

View Products, Features, and FMIDs

Products, Features, and FMIDs by Software Instance

☒ Actions Table view: Tree

Click on Software Instances

Software Instance / Product / Feature / FMID Filter	System Filter	General Availability Filter	End of Service Filter	Additional Product Information Filter	Product Info File Version Filter
<input type="checkbox"/> MASTER_SMPEV3.6_WITH_PTFS	LOCAL				
<input type="checkbox"/> System Modification Program Extended for z/OS		Sep 30, 2011	<input checked="" type="checkbox"/> Not Announced	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-G44	Oct 17, 2013
<input type="checkbox"/> SMP/E V3 Base					
<input type="checkbox"/> HBCNC00					
<input type="checkbox"/> HBCND0B					
<input type="checkbox"/> HMP1J00					
<input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL				
<input type="checkbox"/> System Modification Program Extended for z/OS		Sep 30, 2011	<input checked="" type="checkbox"/> Not Announced	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-G44	Oct 17, 2013
<input type="checkbox"/> SMP/E V3 Base					
<input type="checkbox"/> HBCNC00					
<input type="checkbox"/> HBCND0B					
<input type="checkbox"/> HMP1J00					
<input type="checkbox"/> MASTER_ZOSV1.12	LOCAL				

Total: 1784, Selected: 0

Last refresh: Jan 28, 2014 3:00:33 PM

Now select the "Master" software instance created for this lab.

Step 3c ...

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances

Software Instances

Actions Match: All filters

Name Contains "MASTER"	System Filter	Messages Filter	Description Filter	Activity	Global Zone CSI Filter	Target Zones	Categories
<input type="checkbox"/> MASTER_SMPEV3.6_WITH_PTFs	LOCAL		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product with PTFs.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TSMP36P	
<input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFs	LOCAL		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product without any PTFs.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TSMP36	
<input type="checkbox"/> MASTER_ZOSV1.12	LOCAL		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains z/OS V1R12 at RSU1105.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TGTZ12	
<input type="checkbox"/> MASTER_zOS_R13_w/Other_Products	LOCAL		z/OS V1.13 with over 20 other products to be used during the z/OSMF Software Management Lab		SMLAB01.GLOBAL.CSI	COB320T, DT910T, PLI410T, Z1130T	

Total: 4, Filtered: 4, Selected: 0

Refresh Last refresh: Jan 28, 2014 2:55:10 PM

Close

1. Deselect all software instances
2. Select the MASTER_zOS_R13_w/Other_Product software instance

First you will view the properties.

Step 3c ...

Click Actions, then View, then Properties

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances

Software Instances

Actions Match: All filters

	View	Properties	Activity	Global Zone CSI	Target Zones	Categories
<input type="checkbox"/> MA	Modify	Products, Features, and FMIDs				
<input type="checkbox"/> MA	Open Deployments	Data Sets				
<input type="checkbox"/> MA	Copy...					
<input type="checkbox"/> MA	Remove...					
<input type="checkbox"/> MA	Retrieve Product, Feature, and FMID Information					
<input type="checkbox"/> MA	Maintenance Reports					
<input type="checkbox"/> MA	Add...					
<input type="checkbox"/> MA	Show Hidden Maintenance Reports					
<input checked="" type="checkbox"/> MA	Select All					
<input type="checkbox"/> MA	Deselect All					
<input type="checkbox"/> MA	Configure Columns...					
<input type="checkbox"/> MA	Modify Filters...					
<input type="checkbox"/> MA	Hide Filter Row					
<input type="checkbox"/> MA	Clear Filters					
<input type="checkbox"/> MA	Modify Sort...					
<input type="checkbox"/> MA	Clear Sorts					

Total: 4, Filtered: 4, Selected: 1

Refresh Last refresh: Jan 28, 2014 2:55:10 PM

Close

Multiple tabs are available to view details of this specific software instance. You can see the description, what SMP/E zones are defined, as well as any non-SMP/E managed data sets

Software Management > Software Instances > View MASTER_zOS_R13_w/Other_Product

General | SMP/E Zones | Non-SMP/E Managed Data Sets

Name:
MASTER_zOS_R13_w/Other_Product

Description: (maximum 256 characters, currently 91 characters)
z/OS V1.13 with over 20 other products to be used during the z/OSMF Software Management Lab

Categories:
There is no data to display.

Action Summary

Action	Date and Time (Local)	User
Modified	Jan 9, 2013 5:39:53 PM	GDAYNES
Created	Jan 7, 2013 1:51:35 PM	GDAYNES
Locked		

Close

After reviewing the General information, click the SMP/E zones tab.

The SMP/E Zones tab shows a list of GLOBAL zone CSI data sets and which is used for this software instance, as well as what SMP/E target zones are defined.

Optionally click the Non-SMP/E Managed Data Sets tab.

Global Zones								
	CSI Data Set	System	Description	Activity	Last Modified (Local)	Modified By	Locked (Local)	Locked
<input type="radio"/>	ZOSMF.SWDEPLOY.GLOBAL.CSI	LOCAL	Master GLOBAL CSI for Software Deployment Lab		Jan 5, 2012 10:32:12 AM	MFUSR01		
<input checked="" type="radio"/>	SMLAB01.GLOBAL.CSI	LOCAL	Global zone data set fro the z/OSMF Software Management Lab		Jan 2, 2013 10:34:49 AM	MFUSR01		

Total: 2, Selected: 1

Target Zones:

COB320T
DT910T
PLI410T
Z1130T

After reviewing the SMP/E zone information, click Close

Close

You are brought back to the list of “Master” software instances, with the MASTER_zOS_R13_w/Other_Product still selected

IBM z/OS Management Center

Welcome x Software Man... x

Software Management > Software Instances

Software Instances

☒ ☐ Actions ▼ Match: All filters

Name Contains "MASTER"	System Filter	Messages Filter	Description Filter	Activity	Global Zone CSI Filter	Target Zones	Categories
<input type="checkbox"/> MASTER_SMPEV3.6_WITH_PTFs	LOCAL		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product with PTFs.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TSMP36P	
<input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFs	LOCAL		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product without any PTFs.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TSMP36	
<input type="checkbox"/> MASTER_ZOSV1.12	LOCAL		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains z/OS V1R12 at RSU1105.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TGTZ12	
<input checked="" type="checkbox"/> MASTER_zOS_R13_w/Other_Product	LOCAL		z/OS V1.13 with over 20 other products to be used during the z/OSMF Software Management Lab		SMLAB01.GLOBAL.CSI	COB320T, DT910T, PLI410T, Z1130T	

Total: 4, Filtered: 4, Selected: 1

Last refresh: Jan 29, 2014 10:58:25 AM

Step 3d: View the “Master” Software Instances’ Data Sets

Now you will view Products, Features, and FMIDs just for this instance so that you can see how to drill down deeper in the tables

Click Actions, then View, then Products, Features, and FMIDs

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Software Instances

Software Instances

☒ ☐ Actions ▾ Match: All filters

	View	Properties	Activity	Global Zone CSI	Target Zones	Categories
<input type="checkbox"/> MA	<ul style="list-style-type: none"> View Modify Open Deployments Copy... Remove... Retrieve Product, Feature, and FMID Information Maintenance Reports Add... Show Hidden Maintenance Reports <input checked="" type="checkbox"/> Select All <input type="checkbox"/> Deselect All Configure Columns... Modify Filters... Hide Filter Row Clear Filters Modify Sort... Clear Sorts 	<ul style="list-style-type: none"> Properties Products, Features, and FMIDs Data Sets 		ZOSMF.SWDEPLOY.GLOBAL.CSI	TSM36P	
<input type="checkbox"/> MA		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product with PTFs.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TSM36	
<input type="checkbox"/> MA		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product without any PTFs.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TGTZ12	
<input checked="" type="checkbox"/> MA		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains z/OS V1R12 at RSU1105.		SMLAB01.GLOBAL.CSI	COB320T, DT910T, PLI410T, Z1130T	
		z/OS V1.13 with over 20 other products to be used during the z/OSMF Software Management Lab				

Total: 4, Filtered: 4, Selected: 1

Refresh Last refresh: Jan 29, 2014 6:46:55 PM

Close

Next you will view data sets from viewing Products, Features, and FMIDs

Step 3d ...

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > View Products, Features, and FMIDs

View Products, Features, and FMIDs

Products, Features, and FMIDs by Software Instance

☒ ☐ Actions ▼ Table view: Tree

Software Instance / Product / Feature / FMID Filter	System Filter	Messages Filter	Product, Feature, and FMID Information Retrieved (Local) Filter	Release Filter	Product ID Filter	Vendor Filter	General Av Filter
<input type="checkbox"/> + MASTER_zOS_R13_w/Other_Product	LOCAL		Oct 23, 2013 4:41:01 PM				

Total: 286, Selected: 0

Last refresh: Jan 28, 2014 4:43:24 PM

Optionally, you can click to expand the display and see the Product, Feature and FMID information for this software instance (or click Actions, then Expand All)

A diagram illustrating the principle of a lens. A light ray enters from the left, passes through a lens, and is focused onto a sensor on the right. The sensor is represented by a small rectangle.

1. Select the one software instance
MASTER_zOS_R13_w/Other_Product
2. Then click on Actions, View and then Data Sets

Software Management dynamically analyzes the GLOBAL, target and distribution zones to determine the list of data sets that make up the software instance. The list is limited to those data sets (DDDEFs) that can possibly be updated using SMP/E commands and any non-SMP/E managed data sets that were defined.

The screenshot displays the 'Software Management' application interface. At the top, there's a 'Welcome' tab and a 'Software Management' tab. Below the tabs, the main heading is 'View Products, Features, and FMIDs'. Underneath, it says 'Products, Features, and FMIDs by Software Instance'. There's a 'Filter' button and a 'Table view: Tree' option. The table has several columns: 'Software Instance / Product / Feature / FMID', 'System', 'Messages', 'Product, Feature, and FMID Information Retrieved (Local)', 'Release', 'Product ID', 'Vendor', 'General Availability', and 'End of Sen'. A single row is visible with the value 'MASTER_zOS_R13_w/Other_Product' under the first column and 'LOCAL' under the second column. A pop-up window is overlaid on the table, showing a progress bar at 35% and a 'Cancel' button. The text in the pop-up says: 'Retrieving information about the data sets included in the selected software instance. This request might take several minutes to complete.'

Pop-up window with a progress indicator to alert you that this might take a few minutes, and allow you to cancel

Data sets are displayed in ISPF Data Set List (3.4) like format showing the data sets and its attributes.

IBM z/OS Management Facility
Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > View Products, Features, and FMIDs > View Data Sets

View Data Sets

Selected software instance: MASTER_zOS_R13_w/Other_Product on system LOCAL

SMP/E Managed Data Sets
Non-SMP/E Managed Data Sets

Actions

Data Set Name Filter	Messages Filter	Zone Names Filter	Volumes Filter	Data Set Type Filter	RECFM Filter	LRECL Filter	BLKSIZE Filter	Tracks Filter	% Used Filter	Extents Filter
ABJ.H09F210.AABJCLST		Z1130D	SHAR02	PDS	FB	80	27920	7	100	1
ABJ.H09F210.AABJLCP		Z1130D	SHAR02	PDS	FB	80	27920	57	100	1
ABJ.H09F210.AABJMLIB		Z1130D	SHAR02	PDS	FB	80	27920	1	100	1
ABJ.H09F210.AABJMOD1		Z1130D	SHAR02	PDS	U		32760	13	100	1
ABJ.H09F210.AABJPLIB		Z1130D	SHAR02	PDS	FB	80	27920	11	100	1
ABJ.H09F210.AABJSAM1		Z1130D	SHAR02	PDS	FB	80	27920	10	100	1
ABJ.H09F210.AABJSAM2		Z1130D	SHAR02	PDS	VB	1028	27998	32	100	1
ABJ.H09F210.AABJSLIB		Z1130D	SHAR02	PDS	FB	80	27920	3	100	1
ABJ.H09F210.AABJTLIB		Z1130D	SHAR02	PDS	FB	80	27920	1	100	1
ABJ.H09F210.SABJCLST		Z1130T	SHAR01	PDS	FB	80	27920	7	100	1
ABJ.H09F210.SABJLCP		Z1130T	SHAR01	PDS	FB	80	27920	57	100	1
ABJ.H09F210.SABJMLIB		Z1130T	SHAR01	PDS	FB	80	27920	1	100	1
ABJ.H09F210.SABJMOD1		Z1130T	SHAR01	PDS	U		32760	17	100	1
ABJ.H09F210.SABJPLIB		Z1130T	SHAR01	PDS	FB	80	27920	11	100	1
ABJ.H09F210.SABJSAM1		Z1130T	SHAR01	PDS	FB	80	27920	10	100	1
ABJ.H09F210.SABJSAM2		Z1130T	SHAR01	PDS	VB	1028	27998	32	100	1
ABJ.H09F210.SABJSLIB		Z1130T	SHAR01	PDS	FB	80	27920	3	100	1
ABJ.H09F210.SABJTLIB		Z1130T	SHAR01	PDS	FB	80	27920	1	100	1
AOP.AAOPEXEC		Z1130D	SHAR02	PDS	FB	80	27920	2	100	1

Total: 1173

Close

After reviewing click the Non-SMP/E Managed Data Sets tab.

You can use filters to identify conforming/non-conforming: data set names, data set placement, possibly based on data set type, data sets with more than one extent, etc. In the lab you will identify data sets with more than one extent.

Information about the non-SMP/E managed data sets is also dynamically retrieved and displayed.

After reviewing click the SMP/E Managed Data Sets tab so you can filter the list.

IBM z/OS Management Facility

Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > View Products, Features, and

View Data Sets

Selected software instance: MASTER_ZOS_R13

SMP/E Managed Data Sets Non-SMP/E Managed Data Sets

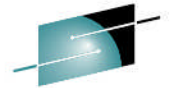
Actions ▾

Data Set Name Filter	Messages Filter	Volumes Filter	Data Set Type Filter	RECFM Filter	LRECL Filter	BLKSIZE Filter	Tracks Filter	% Used Filter	Extents Filter
SYS1.PARMLIB		SHAR03	PDS	FB	80	27920	1	100	1
SYS1.PROCLIB		SHAR03	PDS	FB	80	27920	1	100	1

Total: 2

Close

Step 3d ...



Click on the filter in the Extents column

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > View Products, Features, and Instances

View Data Sets

Selected software instance: MASTER_zOS_R13_w/Other_Product on system LOCAL

SMP/E Managed Data Sets Non-SMP/E Managed Data Sets

Actions ▾

Data Set Name Filter	Messages Filter	Zone Names Filter	Volumes Filter	Data Set Type Filter	RECFM Filter	LRECL Filter	BLKSIZE Filter	Tracks Filter	% Used Filter	Extents Filter
ABJ.H09F210.AABJCLST		Z1130D	SHAR02	PDS	FB	80	27920	7	100	1
ABJ.H09F210.AABJLCP		Z1130D	SHAR02	PDS	FB	80	27920	57	100	1
ABJ.H09F210.AABJMLIB		Z1130D	SHAR02	PDS	FB	80	27920	1	100	1
ABJ.H09F210.AABJMOD1		Z1130D	SHAR02	PDS	U		32760	13	100	1
ABJ.H09F210.AABJPLIB		Z1130D	SHAR02	PDS	FB	80	27920	11	100	1
ABJ.H09F210.AABJSAM1		Z1130D	SHAR02	PDS	FB	80	27920	10	100	1
ABJ.H09F210.AABJSAM2		Z1130D	SHAR02	PDS	VB	1028	27998	32	100	1
ABJ.H09F210.AABJSLIB		Z1130D	SHAR02	PDS	FB	80	27920	3	100	1
ABJ.H09F210.AABJTLIB		Z1130D	SHAR02	PDS	FB	80	27920	1	100	1
ABJ.H09F210.SABJCLST		Z1130T	SHAR01	PDS	FB	80	27920	7	100	1
ABJ.H09F210.SABJLCP		Z1130T	SHAR01	PDS	FB	80	27920	57	100	1
ABJ.H09F210.SABJMLIB		Z1130T	SHAR01	PDS	FB	80	27920	1	100	1
ABJ.H09F210.SABJMOD1		Z1130T	SHAR01	PDS	U		32760	17	100	1
ABJ.H09F210.SABJPLIB		Z1130T	SHAR01	PDS	FB	80	27920	11	100	1
ABJ.H09F210.SABJSAM1		Z1130T	SHAR01	PDS	FB	80	27920	10	100	1
ABJ.H09F210.SABJSAM2		Z1130T	SHAR01	PDS	VB	1028	27998	32	100	1
ABJ.H09F210.SABJSLIB		Z1130T	SHAR01	PDS	FB	80	27920	3	100	1
ABJ.H09F210.SABJTLIB		Z1130T	SHAR01	PDS	FB	80	27920	1	100	1
AOP.AAOPEXEC		Z1130D	SHAR02	PDS	FB	80	27920	2	100	1
Total: 1173										

Close

Step 3d ...



IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Software Instances >

View Data Sets

Selected software instance: MASTER_zOS_R13_w/Other_Product on

SMP/E Managed Data Sets Non-SMP/E Managed Data Sets

Actions ▼

Data Set Name Filter	Messages Filter	Zone Name Filter	Tracks Filter	% Used Filter	Extents Filter
ABJ.H09F210.AABJCLST		Z1130D	7	100	1
ABJ.H09F210.AABJLCP		Z1130D	57	100	1
ABJ.H09F210.AABJMLIB		Z1130D	1	100	1
ABJ.H09F210.AABJMOD1		Z1130D	13	100	1
ABJ.H09F210.AABJPLIB		Z1130D	11	100	1
ABJ.H09F210.AABJSAM1		Z1130D	10	100	1
ABJ.H09F210.AABJSAM2		Z1130D	32	100	1
ABJ.H09F210.AABJSLIB		Z1130D	3	100	1
ABJ.H09F210.AABJTLIB		Z1130D	1	100	1
ABJ.H09F210.SABJCLST		Z1130T	7	100	1
ABJ.H09F210.SABJLCP		Z1130T	57	100	1
ABJ.H09F210.SABJMLIB		Z1130T	1	100	1
ABJ.H09F210.SABJMOD1		Z1130T	17	100	1
ABJ.H09F210.SABJPLIB		Z1130T	11	100	1
ABJ.H09F210.SABJSAM1		Z1130T	10	100	1
ABJ.H09F210.SABJSAM2		Z1130T	32	100	1
ABJ.H09F210.SABJSLIB		Z1130T	3	100	1
ABJ.H09F210.SABJTLIB		Z1130T	1	100	1
AOP.AAOPEXEC		Z1130D	80	27920	2
Total: 1173					

Close

Change the condition to “Greater than” and Enter “1” for the “Value”

Then click OK

Modify Filters

Match: filters Match case

Columns: Filters

- Zone Names
- Volumes
- Data Set Type
- RECFM
- RECL
- BLKSIZE
- Tracks
- % Used
- Extents

Condition: Greater than Value: 1

OK Cancel Help

With the filter set, you can easily see the 10 (out of 1173) data sets that have secondary extents. You could further filter the Volumes column to identify those data sets with secondary extents that reside on the SYSRES.

Click on the filter in the Extents column

Software Management

View Data Sets

Selected software instance: MASTER_zOS_R13_w/Other_Product on system

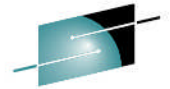
SMP/E Managed Data Sets Non-SMP/E Managed Data Sets

Actions ▾ Match: All filters										
Data Set Name Filter	Messages Filter	Zone Names Filter	Volumes Filter	Data Set Type Filter	RECFM Filter	LRECL Filter	BLKSIZE Filter	Tracks Filter	% DS Filter	Extents Greater than 1
CEE.SCEERUN2		Z1130T	SHAR01	PDSE	U		32760	23877	90	2
SMLAB01.SMPPTS		COB320D, COB320T, DT910D, DT910T, GLOBAL, PLI410D, PLI410T, Z1130D, Z1130T	SHAR02	PDSE	FB	80	32720	71902	63	2
SYS1.AIEALNKE		Z1130D	SHAR03	PDSE	U		32760	2974	90	2
SYS1.ANFSLIBE		Z1130D	SHAR03	PDSE	U		32760	254	90	2
SYS1.SHASLNKE		Z1130T	SHAR01	PDSE	U		32760	94	89	2
SYS1.SIEALNKE		Z1130T	SHAR01	PDSE	U		32760	3135	90	2
SYS1.SIEAMIGE		Z1130T	SHAR01	PDSE	U		32760	4	72	2
TCPIPAEZAMODS		Z1130D	SHAR03	PDSE	U		32760	3364	90	2
TCPIPSEZALOAD		Z1130T	SHAR01	PDSE	U		32760	2740	90	2
TIVOLI.TKANMODP		Z1130T	SHAR01	PDSE	U		32760	277	89	2

Total: 1173, Filtered: 10

Close

Step 3d ...



IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > View Products, Features, and FMIDs > View Data Sets

View Data Sets

Selected software instance: MASTER_zOS_R13_w/Other_Product on system LOCAL

SMP/E Managed Data Sets Non-SMP/E Managed Data Sets

Actions ▾ | Match: All filters

Data Set Name Filter	Messages Filter	Zone Names Filter	Volumes Filter	Tracks Filter	% Used Filter	Extents Greater than 1
CEE.SCEERUN2		Z1130T	SHAR01	23877	90	2
SMLAB01.SMPPTS		COB320D, COB320T, DT910D, DT910T, GLOBAL, PLI410D, PLI410T, Z1130D, Z1130T	SHAR02	71902	63	2
SYS1.AIEALNKE		Z1130D	SHAR03	2974	90	2
SYS1.ANFSLIBE		Z1130D	SHAR03	254	90	2
SYS1.SHASLNKE		Z1130T	SHAR01	94	89	2
SYS1.SIEALNKE		Z1130T	SHAR01	3135	90	2
SYS1.SIEAMIGE		Z1130T	SHAR01	4	72	2
TCPIPAEZAMODS		Z1130D	SHAR03	3364	90	2
TCPIP.SEZALOAD		Z1130T	SHAR01	2740	90	2
TIVOLI.TKANMODP		Z1130T	SHAR01	277	89	2

Total: 1173, Filtered: 10

[Close](#)

Modify Filters

Match: All filters ☐ Match case

Columns: Filters

- Zone Names
- Volumes
- Data Set Type
- RECFM
- LRECL
- BLKSIZE
- Tracks
- % Used
- ▾ Extents: Greater than 1 [Clear](#)

Condition: Greater than Value:

[OK](#)
[Clear Filters](#)
[Cancel](#)
[Help](#)

Click on "Clear Filters"

You are back to the original list of data sets. You will now use filtering to verify that all ZFS file systems are on volume SHAR04.

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management ▸ Software Instances ▸ View Products, Features, and FMIDs ▸ View Data Sets

View Data Sets

Selected software instance: MASTER_zOS

Click on the filter in the Data Set Type column

SMP/E Managed Data Sets ☐ Non-SMP/E Managed Data Sets ☐

Actions ▾

Data Set Name Filter	Messages Filter	Zone Names Filter	Volumes Filter	Data Set Type Filter	RECFM Filter	LRECL Filter	BLKSIZE Filter	Tracks Filter	% Used Filter	Extents Filter
ABJ.H09F210.AABJCLST		Z1130D	SHAR02	PDS	FB	80	27920	7	100	1
ABJ.H09F210.AABJLCP		Z1130D	SHAR02	PDS	FB	80	27920	57	100	1
ABJ.H09F210.AABJMLIB		Z1130D	SHAR02	PDS	FB	80	27920	1	100	1
ABJ.H09F210.AABJMOD1		Z1130D	SHAR02	PDS	U		32760	13	100	1
ABJ.H09F210.AABJPLIB		Z1130D	SHAR02	PDS	FB	80	27920	11	100	1
ABJ.H09F210.AABJSAM1		Z1130D	SHAR02	PDS	FB	80	27920	10	100	1
ABJ.H09F210.AABJSAM2		Z1130D	SHAR02	PDS	VB	1028	27998	32	100	1
ABJ.H09F210.AABJSLIB		Z1130D	SHAR02	PDS	FB	80	27920	3	100	1
ABJ.H09F210.AABJTLIB		Z1130D	SHAR02	PDS	FB	80	27920	1	100	1
ABJ.H09F210.SABJCLST		Z1130T	SHAR01	PDS	FB	80	27920	7	100	1
ABJ.H09F210.SABJLCP		Z1130T	SHAR01	PDS	FB	80	27920	57	100	1
ABJ.H09F210.SABJMLIB		Z1130T	SHAR01	PDS	FB	80	27920	1	100	1
ABJ.H09F210.SABJMOD1		Z1130T	SHAR01	PDS	U		32760	17	100	1
ABJ.H09F210.SABJPLIB		Z1130T	SHAR01	PDS	FB	80	27920	11	100	1
ABJ.H09F210.SABJSAM1		Z1130T	SHAR01	PDS	FB	80	27920	10	100	1
ABJ.H09F210.SABJSAM2		Z1130T	SHAR01	PDS	VB	1028	27998	32	100	1
ABJ.H09F210.SABJSLIB		Z1130T	SHAR01	PDS	FB	80	27920	3	100	1
ABJ.H09F210.SABJTLIB		Z1130T	SHAR01	PDS	FB	80	27920	1	100	1
AOP.AAOPEXEC		Z1130D	SHAR02	PDS	FB	80	27920	2	100	1
Total: 1173										

Close

Step 3d ...



IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > View Products, Features, and FMIDs > View Data Sets

View Data Sets

Selected software instance: MASTER_zOS_R13_w/Other_Product on sys

SMP/E Managed Data Sets Non-SMP/E Managed Data Sets

Actions ▾

Data Set Name Filter	Messages Filter	Zone Names Filter	Volumes Filter	Tracks Filter	% Used Filter	Extents Filter				
ABJ.H09F210.AABJCLST		Z1130D	SHAR02	7	100	1				
ABJ.H09F210.AABJLCP		Z1130D	SHAR02	57	100	1				
ABJ.H09F210.AABJMLIB		Z1130D	SHAR02	1	100	1				
ABJ.H09F210.AABJMOD1		Z1130D	SHAR02	13	100	1				
ABJ.H09F210.AABJPLIB		Z1130D	SHAR02	11	100	1				
ABJ.H09F210.AABJSAM1		Z1130D	SHAR02	10	100	1				
ABJ.H09F210.AABJSAM2		Z1130D	SHAR02	32	100	1				
ABJ.H09F210.AABJSLIB		Z1130D	SHAR02	3	100	1				
ABJ.H09F210.AABJTLIB		Z1130D	SHAR02	1	100	1				
ABJ.H09F210.SABJCLST		Z1130T	SHAR01	7	100	1				
ABJ.H09F210.SABJLCP		Z1130T	SHAR01	57	100	1				
ABJ.H09F210.SABJMLIB		Z1130T	SHAR01	1	100	1				
ABJ.H09F210.SABJMOD1		Z1130T	SHAR01	17	100	1				
ABJ.H09F210.SABJPLIB		Z1130T	SHAR01	11	100	1				
ABJ.H09F210.SABJSAM1		Z1130T	SHAR01	10	100	1				
ABJ.H09F210.SABJSAM2		Z1130T	SHAR01	32	100	1				
ABJ.H09F210.SABJSLIB		Z1130T	SHAR01	PDS	FB	80	27920	3	100	1
ABJ.H09F210.SABJTLIB		Z1130T	SHAR01	PDS		80	27920	1	100	1
AOP.AAOPEXEC		Z1130D	SHAR02	PDS			27920	2	100	1
Total: 1173										

Close

Enter "zfs" for the "Text" (case doesn't matter)

Then click OK

Modify Filter

Match:
All filters ☐ Match case

Columns: Filters
messages
▸ Zone Names
▸ Volumes
▸ Data Set Type

Condition: Contains Text: zfs

OK Cancel Help

Notice that all data sets are on SHAR04.

Step 3d ...

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > V

View Data Sets

Selected software instance: MASTER_zOS_R13

SMP/E Managed Data Sets Non-SMP/E Managed

Actions Match: All filters

Data Set Name Filter	Messages Filter	Zone Names Filter	Volumes Filter	Data Set Type Contains "zfs"	RECFM Filter	LRECL Filter	BLKSIZE Filter	Tracks Filter	% Used Filter	Extents Filter
SMLAB01.COB32.ZFS		COB320T	SHAR04	ZFS				15		
SMLAB01.JAVA31V7		Z1130T	SHAR04	ZFS				5310		
SMLAB01.JAVA64V7		Z1130T	SHAR04	ZFS				6795		
SMLAB01.NETVHFS		Z1130T	SHAR04	ZFS				135		
SMLAB01.PLI41.ZFS		PLI410T	SHAR04	ZFS				75		
SMLAB01.ROOT		Z1130T	SHAR04	ZFS				49755		
SMLAB01.SBBN7HFS		Z1130T	SHAR04	ZFS				327		
SMLAB01.SHAPHFS		Z1130T	SHAR04	ZFS						
SMLAB01.SHPERROOT		Z1130T	SHAR04	ZFS						
SMLAB01.SHPHROOT		Z1130T	SHAR04	ZFS						
SMLAB01.SHPUROOT		Z1130T	SHAR04	ZFS						
SMLAB01.SIBMROOT		Z1130T	SHAR04	ZFS						
SMLAB01.SIGYROOT		Z1130T	SHAR04	ZFS						
SMLAB01.SIZUROOT		Z1130T	SHAR04	ZFS						
SMLAB01.TKANROOT		Z1130T	SHAR04	ZFS						

Total: 1173, Filtered: 15

Close

Optionally, you can change the filter to only show VSAM data sets (for this instance the SMP/E Global CSI data set), PDSEs or PDSEs.

When you are done viewing data sets, click on the filter for Extents

Step 3d ...



IBM z/OS Management Facility

Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > View Products, Features, and FMIDs > View Data Sets

View Data Sets

Selected software instance: MASTER_zOS_R13_w/Other_Product on system LOCAL

SMP/E Managed Data Sets Non-SMP/E Managed Data Sets

Actions Match: All filters

Data Set Name Filter	Messages Filter	Zone Names Filter	Volumes Filter	Tracks Filter	% Used Filter	Extents Filter
SMLAB01.COB32.ZFS		COB320T	SHAR04	15		
SMLAB01.JAVA31V7		Z1130T	SHAR04	5310		
SMLAB01.JAVA64V7		Z1130T	SHAR04	6795		
SMLAB01.NETVHFS		Z1130T	SHAR04	135		
SMLAB01.PLI41.ZFS		PLI410T	SHAR04	75		
SMLAB01.ROOT		Z1130T	SHAR04	49755		
SMLAB01.SBBN7HFS		Z1130T	SHAR04	32280		
SMLAB01.SHAPHFS		Z1130T	SHAR04	555		
SMLAB01.SHPERROOT		Z1130T	SHAR04	1305		
SMLAB01.SHPHROOT		Z1130T	SHAR04	180		
SMLAB01.SHPUROOT		Z1130T	SHAR04	150		
SMLAB01.SIBMROOT		Z1130T	SHAR04	30		
SMLAB01.SIGYROOT		Z1130T	SHAR04	16		
SMLAB01.SIZUROOT		Z1130T	SHAR04	3705		
SMLAB01.TKANROOT		Z1130T	SHAR04	16		

Total: 1173, Filtered: 15

Close

Modify Filters

Match: All filters ☐ Match case

Columns: Filters

- Zone Names
- Volumes
- Data Set Type: Contains "zfs" [Clear](#)
- RECFM
- LRECL
- BLKSIZE
- Tracks
- % Used
- Extents

Condition: Equals Value:

OK Clear Filters Cancel Help

Click on "Clear Filters"

Notice that when you clear filters it clears ALL filters and not just the filter for the column you selected.

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > View Products, Features, and FMIDs > View Data Sets

View Data Sets

Selected software instance: MASTER_zOS_R13_w/Other_Product on system LOCAL

SMP/E Managed Data Sets Non-SMP/E Managed Data Sets

Actions ▼

Data Set Name Filter	Messages Filter	Zone Names Filter	Volumes Filter	Data Set Type Filter	RECFM Filter	LRECL Filter	BLKSIZE Filter	Tracks Filter	% Used Filter	Extents Filter
ABJ.H09F210.AABJCLST		Z1130D	SHAR02	PDS	FB	80	27920	7	100	1
ABJ.H09F210.AABJLCP		Z1130D	SHAR02	PDS	FB	80	27920	57	100	1
ABJ.H09F210.AABJMLIB		Z1130D	SHAR02	PDS	FB	80	27920	1	100	1
ABJ.H09F210.AABJMOD1		Z1130D	SHAR02	PDS	U		32760	13	100	1
ABJ.H09F210.AABJPLIB		Z1130D	SHAR02	PDS	FB	80	27920	11	100	1
ABJ.H09F210.AABJSAM1		Z1130D	SHAR02	PDS	FB	80	27920	10	100	1
ABJ.H09F210.AABJSAM2		Z1130D	SHAR02	PDS	VB	1028	27998	32	100	1
ABJ.H09F210.AABJSLIB		Z1130D	SHAR02	PDS	FB	80	27920	3	100	1
ABJ.H09F210.AABJTLIB		Z1130D	SHAR02	PDS	FB	80	27920	1	100	1
ABJ.H09F210.SABJCLST		Z1130T	SHAR01	PDS	FB	80	27920	7	100	1
ABJ.H09F210.SABJLCP		Z1130T	SHAR01	PDS	FB	80	27920	57	100	1
ABJ.H09F210.SABJMLIB		Z1130T	SHAR01	PDS	FB	80	27920	1	100	1
ABJ.H09F210.SABJMOD1		Z1130T	SHAR01	PDS	U		32760	17	100	1
ABJ.H09F210.SABJPLIB		Z1130T	SHAR01	PDS	FB	80	27920	11	100	1
ABJ.H09F210.SABJSAM1		Z1130T	SHAR01	PDS	FB	80	27920	10	100	1
ABJ.H09F210.SABJSAM2		Z1130T	SHAR01	PDS	VB	1028	27998	32	100	1
ABJ.H09F210.SABJSLIB		Z1130T	SHAR01	PDS	FB	80	27920	3	100	1
ABJ.H09F210.SABJTLIB		Z1130T	SHAR01	PDS	FB	80	27920	1	100	1
AOP.AAOPEXEC		Z1130D	SHAR02	PDS	FB	80	27920	2	100	1
Total: 1173										

Close

Step 3e: Export the “Master” Software Instances’ Data Set Information

Now you will save the data set information in a file on your workstation so that you can use spreadsheet functions to manipulate the data or print it

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Software Instances > View Products, Features

View Data Sets

Selected software instance: MASTER_zOS_R13_w/Other_Product on s

SMP/E Managed Data Sets Non-SMP/E Managed Data Sets

Actions

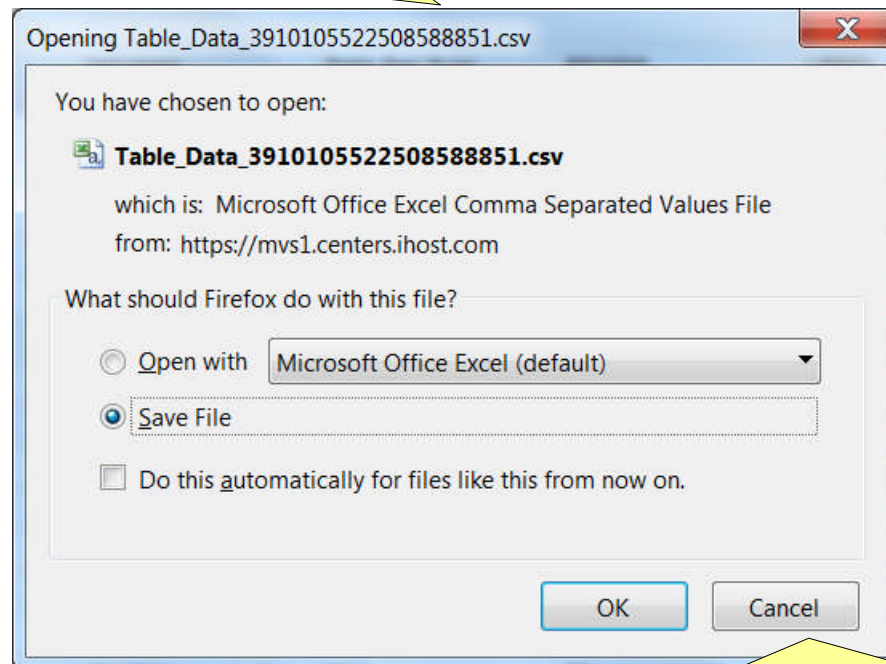
- Configure Columns...
- Modify Filters...
- Hide Filter Row
- Clear Filters
- Modify Sort...
- Clear Sorts
- Export Table Data
 - Current View
 - All Data
- Print Table Data

	Messages Filter	Zone Names Filter	Data Set Type Filter	RECFM Filter	LRECL Filter	BLKSIZE Filter	Tracks Filter	% Used Filter	Extents Filter	
		Z1130	SHAR02	PDS	FB	80	27920	7	100	1
			SHAR02	PDS	FB	80	27920	57	100	1
		Z1130D	SHAR02	PDS	FB	80	27920	1	100	1
		Z1130D	SHAR02	PDS	U		32760	13	100	1
		Z1130D	SHAR02	PDS	FB	80	27920	11	100	1
ABJ.H09F210.AABJSAM1		Z1130D	SHAR02	PDS	FB	80	27920	10	100	1
ABJ.H09F210.AABJSAM2		Z1130D	SHAR02	PDS	VB	1028	27998	32	100	1
ABJ.H09F210.AABJSLIB		Z1130D	SHAR02	PDS	FB	80	27920	3	100	1
ABJ.H09F210.AABJTLIB		Z1130D	SHAR02	PDS	FB	80	27920	1	100	1
ABJ.H09F210.SABJCLST		Z1130T	SHAR01	PDS	FB	80	27920	7	100	1
ABJ.H09F210.SABJLCP		Z1130T	SHAR01	PDS	FB	80	27920	57	100	1
ABJ.H09F210.SABJMLIB		Z1130T	SHAR01	PDS	FB	80	27920	1	100	1
ABJ.H09F210.SABJMOD1		Z1130T	SHAR01	PDS	U		32760	17	100	1
ABJ.H09F210.SABJPLIB		Z1130T	SHAR01	PDS	FB	80	27920	11	100	1
ABJ.H09F210.SABJSAM1		Z1130T	SHAR01	PDS	FB	80	27920	10	100	1
ABJ.H09F210.SABJSAM2		Z1130T	SHAR01	PDS	VB	1028	27998	32	100	1
ABJ.H09F210.SABJSLIB		Z1130T	SHAR01	PDS	FB	80	27920	3	100	1
ABJ.H09F210.SABJTLIB		Z1130T	SHAR01	PDS	FB	80	27920	1	100	1
AOPAAOPEXEC		Z1130D	SHAR02	PDS	FB	80	27920	2	100	1
Total: 1173										

Close

Step 3e ...

Pop-up window will allow you to save the file or open it with a program such as Microsoft Office Excel. You also have the opportunity to cancel



Since this is a lab, please click cancel. The next slide in the handout shows how the data set information would be displayed in a spread sheet.

Now you would be able to launch a program like Microsoft Office Excel to view or manipulate the z/OSMF “Master” Software Instances’ data set information

SHARE
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Microsoft Excel - Table_Data_391010552250858851.csv

File Edit View Insert Format Tools Data Window Help Nuance PDF

100% Arial

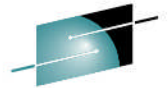
Data Set Name

	A	B	C	D	E	F	G	H	I	J	K
1	Data Set N	Messages	Zone Nam	Volumes	Data Set T	RECFM	LRECL	BLKSIZE	Tracks	% Used	Extents
2	ABJ.H09F210.AABJC	Z1130D	SHAR02	PDS	FB						
3	ABJ.H09F210.AABJL	Z1130D	SHAR02	PDS	FB						
4	ABJ.H09F210.AABJM	Z1130D	SHAR02	PDS	FB						
5	ABJ.H09F210.AABJN	Z1130D	SHAR02	PDS	U						
6	ABJ.H09F210.AABJF	Z1130D	SHAR02	PDS	FB						
7	ABJ.H09F210.AABJS	Z1130D	SHAR02	PDS	FB						
8	ABJ.H09F210.AABJS	Z1130D	SHAR02	PDS	VB						
9	ABJ.H09F210.AABJS	Z1130D	SHAR02	PDS	FB						
10	ABJ.H09F210.AABJT	Z1130D	SHAR02	PDS	FB						
11	ABJ.H09F210.SABJC	Z1130T	SHAR01	PDS	FB						
12	ABJ.H09F210.SABJL	Z1130T	SHAR01	PDS	FB						
13	ABJ.H09F210.SABJM	Z1130T	SHAR01	PDS	FB						
14	ABJ.H09F210.SABJN	Z1130T	SHAR01	PDS	U						
15	ABJ.H09F210.SABJF	Z1130T	SHAR01	PDS	FB						
16	ABJ.H09F210.SABJS	Z1130T	SHAR01	PDS	FB						
17	ABJ.H09F210.SABJS	Z1130T	SHAR01	PDS	VB						
18	ABJ.H09F210.SABJS	Z1130T	SHAR01	PDS	FB						
19	ABJ.H09F210.SABJT	Z1130T	SHAR01	PDS	FB						
20	AOP.AAOPEXEC	Z1130D	SHAR02	PDS	FB						
21	AOP.AAOPHFS	Z1130D	SHAR02	PDS	VB						
22	AOP.AAOPMENU	Z1130D	SHAR02	PDS	FB						
23	AOP.AAOPMOD1	Z1130D	SHAR02	PDS	U						
24	AOP.AAOPMENU	Z1130D	SHAR02	PDS	FB						
25	AOP.SAOPEXEC	Z1130T	SHAR01	PDS	FB						
26	AOP.SAOPMENU	Z1130T	SHAR01	PDS	FB						
27	AOP.SAOPMENU	Z1130T	SHAR01	PDS	FB						
28	ASM.AASMMAC1	Z1130D	SHAR02	PDS	FB						
29	ASM.AASMMAC2	Z1130D	SHAR02	PDS	FB						
30	ASM.AASMMOD1	Z1130D	SHAR02	PDS	U						
31	ASM.AASMMOD2	Z1130D	SHAR02	PDS	U						
32	ASM.AASMPUT2	Z1130D	SHAR02	PDS	FB						
33	ASM.AASMSAM1	Z1130D	SHAR02	PDS	FB						
34	ASM.AASMSAM2	Z1130D	SHAR02	PDS	FB						
35	ASM.SASMMAC1	Z1130T	SHAR01	PDS	FB						
36	ASM.SASMMAC2	Z1130T	SHAR01	PDS	FB						
37	ASM.SASMMOD1	Z1130T	SHAR01	PDS	U						
38	ASM.SASMMOD2	Z1130T	SHAR01	PDS	U						

Table_Data_391010552250858851

Ready

Step 3e ...



IBM z/OS Management Facility

Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > View Products, Features, and FMIDs > View Data Sets

View Data Sets

Selected software instance: MASTER_zOS_R13_w/Other_Product on system LOCAL

SMP/E Managed Data Sets Non-SMP/E Managed Data Sets

Actions ▼

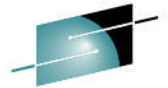
Data Set Name Filter	Messages Filter	Zone Names Filter	Volumes Filter	Data Set Type Filter	RECFM Filter	LRECL Filter	BLKSIZE Filter	Tracks Filter	% Used Filter	Extents Filter
ABJ.H09F210.AABJCLST		Z1130D	SHAR02	PDS	FB	80	27920	7	100	1
ABJ.H09F210.AABJLCP		Z1130D	SHAR02	PDS	FB	80	27920	57	100	1
ABJ.H09F210.AABJMLIB		Z1130D	SHAR02	PDS	FB	80	27920	1	100	1
ABJ.H09F210.AABJMOD1		Z1130D	SHAR02	PDS	U		32760	13	100	1
ABJ.H09F210.AABJPLIB		Z1130D	SHAR02	PDS	FB	80	27920	11	100	1
ABJ.H09F210.AABJSAM1		Z1130D	SHAR02	PDS	FB	80	27920	10	100	1
ABJ.H09F210.AABJSAM2		Z1130D	SHAR02	PDS	VB	1028	27998	32	100	1
ABJ.H09F210.AABJSLIB		Z1130D	SHAR02	PDS	FB	80	27920	3	100	1
ABJ.H09F210.AABJTLIB		Z1130D	SHAR02	PDS	FB	80	27920	1	100	1
ABJ.H09F210.SABJCLST		Z1130T	SHAR01	PDS	FB	80	27920	7	100	1
ABJ.H09F210.SABJLCP		Z1130T	SHAR01	PDS	FB	80	27920	57	100	1
ABJ.H09F210.SABJMLIB		Z1130T	SHAR01	PDS	FB	80	27920	1	100	1
ABJ.H09F210.SABJMOD1		Z1130T	SHAR01	PDS	U		32760	17	100	1
ABJ.H09F210.SABJPLIB		Z1130T	SHAR01	PDS	FB	80	27920	11	100	1
ABJ.H09F210.SABJSAM1		Z1130T	SHAR01	PDS	FB	80	27920	10	100	1
ABJ.H09F210.SABJSAM2		Z1130T	SHAR01	PDS	VB	1028	27998	32	100	1
ABJ.H09F210.SABJSLIB		Z1130T	SHAR01	PDS	FB	80	27920	3	100	1
ABJ.H09F210.SABJTLIB		Z1130T	SHAR01	PDS	FB	80	27920	1	100	1
AOP.AAOPEXEC		Z1130D	SHAR02	PDS	FB	80	27920	2	100	1

Total: 1173

Close

Click Close

Step 3e ...



IBM z/OS Management Facility

Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > View Products, Features, and FMIDs

View Products, Features, and FMIDs

Products, Features, and FMIDs by Software Instance

☒ ☐ Actions Table view: Tree

Software Instance / Product / Feature / FMID Filter	System Filter	Messages Filter	Product, Feature, and FMID Information Retrieved (Local) Filter	Release Filter	Product ID Filter	Vendor Filter	General Av. Filter
<input checked="" type="checkbox"/> + MASTER_zOS_R13_wOther_Product	LOCAL		Oct 23, 2013 4:41:01 PM				

Total: 286, Selected: 286

Refresh Last refresh: Jan 28, 2014 5:00:24 PM

Close

Click Close (again)

Step 4a: Report on “Master” Software Instances’ End of Service


For the first set of reports you will use all “Master” software instances


IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances

Software Instances

Click  to select all software instances

<input checked="" type="checkbox"/>  Actions ▼ Match: All filters	Name Contains "MASTER"	System Filter	Messages Filter	Description Filter	Activity	Global Zone CSI Filter	Target Zones	Categories
<input type="checkbox"/>	MASTER_SMPEV3.6_WITH_PTF	LOCAL		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product with PTFs.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TSMP36P	
<input type="checkbox"/>	MASTER_SMPEV3.6_WITHOUT_P	LOCAL		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product without any PTFs.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TSMP36	
<input type="checkbox"/>	MASTER_ZOSV1.12	LOCAL		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains z/OS V1R12 at RSU1105.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TGTZ12	
<input checked="" type="checkbox"/>	MASTER_zOS_R13_w/Other_Pro	LOCAL		z/OS V1.13 with over 20 other products to be used during the z/OSMF Software Management Lab		SMLAB01.GLOBAL.CSI	COB320T, DT910T, PLI410T, Z1130T	

Total: 4, Filtered: 4, Selected: 1

Last refresh: Jan 29, 2014 10:58:25 AM

Prepare to be WOWed!!!

Step 4a ...

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances

Software Instances

Click Actions, Maintenance Reports, then End of Service

Actions	Match: All filters	Pages	Description Filter	Activity	Global Zone CSI Filter	Target Zones	Categories
<input checked="" type="checkbox"/> View <input type="checkbox"/> Modify <input type="checkbox"/> Open Deployments <input type="checkbox"/> Copy... <input type="checkbox"/> Remove... <input type="checkbox"/> Retrieve Product, Feature, and FMID Information <input type="checkbox"/> Maintenance Reports <input type="checkbox"/> Add... <input type="checkbox"/> Show Hidden Maintenance Reports <input checked="" type="checkbox"/> Select All <input type="checkbox"/> Deselect All <input type="checkbox"/> Configure Columns... <input type="checkbox"/> Modify Filters... <input type="checkbox"/> Hide Filter Row <input type="checkbox"/> Clear Filters <input type="checkbox"/> Modify Sort... <input type="checkbox"/> Clear Sorts			Source Software instance for the z/OSMF Software Deployment Lab. This instance		ZOSMF.SWDEPLOY.GLOBAL.CSI	TSMP36P	
					ZOSMF.SWDEPLOY.GLOBAL.CSI	TSMP36	
			Source Software instance for the z/OSMF Software Deployment Lab. This instance contains z/OS V1R12 at RSU1105.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TGTZ12	
			z/OS V1.13 with over 20 other products to be used during the		SMLAB01.GLOBAL.CSI	COB320T, DT910T, PLU110T, Z1130T	

Total: 4
Refresh
Close

You can generate reports about the selected software instances. The End of Service report helps you determine if any of the products contained in your software instances are approaching or have reached their announced end of service support date.

This action:

- Will display additional information, not available through batch SMP/E
- Can be performed against multiple software instances at the same time
- Can be performed against software instances throughout your enterprise

The display shows any product that was in a selected software instance with information about the product's general availability and end of service

IBM z/OS Management Facility Log out IBM

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports Help

Maintenance Reports

End of Service x

Timeline View Legend

2012 2013 2014 2015

<= Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul >=

Timeline visualization showing months from 2012 to 2015. Months are color-coded: red (past end of service), yellow (approaching end of service), and blue (current month). A blue box highlights February 2014.

Retrieve End of Service Information...

Software Instances by Product

☒ Actions Table view: Tree

Product / Software Instance Filter	Release Filter	Product ID Filter	Messages Filter	Vendor Filter	General Availability Filter	End of Service Filter	Additional Product Information Filter	Product Information File Version Filter
<input type="checkbox"/> System Modification Program Extended for z/OS	03.06.00	5655-G44		IBM	Sep 30, 2011	Not Announced	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-G44	Oct 17, 2013
<input type="checkbox"/> z/OS	01.12.00	5694-A01		IBM	Sep 24, 2010	Sep 30, 2014	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5694-A01	Oct 17, 2013
<input type="checkbox"/> Enterprise COBOL for z/OS and OS/390	03.02.00	5655-G53		IBM	Sep 27, 2002	Oct 3, 2005	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-G53	Oct 17, 2013
<input type="checkbox"/> Debug Tool V9	09.01.00	5655-L127		IBM	Sep 26, 2008	Apr 30, 2012	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-L127	Oct 17, 2013

Total: 55, Selected: 0

Refresh Last refresh: Feb 3, 2014 10:51:23 AM

Close

Click on View Legend

Note: Products were added to this software instance to show products that have already passed or are approaching their end of service date

Notice that the scrollable timeline has icons and that any product that has an announced End of Service date has an icon. The table below shows all products.

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

End of Service x

Timeline [View Legend](#)

2012 2013 2014 2015

<=Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul >=

Icons represented in timeline

Legend to describe calendar colors and icons

Retrieve End of Service Information...

Software Instances by Product

☒ Actions Table view: Tree

Product / Software Instance Filter	Release Filter	Product ID Filter	Me Filter	End of Service Filter	Additional Product Information Filter	Product Information File Version Filter
<input type="checkbox"/> System Modification Program Extended for z/OS	03.06.00	5655-G44		Not Announced	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-G44	Oct 17, 2013
<input type="checkbox"/> z/OS	01.12.00	5694-A01		30, 2014	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5694-A01	Oct 17, 2013
<input type="checkbox"/> Enterprise COBOL for z/OS and OS/390	03.02.00	5655-G53	IBM	05	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-G53	Oct 17, 2013
<input type="checkbox"/> Debug Tool V9	09.01.00	5655-LI27	IBM		http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-LI27	Oct 17, 2013

Total: 55, Selected: 0

[Refresh](#) Last refresh: Feb 3, 2014 10:51:23 AM

[Close](#) [Hide](#)

View Legend

Timeline Legend

Key	Description
✗	End of service date passed
⚠	End of service date within six months
⚠	End of service date more than six months a
📅	Past months
📅	Current month
📅	Near future months
📅	Distant future months

After reviewing the Legend, click the "X" to close the pop up window



IBM z/OS Management Facility

Welcome shara01

Log out

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Help

Maintenance Reports

End of Service x

Timeline

2012

<=Sep Oct Nov

2013

Product: z/OS

End of service: Sep 30, 2014

Release: 01.12.00

Product ID: 5694-A01

Vendor: IBM

Announcement: <http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5694-A01>

Retrieve End of Service Information...

2014

2015

Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul >=

View Legend

Software Instances by Product

☒ Actions

Table view: Tree

Product / Software Instance Filter	Release Filter	Product ID Filter	Messages Filter	Vendor Filter	General Availability Filter	End of Service Filter	Additional Product Information Filter	Product Information File Version Filter
<input type="checkbox"/> System Modification Program Extended for z/OS	03.06.00	5655-G44		IBM	Sep 30, 2011	<input checked="" type="checkbox"/> Not Announced	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-G44	Oct 17, 2013
<input type="checkbox"/> z/OS	01.12.00	5694-A01		IBM	Sep 24, 2010	<input type="checkbox"/> Sep 30, 2014	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5694-A01	Oct 17, 2013
<input type="checkbox"/> Enterprise COBOL for z/OS and OS/390	03.02.00	5655-G53		IBM	Sep 27, 2002	<input type="checkbox"/> Oct 3, 2005	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-G53	Oct 17, 2013
<input type="checkbox"/> Debug Tool V9	09.01.00	5655-U27		IBM	Sep 26, 2008	<input type="checkbox"/> Apr 30, 2012	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-U27	Oct 17, 2013

Total: 55, Selected: 0

Refresh Last refresh: Feb 3, 2014 10:51:23 AM

Close Hide

Hover over an icon and view the flyover help that is available to view product information



IBM z/OS Management FacilityWelcome shara01Log out

Welcome x Software Man... x

Maintenance Reports

End of Service x

Timeline

View Legend

2012 2013 2014 2015

<=Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul >=

Click Actions, then Expand All

Retrieve End of Service Information...

Software Instances by Product

Actions Table view: Tree

View

Retrieve Product, Feature, and FMID Information

Maintenance Reports

Expand

Collapse

Retrieve End of Service Information...

Select All

Deselect All

Configure Columns...

Modify Filters...

Hide Filter Row

Clear Filters

Modify Sort...

Clear Sorts

Export Table Data

Print Table Data

Expand All

Collapse All

Messages Filter	Vendor Filter	General Availability Filter	End of Service Filter	Additional Product Information Filter	Product Information File Version Filter
	IBM	Sep 30, 2011	Not Announced	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-G44	Oct 17, 2013
	IBM	Sep 24, 2010	Sep 30, 2014	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5694-A01	Oct 17, 2013
	IBM	Sep 27, 2002	Oct 3, 2005	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-G53	Oct 17, 2013
	IBM	Sep 26, 2008	Apr 30, 2012	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-L127	Oct 17, 2013

**You can see all the software instances where SMP/E
(and all the other products) is installed.**

IBM z/OS Management Facility Welcome shara01 Log out

Welcome x Software Man... x

[Software Management](#) > [Software Instances](#) > [Maintenance Reports](#) Help

Maintenance Reports

End of Service x

Timeline View Legend

2012 2013 2014 2015

<=Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul >=

Retrieve End of Service Information...

Software Instances by Product

☒ Actions ▾ Table view: Tree

Product / Software Instance Filter	Release Filter	Product ID Filter	Messages Filter	Vendor Filter	General Availability Filter	End of Service Filter	Additional Product Information Filter	Product Information File Version Filter
<input type="checkbox"/> System Modification Program Extended for z/OS	03.06.00	5655-G44		IBM	Sep 30, 2011	<input checked="" type="checkbox"/> Not Announced	http://www-01.ibm.com/common/ssi/bin/ssi alias2info	Oct 17, 2013
<input type="checkbox"/> ■ MASTER_SMPEV3.6_WITHOUT_PTFS								
<input type="checkbox"/> ■ MASTER_SMPEV3.6_WITH_PTFS								

Total: 55, Selected: 0

[Refresh](#) Last refresh: Feb 3, 2014 10:51:23 AM

[Close](#) [Hide](#)

**Optionally, you can change the filter to only
show the products with an announced end of
service date**

**When you are done with the End of
Service report, click Close**

Step 4b: Report on “Master” Software Instances’ SYSMOD Search

Now you will perform a Cross Zone Query on steroids!!!!

Step 4b

IBM z/OS Management Facility

Welcome shara01

Software Management > Software Instances

Software Instances

Click Actions, Maintenance Reports, then SYSMOD Search

Activity	Global Zone CSI Filter	Target Zones	Categories
	ZOSMF.SWDEPLOY.GLOBAL.CSI	TSMP36P	
	ZOSMF.SWDEPLOY.GLOBAL.CSI	TSMP36	
	ZOSMF.SWDEPLOY.GLOBAL.CSI	TGTZ12	

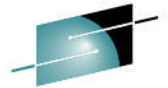
The SYSMOD Search capability helps you determine if your software instances contain the SYSMODs in which you are interested. This could be to determine:

- If you already installed the fix that a vendor suggested that you install,
- If you already installed a Red Alert or fix associated with security/integrity APAR
- How many software instances are affected by a specific PTF that went PE

While similar to cross zone query, this action can be performed:

- For multiple SYSMODs at the same time
- Against multiple software instances at the same time
- Against software instances throughout your enterprise

Step 4b ...



IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x

Use this page to search the selected software for one or more SYSMODs.

* SYSMOD search list:
U001270, U001281

Search

Search Results

☒ ☐ Actions Table view: Tree

Software Instance / Zone Name / SYSMOD Filter	System Filter	Type Filter	FMID Filter	Status Filter	Installed Filter
There is no data to display.					

Total: 0, Selected: 0

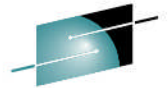
Close Hide

Specify U001270 and U001281 in the SYSMOD search list

Then click Search

You need to specify the SYSMODs for which to search. You can search for multiple SYSMODs simultaneously. To do so, use a comma, space, or line break to separate each SYSMOD ID. At least one SYSMOD ID is required.

Step 4b ...



IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports


SYSMOD Search x

Use this page to search the selected software instances for one or more SYSMODS.

* SYSMOD search list:
U001270, U001281 Search

Search Results

☒ ☐ Actions ▾ Table view: Tree

Software Instance / Zone Name / SYSMOD Filter	System Filter	Type Filter	F MID Filter	Status Filter	Installed Filter
<div> Searching for the SYSMODS in the selected software instances. This request might take several minutes to complete. Cancel</div>					

Total: 0, Selected: 0

Close Hide

Pop-up window to alert you that this might take a few minutes, and allow you to cancel, just let it complete

Results shown in a scrollable tree table. You will have to expand each row to see the actual results.

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x

Use this page to search the selected software instances for one or more SYSMODs.

* SYSMOD search list:
U001270, U001281 Search

Search Results

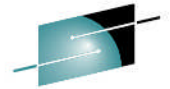
☒ ☐ Actions ▾ Table view: Tree

	Software Instance / Zone Name / SYSMOD Filter	System Filter	Type Filter	FMID Filter	Status Filter	Installed Filter	
<input type="checkbox"/>	+ MASTER_SMPEV3.6_WITH_PTFS	LOCAL					
<input type="checkbox"/>	+ MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL					
<input type="checkbox"/>	+ MASTER_ZOSV1.12	LOCAL					
<input type="checkbox"/>	+ MASTER_zOS_R13_w/Other_Product	LOCAL					

Total: 55, Selected: 0

Close Hide

Step 4b ...



IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x

Use this page to search the selected software instances for one or more SYSMODs.

* SYSMOD search list:
U001270, U001281 Search

Search Results

☒ ☐ Actions ▾ Table view: Tree

Software Filter

- View
- Maintenance Reports ▾
- Expand
- Collapse
- ☒ Select All
- ☐ Deselect All
- Configure Columns...
- Modify Filters...
- Hide Filter Row
- Clear Filters
- Modify Sort...
- Clear Sorts
- Export Table Data ▾
- Print Table Data ▾
- Expand All**
- Collapse All
- Switch to Non-Tree View

SYSMOD	System Filter	FMID Filter	Status Filter	Installed Filter
S	LO			
PTFS				
duct				

Total: 55, Selected: 0

Close Hide

Click Actions, then Expand All

In one request, you queried 4 software instances using 2 different GLOBAL zones for 2 SYSMODs. This simple query would take at least 4 user interactions using SMP/E's cross zone query.

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search

Use this page to search the selected software instances for one or more SYSMODs.

* SYSMOD search list:

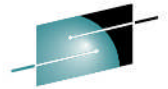
Search Results

☒ ☐ Actions ▾ | Table view: Tree

Software Instance / Zone Name / SYSMOD Filter	System Filter	Type Filter	FMID Filter	Status Filter	Installed Filter
<input type="checkbox"/> MASTER_SMPEV3.6_WITH_PTFS	LOCAL				
<input type="checkbox"/> DSMP36P					
<input type="checkbox"/> ▪ U001270				Superceded by U001301	
<input type="checkbox"/> ▪ U001281		PTF	HMP1J00	Accepted	January 3, 2012 14:09:28
<input type="checkbox"/> GLOBAL					
<input type="checkbox"/> ▪ U001270		PTF	HBCNC00	Received	January 16, 2012 15:23:34
<input type="checkbox"/> ▪ U001281		PTF	HMP1J00	Received	January 16, 2012 15:23:38
<input type="checkbox"/> TSMP36P					
<input type="checkbox"/> ▪ U001270				Superceded by U001301	
<input type="checkbox"/> ▪ U001281		PTF	HMP1J00	Applied	January 3, 2012 14:07:05

Total: 55, Selected: 0

Step 4b ...



IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x

Use this page to search the selected software instances

* SYSMOD search list:
U001270, U001281 Search

Search Results

☒ Actions ▾ Table view: Tree

Click Actions, then Collapse All

SYSMOD	Type	FIMID	Status	Installed
Filter	Filter	Filter	Filter	Filter
			Superceded by U001301	
	PTF	HMP1J00	Accepted	January 3, 2012 14:09:28
	PTF	HBCNC00	Received	January 16, 2012 15:23:34
	PTF	HMP1J00	Received	January 16, 2012 15:23:38
			Superceded by U001301	
	PTF	HMP1J00	Applied	January 3, 2012 14:07:05

Total: 55, Selected: 0

Close Hide

Step 4c: Report on “Master” Software Instances’ Missing FIXCAT SYSMODs

Step 4c



IBM z/OS Management Facility

Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports


SYSMOD Search x

Use this page to search the selected software instances for one or more SYSMODs.

* SYSMOD search list:
U001270, U001281

Search

Search Results

Click  to select all software instances

☒ ☐ Actions Table view: Tree

Software Instance / Zone Name / SYSMOD Filter	System Filter	Type Filter	FMID Filter	Status Filter	Installed Filter
<input type="checkbox"/> + MASTER_SMPEV3.6_WITH_PTFS	LOCAL				
<input type="checkbox"/> + MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL				
<input type="checkbox"/> + MASTER_ZOSV1.12	LOCAL				
<input type="checkbox"/> + MASTER_zOS_R13_w/Other_Product	LOCAL				

Total: 55, Selected: 0

Close Hide

Next you will look for missing fixes associated with one or more SMP/E Fix Categories.

The screenshot shows the IBM z/OS Management Facility interface. The top navigation bar includes 'Software Management' and 'Maintenance Reports'. A search box for 'SYSMOD Search' contains the text 'U001270, U001281'. Below the search results, a table is displayed with columns for 'SYSMOD', 'System', 'Type', 'FMID', 'Status', and 'Installed'. A context menu is open over the table, showing various actions. The 'Missing FIXCAT SYSMODs' option is highlighted. A yellow callout box points to this option with the text: 'Click Actions, Maintenance Reports, then Missing FIXCAT SYSMODs'.

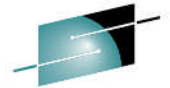
Click Actions, Maintenance Reports, then Missing FIXCAT SYSMODs

The Missing FIXCAT SYSMODs reports helps you identify any unsatisfied hardware or software requisites that are required for a specific category of software fixes.

While similar to REPORT MISSINGFIX, this action:

- Can be performed against multiple software instances at the same time
- Can be performed against software instances throughout your enterprise

Step 4c ...



IBM z/OS Management Facility

Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x

Use this page to search the selected software instances for one or more SYSMODs.

* SYSMOD search list:
U001270, U001281

Search

Search Results

☒ ☐ Actions Table view: Tree

Software Instance / Zone Name / SYSMOD Filter	System Filter	Type Filter	FMID Filter	Status Filter	Installed Filter
<input checked="" type="checkbox"/> + MASTER_SMPEV3.6_WITH_PTFS	LOCAL				
<input checked="" type="checkbox"/> + MASTER_SMPEV3.6_WITHOUT_PTFS					
<input checked="" type="checkbox"/> + MASTER_ZOSV1.12					
<input checked="" type="checkbox"/> + MASTER_zOS_R13_w/Other_Product					

Retrieving the missing FIXCAT SYSMODs information for the selected software instances. This request might take several minutes to complete.

Cancel

Total: 55, Selected: 55

Close Hide

Pop-up window to alert you that this might take a few minutes, and allow you to cancel, just let it complete

Results shown in a scrollable tree table. You will have to expand each row to see the actual results.

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODs x

Review the list of fix categories and determine which APARs are critical for your installation. Use SMP/E to apply the resolving SYSMODs to the corresponding target zone.

☒ ☐ Actions ▾ Table view: Tree

Software Instance / Fix Category / FMID / Missing APAR Filter	System Filter	HOLDDATA Received (GMT) Filter	Target Zones Filter	Resolving SYSMODs Received in Global Zone Filter	Resolving SYSMODs Not in Global Zone Filter	FMID Description Filter
<input type="checkbox"/> + MASTER_SMPEV3.6_WITH_PTFS	LOCAL	January 16, 2012 15:38:30				
<input type="checkbox"/> + MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL	January 16, 2012 15:38:30				
<input type="checkbox"/> + MASTER_ZOSV1.12	LOCAL	January 16, 2012 15:38:30				
<input type="checkbox"/> + MASTER_zOS_R13_w/Other_Product	LOCAL	September 28, 2012 11:33:57				

Total: 556, Selected: 0

Last refresh: Jan 29, 2014 2:42:23 PM

**Notice that a second tab was created under Maintenance Reports.
You can go back to prior reports by clicking the appropriate tab.**

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODs x

Review the list of fix categories and determine which APARs are critical for your installation. To apply the resolving SYSMODs to the corresponding target zone.

☒ ☐ Actions ▼ Table view: Tree

- View
- Maintenance Reports
- Expand
- Collapse
- ☒ Select All
- ☐ Deselect All
- Configure Columns...
- Modify Filters...
- Hide Filter Row
- Clear Filters
- Modify Sort...
- Clear Sorts
- Export Table Data
- Print Table Data
- Expand All**
- Collapse All
- Switch to Non-Tree View

FMID / Missing	System Filter	(GMT)	Target Zones Filter	Resolving SYSMODs Received in Global Zone Filter	Resolving SYSMODs Not in Global Zone Filter	FMID Description Filter
	LOCAL	January 16, 2012 15:38:30				
	PTFS	January 16, 2012 15:38:30				
	LOCAL	January 16, 2012 15:38:30				
	LOCAL	September 28, 2012 11:33:57				

Total: 556, Selected: 0

Last refresh: Jan 29, 2014 2:42:23 PM

Click Actions, then Expand All

Similar to REPORT MISSINGFIX Output displayed in tree table format

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODs x

Review the list of fix categories and determine which APARs are critical for your installation. Use SMP/E to apply the resolving SYSMODs to the corresponding target zone.

☒ ☐ Actions ▼ Table view: Tree

Software Instance / Fix Category / FMID / Missing APAR Filter	System Filter	HOLDDATA Received (GMT) Filter	Target Zones Filter	Resolving SYSMODs Received in Global Zone Filter	Resolving SYSMODs Not in Global Zone Filter	FMID Description Filter
<input type="checkbox"/> MASTER_SMPEV3.6_WITH_PTFS	LOCAL	January 16, 2012 15:38:30				
<input type="checkbox"/> IBM.Coexistence.z/OS.V1R11						
<input type="checkbox"/> HMP1J00						SMP/E Base
<input type="checkbox"/> AACOEX1			TSMP36P		UACOEX2	
<input type="checkbox"/> IBM.Coexistence.z/OS.V1R12						
<input type="checkbox"/> HMP1J00						SMP/E Base
<input type="checkbox"/> AACOEX1			TSMP36P		UACOEX2	
<input type="checkbox"/> IBM.Coexistence.z/OS.V1R13						
<input type="checkbox"/> HMP1J00						SMP/E Base
<input type="checkbox"/> AACOEX1			TSMP36P		UACOEX2	
<input type="checkbox"/> IBM.Device.Server.z114-2818						
<input type="checkbox"/> HMP1J00						SMP/E Base
<input type="checkbox"/> AASRV1			TSMP36P		UASRV1	
<input type="checkbox"/> IBM.Device.Server.z196-2817						
<input type="checkbox"/> HMP1J00						SMP/E Base

Total: 556, Selected: 0

Last refresh: Jan 29, 2014 2:42:23 PM

A diagram showing a light ray passing through a lens and reflecting off a curved surface. The ray enters from the left, passes through a lens, and reflects off a curved surface, illustrating the concept of a focal point.

Click Actions, then Collapse All

Step 4d: Report on “Master” Software Instances’ Missing Critical Fixes

Step 4d



IBM z/OS Management Facility

Welcome shara01


Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODs x

Review the list of fix categories and determine which APARs are cr

Click  to select all software instances

☒

Actions

Table view: Tree

Software Instance / Fix Category / FMID / Missing APAR Filter	System Filter	HOLDDATA Received (GMT) Filter	Target Zones Filter	Resolving SYSMODs Received in Global Zone Filter	Resolving SYSMODs Not in Global Zone Filter	FMID Description Filter
<input type="checkbox"/> + MASTER_SMPEV3.6_WITH_PTFS	LOCAL	January 16, 2012 15:38:30				
<input type="checkbox"/> + MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL	January 16, 2012 15:38:30				
<input type="checkbox"/> + MASTER_ZOSV1.12	LOCAL	January 16, 2012 15:38:30				
<input type="checkbox"/> + MASTER_zOS_R13_w/Other_Product	LOCAL	September 28, 2012 11:33:57				

Total: 556, Selected: 0

Refresh

Last refresh: Jan 29, 2014 2:42:23 PM

Close

Hide

91 Complete your session evaluations online at www.SHARE.org/AnaheimEval

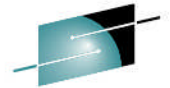
SHARE
in Anaheim

The Missing Critical Fix report helps you determine if any unresolved PE PTFs, HIPERs, or other exception SYSMODs identified by ERROR HOLDDATA are contained in your software instances, and helps you identify the SYSMODs that will resolve those exceptions.

While similar to REPORT ERRSYSMODS, this action:

- Can be performed against multiple software instances at the same time
- Can be performed against software instances throughout your enterprise

Step 4d ...



IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports


Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODs x

Review the list of fix categories and determine which APARs are critical for your installation. Use SMP/E to apply the resolving SYSMODs to the corresponding target zone.

☒ ☐ Actions ▾ Table view: Tree

Software Instance / Fix Category / FMID / Missing APAR Filter	System Filter	HOLDDATA Received (GMT) Filter	Target Zones Filter	Resolving SYSMODs Received in Global Zone Filter	Resolving SYSMODs Not in Global Zone Filter	FMID Description Filter
<input checked="" type="checkbox"/> + MASTER_SMPEV3.6_WITH_PTFS	LOCAL	January 16, 2012 15:38:30				
<input checked="" type="checkbox"/> + MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL	January 16, 2012 15:38:30				
<input checked="" type="checkbox"/> + MASTER_ZOSV1.12	L					
<input checked="" type="checkbox"/> + MASTER_ZOS_R13_wOther_Product	L					

 Retrieving the missing Critical Service information for the selected software instances. This request might take several minutes to complete.

Total: 556, Selected: 556

Last refresh: Jan 29, 2014 2:42:23 PM

Pop-up window to alert you that this might take a few minutes, and allow you to cancel, just let it complete

Results shown in a scrollable tree table. You will have to expand each row to see the actual results.

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODs x Missing Critical Service x

Review the list of critical service and determine which service are critical for your installation. Use SMP/E to apply the resolving service to the corresponding target zone.

☒ ☐ Actions ▾ | Table view: Tree

Software Instance / FMID / Held SYSMOD / Missing APAR Filter	System Filter	HOLDDATA Received (GMT) Filter	Target Zones Filter	Resolving SYSMODs Received in Global Zone Filter	Resolving SYSMODs Not in Global Zone Filter	Hold Class Filter	Hold Symptom Filter	FMID Description Filter
<input type="checkbox"/> + MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL	January 16, 2012 15:23:46						
<input type="checkbox"/> + MASTER_ZOSV1.12	LOCAL	January 16, 2012 15:23:46						
<input type="checkbox"/> + MASTER_ZOS_R13_wOther_Product	LOCAL	September 28, 2012 11:33:57						

Total: 149, Selected: 0

Last refresh: Jan 29, 2014 2:56:30 PM

Notice that a third tab was created under Maintenance Reports.

Step 4a ...

Click Actions, then Expand All

IBM z/OS Management Facility

Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODs x Missing Critical Service x

Review the list of critical service and determine which service are critical for your installation. Use the Resolve button to resolve the service to the corresponding target zone.

	Actions	Table view: Tree	SYSMOD /	System	HOLD	Target Zones	Resolving	Resolving	Hold Class	Hold Symptom	FMID Description
				Filter		Filter	SYSMODs	SYSMODs Not in	Filter	Filter	Filter
							Received in Global	Global Zone			
							Zone	Filter			
<input checked="" type="checkbox"/>	View		PTFS	LOCAL	January 16, 2012						
<input checked="" type="checkbox"/>	Maintenance Reports				15:23:46						
<input checked="" type="checkbox"/>	Expand				January 16, 2012						
<input checked="" type="checkbox"/>	Collapse				15:23:46						
<input type="checkbox"/>	Select All		duct	LOCAL	September 28, 2012						
<input type="checkbox"/>	Deselect All				11:33:57						
<input type="checkbox"/>	Configure Columns...										
<input type="checkbox"/>	Modify Filters...										
<input type="checkbox"/>	Hide Filter Row										
<input type="checkbox"/>	Clear Filters										
<input type="checkbox"/>	Modify Sort...										
<input type="checkbox"/>	Clear Sorts										
<input type="checkbox"/>	Export Table Data										
<input type="checkbox"/>	Print Table Data										
<input type="checkbox"/>	Expand All										
<input type="checkbox"/>	Collapse All										
<input type="checkbox"/>	Switch to Non-Tree View										

Total: 149, Selected: 0

Refresh Last refresh: Jan 29, 2014 2:56:30 PM

Close Hide

Similar to REPORT ERRSYSMODS Output displayed in tree table format

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODs x Missing Critical Service x

Review the list of critical service and determine which service are critical for your installation. Use SMP/E to apply the resolving service to the corresponding target zone.

☒ Actions ▼ Table view: Tree

Software Instance / FMID / Held SYSMOD / Missing APAR Filter	System Filter	HOLDDATA Received (GMT) Filter	Target Zones Filter	Resolving SYSMODs Received in Global Zone Filter	Resolving SYSMODs Not in Global Zone Filter	Hold Class Filter	Hold Symptom Filter	FMID Description Filter
<input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL	January 16, 2012 15:23:46						
<input type="checkbox"/> <input type="checkbox"/> HMP1J00								SMP/E Base
<input type="checkbox"/> <input type="checkbox"/> HMP1J00								
<input type="checkbox"/> <input type="checkbox"/> AO14750			TSMP36	U001286		HIPER	DAL	
<input type="checkbox"/> MASTER_ZOSV1.12	LOCAL	January 16, 2012 15:23:46						
<input type="checkbox"/> <input type="checkbox"/> HBB7770								BCP Base
<input type="checkbox"/> <input type="checkbox"/> HBB7770								
<input type="checkbox"/> <input type="checkbox"/> AA37192			TGTZ12		UA63547	HIPER	FUL	
<input type="checkbox"/> <input type="checkbox"/> AA37848			TGTZ12		UA63539	HIPER	PRF	
<input type="checkbox"/> <input type="checkbox"/> AA37905			TGTZ12		UA63624	HIPER	FUL	
<input type="checkbox"/> <input type="checkbox"/> AA38065			TGTZ12		UA63517	HIPER	FUL	
<input type="checkbox"/> <input type="checkbox"/> AA38087			TGTZ12		UA63263	HIPER	IPL	
<input type="checkbox"/> <input type="checkbox"/> AA38094			TGTZ12			HIPER	IPL	
<input type="checkbox"/> <input type="checkbox"/> AA38113			TGTZ12		UA63570	HIPER	IPL	

Total: 149, Selected: 0

Last refresh: Jan 29, 2014 2:56:30 PM

Now you are going to change the view and add a filter to identify missing HIPERs

Click Actions, then Switch to Non-Tree View

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODs x Missing Critical Service x

Review the list of critical service and determine which service are critical for your installation. Use SMP/E to determine the corresponding target zone.

Actions	Table view: Tree	SYSMOD /	System Filter	HOLDDATA Received (GMT)	Resolving SYSMODs Received in Global Zone Filter	Resolving SYSMODs Not in Global Zone Filter	Hold Class Filter	Hold Symptom Filter	FMID Description Filter
<input checked="" type="checkbox"/> View <input type="checkbox"/> Maintenance Reports <input type="checkbox"/> Expand <input type="checkbox"/> Collapse <input checked="" type="checkbox"/> Select All <input type="checkbox"/> Deselect All <input type="checkbox"/> Configure Columns... <input type="checkbox"/> Modify Filters... <input type="checkbox"/> Hide Filter Row <input type="checkbox"/> Clear Filters <input type="checkbox"/> Modify Sort... <input type="checkbox"/> Clear Sorts <input type="checkbox"/> Export Table Data <input type="checkbox"/> Print Table Data <input type="checkbox"/> Expand All <input type="checkbox"/> Collapse All <input checked="" type="checkbox"/> Switch to Non-Tree View	PTFS	LOCAL							SMP/E Base
				January 16, 2012 15:23:46	TSMP36	U001286	HIPER	DAL	
									BCP Base
					TGTZ12	UA63547	HIPER	FUL	
					TGTZ12	UA63539	HIPER	PRF	
					TGTZ12	UA63624	HIPER	FUL	
					TGTZ12	UA63517	HIPER	FUL	
					TGTZ12	UA63263	HIPER	IPL	
					TGTZ12		HIPER	IPL	
					TGTZ12	UA63570	HIPER	IPL	

Total: 149, Selected: 0

Refresh Last refresh: Jan 29, 2014 2:56:30 PM

Close Hide

Click on the filter in the Hold Class column

Step 4d ...



IBM z/OS Management Facility

Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODs x Missing Critical Service x

Review the list of critical service and determine which service are critical for your installation. Use SMP/E to apply the resolving service to the target zone.

Actions Table view: Non-tree

Software Instance / FMID / Held SYSMOD / Missing APAR Filter	System Filter	HOLDDATA Received (GMT) Filter	Class	Hold Sympt Filter
<input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL	January 16, 2015 15:23:46		
<input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFS > HMP1J00				
<input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFS > HMP1J00 > HMP1J00				
<input type="checkbox"/> MASTER_ZOSV1.12	LOCAL	January 16, 2015 15:23:46		
<input type="checkbox"/> MASTER_ZOSV1.12 > HBB7770				
<input type="checkbox"/> MASTER_ZOSV1.12 > HBB7770 > HBB7770				
<input type="checkbox"/> MASTER_ZOSV1.12 > HBB7770 > HBB7770 > AA37192				
<input type="checkbox"/> MASTER_ZOSV1.12 > HBB7770 > HBB7770 > AA37848				
<input type="checkbox"/> MASTER_ZOSV1.12 > HBB7770 > HBB7770 > AA37905				
<input type="checkbox"/> MASTER_ZOSV1.12 > HBB7770 > HBB7770 > AA38065				
<input type="checkbox"/> MASTER_ZOSV1.12 > HBB7770 > HBB7770 > AA38087				
<input type="checkbox"/> MASTER_ZOSV1.12 > HBB7770 > HBB7770 > AA38094				
<input type="checkbox"/> MASTER_ZOSV1.12 > HBB7770 > HBB7770 > AA38113				
TGTZ12			HIPER	IPL
TGTZ12		UA63570	HIPER	IPL

Total: 149, Selected: 0

Refresh Last refresh: Jan 29, 2014 2:56:30 PM

Close Hide

Modify Filters

Match: All filters

Columns: Filters

- Software Instance / FMID / Held SYS.
- System
- HOLDDATA Received (GMT)
- Target Zones
- Resolving SYSMODs Received in Glo
- Resolving SYSMODs Not in Global Z
- Hold Class
- Hold Symptom
- FMID Description

Condition: Contains Text: hiper

OK Cancel Help

Enter "hiper" for the "Text" (case doesn't matter)

Then click OK

The table now identifies all missing HIPER fixes.

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODs x Missing Critical Service x

Review the list of critical service and determine which service are critical for your installation. Use SMP/E to apply the resolving service to the corresponding target zone.

☒ ☐ Actions ▾ | Match: All filters | Table view: Non-tree

Software Instance / FMID / Held SYSMOD / Missing APAR Filter	System Filter	HOLDDATA Received (GMT) Filter	Target Zones Filter	Resolving SYSMODs Received in Global Zone Filter	Resolving SYSMODs Not in Global Zone Filter	Hold Class Contains "hiper"	Hold Symptom Filter	FMID Description Filter
<input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL	January 16, 2012 15:23:46						
<input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFS ▶ HMP1J00								SMP/E Base
<input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFS ▶ HMP1J00 ▶ HMP1J00								
<input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFS ▶ HMP1J00 ▶ HMP1J00			TSMP36	U001286		HIPER	DAL	
<input type="checkbox"/> MASTER_ZOSV1.12	LOCAL	January 16, 2012 15:23:46						
<input type="checkbox"/> MASTER_ZOSV1.12 ▶ HBB7770								BCP Base
<input type="checkbox"/> MASTER_ZOSV1.12 ▶ HBB7770 ▶ HBB7770								
<input type="checkbox"/> MASTER_ZOSV1.12 ▶ HBB7770 ▶ HBB7770 ▶ AA37192			TGTZ12		UA63547	HIPER	FUL	
<input type="checkbox"/> MASTER_ZOSV1.12 ▶ HBB7770 ▶ HBB7770 ▶ AA37848			TGTZ12		UA63539	HIPER	PRF	
<input type="checkbox"/> MASTER_ZOSV1.12 ▶ HBB7770 ▶ HBB7770 ▶ AA37905			TGTZ12		UA63624	HIPER	FUL	
<input type="checkbox"/> MASTER_ZOSV1.12 ▶ HBB7770 ▶ HBB7770 ▶ AA38065			TGTZ12		UA63517	HIPER	FUL	
<input type="checkbox"/> MASTER_ZOSV1.12 ▶ HBB7770 ▶ HBB7770 ▶ AA38087			TGTZ12		UA63263	HIPER	IPL	
<input type="checkbox"/> MASTER_ZOSV1.12 ▶ HBB7770 ▶ HBB7770 ▶ AA38094			TGTZ12			HIPER	IPL	
<input type="checkbox"/> MASTER_ZOSV1.12 ▶ HBB7770 ▶ HBB7770 ▶ AA38113			TGTZ12		UA63570	HIPER	IPL	

Total: 149, Filtered: 108, Selected: 0

Last refresh: Jan 29, 2014 2:56:30 PM

Step 4d ...



IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODs x Missing Critical Service x

Review the list of critical service and determine which service are critical for your installation. Use SMP/F to apply the resolving service to the corresponding target zone.

After you are done reviewing the output, click Actions, then Switch to Tree View

Id	SYSMOD /	Zone	Filter	Hold Sympt
MA	PTFS	LOCAL		Filter
MA	PTFS > HMP1J00			
MA	PTFS > HMP1J00 > HM			
MA	PTFS > HMP1J00 > HM	TSMP36	U001286	HIPER DAL
MA		January 16, 2012 15:23:46		
MA	HBB7770 > AA37192	TGTZ12	UA63547	HIPER FUL
MA	HBB7770 > AA37848	TGTZ12	UA63539	HIPER PRF
MA	HBB7770 > AA37905	TGTZ12	UA63624	HIPER FUL
MA	MASTER_ZOSV1.12 > HBB7770 > HBB7770 > AA38065	TGTZ12	UA63517	HIPER FUL
MA	MASTER_ZOSV1.12 > HBB7770 > HBB7770 > AA38087	TGTZ12	UA63263	HIPER IPL
MA	MASTER_ZOSV1.12 > HBB7770 > HBB7770 > AA38094	TGTZ12		HIPER IPL
MA	MASTER_ZOSV1.12 > HBB7770 > HBB7770 > AA38113	TGTZ12	UA63570	HIPER IPL

Total: 149, Filtered: 108, Selected: 0

Refresh Last refresh: Jan 29, 2014 2:56:30 PM

Close Hide

Step 4e: Report on “Master” Software Instances’ Instance Comparison

You will now run a report on a single software instance

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODs x Missing Critical Service x

Review the list of critical service and determine which service are critical for your installation. Use SMP/E to apply the resolving service to the corresponding target zone.

☒ Actions Match: All filters Table view: Tree

Software Instance / FMID / Held SYSMOD / Missing APAR Filter	System Filter	HOLDDATA Received (GMT) Filter	Target Zones Filter	Resolving SYSMODs Received in Global Zone Filter	Resolving SYSMODs Not in Global Zone Filter	Hold Class Contains "hiper" Filter	Hold Sympt Filter
<input checked="" type="checkbox"/> MASTER_SMPV3.6_WITHOUT_PTFS	LOCAL	January 16, 2012 15:23:46					
<input checked="" type="checkbox"/> HMP1J00							
<input checked="" type="checkbox"/> HMP1J00							
<input checked="" type="checkbox"/> AO14750			TSMP36	U001286		HIPER	DAL
<input type="checkbox"/> MASTER_ZOSV1.12	LOCAL	January 16, 2012 15:23:46					
<input type="checkbox"/> HBB7770							
<input type="checkbox"/> HBB7770							
<input type="checkbox"/> AA37192					UA63547	HIPER	FUL
<input type="checkbox"/> AA37848					UA63539	HIPER	PRF
<input type="checkbox"/> AA37905							
<input type="checkbox"/> AA38065							
<input type="checkbox"/> AA38087							
<input type="checkbox"/> AA38094							
<input type="checkbox"/> AA38113			TGTZ12		UA63570	HIPER	IPL

Total: 149, Filtered: 108, Selected: 4

Last refresh: Jan 29, 2014 2:56:30 PM

Click on MASTER_SMPV3.6_WITHOUT_PTFS software instance

Click Actions, Maintenance Reports, then Software Instance Comparison

Now you have to identify the software instance to compare to

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports > Compare Software Instances

Select Software Instance to Compare

First software instance: MASTER_SMPEV3.6_WITHOUT_PTFs on system LOCAL

Second Software Instance

Actions Match: All filters

Name Contains "MASTER"	System Filter	Messages Filter	Description Filter	Activity	Global Zone CSI Filter	Target Zones	Categories
<input checked="" type="radio"/> MASTER_SMPEV3.6_WITH_PTFs	LOCAL		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product with PTFs.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TSM36P	
<input type="radio"/> MASTER_ZOSV1.12			Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains z/OS V1R12 at CSU1105.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TGTZ12	
<input type="radio"/> MASTER_zOS_R13_w/Other_Pro	LOCAL		Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains z/OS V1R13 and over 20 other PTFs.		SMLAB01.GLOBAL.CSI	COB320T, DT910T, PLI410T, Z1130T	

Total: 3, Filtered: 3, Selected: 1

Refresh Last refresh: Jan 29, 2014 3:20:21

OK Cancel

Click on MASTER_SMPV3.6_WITH_PTFs software instance

After selecting the MASTER_SMPV3.6_WITH_PTFs software instance, click OK

1. **Select target zone TSMP36**
2. **Then click on Actions and Select Zones**

**A pop-up display allows you to select the target zone
in the second software instance**

The screenshot shows the IBM z/OS Management Facility interface. The main window displays the 'Select the Zones to Compare' section, which includes instructions on how to select target zones for comparison. Below the instructions, there is a table titled 'Target Zones to be Compared' with two columns: 'Target Zone in First Software Instance' and 'Target Zones in Second Software Instance'. The first column contains a checkbox and the text 'TSMP36'. The second column is currently blank. A yellow callout box with two steps is overlaid on the table:

1. Select target zone TSMP36P
2. Then click OK

A 'Select Zones' pop-up dialog is open on the right side of the screen. It contains the following text:

Select one or more target zones to compare with the selected target zones.

Selected target zones:
TSMP36

Compare with:

Target Zone in Second Software Instance

☒ TSMP36P

Total: 1, Selected: 1

Buttons: OK, Cancel, Help

Step 4e ...



IBM z/OS Management Facility

Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports > Select Zones

Select the Zones to Compare

To compare the selected software instances, z/OSMF needs to know which target zones to compare. Use the **Select Zones** action in the **Actions** menu to select the target zones to compare with. Target Zones in Second Software Instance column is blank, the corresponding target zone in the first software instance will not be included in the report.

First software instance: MASTER_SMPEV3.6_WITHOUT_PTFS on system LOCAL
Second software instance: MASTER_SMPEV3.6_WITH_PTFS on system LOCAL

Target Zones to be Compared

☒ ☐ Actions ▾

Target Zone in First Software Instance Filter	Target Zones in Second Software Instance Filter
<input checked="" type="checkbox"/> TSMP36	TSMP36P

Total: 1, Selected: 1

OK Cancel

After reviewing the information, Click OK

Step 4e ...



IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODs x Missing Critical Service x

Review the list of critical service and determine which service are critical for your installation. Use SMP/E to apply the resolving service to the corresponding target zone.

☒ ☐ Actions ▾ Match: All filters Table view: Tree

Software Instance / FMID / Held SYSMOD / Missing APAR Filter	System Filter	HOLDDATA Received (GMT) Filter	Target Zones Filter	Resolving SYSMODs Received in Global Zone Filter	Resolving SYSMODs Not in Global Zone Filter	Hold Class Contains "hiper" Filter	Hold Symp Filter
<input checked="" type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL	January 16, 2012 15:23:46					
<input checked="" type="checkbox"/> HMP1J00							
<input checked="" type="checkbox"/> HMP1J00							
<input checked="" type="checkbox"/> AO14750							
<input type="checkbox"/> MASTER_ZOSV1.12	LOCAL						
<input type="checkbox"/> HBB7770							
<input type="checkbox"/> HBB7770							
<input type="checkbox"/> AA37192							
<input type="checkbox"/> AA37848							
<input type="checkbox"/> AA37905							
<input type="checkbox"/> AA38065							
<input type="checkbox"/> AA38087							
<input type="checkbox"/> AA38094							
<input type="checkbox"/> AA38113			TGTZ12		UA63570	HIPER	IPL

Total: 149, Filtered: 108, Selected: 4

Last refresh: Jan 29, 2014 3:32:11 PM

Creating the Software Instance Comparison report. This request might take several minutes to complete.

Pop-up window to alert you that this might take a few minutes, and allow you to cancel, just let it complete

Results shown in a scrollable tree table. You will have to expand each row to see the actual results.

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODS x Missing Critical Service x Software Instance Comparison x

Review the list of SYSMODs found in the second software instance, but not in the first software instance. If the software instances need to be at the same service level or contain the same function target zones in the first software instance.

First software instance: MASTER_SMPEV3.6_WITHOUT_PTFS on system LOCAL
 Second software instance: MASTER_SMPEV3.6_WITH_PTFS on system LOCAL

SYSMODs Not Found in First Software Instance

☒ ☐ Actions ▾ Table view: Tree

	FMID/SYSMOD Filter	Description Filter	Type Filter	Target Zone in First Software Instance Filter	Target Zone in Second Software Instance Filter	SYSMOD Received in Global Zone Filter
<input type="checkbox"/>	+ HBCNC00	SMP/E Planning and Migration Assistant Software Info Base				
<input type="checkbox"/>	+ HBCND0B	SMP/E Planning and Migration Assistant				
<input type="checkbox"/>	+ HMP1J00	SMP/E Base				

Total: 16, Selected: 0

Notice that a fourth tab was created under Maintenance Reports.

Step 4c ...

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODs x Missing Critical Service x **Software Instance Comparison** x

Review the list of SYSMODs found in the second software instance, but not in the first software instance. If the software instances need to be at the same service level or contain the same function target zones in the first software instance.

First software instance: MASTER_SMPEV3.6_WITHOUT_PTFS on system LOCAL
Second software instance: MASTER_SMPEV3.6_WITH_PTFS on system LOCAL

SYSMODs Not Found in First Software Instance

☒ Actions Table view: Tree

- Expand
- Collapse
- ☒ Select All
- ☐ Deselect All
- Configure Columns...
- Modify Filters...
- Hide Filter Row
- Clear Filters
- Modify Sort...
- Clear Sorts
- Export Table Data
- Print Table Data
- Expand All**
- Collapse All
- Switch to Non-Tree View

Function	Type	Target Zone in First Software Instance	Target Zone in Second Software Instance	SYSMOD Received in Global Zone
Filter	Filter	Filter	Filter	Filter
Planning and Information Assistant Info Base				
Planning and Information Assistant				
Base				

Total: 16, Selected: 0

Close Hide

Click Actions, then Expand All

Similar to REPORT SYSMODs Output
displayed in tree table format. The REPORT SYSMODs command only report
on GLOBAL zones that are accessible where the command is run. Software
Management can compare software instances where either one of them
resides ANYWHERE in your enterprise!!!

Maintenance

SYSMOD Search x Missing FIXCAT SYSMODs x Missing Software Instance Comparison x

Review the list of SYSMODs found in the second software instance, but not in the first software instance. If the software instances need to be at the same service level or contain the same functional target zones in the first software instance.

First software instance: MASTER_SMPEV3.6_WITHOUT_PTFS on system LOCAL
 Second software instance: MASTER_SMPEV3.6_WITH_PTFS on system LOCAL

SYSMODs Not Found in First Software Instance

☒ Actions Table view: Tree

FMID/SYSMOD Filter	Description Filter	Type Filter	Target Zone in First Software Instance Filter	Target Zone in Second Software Instance Filter	SYSMOD Received in Global Zone Filter
<input type="checkbox"/> HBCNC00	SMP/E Planning and Migration Assistant Software Info Base				
<input type="checkbox"/> UO01301		PTF	TSMP36	TSMP36P	No
<input type="checkbox"/> HBCND0B	SMP/E Planning and Migration Assistant				
<input type="checkbox"/> UO01185		PTF	TSMP36	TSMP36P	No
<input type="checkbox"/> UO01268		PTF	TSMP36	TSMP36P	No
<input type="checkbox"/> UR53091		PTF	TSMP36	TSMP36P	No
<input type="checkbox"/> HMP1J00	SMP/E Base				
<input type="checkbox"/> UAPTFO1		USERMOD	TSMP36	TSMP36P	No
<input type="checkbox"/> UO01198		PTF	TSMP36	TSMP36P	No
<input type="checkbox"/> UO01245		PTF	TSMP36	TSMP36P	No
<input type="checkbox"/> UO01247		PTF	TSMP36	TSMP36P	No
<input type="checkbox"/> UO01253		PTF	TSMP36	TSMP36P	No
<input type="checkbox"/> UO01264		PTF	TSMP36	TSMP36P	No

Total: 16, Selected: 0

Close Hide

Step 4f: Report on “Master” Software Instances’ Instance Validation

To prepare for the next report, you will go back to the Missing Critical Service tab

Step 4f

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODs x **Missing Critical Service** x Software Instance Comparison x

Review the list of SYSMODs found in the second software instance, but not in the first software instance. If the software instances need to be at the same service level or contain the same function target zones in the first software instance.

First software instance: MASTER_SMPEV3.6_WITHOUT_PTFS on system LOCAL
 Second software instance: MASTER_SMPEV3.6_WITH_PTFS on system LOCAL

SYSMODs Not Found in First Software Instance

☒ ☐ Actions Table view: Tree

FMID/SYSMOD Filter	Description Filter	Type Filter				
<input type="checkbox"/> HBCNC00	SMP/E Planning and Migration Assistant Software Info Base					
<input type="checkbox"/> UO01301		PTF	TSMP36	TSMP36P		No
<input type="checkbox"/> HBCND0B	SMP/E Planning and Migration Assistant					
<input type="checkbox"/> UO01185		PTF	TSMP36	TSMP36P		No
<input type="checkbox"/> UO01268		PTF	TSMP36	TSMP36P		No
<input type="checkbox"/> UR53091		PTF	TSMP36	TSMP36P		No
<input type="checkbox"/> HMP1J00	SMP/E Base					
<input type="checkbox"/> UAPTF01		USERMOD	TSMP36	TSMP36P		No
<input type="checkbox"/> UO01198		PTF	TSMP36	TSMP36P		No
<input type="checkbox"/> UO01245		PTF	TSMP36	TSMP36P		No
<input type="checkbox"/> UO01247		PTF	TSMP36	TSMP36P		No
<input type="checkbox"/> UO01253		PTF	TSMP36	TSMP36P		No
<input type="checkbox"/> UO01264		PTF	TSMP36	TSMP36P		No
Total: 16, Selected: 0						

Close Hide

Click on the Missing Critical Service tab

Now you will perform two software instance validation. First the simple one, then the more complex software instance.

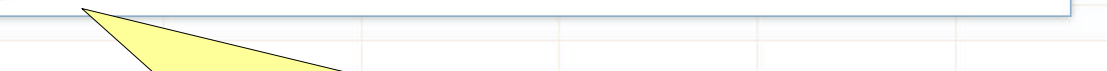
The screenshot shows the IBM z/OS Management Facility interface. The breadcrumb navigation is 'Software Management > Software Instances > Maintenance Reports'. The 'Maintenance Reports' section is active, showing a table of software instances. A yellow callout box highlights the steps: 1. Make sure the MASTER_SMPV3.6_WITHOUT_PTFS software instance is selected. 2. Then click Actions, Maintenance Reports, then Software Instance Validation. The 'Actions' menu is open, showing 'Maintenance Reports' > 'Software Instance Validation'.

1. Make sure the MASTER_SMPV3.6_WITHOUT_PTFS software instance is selected
2. Then click Actions, Maintenance Reports, then Software Instance Validation

The Software Instance Validation report helps you verify that the software libraries that are associated with a software instance exist and contain the appropriate parts. When you generate the Software Instance Validation report, z/OSMF compares the entries in the SMP/E zones for the software instance to the content of the currently accessible DASD volumes, and reports any discrepancies as errors.

This action:

- Will display additional information, not available through batch SMP/E
- Can be performed against software instances throughout your enterprise



Pop-up window to alert you that this might take a few minutes, and allow you to cancel, just let it complete

The results are displayed.

Step 4f ...

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODs x Missing Critical Service x Software Instance Comparison x Software Instance Validation x

Selected software instance: MASTER_SMPEV3.6_WITHOUT_PTFS on system LOCAL
Date validated: Jan 29, 2014 5:38:30 PM (Local)

Errors

Actions ▾ | Revalidate

Message ID Filter	Message Text Filter	Data Set Name Filter
There is no data to display.		

Total: 0

[Close](#) [Hide](#)

Note: It is expected that no errors will be found for this instance.

To prepare for the more complex instance validation, you will need to go back to the Missing FIXCAT SYSMODs tab

The screenshot displays the IBM z/OS Management Facility web interface. At the top, the title bar reads "IBM z/OS Management Facility" and "Welcome shara01". Below this, a breadcrumb trail shows "Software Management > Software Instances > Maintenance Reports". The "Maintenance Reports" section contains several tabs: "SYSMOD Search", "Missing FIXCAT SYSMODs", "Missing Critical Service", "Software Instance Comparison", and "Software Instance Validation". The "Missing FIXCAT SYSMODs" tab is currently selected. Below the tabs, the interface shows "Selected software instance: MASTER_SMPEV3.6_WITHOUT_FIXES on system LOCAL" and "Date validated: Jan 29, 2014 5:38:30 PM (Local)". An "Errors" section is visible with an "Actions" dropdown menu set to "Revalidate". Below this is a table with columns "Message ID" and "Message Text", both with "Filter" links. At the bottom of the table area, it says "Total: 0". There are "Close" and "Hide" buttons at the very bottom of the interface.

Click on the Missing FIXCAT SYSMODs tab

Step 4f ...



IBM z/OS Management Facility

Welcome shara01

Welcome x Software Man... x

Software Management x Software Instances x Maintenance Reports

Maintenance Reports

SYSMOD Search x

Missing FIXCAT SYSMODs x

Missing Critical Service x

Software Instance Comparison x

Software Instance Validation x

Review the list of fix categories and determine which APARs are critical for your installation. Use SMP/E to apply the resolving SYSMODs to the corresponding target zone.

☒
☐
Actions
Table view: Tree

Software Instance / Fix Category / FMID / Missing APAR Filter	System Filter	HOLDDATA Received (GMT) Filter	Target Zones Filter	Resolving SYSMODs Received in Global Zone Filter	Resolving SYSMODs Not in Global Zone Filter	FMID Description Filter
<input type="checkbox"/> + MASTER_SMPEV3.6_WITH_PTFS	LOCAL	January 16, 2012 15:38:30				
<input type="checkbox"/> + MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL	January 16, 2012 15:38:30				
<input type="checkbox"/> + MASTER_ZOSV1.12	LOCAL	January 16, 2012 15:38:30				
<input checked="" type="checkbox"/> + MASTER_zOS_R13_w/Other_Product	LOCAL	September 28, 2012 11:33:57				

Total: 556, Selected: 318

Refresh

Last refresh: Jan 29, 2014 3:31:09 PM

Close

Hide

Deselect the other software instances so that only the MASTER_zOS_R13_w/Other_Product software instance is selected.

Step 4f ...



IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance

Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODs x Missing Critical Service x Software Instance Validation x

Review the list of fix categories and determine which APARs are critical for you. Use the Resolve button to apply the resolving SYSMODs to the corresponding target zone.

Actions Table view: Tree

- View
- Maintenance Reports
- Expand
- Collapse
- Select All
- Deselect All
- Configure Columns...
- Modify Filters...
- Hide Filter Row
- Clear Filters
- Modify Sort...
- Clear Sorts
- Export Table Data
- Print Table Data
- Expand All
- Collapse All
- Switch to Non-Tree View

FMID / Missing	System	Received (GMT)	Target Zones	Resolving SYSMODs Received in Global Zone	Resolving SYSMODs Not in Global Zone	FMID Description
PTFS	LOCAL	January 16, 2012 15:38:30				
	LOCAL	January 16, 2012 15:38:30				
duct	LOCAL	September 28, 2012 11:33:57				

Total: 556, Selected: 318

Refresh Last refresh: Jan 29, 2014 3:31:09 PM

Close Hide

Then click Actions, Maintenance Reports, then Software Instance Validation

Step 4f ...

This validation will take a few minutes to complete

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODs x Missing Critical Service x Software Instance Comparison x Software Instance Validation x

Review the list of fix categories and determine which APARs are critical for your installation. Use SMP/E to apply the resolving SYSMODs to the corresponding target zone.

☒ ☐ Actions ▾ Table view: Tree

Software Instance / Fix Category / FMID / Missing APAR Filter	System Filter	HOLDDATA Received (GMT) Filter	Target Zones Filter	Resolving SYSMODs Received in Global Zone Filter	Resolving SYSMODs Not in Global Zone Filter	FMID Description Filter
<input type="checkbox"/> MASTER_SMPEV3.6_WITH_PTFS	LOCAL	January 16, 2012 15:38:30				
<input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL	January 16, 2012				
<input type="checkbox"/> MASTER_ZOSV1.12	LOCAL					
<input checked="" type="checkbox"/> MASTER_zOS_R13_w/Other_Product	LOCAL					

Validating software instance "MASTER_zOS_R13_w/Other_Product". This request might take several minutes to complete.

52%

Cancel

Total: 556, Selected: 318

Last refresh: Jan 29, 2014 3:31:09 PM

- If you are in a rush, click on Cancel.
- Otherwise, just let it complete.

Note: Errors were introduced in the software instance to show errors. The kinds of validation errors that are identified include DDDEFs pointing to the wrong data sets, file systems not mounted, or ...

Welcome x Software Man...

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x Missing FIXCAT SYSMODS x Missing Critical Service x Software Instance Comparison x Software Instance Validation x Software Instance Validation x

Selected software instance: MASTER_zOS_R13_w/Other_Product on system LOCAL
Date validated: Jan 29, 2014 5:51:27 PM (Local)

Errors

Actions ▾ | Revalidate

Message ID Filter	Message Text Filter	Data Set Name Filter
✖ GIM70564E	LMOD ABJDBG was not found in data set DT910.SABJMOD1 on volume SHAR01 from DDDEF entry SABJMOD1 in TARGET zone DT910T.	DT910.SABJMOD1
✖ GIM70565E	A ALIAS for LMOD CNMCNETV was not found in data set NETVIEW.SCNMLPA1 on volume SHAR01 from DDDEF entry SCNMLPA1 in TARGET zone Z1130T. The ALIAS is CNMNETV.	NETVIEW.SCNMLPA1
✖ GIM70562E	SAMP IBMZCPLG was not found in data set PLI410.SIBMZPRC on volume SHAR01 from DDDEF entry SIBMZPRC in TARGET zone PLI410T. The FMID for IBMZCPLG is H270410 and the RMID is H270410.	PLI410.SIBMZPRC
✖ GIM70567E	A LINK for HFS CDSLMO08 was not found in directory /sharelab /SMLAB01/usr/lpp/ocsf/IBM/ from DDDEF entry SCDSHFS in TARGET zone Z1130T. The FMID is HCRY740 and the RMID is HCRY740. The LINK is ../lpp/ocsf_baseivp.	SMLAB01.ROOT
✖ GIM70563E	A ALIAS for DATA IRRSPIMH was not found in data set SYS1.SIEAHDR.H on volume SHAR01 from DDDEF entry SIEAHDR in TARGET zone Z1130T. The FMID is HBB7780 and the RMID is HBB7780. The ALIAS is IRRSPIM.	SYS1.SIEAHDR.H

Total: 5

Close Hide

- Load module missing from its target library
- A load module alias is missing from its target library
- An SMP/E SAMP element is missing from its target library
- A z/OS UNIX LINK was not found in mounted file systems
- A z/OS UNIX SYMLINK was not found in mounted file systems
- An alias of an SMP/E DATA element is missing from its target library

Step 5: View Products

Step 5



IBM z/OS Management Facility

Welcome shara01

Welcome x Software Man... x

Software Management > Software Instances > Maintenance Reports

Maintenance Reports

SYSMOD Search x

Missing FIXCAT SYSMODS x

Missing Critical Service

Selected software instance: MASTER_zOS_R13_w/Other_Product on system Local

Date validated: Jan 29, 2014 5:51:27 PM (Local)

Errors

Actions ▾

Revalidate

Message ID Filter	Message Text Filter	Data Set Name Filter
✖ GIM70564E	LMOD ABJDBG was not found in data set DT910.SABJMOD1 on volume SHAR01 from DDDEF entry SABJMOD1 in TARGET zone DT910T.	DT910.SABJMOD1
✖ GIM70565E	A ALIAS for LMOD CNMNETV was not found in data set NETVIEW.SCNMLPA1 on volume SHAR01 from DDDEF entry SCNMLPA1 in TARGET zone Z1130T. The ALIAS is CNMNETV.	NETVIEW.SCNMLPA1
✖ GIM70562E	SAMP IBMZCPLG was not found in data set PLI410.SIBMZPRC on volume SHAR01 from DDDEF entry SIBMZPRC in TARGET zone PLI410T. The FMID for IBMZCPLG is H270410 and the RMID is H270410.	PLI410.SIBMZPRC
✖ GIM70567E	A LINK for HFS CDSLM008 was not found in directory /sharelab /SMLAB01/usr/lpp/ocsf/IBM/ from DDDEF entry SCDSHFS in TARGET zone Z1130T. The FMID is HCRY740 and the RMID is HCRY740. The LINK is ../lpp/ocsf_baseivp.	SMLAB01.ROOT
✖ GIM70563E	A ALIAS for DATA IRRSPIMH was not found in data set SYS1.SIEAHDR.H on volume SHAR01 from DDDEF entry SIEAHDR in TARGET zone Z1130T. The FMID is HBB7780 and the RMID is HBB7780. The ALIAS is IRRSPIM.	SYS1.SIEAHDR.H

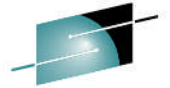
Total: 5

Close

Hide

After reviewing the message, click Software Management 'bread crumb'

Step 5 ...



Click on Products

IBM z/OS Management Facility

Welcome shara01

Welcome x Software Man... x

Software Management

Use this task to view details about your software inventory, including related products, features, FMIDs, data sets, deployments, and SYSMODs. [Learn more...](#)

Software Instances	Define your software to z/OSMF; deploy software; generate reports about your software.
Products	View a consolidated list of the products included in each software instance.
Deployments	Deploy a software instance, and manage existing deployments.
Categories	Create new categories for your software instances and deployments, and manage existing categories.
Settings	Select the time zone in which to display date and time data. Indicate whether to display or suppress information messages.

A list of installed products is displayed. It can be sorted using ANY column or filtered.

IBM z/OS Management Facility Welcome shara01 Log out

Welcome x Software Man... x

Software Management > Products Help

Products

This table lists the products that are installed in at least one instance where the product information was retrieved. To ensure that this list reflects the latest SMP/E information, use the **Retrieve Product, Feature, and FMID Information** action provided in the Software Instances view. [Learn more...](#)

Switch To: ▼

<input checked="" type="checkbox"/> Actions ▼	Product Filter	Release Filter	Product ID Filter	Messages Filter	Vendor Filter	General Availability Filter	End of Service Filter	Additional Product Inform Filter
<input type="checkbox"/>	System Modification Program Extended for z/OS	03.06.00	5655-G44		IBM	Sep 30, 2011	✓ Not Announced	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;apname=ShopzSeries&
<input type="checkbox"/>	z/OS	01.12.00	5694-A01		IBM	Sep 24, 2010	⚠ Sep 30, 2014	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;apname=ShopzSeries&
<input type="checkbox"/>	Enterprise COBOL for z/OS and OS/390	03.02.00	5655-G53		IBM	Sep 27, 2002	✗ Oct 3, 2005	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;apname=ShopzSeries&
<input type="checkbox"/>	Debug Tool V9	09.01.00	5655-U27		IBM	Sep 26, 2008	✗ Apr 30, 2012	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;apname=ShopzSeries&
<input type="checkbox"/>	Enterprise PL/I V4	04.01.00	5655-W67		IBM	Sep 24, 2010	⚠ Apr 30, 2014	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;apname=ShopzSeries&
<input type="checkbox"/>	z/OS	01.13.00	5694-A01		IBM	Sep 30, 2011	✓ Not Announced	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;apname=ShopzSeries&
<input type="checkbox"/>	AFP FONT COLLECTION FOR S/390	02.01.01	5648-B33		IBM	Oct 27, 2000	✓ Not Announced	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;apname=ShopzSeries&

Total: 27, Selected: 0

[Refresh](#) Last refresh: Jan 29, 2014 5:56:32 PM

[Close](#)

Note: There is no easy way to compile a list of all installed products across your enterprise using SMP/E list commands or query functions.

For example clicking on Product will sort the table based on product name.

Click on Product

IBM z/OS Management Facility vveicome shara01 Log out IBM

Welcome x Software Man... x

Software Management > Products Help

Products

This table lists the products that are installed in at least one software instance where the product information was retrieved. To ensure that this list reflects the latest SMP/E information, use the **Retrieve Product, Feature, and FMID Information** action provided in the Software Instances view. [Learn more...](#)

Switch To: ▾

<input checked="" type="checkbox"/>	Actions ▾	Product Filter	Release Filter	Product ID Filter	Messages Filter	Vendor Filter	General Availability Filter	End of Service Filter	Additional Product Information Filter
<input type="checkbox"/>		System Modification Program Extended for z/OS	03.06.00	5655-G44		IBM	Sep 30, 2011	✓ Not Announced	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appid=ShopzSeries&
<input type="checkbox"/>		z/OS	01.12.00	5694-A01		IBM	Sep 24, 2010	⚠ Sep 30, 2014	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appid=ShopzSeries&
<input type="checkbox"/>		Enterprise COBOL for z/OS and OS/390	03.02.00	5655-G53		IBM	Sep 27, 2002	✗ Oct 3, 2005	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appid=ShopzSeries&
<input type="checkbox"/>		Debug Tool V9	09.01.00	5655-U27		IBM	Sep 26, 2008	✗ Apr 30, 2012	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appid=ShopzSeries&
<input type="checkbox"/>		Enterprise PL/I V4	04.01.00	5655-W67		IBM	Sep 24, 2010	⚠ Apr 30, 2014	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appid=ShopzSeries&
<input type="checkbox"/>		z/OS	01.13.00	5694-A01		IBM	Sep 30, 2011	✓ Not Announced	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appid=ShopzSeries&
<input type="checkbox"/>		AFP FONT COLLECTION FOR S/390	02.01.01	5648-B33		IBM	Oct 27, 2000	✓ Not Announced	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appid=ShopzSeries&

Total: 27, Selected: 0

Last refresh: Jan 29, 2014 5:56:32 PM

The table is now sorted and a triangle point up is now displayed in the Product column heading.

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Products

Products

This table lists the products that are installed in at least one software instance where the product information was retrieved. To ensure that this list reflects the latest SMP/E information, use the **Retrieve Product, Feature, and FMID Information** action provided in the Software Instances view. [Learn more...](#)

Switch To: ▾

Product Filter ▲	Release Filter	Product ID Filter	Messages Filter	Vendor Filter	General Availability Filter	End of Service Filter	Additional Product Inform Filter
<input type="checkbox"/> AFP FONT COLLECTION FOR S/390	02.01.01	5648-B33		IBM	Oct 27, 2000	✓ Not Announced	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appname=ShopzSeries&
<input type="checkbox"/> DITTO/ESA FOR MVS	01.03.00	5655-103		IBM	Jun 25, 1999	✓ Not Announced	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appname=ShopzSeries&
<input type="checkbox"/> Debug Tool V12	12.01.00	5655-W70		IBM	May 11, 2012	✓ Not Announced	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appname=ShopzSeries&
<input type="checkbox"/> Debug Tool V9	09.01.00	5655-U27		IBM	Sep 26, 2008	✗ Apr 30, 2012	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appname=ShopzSeries&
<input type="checkbox"/> Enterprise COBOL V4	04.02.00	5655-S71		IBM	Aug 28, 2009	✓ Not Announced	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appname=ShopzSeries&
<input type="checkbox"/> Enterprise COBOL for z/OS and OS/390	03.02.00	5655-G53		IBM	Sep 27, 2002		http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appname=ShopzSeries&
<input type="checkbox"/> Enterprise PL/I V4	04.01.00	5655-W67		IBM	Sep 27, 2002		http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appname=ShopzSeries&

Total: 27, Selected: 0

Refresh Last refresh: Jan 29, 2014 5:56:32 PM

Close

Again, you can click the Additional Product Information link and view the IBM Sales Manual description of the product in another tab of your browser session

Step 5 ...



IBM z/OS Management Facility

Welcome shara01

Log out

Welcome x Software Man... x

Software Management » Products


Help

Products

This table lists the products that are installed in at least one software instance where the product information was retrieved. To ensure that this list reflects the latest SMP/E information, use the **Retrieve Product, Feature, and FMID Information** action provided in the Software Instances view. [Learn more...](#)

☒

Actions

Click  to select all software products

Switch To: ▼

Product Filter	Release Filter	Product ID Filter	Messages Filter	Vendor Filter	General Availability Filter	End of Service Filter	Additional Product Inform Filter
<input type="checkbox"/> AFP FONT COLLECTION FOR S/390	02.01.01	5648-B33		IBM	Oct 27, 2000	✓ Not Announced	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appname=ShopzSeries&
<input type="checkbox"/> DITTO/ESA FOR MVS	01.03.00	5655-103		IBM	Jun 25, 1999	✓ Not Announced	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appname=ShopzSeries&
<input type="checkbox"/> Debug Tool V12	12.01.00	5655-W70		IBM	May 11, 2012	✓ Not Announced	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appname=ShopzSeries&
<input type="checkbox"/> Debug Tool V9	09.01.00	5655-U27		IBM	Sep 26, 2008	✗ Apr 30, 2012	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appname=ShopzSeries&
<input type="checkbox"/> Enterprise COBOL V4	04.02.00	5655-S71		IBM	Aug 28, 2009	✓ Not Announced	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appname=ShopzSeries&
<input type="checkbox"/> Enterprise COBOL for z/OS and OS/390	03.02.00	5655-G53		IBM	Sep 27, 2002	✗ Oct 3, 2005	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appname=ShopzSeries&
<input type="checkbox"/> Enterprise PL/I V4	04.01.00	5655-W67		IBM	Sep 24, 2010	⚠ Apr 30, 2014	http://www-01.ibm.com/cgi-bin/ssialias?infotype=dd;appname=ShopzSeries&

Total: 27, Selected: 0

Refresh

Last refresh: Jan 29, 2014 5:56:32 PM

Close

Click Actions, View, and then Software Instances

For each product, all the software instances where that product is installed will be displayed.

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management > Products > View Software Instances

View Software Instances by Product

Software Instances by Product

☒ ☐ Actions Table view: Tree

Product / Software Instance Filter	Release Filter	Product ID Filter	Messages Filter	Vendor Filter	General Availability Filter	End of Service Filter	Addit Filter
<input type="checkbox"/> + System Modification Program Extended for z/OS	03.06.00	5655-G44		IBM	Sep 30, 2011	<input checked="" type="checkbox"/> Not Announced	http://bin/ss.appn2
<input type="checkbox"/> + z/OS	01.12.00	5694-A01		IBM	Sep 24, 2010	<input type="checkbox"/> Sep 30, 2014	http://bin/ss.appn2
<input type="checkbox"/> + Enterprise COBOL for z/OS and OS/390	03.02.00	5655-G53		IBM	Sep 27, 2002	<input type="checkbox"/> Oct 3, 2005	http://bin/ss.appn2
<input type="checkbox"/> + Debug Tool V9	09.01.00	5655-U27		IBM	Sep 26, 2008	<input type="checkbox"/> Apr 30, 2012	http://bin/ss.appn2
<input type="checkbox"/> + Enterprise PL/I V4	04.01.00	5655-W67		IBM	Sep 24, 2010	<input type="checkbox"/> Apr 30, 2014	http://bin/ss.appn2
<input type="checkbox"/> + z/OS	01.13.00	5694-A01		IBM	Sep 30, 2011	<input checked="" type="checkbox"/> Not Announced	http://bin/ss.appn2
<input type="checkbox"/> + AFP FONT COLLECTION FOR S/390	02.01.01	5648-B33		IBM	Oct 27, 2000	<input checked="" type="checkbox"/> Not Announced	http://bin/ss.appn2
<input type="checkbox"/> + Debug Tool V12	12.01.00	5655-W70		IBM	May 11, 2012	<input checked="" type="checkbox"/> Not Announced	http://bin/ss.abon2

Total: 55, Selected: 0

Last refresh: Jan 29, 2014 6:20:54 PM

Click Actions, then Expand All

Step 5 ...

Again, you can click on Actions, then Export Table Data, then All Data to export your list of SMP/E installed products to a file on your workstation so that you can use spreadsheet functions to manipulate the data or print it. Since you are using lab workstations, please don't do that.

IBM z/OS Management Center

Welcome x Software Man...

Software Management > Products

View Software Instances by Product

Software Instances by Product

☒ Actions ☐ Table view: Tree

Product / Software Instance Filter	Release Filter	Product ID Filter	Messages Filter	Vendor Filter	General Availability Filter	End of Service Filter	Addit Filter
<input type="checkbox"/> System Modification Program Extended for z/OS	03.06.00	5655-G44		IBM	Sep 30, 2011	<input checked="" type="checkbox"/> Not Announced	http://bin/ss.appna
<input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFS							
<input type="checkbox"/> MASTER_SMPEV3.6_WITH_PTFS							
<input type="checkbox"/> z/OS	01.12.00	5694-A01		IBM	Sep 24, 2010	<input type="checkbox"/> Sep 30, 2014	http://bin/ss.appna
<input type="checkbox"/> MASTER_ZOSV1.12							
<input type="checkbox"/> Enterprise COBOL for z/OS and OS/390	03.02.00	5655-G53		IBM	Sep 27, 2002	<input checked="" type="checkbox"/> Oct 3, 2005	http://bin/ss.appna
<input type="checkbox"/> MASTER_OS_E10_10M_5_1_1							

Total: 55, Selected: 0

Refresh Last refresh: Jan 29, 2014 6:20:54 PM

Close

You can scroll right

Note: It is common to have the same product installed in multiple software instances. However, these products with announced end of service dates are only installed in one software instance.

Step 5 ...

This column shows the system where the software instance is accessible from. Unfortunately for the lab you only have access to one local system.

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Products > View Software Instances

View Software Instances by Product

Software Instances by Product

☒ Actions ☐ Table view: Tree

Product / Software Instance Filter	System Filter	Description Filter	Activity Filter	Global Zone CSI Filter	Target Zones Filter	Categories Filter	Product, Feature, and FMID Information Retrieved (Local) Filter
<input type="checkbox"/> System Modification Program Extended for z/OS							
<input type="checkbox"/> ■ MASTER_SMPEV3.6_WITHOUT_PTFs	LOCAL	Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product without any PTFs.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TSMP36		Aug 10, 2013 7:28:52 PM
<input type="checkbox"/> ■ MASTER_SMPEV3.6_WITH_PTFs	LOCAL	Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product with PTFs.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TSMP36P		Oct 23, 2013 4:52:04 PM
<input type="checkbox"/> z/OS							
<input type="checkbox"/> ■ MASTER_ZOSV1.12	LOCAL	Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains z/OS V1R12 at RSU1105.		ZOSMF.SWDEPLOY.GLOBAL.CSI	TGTZ12		Aug 12, 2013 3:56:18 PM
<input type="checkbox"/> Enterprise COBOL for z/OS and OS/390							
<input type="checkbox"/> ■ MASTER_OS390_V1R12_001	LOCAL	Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains OS/390 V1R12 at RSU1105.		ZOSMF.SWDEPLOY.GLOBAL.CSI	OS390V1R12		Aug 12, 2013 3:56:18 PM

Close

You can scroll right to see who created and who last modified the software instance

Step 6: Deployments

Step 6



IBM z/OS Management Facility

Welcome shara01

Welcome x Software Man... x

Software Management > Products > View Software Instances

View Software Instances by Product

Software Instances by Product

☒ Actions
 Table view: Tree

Product / Software Instance Filter	System Filter	Description Filter	Filter	Filter	Filter	Filter	Filter	Product, Feature, and FMID Information Retrieved (Local) Filter
<input type="checkbox"/> System Modification Program Extended for z/OS								
<input type="checkbox"/> ■ MASTER_SMPEV3.6_WITHOUT_PTFs	LOCAL	Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product without any PTFs.			ZOSMF.SWDEPLOY.GLOBAL.CSI	TSMP36		Aug 10, 2013 7:28:52 PM
<input type="checkbox"/> ■ MASTER_SMPEV3.6_WITH_PTFs	LOCAL	Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product with PTFs.			ZOSMF.SWDEPLOY.GLOBAL.CSI	TSMP36P		Oct 23, 2013 4:52:04 PM
<input type="checkbox"/> z/OS								
<input type="checkbox"/> ■ MASTER_ZOSV1.12	LOCAL	Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains z/OS V1R12 at RSU1105.			ZOSMF.SWDEPLOY.GLOBAL.CSI	TGTZ12		Aug 12, 2013 3:56:18 PM
<input type="checkbox"/> Enterprise COBOL for z/OS and OS/390								
<input type="checkbox"/> ■ MASTER_OS390_V1R10_001	LOCAL	Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains OS/390 V1R10 at RSU1105.			ZOSMF.SWDEPLOY.GLOBAL.CSI	OS390V1R10_001		Aug 12, 2013 3:56:18 PM

Total: 55, Selected: 0

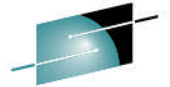
Refresh Last refresh: Jan 29, 2014 6:20:54 PM

Close

Click on the Software Management 'bread crumb' (again)

Step 6 ...

Select Deployments



IBM z/OS Management Facility

Welcome shara01

Welcome x Software Man... x

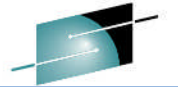
Software Management

Use this task to view details about your software inventory, including related products, features, FMIDs, data sets, deployments, and SYSMODs. [Learn more...](#)

Software Instances	Define your software to z/OSMF; deploy software; generate reports about your software.
Products	View a consolidated list of the products included in each software instance.
Deployments	Deploy a software instance, and manage existing deployments.
Categories	Create new categories for your software instances and deployments, and manage existing categories.
Settings	Select the time zone in which to display date and time data. Indicate whether to display or suppress information messages.

Step 6 ...

You see a complete list of deployments.



IBM z/OS Management Facility Welcome shara01 [Log out](#)

Welcome x Software Man... x

[Software Management](#) > [Deployments](#) [Help](#)

Deployments

To deploy a software instance, create a new deployment by selecting **New** or **Copy** from the Actions menu.

Switch To: ▾

☒ ☐ Actions ▾

Name Filter	Description Filter	Activity Filter	Categories Filter	Source Software Instance Filter	Source System Filter	Target Software Instance Filter	Target System Filter	Target Global Zone CSI Filter	Copy DLIBs Filter
<input type="checkbox"/> DEMO_Deployment_S	This is a sample deployment that may be used for demos.	Completed		MASTER_SMPEV3.6_WITH_PTF	LOCAL	DEMO_SMPEV3.6_WITH_PTF	LOCAL	ZOSMF.SWDEPLOY.GLOBAL.CSI	

Total: 1, Selected: 0

[Refresh](#) Last refresh: Jan 29, 2014 6:32:58 PM local time (Jan 29, 2014 11:32:58 PM GMT)

[Close](#)

To deploy a software instance, create a new deployment by selecting Step 6 ... New or Copy from the Actions menu.

IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management » Deployments

Deployments

To deploy a software instance, create a new deployment by selecting **New** or **Copy** from the Actions menu.

<input checked="" type="checkbox"/>	<input type="checkbox"/>	Actions	Name	Activity Filter	Categories Filter	Source Software Instance Filter	Source System Filter	Target Software Instance Filter	Target System Filter
<input type="checkbox"/>	<input type="checkbox"/>	Modify View Copy... Cancel Remove... New... Select All Deselect All Configure Columns... Modify Filters... Hide Filter Row Clear Filters Modify Sort... Clear Sorts	sample deployment be used for demos.	Completed		MASTER_SMPEV3.6_WITH_PTFS	LOCAL	DEMO_SMPEV3.6_WITH_PTFS	LOCAL

Total: 1, Selected: 0

Last refresh: Jan 29, 2014 6:32:58 PM local time (Jan 29, 2014 11:32:58 PM GMT)

The deployment checklist leads you through the new deployment

Step 6 ...



IBM z/OS Management Facility Welcome shara01

Welcome x Software Man... x

Software Management » Deployments » Deployment Checklist

Deployment Checklist

To deploy a software instance, complete the checklist.

Checklist

Progress	Step
➔	1. Specify the properties for this deployment.
	2. Select the software instance to deploy.
	3. Select the objective for this deployment.
	4. Check for missing SYSMODs. <ul style="list-style-type: none">• View missing SYSMOD reports.
	5. Configure this deployment.
	6. Define the job settings. z/OSMF creates the deployment summary and jobs. <ul style="list-style-type: none">• View the deployment summary.• View the deployment jobs.
	7. Specify the properties for the target software instance.

Close

Note: A separate lab is required to demonstrate how to add a software instance and perform a deployment.

Thank You



Additional information

- **z/OS Management Facility website**
 - <http://ibm.com/systems/z/os/zos/zosmf/>
- **IBM z/OS Management Facility education modules in IBM Education Assistant**
 - <http://publib.boulder.ibm.com/infocenter/ieduasst/stgv1r0/index.jsp>
 - **Scroll down to z/OS Management Facility**
- **IBM Publications Center**
 - **Program Directory for z/OS Management Facility (GI11-9847)**
 - **IBM z/OS Management Facility Configuration Guide (SA38-0657)**
 - **IBM z/OS Management Facility Programming (SA32-1066)**
 - **IBM z/OS V2R1.0 Management Facility License Information (GC52-1386)**
 - <http://www.ibm.com/e-business/linkweb/publications/servlet/pbi.wss>
- **IBM z/OS Management Facility Information center**
 - <http://pic.dhe.ibm.com/infocenter/zos/v2r1/index.jsp>