



z/OSMF Software Deployment Hands On Lab

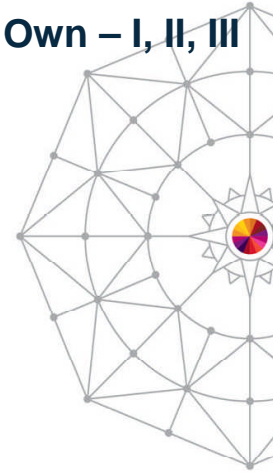
z/OSMF Hands-On Labs - Choose Your Own – I, II, III

Estimated Lab Time: 45 minutes

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IBM Corporation

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Session Numbers: 15814, 15815, 15604



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Agenda

- Lab Objective
- z/OSMF Software Deployment Overview
- Lab Environment
- Step 0: Logon to z/OSMF and invoke Software Management
- Lab Exercise: Deploy the MASTER_SMPE_V3.6 software instance to a new software instance
 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
 - a. View missing SYSMOD reports
 5. Configure your deployment
 6. Create deployment jobs and summary
 - a. Define the job settings
 - b. View the deployment summary
 - c. View the deployment jobs
 - d. Use ISPF to view deployment jobs
 7. Specify properties for the target software instance
 8. View the completed deployment

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Lab Objectives and Hints and Tips

- Use z/OSMF to deploy the master software instance containing SMP/E V3.6 with maintenance installed to a new software instance
- Gain familiarity in using the z/OSMF application

Hints and Tips

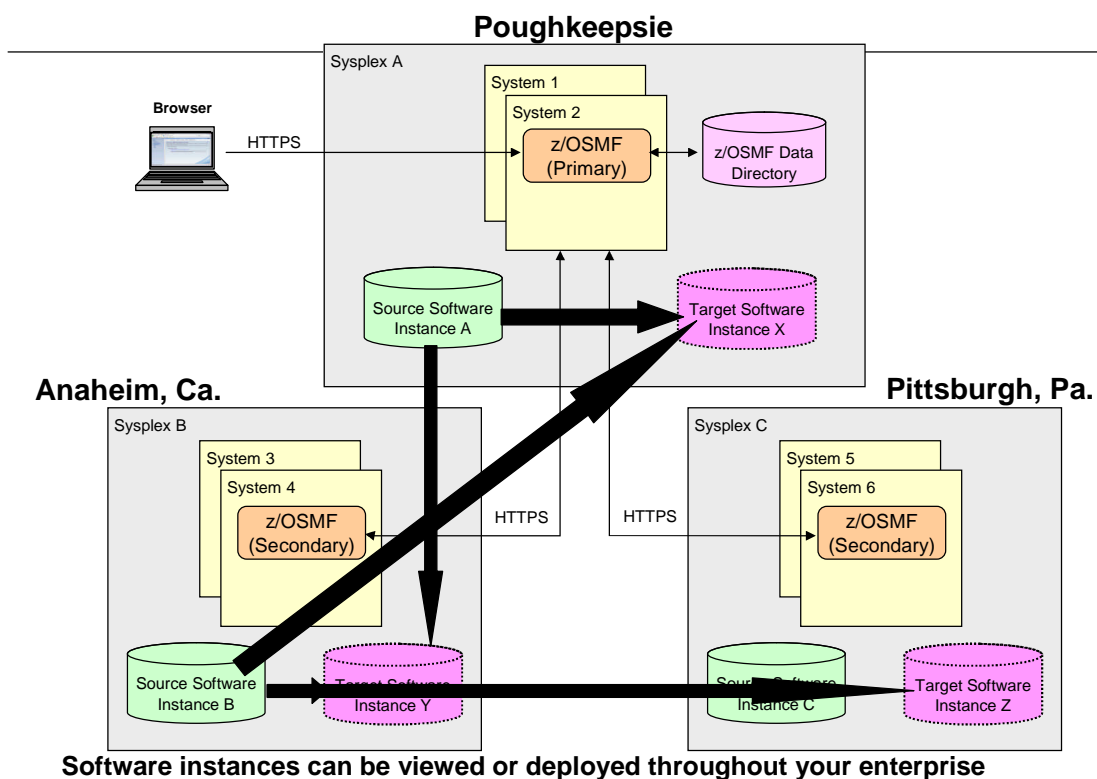
- At any time you can use the Help facilities by clicking on the link in the upper right hand corner of the screen
- You are encouraged to follow the instructions provided, but you can use the new views and reports on any defined software instance
 - Please note that the closer you follow the instructions, 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.

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Software Deployment

- Software Deployment is a z/OS Management Facility (z/OSMF) plug-in application
 - Web-based application.
 - User interaction is via a browser on a workstation.
 - z/OSMF and Software Deployment (now called Software Management) will be active on one system in a sysplex, allowing access to shared DASD.
 - Locally, either on a single system or system-to-system within a sysplex.
 - Remotely, system-to-system across a network and multiple sysplexes.

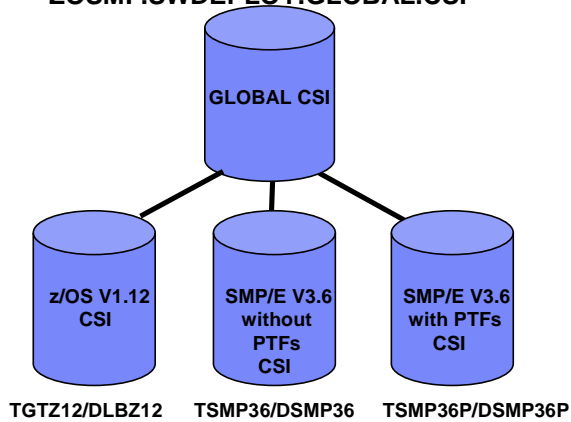


Lab SMP/E Environment

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



SMLAB01.GLOBAL.CSI



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

**Step 0: Logon to z/OSMF
and invoke
Software Management**

Step 0a: 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 0a: Log in to z/OSMF ...

The screenshot shows the IBM z/OS Management Facility (z/OSMF) login page. The browser address bar shows the URL <https://mvs1.centers.ihost.com/zosmf/>. The page title is "IBM z/OS Management Facility" and it says "Welcome guest". On the left, there is a login form with fields for "User ID" and "Password or pass phrase", and a "Log in" button. Below the login form are links for "Welcome", "Links", and "Refresh". The main content area has a "Welcome" message and a description of z/OSMF. Annotations include a pink callout pointing to the URL in the address bar, a yellow callout pointing to the login form, and a yellow banner at the bottom.

**Secure connection to z/OS host
<https://mvs1.centers.ihost.com/zosmf/>**

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

Step 0b: Invoke Software Management

Expand Software

The screenshot shows the IBM z/OS Management Facility (z/OSMF) web interface. The left navigation pane contains a tree view with the following items: Welcome, Notifications, Workflows, Configuration, Jobs and Resources, Links, Performance, Problem Determination, **Software**, z/OS Classic interfaces, and z/OSMF Settings. The 'Software' item is highlighted. The main content area displays a welcome message and links to 'Learn More' topics: 'What's New', 'z/OSMF tasks at a glance', and 'Getting started with z/OSMF'. The top of the page shows 'Welcome shara20' and a 'Log out' link.

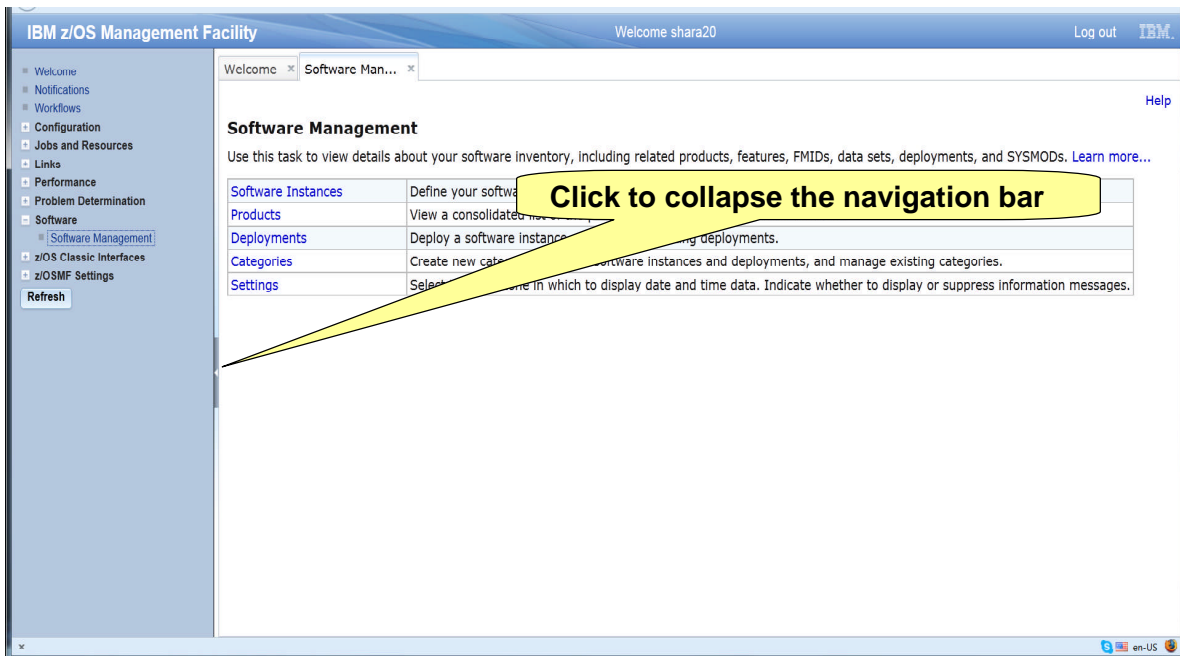
Step 0b: Invoke Software Management ...

Click on Software Management

The screenshot shows the IBM z/OS Management Facility (z/OSMF) web interface. The left navigation pane contains a tree view with the following items: Welcome, Notifications, Workflows, Configuration, Jobs and Resources, Links, Performance, Problem Determination, **Software**, z/OS Classic interfaces, and z/OSMF Settings. The 'Software' item is highlighted, and a sub-item 'Software Management' is visible. The main content area displays a welcome message and links to 'Learn More' topics: 'What's New', 'z/OSMF tasks at a glance', and 'Getting started with z/OSMF'. The top of the page shows 'Welcome shara20' and a 'Log out' link. A yellow callout bubble points to the 'Software Management' sub-item in the left navigation pane. Another yellow callout bubble points to the 'About' link in the top right corner. A third yellow callout bubble points to the 'Learn More' section.

You can also click on About or a "Learn More" topic

Step 0c: Collapse the Navigation Bar



Step 1: Specify the Properties for this Deployment

Step 1a: Invoke Software Deployment

Click on Deployments

IBM z/OS Management Facility

Welcome shara20

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.

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Step 1a: Invoke Software Deployment ...

You are creating a new Deployment for the software instance here.

IBM z/OS Management Facility

Welcome shara20

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.

Actions	Name	Activity	Categories	Source Software Instance	Source System	Target Software Instance	Target System
<div><div>Modify</div><div>View</div><div>Copy...</div><div>Cancel</div><div>Remove...</div><div>New...</div><div>Select All</div><div>Deselect All</div><div>Configure Columns...</div><div>Modify Filters...</div><div>Hide Filter Row</div><div>Clear Filters</div><div>Modify Sort...</div><div>Clear Sorts</div></div>	sample deployment that used for demos	Completed		MASTER_SMPEV3.6_WITH_PTF	LOCAL	DEMO_SMPEV3.6_WITH_PTF	LOCAL

Total: 1, Selected: 0

[Refresh](#) Last refresh: Apr 10, 2014 10:36:13 AM local time (Apr 10, 2014 2:36:13 PM GMT)

[Close](#)

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Step 1b: Start the Deployment Checklist

Here is a checklist of all the steps needed to create a new Deployment.
You will progress through this checklist, one item at a time.

IBM z/OS Management Facility

Welcome shara20

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

- Click on the Blue text "1. Specify the properties for this deployment"
- Do NOT click on the arrow
- Hitting Enter (or Ctrl) is NOT the same as clicking on the text

Step 1c: Specify Deployment Properties

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Deployments > Deployment Checklist > Specify Deployment Properties

Specify Deployment Properties

Enter a name and optional description for this deployment

Name:

SHARA20_SW_Deployment

Description: (maximum 256 characters, currently 92 characters)

Excellent lab exercise to demonstrate how to deploy SMP/E installed software using z/OSMF!!!

Categories

Name	Description	Activity	Last Modified (Local)	Modified By	Locked (Local)	Locked
Filter	Filter	Filter	Filter	Filter	Filter	Filter

There is no data to display.

Total: 0, Selected: 0

Refresh Last refresh: Apr 10, 2014 10:10 AM GMT

OK Cancel

Then click OK

Step 2: Select the Software Instance to Deploy

Step 2: Select the Software Instance to Deploy

Now, you will tell z/OSMF Software Deployment what software instance you want to deploy from.

IBM z/OS Management Facility Welcome shara20

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

Notice that you are automatically positioned at the next step in the checklist

Step 2: Select the Software Instance to Deploy ...

For this Lab, you are going to deploy the software instance that has the product SMP/E V3.6 with PTFs.

Select the MASTER_SMPEV3.6_WITH_PTFs software instance

Name	Messages	Description	Activity	Global Zone CSI	Target
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	TSMF
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	TSMF
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	TGT2

Total: 6, Selected: 1
Refresh Last refresh: Apr 10, 2014 10:41:48 AM
OK Cancel

Then click OK

Step 3: Select the Objective for this Deployment

Step 3: Select the Objective for this Deployment

Now, you will tell Software Deployment the system and the SMP/E GLOBAL zone you want for your “deployment destination” (where you are deploying to).

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

Step 3: Select the Objective for this Deployment ...

IBM z/OS Management Facility

Welcome shara20

Software Management > Deployments > Deployment Checklist

Select Deployment Objective

This deployment will create a copy of the source software instance or to replace an existing software instance. A copy is referred to as the target software instance. Indicate whether you want the target software instance to be created or replaced.

Objective:

- ☒ Create a new software instance and connect it to the following global zone CSI. [Learn more...](#)
 - ☒ A new global zone CSI
 - ☐ The source global zone CSI
 - ☐ Another existing global zone CSI
- ☐ Replace an existing software instance, and connect the new instance to the existing instance's global zone CSI. [Learn more...](#)

Select the system where the target software instance will reside.

Target system:
LOCAL Select...

OK Cancel

Step 4: Check for Missing SYSMODs

Step 4: Check for Missing SYSMODs

You need to know if there will be any missing SYSMODs where you are deploying to. You'll do that now.

IBM z/OS Management Facility Welcome shara20

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. <u>Check for missing SYSMODs.</u> <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

Follow the checklist, click on "Check for missing SYSMODs"

Step 4a: Welcome

Checking for missing SYSMODs invokes a wizard. You will identify other software instances that will run on the same system, or in the same multisystem environment. You will also identify software instances that are being replaced so we can check for possible regressions.

The screenshot shows the 'Check for Missing SYSMODs' wizard in the IBM z/OS Management Facility. The left sidebar has a 'Welcome' section with links to 'Select Reports', 'Get HOLDDATA', and 'Summary'. The main content area is titled 'Welcome' and contains the following text: 'Use this wizard to generate reports that help you identify if you are missing any SYSMODs in your source software instance or any related...'. Below this, it states 'This wizard guides you through the following steps:' followed by a bulleted list: '• Select the reports to generate, and select the software instances to include.', '• Confirm that you received the latest HOLDDATA.', and '• Review your selections, and generate the reports.' At the bottom, there are four buttons: '< Back', 'Next >', 'Finish', and 'Cancel'. A yellow callout bubble points to the 'Next >' button with the text 'After reading, click Next'.

Step 4b: Select Reports to Generate

Note: Both Requisite and Regression reports are optional, but recommended

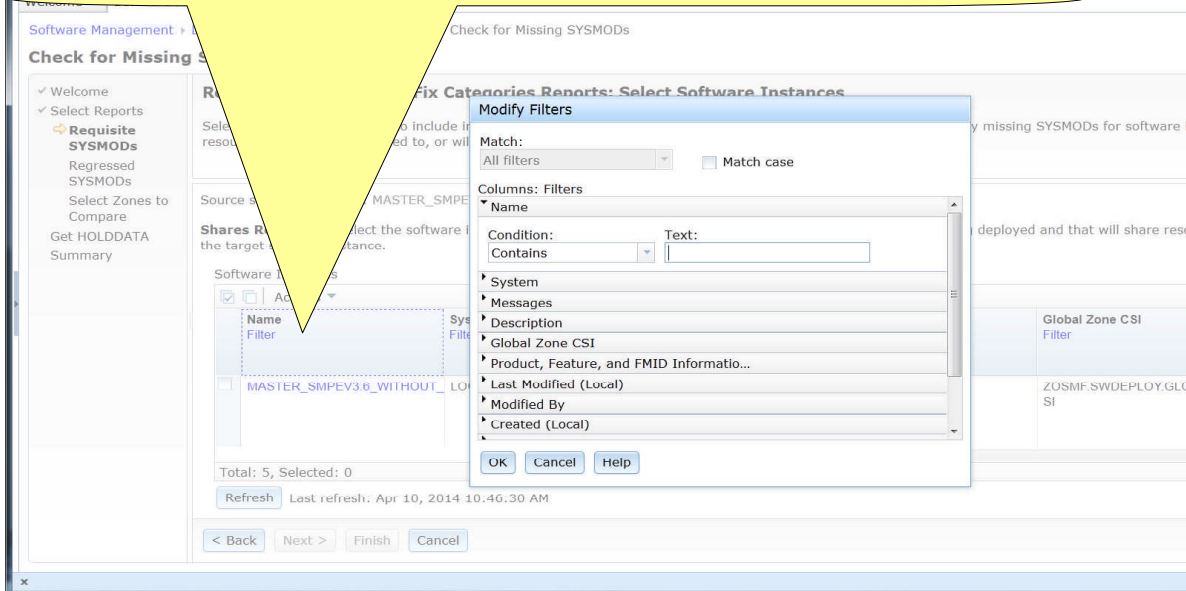
The screenshot shows the 'Select the Reports to Generate' step of the wizard. The left sidebar is updated with 'Select Reports' as the active section. The main content area is titled 'Select the Reports to Generate' and contains the text 'Select the reports that you want this wizard to generate.' Below this, there are two sections: 'Requisite SYSMODs and Fix Categories reports.' and 'Regressed SYSMODs and HOLDDATA Delta reports.' The first section includes a description of the Requisite SYSMODs report and a table titled 'Fix Categories Checked by Software Instance Type'. The table has two columns: 'Software Instance Type' and 'Fix Categories to be Checked'. The second section includes a description of the Regressed SYSMODs report. At the bottom, there are four buttons: '< Back', 'Next >', 'Finish', and 'Cancel'. A yellow callout bubble points to the 'Next >' button with the text 'Ensure both "Requisite SYSMODs and Fix Categories reports" and "Regressed SYSMODs and HOLDDATA Delta reports" are selected, then click Next'.

Software Instance Type	Fix Categories to be Checked
Source	• IBM.Device.* • IBM.Function.* • IBM.TargetSystem-RequiredService.*
Shared Resources	• IBM.Coexistence.* • IBM.Migrate-Fallback.*
Satisfies Dependencies	• IBM.TargetSystem-RequiredService.*

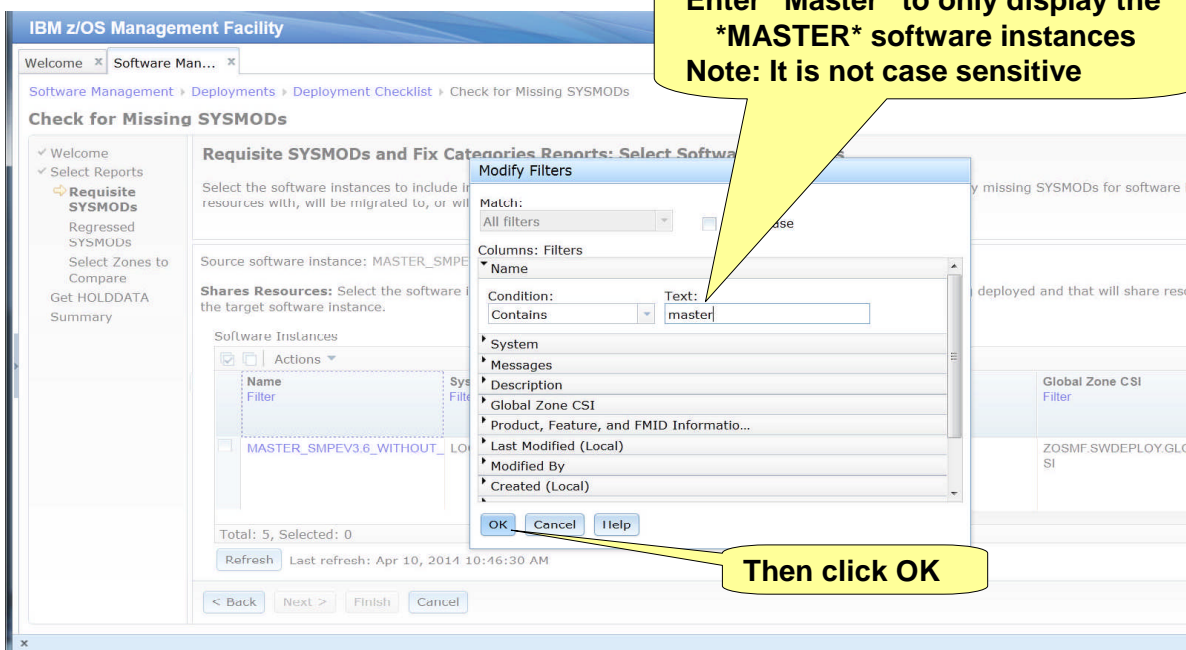
Step 4b: Select Reports to Generate ...

You now have to select the software instances that share resources or will be used with the deployed software instance. To do that you will filter the list of software instances.

Click on Filter (under Name) to get the modify Filters Pop-up window



Step 4b.1: Requisite SYSMODs



Step 4b.1: Requisite SYSMODs ...

Now, you will tell Software Deployment for this deployment which software instances will share resources with the newly deployed software instance

Select ONLY the following Software Instances

- MASTER_SMPEV3.6_WITHOUT_PTFS
- MASTER_ZOSV1.12

Then scroll down to select software instances that Satisfies Dependencies

Name	System	Description	Activity	Global Zone CSI	Target Zones	Categories	Product, Feature, and FMID Information Retrieved (Local)	Last Filter
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.C	TSM36		Aug 10, 2013 7:28:52 PM	
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.C	TGTZ12		Aug 12, 2013 3:56:18 PM	Jun 2
MASTER_ZOS_V113_without_Pm	LOCAL	z/OS V1.13 with over 20 other products to be used during the z/OSMF Software Management Lab.		SMB AR01 (J) ORAI (CS)	CORR130T, DT010T, PL410T, Z1130T			Jan 0

Total: 3, Filtered: 3, Selected: 2
Refresh Last refresh: Apr 10, 2014 10:48:38 AM
< Back Next > Finish Cancel

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Step 4b.1: Requisite SYSMODs ...

Same thing, now for "Satisfies Dependencies" Click on Filter (under Name)

Name	System	Description	Activity	Global Zone CSI	Target Zones	Categories	Product, Feature, and FMID Information Retrieved (Local)	Last Filter
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.C	TSM36		Aug 10, 2013 7:28:52 PM	Jul
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.C	TGTZ12		Aug 12, 2013 3:56:18 PM	Jul
DEMO_SMPEV3.6_WITH_PTFS	LOCAL	Completed demo software instance, of SMP/E V3.6 with PTFS.		ZOSMF SWDEPLOY.GLOBAL.C	TSM36N			Ju
SHARA20_Dummy_SW	LOCAL	This is a dummy software.		SHARA20 SMP.LAB.GLOBAL.C	DB2V8T, IRLMT,		Apr 3, 2014 11:45:58 AM	Apr

Total: 5, Selected: 0
Refresh Last refresh: Apr 10, 2014 10:46:30 AM
< Back Next > Finish Cancel

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Step 4b.1: Requisite SYSMODs ...

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

Then click OK

Name	System	Message	Activity	Global Zone CSI	Target Zones	Categories
MASTER_SMPEV3.6_WITHOUT_PTF8	LOCAL			ZOSMF SWDEPLOY GLOBAL C SI	TSM36	
MASTER_ZOSV1.12	LOCAL			ZOSMF SWDEPLOY GLOBAL C SI	TGT212	
DEMO_SMPEV3.6_WITH_PTF8	LOCAL			ZOSMF SWDEPLOY GLOBAL C SI	TSM36H	
SHARA20_Dummy_SWI	LOCAL			SHARA20 SMPLEAB GLOBAL C	DB2V8T, IRLMT,	

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Step 4b.1: Requisite SYSMODs ...

Now, you will tell Software Deployment for which software instances may have dependencies caused by the newly deployed software instance.

Select ONLY the following Software Instances

- MASTER_SMPEV3.6_WITHOUT_PTF8
- MASTER_ZOSV1.12

Then click Next

Name	System	Message	Activity	Global Zone CSI	Target Zones	Categories
MASTER_SMPEV3.6_WITHOUT_PTF8	LOCAL			ZOSMF SWDEPLOY GLOBAL C SI	TSM36	
MASTER_ZOSV1.12	LOCAL			ZOSMF SWDEPLOY GLOBAL C SI	TGT212	
MASTER_ZOS_V13_w/Other_Pro	LOCAL			GMLAB01 GLOBAL CSI	COB320T, DT910T, PLI410T, Z1130T	

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Step 4b.2: Regressed SYSMODs

This is the currently executing (or prior) level of the software instance that you are replacing with the software instance deployed in the Lab.

Select ONLY the MASTER_SMPEV3.6_WITHOUT_PTFS software instance

Name	System	Messages	Description	Activity	Global Zone CSI	Target Zones	Categories
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	TSM36	
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	
MASTER_ZOS_R10_w/Other_Pro	LOCAL		z/OS V1.10 with over 20 other products to be used during the z/OSMF Software Management Lab.		3MLAD01.GLOBAL.CSI	COD320T, DT910T, PLI410T, Z1130T	

Total: 3, Filtered: 3, Selected: 1
Refresh Last refresh: Apr 10, 2014 10:51:29 AM
< Back Next > Finish Cancel

Then click Next

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Step 4b.3: Select Zones to Compare

You are picking the target zone of the software instance that you are going to deploy (SMP/E V3.6 with PTFS)...

**1. Select the one target zone TSMP36P
2. Click on Actions, and then Select Zones**

Name	System	Messages	Description	Activity	Global Zone CSI	Target Zones	Categories
TSMP36P	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	

Total: 1, Selected: 1
< Back Next > Finish Cancel

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Step 4b.3: Select Zones to Compare ...

... to compare it to the target zone of what you are replacing with this deployment (SMP/E V3R6 withOUT PTFs)

Select TSMP36

Select the Zones to Compare

To identify SYSMODs that will be regressed, z/OSMF needs to know which target zones to compare. Use the **Select Zones** action in the **Actions** menu to select the prior-level target zones to compare with the selected source target zones. If the **Prior-Level Target Zones** column is blank, the corresponding source target zone will not be included in the check.

Source software instance: MASTER_SMPEV3.6_WITHOUT_PTFs on system LOCAL
Prior-level software instance: MASTER_SMPEV3.6_WITHOUT_PTFs on system LOCAL

Target Zones to be Compared

Source Target Zone	Prior-Level Target Zone
TSMP36P	

Select Zones

Select one or more prior-level target zones to compare with the selected source target zones.

Selected source target zones:
TSMP36P

Compare with:
Prior-Level Target Zone
TSMP36

Total: 1, Selected: 1

OK **Cancel** **Help**

Total: 1, Selected: 1

Then click OK

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Step 4b.3: Select Zones to Compare ...

Almost done with the definitions, then you'll be able to view the results.

Check for Missing SYSMODs

Select the Zones to Compare

To identify SYSMODs that will be regressed, z/OSMF needs to know which target zones to compare. Use the **Select Zones** action in the **Actions** menu to select the prior-level target zones to compare with the selected source target zones. If the **Prior-Level Target Zones** column is blank, the corresponding source target zone will not be included in the check.

Source software instance: MASTER_SMPEV3.6_WITH_PTFs on system LOCAL
Prior-level software instance: MASTER_SMPEV3.6_WITHOUT_PTFs on system LOCAL

Target Zones to be Compared

Source Target Zone	Prior-Level Target Zones
TSMP36P	TSMP36

Total: 1, Selected: 1

Next > **Back** **Finish** **Cancel**

After reading, click Next

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Step 4c: Get HOLDDATA

It's important to read this, and follow what it says so that you have the latest HOLDDATA for the reports. Prior to the conference, IBM has already SMP/E RECEIVED the HOLDDATA needed for the lab.

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Deployments > Deployment Checklist > Check for Missing SYSMODs

Check for Missing SYSMODs

- ✓ Welcome
- ✓ Select Reports
 - ✓ Requisite SYSMODs
 - ✓ Regressed SYSMODs
- ✓ Select Zones to Compare
- ✚ **Get HOLDDATA**
- Summary

Get HOLDDATA

To ensure that your environment is up-to-date, use SMP/E to receive the most current ERROR and FIXCAT HOLDDATA into the global zones that manage the software instances you selected. Do required SYSMODs and HOLDDATA will be omitted from the reports.

Global zones that manage the selected software instances:
ZOSMF.SWDEPLOY.GLOBAL.CSI on system LOCAL

Before clicking **Finish** to generate the reports, it is highly recommended that you receive the latest ERROR and FIXCAT HOLDDATA into the global zone for each selected software instance.

< Back Next > Finish Cancel

Step 4d: Summary

Review what you've specified for this Deployment.

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Deployments > Deployment Checklist > Check for Missing SYSMODs

Check for Missing SYSMODs

- ✓ Welcome
- ✓ Select Reports
 - ✓ Requisite SYSMODs
 - ✓ Regressed SYSMODs
- ✓ Select Zones to Compare
- ✓ Get HOLDDATA
- ✚ **Summary**

Summary

Review your selections. To make changes, return to the appropriate page by clicking **Back**. When you are ready to perform the checks and generate the reports, click **Finish**.

Source software instance: MASTER_SMPEV3.6_WITH_PTFS on system LOCAL

Requisite SYSMODs and Fix Categories Reports: Selected Software Instances

Shares Resources

Software Instance	System
MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL
MASTER_ZOSV1.12	LOCAL

Satisfies Dependencies

Software Instance	System
MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL
MASTER_ZOSV1.12	LOCAL

Regressed SYSMODs and HOLDDATA Delta Reports: Selected Software Instance

Prior-level software instance: MASTER_SMPEV3.6_WITHOUT_PTFS on system LOCAL

Target Zones to be Compared

Source Target Zone	Prior-Level Target Zones
TSMP36P	TSMP36

< Back Next > Finish Cancel

Step 4d: Check for Missing SYSMODs

IBM z/OS Management Facility

Welcome shara20

Software Management > Deployments > Deployment Checklist > Check for Missing SYSMODs

Check for Missing SYSMODs

Summary

Review your selections. To make changes, return to the appropriate page by clicking **Back**. When you are ready to perform the checks and generate the reports, click **Finish**.

Source software instance: MASTER_SMPEV3.6_WITH_PTFS on system LOCAL

Requisite SYSMODs and Fix Categories Reports: Selected Software Instances

Software Instance	System
MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL
MASTER_ZOSV1.12	LOCAL

Satisfies Dependencies

Software Instance	System
MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL
MASTER_ZOSV1.12	LOCAL

Regressed SYSMODs and HOLDDATA Delta Reports: Selected Software Instances

Prior-level software instance: MASTER_SMPEV3.6_WITHOUT_PTFS on system LOCAL

Target Zones to be Compared

Source	Target Zone	Prior-Level Target Zones
TSMP36P	TSMP36	

< Back Next > Finish Cancel

Generating the missing SYSMOD reports. 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

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Step 4e.1: View Missing SYSMODs Report

Your Missing SYSMOD report results are displayed. Keep in mind that this data was created for this Lab so that you could see data on all the different types of reports. It's just an example.

IBM z/OS Management Facility

Welcome shara20

Software Management > Deployments > Deployment Checklist > View Missing SYSMODs

Last Generated: Apr 10, 2014 10:55

Requisite SYSMODs | **Fix Categories** | Regressed SYSMODs | HOLDDATA Delta

Review the list of missing SYSMODs. Use SMP/E to apply the missing fixes to the corresponding target zones. If you do not apply the fixes, the software instance might not operate properly in the target zone.

Source software instance: MASTER_SMPEV3.6_WITH_PTFS on system LOCAL

Missing SYSMODs

Software Instance	Target Zone	FMD (Description)	Missing SYSMOD	SYSMOD Received in Global Zone	Causar SYSMOD	Causar Software Instance	Causar FMD (Description)
MASTER_ZOSV1.12 on system LOCAL	TGTZ12	HBB7770 (BCP Base)	UABCP1F	No	UAPTF01	MASTER_SMPEV3.6_WITH_PTFS on system LOCAL	HMP1J00 (SMP/E Base)
MASTER_ZOSV1.12 on system LOCAL	TGTZ12	IIMP1100 (SMP/E Base)	UASMP1F	No	UAPTF01	MASTER_SMPEV3.6_WITH_PTFS on system LOCAL	IIMP1J00 (SMP/E Base)

Total: 2

Close

After reviewing the missing requisites, click on Fix Categories

You identified that the software instance being deployed will share resources with z/OS V1.12. The display identifies required requisite fixes needed on the z/OS V1.12 system.

Don't click close until you've opened all the tabs above

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Step 4e.2: View Missing SYSMODs Report ...

After reviewing the source software instance missing fixes, click on **Shares Resources**

View Missing SYSMOD Reports

Last Generated: Apr 10, 2014 10:55:12 AM (Local Time)

Requisite SYSMODs | Fix Categories | Regressed SYSMODs | HOLDDATA Delta

Review the list of missing SYSMODs, and determine which fixes are critical for your installation. Use SMP/E to apply the fixes to the corresponding target zones.

Source software instance: MASTER_SMPEV3.6_WITH_PTFS on system LOCAL

Source | **Shares Resources** | Satisfies Dependencies

Missing SYSMODs

Software Instance Filter	Target Zone Filter	Fix Category Filter	F MID (Description) Filter	Missing SYSMOD Filter	SYSMOD Received in Global Zone Filter
MASTER_SMPEV3.6_WITH_PTFS on system LOCAL	TSMP36P	IBM Device Server.z14-2818	HMP1J00 (SMP/E Base)	UASRV1	No
MASTER_SMPEV3.6_WITH_PTFS on system LOCAL	TSMP36P	IBM Device Server.z196-2817	HMP1J00 (SMP/E Base)	UASRV1	No
MASTER_SMPEV3.6_WITH_PTFS on system LOCAL	TSMP36P	IBM TargetSystem-RequiredService.z/OS V1R12	HMP1J00 (SMP/E Base)	UATARG1	No
MASTER_SMPEV3.6_WITH_PTFS on system LOCAL	TSMP36P	IBM TargetSystem-RequiredService.z/OS V1R12	HMP1J00 (SMP/E Base)	UATARG1	No

Total: 4

Close

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Step 4e.3: View Missing SYSMODs Report ...

After reviewing the Shares Resources missing fixes, click on **Satisfies Dependencies**

View Missing SYSMOD Reports

Last Generated: Apr 10, 2014 10:55:12 AM (Local Time)

Requisite SYSMODs | Fix Categories | Regressed SYSMODs | HOLDDATA Delta

Review the list of missing SYSMODs, and determine which fixes are critical for your installation. Use SMP/E to apply the fixes to the corresponding target zones.

Source software instance: MASTER_ZOSV1.12 on system LOCAL

Source | **Satisfies Dependencies** | Shares Resources

Missing SYSMODs

Software Instance Filter	Target Zone Filter	Fix Category Filter	F MID (Description) Filter	Missing SYSMOD Filter	SYSMOD Received in Global Zone Filter
MASTER_SMPEV3.6_WITH_PTFS on system LOCAL	TSMP36	IBM Coexistence.z/OS V1R11	HMP1J00 (SMP/E Base)	UACOE2	No
MASTER_SMPEV3.6_WITH_PTFS on system LOCAL	TSMP36	IBM Coexistence.z/OS V1R12	HMP1J00 (SMP/E Base)	UACOE2	No
MASTER_SMPEV3.6_WITH_PTFS on system LOCAL	TSMP36	IBM Coexistence.z/OS V1R13	HMP1J00 (SMP/E Base)	UACOE2	No
MASTER_ZOSV1.12 on system LOCAL	TGTZ12	IBM Coexistence.z/OS V1R11	HDP1C10 (Data Facility System Managed Storage)	UA62025	No

Total: 9

Close

The report shows missing requisite fixes for the two software instances that you identified will share resources with the target software instance.

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Step 4e.4: View Missing SYSMODs Report ...

After reviewing the Satisfies Dependencies missing fixes, click on Regressed SYSMODs

IBM z/OS Management Facility

Welcome shara20

Software Management > Deployments > Deployment Checklist > Missing SYSMOD Reports

View Missing SYSMOD Reports

Last Generated: Apr 10, 2014 10:55:12 AM (Local)

Requisite SYSMODs | Fix Categories | **Regressed SYSMODs** | HOLDDATA Delta

Review the list of missing SYSMODs, and determine which fixes are critical for your installation. Use SMP/E to apply the fixes to the corresponding target zones.

Source software instance: MASTER_SMPEV3.6_WITH_PTFS on system LOCAL

Source | Shares Resources | **Satisfies Dependencies**

Missing SYSMODs

Actions

Software Instance Filter	Target Zone Filter	Fix Category Filter	FMID (Description) Filter	Missing SYSMOD Filter	SYSMOD Received in Global Zone Filter
MASTER_SMPEV3.6_WITH_PTFS on system LOCAL	TSMP36	IBM.TargetSystem-RequiredService.z/OS.V1R12	HMP1J00 (SMP/E Base)	UATARG1	No
MASTER_SMPEV3.6_WITH_PTFS on system LOCAL	TSMP36	IBM.TargetSystem-RequiredService.z/OS.V1R12	HMP1J00 (SMP/E Base)	UATARG1	No

Total: 2

Close

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Step 4e.5: View Missing SYSMODs Report ...

After reviewing the Regressed SYSMODs, click on HOLDDATA Delta

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Welcome shara20

Software Management > Deployments > Deployment Checklist > Missing SYSMOD Reports

View Missing SYSMOD Reports

Last Generated: Apr 10, 2014 10:55:12 AM (Local)

Requisite SYSMODs | Fix Categories | **Regressed SYSMODs** | **HOLDDATA Delta**

Review the list of SYSMODs that will be regressed when you deploy the source software instance. Determine which SYSMODs are critical for your installation, and use SMP/E to apply the SYSMODs to the source instance.

Source software instance: MASTER_SMPEV3.6_WITH_PTFS on system LOCAL
Prior-level software instance: MASTER_SMPEV3.6_WITHOUT_PTFS on system LOCAL

Missing SYSMODs

Actions

FMID (Description) Filter	Missing SYSMOD Filter	Type Filter	Target Zone in Source Filter	Target Zone in Prior-Level Filter	SYSMOD Received in Global Zone Filter
HMP1J00 (SMP/E Base)	LOCMOD1	USERMOD	TSMP36P	TSMP36	Yes
HMP1J00 (SMP/E Base)	QAMISS1	USERMOD	TSMP36P	TSMP36	Yes

Total: 2

Close

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Step 4e.6: View Missing SYSMODs Report ...

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Welcome shara20

Software Management > Deployments > Deployment Checklist > View Missing SYSMOD Reports

View Missing SYSMOD Reports

Last Generated: Apr 10, 2014 10:55:12 AM (Local)

Requisite SYSMODs | Fix Categories | Regressed SYSMODs | **HOLDDATA Delta**

Review the HOLDDATA found in the source software instance, but not in the prior-level instance. Determine which holds are critical for your installation. Then, select **View ++HOLD DATA** from the steps included in the ++HOLD DATA column.

Source software instance: MASTER_SMPREV3.6_WITH_PTFS on system LOCAL
Prior-level software instance: MASTER_SMPREV3.6_WITHOUT_PTFS on system LOCAL

HOLDDATA

Actions

Type Filter	Reason ID Filter	FMID Filter	SYSMOD Filter	Messages Filter
<input type="checkbox"/> SYSTEM	ACTION	HBCNC00	U001301	
<input type="checkbox"/> SYSTEM	IPL	HBCND0B	UR53091	

Total: 2, Selected: 0

Close

Click ☒ to select all Types and REASON IDs

The display shows two PTFs that have SYSTEM HOLDDATA.

Don't click close until you've opened all the tabs above

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Step 4e.6: View Missing SYSMODs Report ...

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Welcome shara20

Software Management > Deployments > Deployment Checklist > View Missing SYSMOD Reports

View Missing SYSMOD Reports

Last Generated: Apr 10, 2014 10:55:12 AM (Local)

Requisite SYSMODs | Fix Categories | Regressed SYSMODs | **HOLDDATA Delta**

Review the HOLDDATA found in the source software instance, but not in the prior-level instance. Determine which holds are critical for your installation. Then, select **View ++HOLD DATA** from the steps included in the ++HOLD DATA column.

Source software instance: MASTER_SMPREV3.6_WITH_PTFS on system LOCAL
Prior-level software instance: MASTER_SMPREV3.6_WITHOUT_PTFS on system LOCAL

HOLDDATA

Actions

Type Filter	Reason ID Filter	FMID Filter	SYSMOD Filter	Messages Filter
<input checked="" type="checkbox"/> SY		HBCNC00	U001301	
<input checked="" type="checkbox"/> SY		HBCND0B	UR53091	

Total: 2, Selected: 2

Close

Click on Actions and View ++HOLDDATA

Don't click close until you've opened all the tabs above

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Step 4e.6: View Missing SYSMODs Report ...

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Welcome shara20

Software Management > Deployments > Deployment Checklist > View Missing SYSMOD Reports

View Missing SYSMOD Reports

Last Generated: Apr 10, 2014 10:55:12 AM (Local)

Requisite SYSMODs | Fix Categories | Regressed SYSMODs | HOLDDATA Delta

Review the HOLDDATA found in the source software instance, but not in the prior-level instance. The steps included in the ++HOLD DATA column.

Source software instance: MASTER_SMPV3.6_WITH_PTFS on system LOCAL
Prior-level software instance: MASTER_SMPV3.6_WITHOUT_PTFS on system LOCAL

HOLDDATA

Type	Reason ID	FMID	SYSMOD
SYSTEM	ACTION	HBCNC00	
SYSTEM	IPL	HBCND0B	

Total: 2, Selected: 2

Close

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Step 4e.6: View Missing SYSMODs Report ...

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Welcome shara20

Software Management > Deployments > Deployment Checklist > View Missing SYSMOD Reports > View ++HOLD DATA

View ++HOLD DATA

HOLDDATA

++HOLD DATA	Type	Reason ID	FMID	SYSMOD
++ HOLD(U001301) SYS FMID(HBB7780) REASON(ACTION) DATE(12016) COMMENT ***** * FUNCTION AFFECTED: SMP/E * DESCRIPTION : Other * TIMING : Post-APPLY ***** Installation of this PTF installs the SMP/E Planning and Migration Assistant Information Base. If you have your own copy of the Information Base it may be at a higher level. After APPLY of this PTF, you should re-install your local Information Base usemod, if it is if it is at a higher level than this PTF.)	SYSTEM	ACTION	HBCNC00	U001301
++ HOLD(UR53091) SYS FMID(HBCND0B) REASON(IPL) DATE(12016) COMMENT ***** * FUNCTION AFFECTED: SMP/E * DESCRIPTION : IPL with CLPA *****	SYSTEM	IPL	HBCND0B	UR53091

Total: 2

Close

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Step 4e.6: View Missing SYSMODs Report ...

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Welcome shara20

Software Management > Deployments > Deployment Checklist > View Missing SYSMOD Reports

View Missing SYSMOD Reports

Last Generated: Apr 10, 2014 10:55:12 AM (Local)

Requisite SYSMODs | Fix Categories | Regressed SYSMODs | **HOLDDATA Delta**

Review the HOLDDATA found in the source software instance, but not in the prior-level instance. Determine which holds are critical for your installation. Then, select **View ++HOLD DATA** from the steps included in the ++HOLD DATA column.

Source software instance: MASTER_SMPEV3.6_WITH_PTFS on system LOCAL
Prior-level software instance: MASTER_SMPEV3.6_WITHOUT_PTFS on system LOCAL

HOLDDATA

Type	Reason ID	FMID	SYSMOD	Messages
SYSTEM	ACTION	HBCNC00	U001301	
SYSTEM	IPL	HBCND0B	UR53091	

Total: 2, Select 4

Close

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**Step 5: Configure
your deployment**

Step 5: Configure the Deployment

Configuring the deployment involves specifying the volume, data set names, catalog, for the target software instance.

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Deployments > Deployment

Deployment Checklist

To deploy a software instance, complete the 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. • View missing SYSMOD reports.
✚	5. Configure this deployment.
	6. Define the job settings. z/OSMF creates the deployment summary and jobs. • View the deployment summary. • View the deployment jobs.
	7. Specify the properties for the target software instance.

Close

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Step 5a: Welcome

Configuring your deployment invokes another wizard to step you through the process.

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Deployments > Deployment Checklist > Configure Deployment

Configure Deployment for MASTER_SMPEV3.6_WITH_PTFS

Welcome

- DLIBs
- Model
- SMP/E Zones
- Data Sets
- Catalogs
- Volumes and Storage Classes
- Mount Points

Welcome

Use this wizard to configure the data set names, catalogs, volumes, mount points, and SMP/E zones to be used for the target software instance.

This wizard guides you through the following steps:

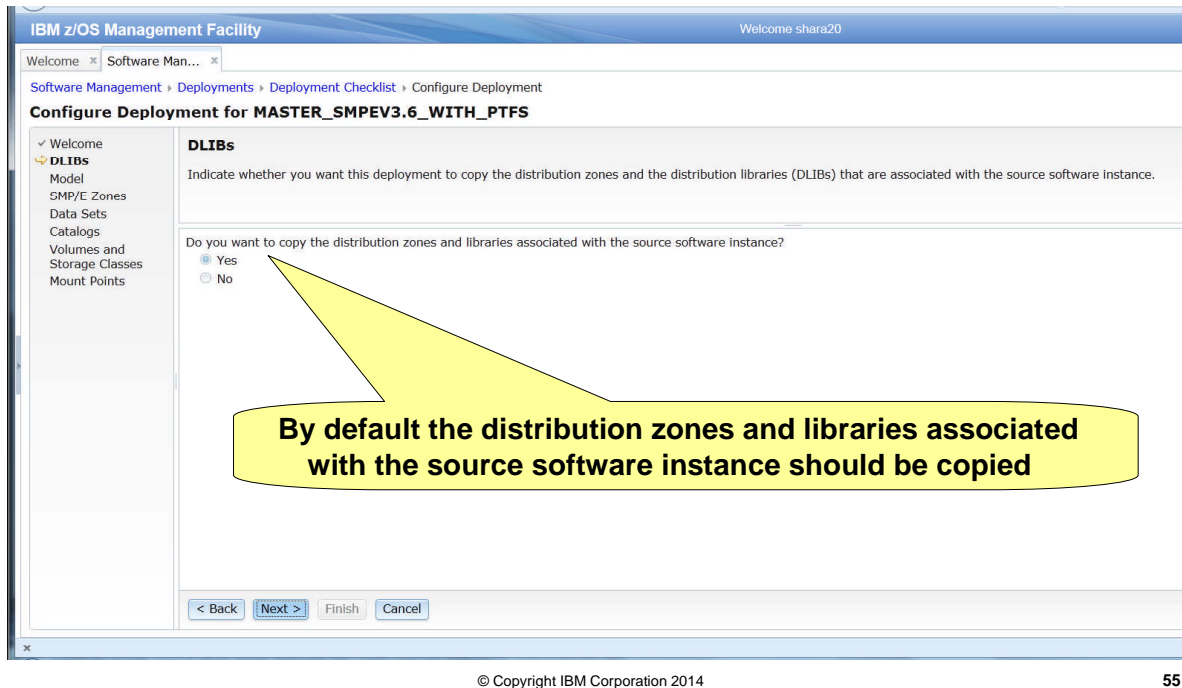
1. Indicate whether this deployment should copy the distribution zones and distribution libraries (DLIBs) that are associated with the source software instance.
2. Select the software instance to use as a model for configuring the target software instance.
3. Specify the SMP/E zone names to use.
4. Specify the data set names to use, and assign the data sets to a volume or storage class.
5. Assign each data set prefix to a catalog.
6. Ensure that the volumes and storage classes have enough space to store the target software instance.
7. Specify the mount point to use for each UNIX file system data set that will be included in the target software instance.

< Back Next > Finish Cancel

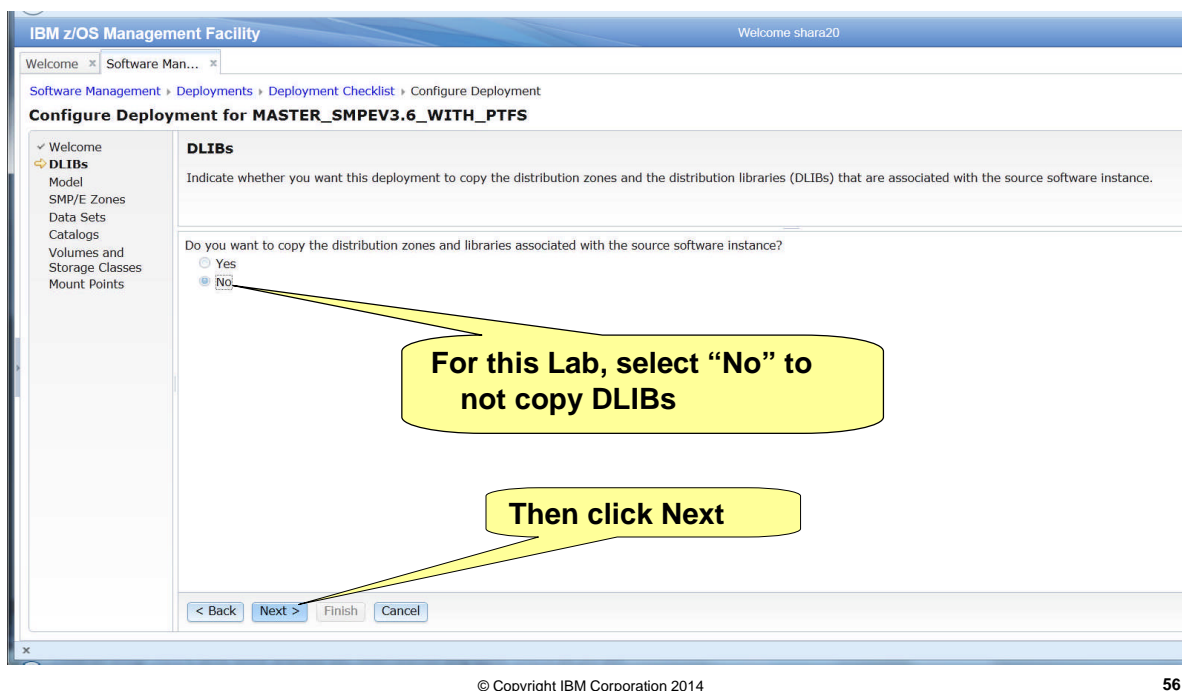
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Step 5b: Want DLIBs?



Step 5b: Want DLIBs?



Step 5c: Model

Do you want to make this deployment look like the software instance it came from, or some other software instance? You can model the information so there is less to enter.

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Deployments > Dep...

Configure Deployment for MASTER

Model

Select the software instance to use as a model for configuring the target software instance. z/OSMF uses the data sets, volumes, mount points, catalogs, and SMP/E zones to prime the corresponding values for the target software instance.

Select the software instance to use as a model.

☒ The source software instance

☐ Another existing software instance

< Back Next > Finish Cancel

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Step 5c: Model ...

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Welcome shara20

Welcome x Software Man... x

Software Management > Deployments > Deployment Checklist > Configure Deployment

Configure Deployment for MASTER_SMPEV3.6_WITH_PTFS

Model

Select the software instance to use as a model for configuring the target software instance. z/OSMF uses the data sets, volumes, mount points, catalogs, and SMP/E zones that are as to prime the corresponding values for the target software instance.

Select the software instance to use as a model.

☒ The source software instance

☐ Another existing software instance

Collecting data to prime the target software instance. This request might take several minutes to complete. Note that no changes are occurring on the target system.

Cancel

< Back Next > Finish Cancel

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Step 5d: SMP/E Zones

Since your deployment objective is to create a new GLOBAL zone, you do **NOT** have to rename the target zone. However, you will as part of the lab.

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Welcome shara20

Software Management > Deployments > Deployment Checklist > Configure Deployment

Configure Deployment for MASTER_SMPEV3.6_WITH_PTFs

✓ Welcome
✓ DLIBs
✓ Model
✚ SMP/E Zones
Data Sets
Catalogs
Volumes and Storage Classes
Mount Points

SMP/E Zones

The Zones table lists the names that will be used for the SMP/E zones included in the target software instance. Accept the default names, or modify the values. To modify an editable cell, or select it and press **Enter**. To exit an editable cell and preserve your changes, click outside of the cell or press **Enter**.

Zones

Actions ▾

Target Target Zone Filter	Messages Filter	Source Target Zone Filter
* TSMP36P		TSMP36P

Total: 1

< Back Next > Finish Cancel

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Step 5d: SMP/E Zones ...

Reminder: this will be the name of the SMP/E target zone for the software instance (SMP/E V3R6 with PTFs) after it is deployed.

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Welcome shara20

Software Management > Deployments > Deployment Checklist > Configure Deployment

Configure Deployment for MASTER_SMPEV3.6_WITH_PTFs

✓ Welcome
✓ DLIBs
✓ Model
✚ SMP/E Zones
Data Sets
Catalogs
Volumes and Storage Classes
Mount Points

SMP/E Zones

The Zones table lists the names that will be used for the SMP/E zones included in the target software instance. Accept the default names, or modify the values. To modify an editable cell, or select it and press **Enter**. To exit an editable cell and preserve your changes, click outside of the cell or press **Enter**.

Zones

Actions ▾

Target Target Zone Filter	Messages Filter	Source Target Zone Filter
* TSMP36N		TSMP36P

Total: 1

< Back Next > Finish Cancel

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Step 5e: Data Sets

The list of data sets to be deployed is displayed. Please note that this list is dynamically built based on entries in the zones being deployed

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Welcome shara20

Software Management > Deployments > Deployment Checklist > Configure Deployment

Configure Deployment for MASTER_SMPEV3.6_WITH_PTFS

Left sidebar: Welcome, DLIBs, Model, SMP/E Zones, **Data Sets** (selected), Catalogs, Volumes and Storage Classes, Mount Points.

Data Sets

The Data Sets table lists the names, volumes, and storage classes that will be used for the data sets included in the target software instance. Accept the default names, or use the **Modify** action to modify them.

Table with 6 columns: Target Data Set Name, Target Volume, Target Storage Class, Messages, Source Data Set Name, Source Volumes. The 'Target Volume' column has a 'Filter' link.

Callout: Click on Filter (under Target Volume)

Buttons: < Back, Next >, Finish, Cancel

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Step 5e: Data Sets ...

You are going to put some data sets on a different volume for this deployment. Let's use a filter to find those data sets...

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Welcome shara20

Software Management > Deployments > Deployment Checklist > Configure Deployment

Configure Deployment for MASTER_SMPEV3.6_WITH_PTFS

Left sidebar: Welcome, DLIBs, Model, SMP/E Zones, **Data Sets** (selected), Catalogs, Volumes and Storage Classes, Mount Points.

Data Sets

The Data Sets table lists the names, volumes, and storage classes that will be used for the data sets included in the target software instance. Accept the default names, or use the **Modify** action to modify them.

Table with 6 columns: Target Data Set Name, Target Volume, Target Storage Class, Messages, Source Data Set Name, Source Volumes.

Callout: Enter SHPUB2

Dialog: Modify Filters

Match: All filters

Columns: Filters

Target Data Set Name

Target Volume

Condition: Contains

Text: shpub2

Buttons: OK, Cancel, Help

Callout: Then click OK

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Step 5e: Data Sets ...

IBM z/OS Management Facility

Welcome shara20

Welcome | Software Man... |


Software Management | Deployments | Deployment Checklist | Configure Deployment

Configure Deployment for MASTER_SMPEV3.6_WITH_PTFS

✓ Welcome
✓ DLIBs
✓ Model
✓ SMP/E Zones
✚ **Data Sets**
Catalogs
Volumes and Storage Classes
Mount Points

Data Sets

The Data Sets table lists the names, volumes, and storage classes. You can select the default names, volumes, and storage classes, or you can click the **Modify** action to modify them.

Click  to select all filtered data sets

Data Sets

☒ ☐ Actions | Match: All filters

Target Data Set Name Filter	Target Volume Contains "shpub2"	Target Storage Class Filter	Messages Filter	Source Data Set Name Filter	Source Volumes Filter
<input type="checkbox"/> SMPE36P.GIM.MACLIB	SHPUB2			SMPE36P.GIM.MACLIB	SHPUB2
<input type="checkbox"/> SMPE36P.GIM.MIGLIB	SHPUB2			SMPE36P.GIM.MIGLIB	SHPUB2
<input type="checkbox"/> SMPE36P.GIM.NONSMP.DATA	SHPUB2			SMPE36P.GIM.NONSMP.DATA	SHPUB2
<input type="checkbox"/> SMPE36P.GIM.SAMPLIB	SHPUB2			SMPE36P.GIM.SAMPLIB	SHPUB2
<input type="checkbox"/> SMPE36P.GIM.SGIMCLS0	SHPUB2			SMPE36P.GIM.SGIMCLS0	SHPUB2
<input type="checkbox"/> SMPE36P.GIM.SGIMLMD0	SHPUB2			SMPE36P.GIM.SGIMLMD0	SHPUB2
<input type="checkbox"/> SMPE36P.GIM.SGIMMENU	SHPUB2			SMPE36P.GIM.SGIMMENU	SHPUB2
<input type="checkbox"/> SMPE36P.GIM.SGIMPENU	SHPUB2			SMPE36P.GIM.SGIMPENU	SHPUB2
<input type="checkbox"/> SMPE36P.GIM.SGIMSENU	SHPUB2			SMPE36P.GIM.SGIMSENU	SHPUB2
<input type="checkbox"/> SMPE36P.GIM.SGIMTENU	SHPUB2			SMPE36P.GIM.SGIMTENU	SHPUB2
<input type="checkbox"/> SMPE36P.SWDEPLOY.TARGET.SMPE36P.SMPLOG	SHPUB2			SMPE36P.SWDEPLOY.TARGET.SMPE36P.SMPLOG	SHPUB2

Total: 19, Filtered: 16, Selected: 0

< Back Next > Finish Cancel

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Step 5e: Data Sets ...

IBM z/OS Management Facility

Welcome shara20

Welcome | Software Man... |

Software Management | Deployments | Deployment Checklist | Configure Deployment

Configure Deployment for MASTER_SMPEV3.6_WITH_PTFS

✓ Welcome
✓ DLIBs
✓ Model
✓ SMP/E Zones
✚ **Data Sets**
Catalogs
Volumes and Storage Classes
Mount Points

Data Sets

The Data Sets table lists the names, volumes, and storage classes. You can select the default names, volumes, and storage classes, or you can click the **Modify** action to modify them.

Click on Actions, and then Modify

Data Sets

☒ ☐ Actions | Match: All filters

Modify

☒ Select All
☐ Deselect All
Configure Columns...
Modify Filters...
Hide Filter Row
Clear Filters
Modify Sort...
Clear Sorts

Target Data Set Name Filter	Target Volume Contains "shpub2"	Target Storage Class Filter	Messages Filter	Source Data Set Name Filter	Source Volumes Filter
<input checked="" type="checkbox"/> SMPE36P.GIM.MACLIB	SHPUB2			SMPE36P.GIM.MACLIB	SHPUB2
<input checked="" type="checkbox"/> SMPE36P.GIM.MIGLIB	SHPUB2			SMPE36P.GIM.MIGLIB	SHPUB2
<input checked="" type="checkbox"/> SMPE36P.GIM.NONSMP.DATA	SHPUB2			SMPE36P.GIM.NONSMP.DATA	SHPUB2
<input checked="" type="checkbox"/> SMPE36P.GIM.SAMPLIB	SHPUB2			SMPE36P.GIM.SAMPLIB	SHPUB2
<input checked="" type="checkbox"/> SMPE36P.GIM.SGIMCLS0	SHPUB2			SMPE36P.GIM.SGIMCLS0	SHPUB2
<input checked="" type="checkbox"/> SMPE36P.GIM.SGIMLMD0	SHPUB2			SMPE36P.GIM.SGIMLMD0	SHPUB2
<input checked="" type="checkbox"/> SMPE36P.GIM.SGIMMENU	SHPUB2			SMPE36P.GIM.SGIMMENU	SHPUB2
<input checked="" type="checkbox"/> SMPE36P.GIM.SGIMPENU	SHPUB2			SMPE36P.GIM.SGIMPENU	SHPUB2
<input checked="" type="checkbox"/> SMPE36P.GIM.SGIMSENU	SHPUB2			SMPE36P.GIM.SGIMSENU	SHPUB2
<input checked="" type="checkbox"/> SMPE36P.GIM.SGIMTENU	SHPUB2			SMPE36P.GIM.SGIMTENU	SHPUB2
<input checked="" type="checkbox"/> SMPE36P.SWDEPLOY.TARGET.SMPE36P.SMPLOG	SHPUB2			SMPE36P.SWDEPLOY.TARGET.SMPE36P.SMPLOG	SHPUB2

Total: 19, Filtered: 16, Selected: 16

< Back Next > Finish Cancel

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Step 5e: Data Sets ...

The list of selected data sets to be modified is displayed. You are deploying some data sets from volume SHPUB2 to SHRESA.

Modify Data Sets

Enter the data set name or qualifiers to use for the selected data sets.

Common data set qualifiers: From: SMPE36P To: SMPE36P

Example data set qualifiers: SMPE36P.GIM.MACLIB

Select or type the volume or storage class to use for the selected data sets.

☒ Volume ☐ Storage class

SHRESA

Selected Data Sets

Target Data Set Name	Target Volume	Target Storage Class	Messages
SMPE36P.GIM.MACLIB	SHPUB2		
SMPE36P.GIM.MIGLIB	SHPUB2		
SMPE36P.GIM.NONSMP.DATA	SHPUB2		
SMPE36P.GIM.SAMPLIB	SHPUB2		
SMPE36P.GIM.SGIMCLS0	SHPUB2		
SMPE36P.GIM.SGIMLMD0	SHPUB2		
SMPE36P.GIM.SGIMMENU	SHPUB2		
SMPE36P.GIM.SGIMPENU	SHPUB2		
SMPE36P.GIM.SGIMSENU	SHPUB2		

Total: 16, Filtered: 16, Selected: 16

OK Reset Cancel

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Step 5e: Data Sets ...

The list of selected data sets was modified to reflect the target volume of SHRESA.

Configure Deployment for MASTER_SMPE

Data Sets

The Data Sets table lists the names, volumes, and storage classes of the data sets that will be used for the data sets included in the target software instance. Accept the default names, volumes, and storage classes, or click the **Modify** action to modify them.

Data Sets

Target Data Set Name	Target Volume	Target Storage Class	Messages	Source Data Set Name	Source Volumes
SMPE36P.GIM.MACLIB	SHPUB2			SMPE36P.GIM.MACLIB	SHPUB2
SMPE36P.GIM.MIGLIB	SHPUB2			SMPE36P.GIM.MIGLIB	SHPUB2
SMPE36P.GIM.NONSMP.DATA	SHPUB2			SMPE36P.GIM.NONSMP.DATA	SHPUB2
SMPE36P.GIM.SAMPLIB	SHPUB2			SMPE36P.GIM.SAMPLIB	SHPUB2
SMPE36P.GIM.SGIMCLS0	SHPUB2			SMPE36P.GIM.SGIMCLS0	SHPUB2
SMPE36P.GIM.SGIMLMD0	SHPUB2			SMPE36P.GIM.SGIMLMD0	SHPUB2
SMPE36P.GIM.SGIMMENU	SHPUB2			SMPE36P.GIM.SGIMMENU	SHPUB2
SMPE36P.GIM.SGIMPENU	SHPUB2			SMPE36P.GIM.SGIMPENU	SHPUB2
SMPE36P.GIM.SGIMSENU	SHPUB2			SMPE36P.GIM.SGIMSENU	SHPUB2
SMPE36P.GIM.SGIMTENU	SHPUB2			SMPE36P.GIM.SGIMTENU	SHPUB2
SMPE36P.SWDEPLOY.TARGET.SMPE36P.SMPI.00	SHPUB2			SMPE36P.SWDEPLOY.TARGET.SMPE36P.SMPI.00	SHPUB2

Total: 19, Filtered: 16, Selected: 0

< Back Next > Finish Cancel

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Step 5e: Data Sets ...

Now that you've changed the volume for some data sets, let's change the volume for some other data sets. First, you've got to remove the filter you just set and create another

Enter "zosmf" to only display the data sets that contain "ZOSMF" anywhere in their name
Note: It is not case sensitive

Then click "Clear" to remove the Target Volume Filter

Finally, click OK

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Step 5e: Data Sets ...

You've found the data sets that you want to change.

1. Click on Actions, and then Select All
2. Then click on Actions, and then Modify

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Step 5e: Data Sets ...

You are changing the data set names, as well as changing the volume on which they reside.

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Deployments > Deployment Checklist > Configure Deployment > Modify Data Sets

Modify Data Sets

Enter the data set name or qualifiers to use for the selected data sets.

Common data set qualifiers: From: ZOSMF.SWDEPLOY To: ZOSMF.SWDEPLOY.SHARA20

Example data set name: ZOSMF.SWDEPLOY.GLOBAL.CSI

Select or type the volume or storage class to use for the selected data sets.

Volume Storage class

SHRESB

Selected Data Sets

Actions Match: All filters

Target Data Set Name Contains "zosmf"	Target Volume Filter	Source Storage Class Filter
<input checked="" type="checkbox"/> ZOSMF.SWDEPLOY.GLOBAL.CSI	SHARE	SHARE
<input checked="" type="checkbox"/> ZOSMF.SWDEPLOY.SMPE36P.ZFS	SHARE	SHARE
<input checked="" type="checkbox"/> ZOSMF.SWDEPLOY.TARGET.SMPE36P.CSI	SHARE	SHARE

Total: 3, Filtered: 3, Selected: 3

OK Reset Cancel

First, add your Userid, SHARAnn, as the third level qualifier

Then select Volume, rather than Storage Class

Next change the volume to SHRESB

Once the changes have been made, click OK

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Step 5e: Data Sets ...

That's all the data set changes you'll do for this Lab.
Now, on to catalog information!

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Deployments > Deployment Checklist > Configure Deployment

Configure Deployment for MASTER_SMPEV3.6_WITH_PTFS

✓ Welcome
✓ DLIBs
✓ Model
✓ SMP/E Zones
✚ **Data Sets**
Catalogs
Volumes and Storage Classes
Mount Points

Data Sets

The Data Sets table lists the names, volumes, and storage classes that will be used for the data sets included in the target software instance. Accept the default names, or use the **Modify** action to modify them.

Data Sets

Actions Match: All filters

Target Data Set Name Contains "zosmf"	Target Volume Filter	Target Storage Class Filter	Messages Filter	Source Data Set Name Filter	Source Volumes Filter
<input checked="" type="checkbox"/> ZOSMF.SWDEPLOY.SHARA20.GLOBAL.CSI	SHRESB			ZOSMF.SWDEPLOY.GLOBAL.CSI	SHR001
<input checked="" type="checkbox"/> ZOSMF.SWDEPLOY.SHARA20.SMPE36P.ZFS	SHRESB			ZOSMF.SWDEPLOY.SMPE36P.ZFS	SHR005
<input checked="" type="checkbox"/> ZOSMF.SWDEPLOY.SHARA20.TARGET.SMPE36P.CSI	SHRESB			ZOSMF.SWDEPLOY.TARGET.SMPE36P.CSI	SHR005

Total: 19, Filtered: 3, Selected: 3

< Back Next > Finish Cancel

Click Next

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Step 5f: Catalogs

IBM z/OS Management Facility

Welcome shara20

Software Management > Deployments > Deployment Checklist > Configure Deployment

Configure Deployment for MASTER_SMPEV3.6_WITH_PTFS

✓ Welcome
✓ DLIBs
✓ Model
✓ SMP/E Zones
✓ Data Sets
✦ **Catalogs**
Volumes and Storage Classes
Mount Points

Catalogs

The Target Data Set Name Prefixes table lists the catalogs where target data sets with the data set name prefixes will be cataloged. You can accept the default catalog ass or select not to catalog the corresponding data sets.

Target Data Set Name Prefixes

☒ Actions

Prefix Filter	New or Existing Filter	Catalog the Data Sets? Filter	Catalog Name Filter	Catalog Type Filter	Messages Filter
Collecting catalog information for the configuration. This request might take several minutes to complete.					

Total: 0, Selected: 0

< Back Next > Finish Cancel

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Step 5f: Catalogs ...

The list of data set name high level qualifiers (based on how you configured your deployment) are displayed

IBM z/OS Management Facility

Welcome shara20

Software Management > Deployments > Deployment Checklist > Configure Deployment

Configure Deployment for MASTER_SMPEV3.6_WITH_PTFS

✓ Welcome
✓ DLIBs
✓ Model
✓ SMP/E Zones
✓ Data Sets
✦ **Catalogs**
Volumes and Storage Classes
Mount Points

Catalogs

The Target Data Set Name Prefixes table lists the catalogs where target data sets with the data set name prefixes will be cataloged. You can accept the default catalog ass or select not to catalog the corresponding data sets.

Target Data Set Name Prefixes

☒ Actions

Prefix Filter	New or Existing Filter	Catalog the Data Sets? Filter	Catalog Name Filter	Catalog Type Filter	Messages Filter
<input checked="" type="checkbox"/> SMPE36P	Existing	Yes	UCAT.SHPROD	USER	
<input type="checkbox"/> ZOSMF	Existing	Yes (Required)	UCAT.SHPROD	USER	

Total: 2, Selected: 1

< Back Next > Finish Cancel

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Step 5f: Catalogs ...

You are not going to have Software Deployment catalog these data sets for this Lab. These data sets are the non-VSAM, non-zFS data sets. The VSAM and zFS data sets must be cataloged.

Click on Actions, and then Do Not Catalog Data Sets

Prefix	New or Existing	Catalog the Data Sets?	Catalog Name	Catalog Type	Messages
SM	Existing	Yes	UCAT.SHPROD	USER	
ZO	Existing	Yes (Required)	UCAT.SHPROD	USER	

Total: 2, Selected: 1

< Back Next > Finish Cancel

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Step 5f: Catalogs ...

Click Next

Prefix	New or Existing	Catalog the Data Sets?	Catalog Name	Catalog Type	Messages
SMPE36P	Existing	No			
ZOSMF	Existing	Yes (Required)	UCAT.SHPROD	USER	

Total: 2, Selected: 1

< Back Next > Finish Cancel

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Step 5g: Volumes and Storage Classes

IBM z/OS Management Facility

Welcome shara20

Software Management > Deployments > Deployment Checklist > Configure Deployment

Configure Deployment for MASTER_SMPEV3.6_WITH_PTFS

✓ Welcome
✓ DLIBs
✓ Model
✓ SMP/E Zones
✓ Data Sets
✓ Catalogs
✓ Volumes and Storage Classes
Mount Points

Volumes and Storage Classes

The Target Volumes and Target Storage Classes tables list the volumes or storage classes where each target data set or new user catalog will reside. Accept the default volume or storage class by clicking the **Modify** action to modify them.

Target Volumes

Actions

Volume	Total Capacity (MB)	Current Allocated Space (MB)	Current Allocated Space (%)	Messages	Allocated Space After	Allocated Space After	Allocated Space Delta (MB)	Planned Threshold (%)	Initialize Volume	Catalog Method	Indirect Catalog Entry Symbol
Collecting storage information for the configuration. This request might take several minutes to complete.											

Cancel

Total: 0
Target Storage Classes

Actions

Storage Class	Space Required (MB)
---------------	---------------------

Refresh Last refresh: Apr 10, 2014 11:33 AM local time (Apr 10, 2014 3:33:28 PM GMT)

< Back Next > Finish Cancel

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

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Step 5g: Volumes and Storage Classes ...

The list of volumes (based on how you configured your deployment) is displayed

IBM z/OS Management Facility

Welcome shara20

Software Management > Deployments > Deployment Checklist > Configure Deployment

Configure Deployment for MASTER_SMPEV3.6_WITH_PTFS

✓ Welcome
✓ DLIBs
✓ Model
✓ SMP/E Zones
✓ Data Sets
✓ Catalogs
✓ Volumes and Storage Classes
Mount Points

Volumes and Storage Classes

The Target Volumes and Target Storage Classes tables list the volumes or storage classes where each target data set or new user catalog will reside. Accept the default volume or storage class by clicking the **Modify** action to modify them.

Target Volumes

Actions

Volume	Total Capacity (MB)	Current Allocated Space (MB)	Current Allocated Space (%)	Messages	Allocated Space After Deployment (MB)	Allocated Space After Deployment (%)	Allocated Space Delta (MB)	Planned Threshold (%)	Initialize Volume	Catalog Method	Indirect Catalog Entry Symbol
SHRESA	8514.05	6134.73	72		6220.74	73	86.01	85	No	Direct	
SHRESB	8514.05	7866.49	92	IZUD516W	8046.00	95	179.51	85	No	Direct	

Total: 2, Selected: 1
Target Storage Classes

Actions

Storage Class	Space Required (MB)
---------------	---------------------

Refresh Last refresh: Apr 10, 2014 11:33:28 AM local time (Apr 10, 2014 3:33:28 PM GMT)

< Back Next > Finish Cancel

Select the SHRESA Volume

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Step 5g: Volumes and Storage Classes ...

Let's see how you could change some attributes of one of the volumes for this Deployment. Please note that these changes are NOT needed for this deployment

Click on Actions, and then Modify

Current Allocated Space (MB)	Current Allocated Space (%)	Messages	Allocated Space After Deployment (MB)	Allocated Space After Deployment (%)	Allocated Space Delta (MB)	Planned Threshold (%)	Initialize Volume	Catalog Method	Indirect Catalog Entry Symbol
6134.73	72		6220.74	73	86.01	85	No	Direct	
7866.49	92	IZUD516W	8046.00	95	179.51	85	No	Direct	

Total: 2, Selected: 1
Target Storage Classes

Storage Class	Space Required (MB)
01	

Refresh Last refresh: Apr 10, 2014 11:33:28 AM local time (Apr 10, 2014 3:33:28 PM GMT)

< Back Next > Finish Cancel

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Step 5g: Volumes and Storage Classes ...

The list of attributed of the selected volume is displayed allowing you to change the values, including the volume serial number

1. Click Indirect
2. Then specify a symbol name, e.g., &MYRES

3. Then change the Planned threshold to 99%

State	Allocated Space (MB)	Allocated Space (%)
Before deployment	6134.73	72
After deployment	6220.74	73

Allocated space delta (MB): 86.01

OK Cancel

Finally, click OK

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Step 5g: Volumes and Storage Classes ...

Now we will clear up the warning message displayed below

Configure Deployment for MASTER_SMPEV3.6_WITH_PTFS

Volumes and Storage Classes

The Target Volumes and Target Storage Classes tables list the volumes and storage classes where each target data set or new user catalog will reside. Accept the default values or use the **Modify** action to modify them.

Volume	Total Capacity (MB)	Current Allocated Space (MB)	Current Allocated Space (%)	Messages	Allocated Space After Deployment (MB)	Allocated Space After Deployment (%)	Allocated Space Delta (MB)	Planned Threshold (%)	Initialize Volume	Catalog Method	Indirect Catalog Entry Symbol
SHRESB	8514.05	6134.73	72		6220.74	73	86.01	99	No	Indirect	&MYRES
SHRESB	8514.05	7866.49	92	IZUD516W	8046.00	95	179.51	85	No	Direct	

Total: 2, Selected: 1

Target Storage Classes

Storage Class	Space Required (MB)

Refresh Last refresh: Apr 10, 2014 11:33:28 AM local time (Apr 10, 2014 3:33:28 PM GMT)

< Back Next > Finish Cancel

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Step 5g: Volumes and Storage Classes ...

Modify Volume SHRESB

Volume: SHRESB

Total capacity (MB): 8514.05

Initialize volume: ☐ Yes ☒ No

Catalog method: ☒ Direct ☐ Indirect

Planned threshold (%): 99

State	Allocated Space (MB)	Allocated Space (%)
Before deployment	7866.49	92
After deployment	8046.00	95

Allocated space delta (MB): 179.51

OK Cancel

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The warning message identified that the amount of space required on the target volume exceeded the planned threshold limit set for this volume. To resolve the warning you could:

- Identify a different volume, one with more freespace (possibly a larger volume)
 - Choose to initialize the volume, so the space used by existing data sets would now be considered free.
 - Increase the Planned Threshold.
- For this lab, you will choose the last option.

Change the Planned threshold to 99%

Then click OK

Step 5g: Volumes and Storage Classes ...

The table is updated to reflect the changes to SHRESA and SHRESB. Notice that the warning message has been resolved!

IBM z/OS Management Facility

Welcome | Software Man... |

Software Management > Deployments > Deployment Checklist > Configure Deployment

Configure Deployment for MASTER_SMPEV3.6_WITH_PTFS

✓ Welcome
✓ DLIBs
✓ Model
✓ SMP/E Zones
✓ Data Sets
✓ Catalogs
✚ **Volumes and Storage Classes**
Mount Points

Volumes and Storage Classes

The Target Volumes and Target Storage Classes tables list the volumes or storage classes where each target data set or new user catalog will reside. Accept the default values or use the **Modify** action to modify them.

Target Volumes

Actions

Volume	Total Capacity (MD)	Current Allocated Space (MB)	Current Allocated Space (%)	Messages	Allocated Space After Deployment (MB)	Allocated Space After Deployment (%)	Allocated Space Delta (MD)	Planned Threshold (%)	Initialize Volume	Catalog Method	Indirect Catalog Entry Symbol
SHRESA	8514.05	6134.73	72		6220.74	73	86.01	99	No	Indirect	&MYRES
SHRESB	8514.05	7866.49	92		8046.00	95	179.51	99	No	Direct	

Total: 2, Selected: 1

Target Storage Classes

Actions

Storage Class	Space Required (MB)
---------------	---------------------

Refresh Last refresh: Apr 10, 2014 11:33:28 AM local time

< Back Next > Finish Cancel

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Step 5h: Mount Points

The list of mount points that will be used for the target software instance is displayed. You need to specify a new mount point for this Deployment.

IBM z/OS Management Facility

Welcome | Software Man... |

Software Management > Deployments > Deployment Checklist > Configure Deployment

Configure Deployment for MASTER_SMPEV3.6_WITH_PTFS

✓ Welcome
✓ DLIBs
✓ Model
✓ SMP/E Zones
✓ Data Sets
✓ Catalogs
✓ Volumes and Storage Classes
✚ **Mount Points**

Mount Points

The Mount Points table lists the mount points that will be used for the target software instance. Accept the default mount points, or use the **Modify** action to modify them.

Mount Points

Actions

Target mount point	Target Data Set Name	Source mount point	Source Data Set Name
/sharelab/swdeploy/smpe36p	ZOSMF.SWDEPLOY.SHARA20.SMPE36P.ZFS	/sharelab/swdeploy/smpe36p	ZOSMF.SWDEPLOY.SMPE36P.ZFS

Total: 1, Selected: 1

< Back Next > Finish Cancel

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Step 5h: Mount Points ...

Click on Actions, and then Modify Target Mount Point

Target Data Set Name	Source mount point	Source Data Set Name
ZOSMF.SWDEPLOY.SHARA20.SMPE36P.ZFS	/sharelab/swdeploy/smpe36p	ZOSMF.SWDEPLOY.SMPE36P.ZFS

Total: 1, Selected: 1

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Step 5h: Mount Points ...

Add a subdirectory with your Userid, SHARAnn, e.g., /sharelab/swdeploy/shara20/smpe36p

- Please note that the directory name IS case sensitive, but for this lab it doesn't matter

Example target mount point:
/sharelab/swdeploy/smp36p
/sharelab/swdeploy/shara20smpe36p

Common mount points directory:
From: /sharelab/swdeploy/smpe36p
To: /sharelab/swdeploy/shara20

Target mount point	Target Data Set Name	Source mount point	Source Data Set Name
/sharelab/swdeploy/smpe36p	ZOSMF.SWDEPLOY.SHARA20.SMPE36P.ZFS	/sharelab/swdeploy/smpe36p	ZOSMF.SWDEPLOY.SMPE36P.ZFS

OK Cancel

Once the changes have been made, click OK

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Brief advertisement of recently enhanced function

**The next few screen captures are not part of the lab.
They are included to show you a recent enhancement**

Mass Edit Capabilities for z/OS UNIX Mount Points when Configuring a Deployment

- Currently the user has to edit the z/OS UNIX mount points one at a time.
 - This may not have been obvious in the lab since the software instance being deployed only had one (1) mount point.
- PTFs UI16044 and UI16028 allow the user to use common mount point directories to change multiple mount points at once
 - Similar to what is currently provided for data sets
- An example follows

Mass Edit Capabilities for z/OS UNIX Mount Points when Configuring a Deployment ...

Mount Points

The Mount Points table lists the mount points that will be used for the UNIX file system data sets included in the target software instance. Accept the default mount point them.

Target mount point	Target Data Set Name	Source mount point	Source Data Set Name
/u/mvsbuild/zos21	OMVS.ZFS.AQTS.MVSBUILD.ZOS22	/u/mvsbuild/zos21	OMVS.ZFS.AQTS.MVSBUILD.ZOS21
/u/mvsbuild/zos21/etc	OMVS.ZFS.AQTS.MVSBUILD.ZOS22.ETC	/u/mvsbuild/zos21/etc	OMVS.ZFS.AQTS.MVSBUILD.ZOS21.ETC
/u/mvsbuild/zos21/usr/pp/fonts	OMVS.ZFS.AQTS.MVSBUILD.ZOS22.FONT	/u/mvsbuild/zos21/usr/pp/fonts	OMVS.ZFS.AQTS.MVSBUILD.ZOS21.FONT

- For example, if you were copying a z/OS V2.1 system to be used as a base for a z/OS V2.2 system, then you might
 - Rename the source data sets that have a ZOS21 qualifier to have a ZOS22 qualifier
 - Rename the source mount point from having a zos21 directory to have a zos22 directory.
 - Prior to the PTF for APAR PM99518 you would have had to modify each target mount point individually.

Not part of an exercise for this lab.

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Mass Edit Capabilities for z/OS UNIX Mount Points when Configuring a Deployment ...

Mount Points

The Mount Points table lists the mount points that will be used for the UNIX file system data sets included in the target software instance. Accept the default mount point them.

Target mount point	Target Data Set Name	Source mount point	Source Data Set Name
/u/mvsbuild/zos21	OMVS.ZFS.AQTS.MVSBUILD.ZOS22	/u/mvsbuild/zos21	OMVS.ZFS.AQTS.MVSBUILD.ZOS21
/u/mvsbuild/zos21/etc	OMVS.ZFS.AQTS.MVSBUILD.ZOS22.ETC	/u/mvsbuild/zos21/etc	OMVS.ZFS.AQTS.MVSBUILD.ZOS21.ETC
/u/mvsbuild/zos21/usr/pp/fonts	OMVS.ZFS.AQTS.MVSBUILD.ZOS22.FONT	/u/mvsbuild/zos21/usr/pp/fonts	OMVS.ZFS.AQTS.MVSBUILD.ZOS21.FONT

Now with the PTF installed, you can select each target mount point and then click Actions, then Modify Target Mount Point

Not part of an exercise for this lab.

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Mass Edit Capabilities for z/OS UNIX Mount Points when Configuring a Deployment ...

IBM z/OS Management Facility

Welcome gdaynes

Software Management > Software Instances > Deployments > Deployment Checklist > Configure Deployment > Modify Mount Point

Modify Target Mount Point

Enter a new target mount point for the selected mount points.

Common mount points directory:

From: /u/mvbuild/zos21

To: /u/mvbuild/zos21

Example target mount point:
/u/mvbuild/zos21
/u/mvbuild/zos21

Selected mount points

Target mount point	Target Data Set Name	Source mount point	Source Data Set Name
/u/mvbuild/zos21	OMVS.ZFS.AQTS.MVSBUILD.ZOS22	/u/mvbuild/zos21	OMVS.ZFS.AQTS.MVSBUILD.ZOS21
/u/mvbuild/zos21/etc	OMVS.ZFS.AQTS.MVSBUILD.ZOS22.ETC	/u/mvbuild/zos21/etc	OMVS.ZFS.AQTS.MVSBUILD.ZOS21.ETC
/u/mvbuild/zos21/usr/lpp/fonts	OMVS.ZFS.AQTS.MVSBUILD.ZOS22.FONTS	/u/mvbuild/zos21/usr/lpp/fonts	OMVS.ZFS.AQTS.MVSBUILD.ZOS21.FONTS

OK Cancel

Just overwrite the changes you want to make (next slide)

Not part of an exercise for this lab.

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Mass Edit Capabilities for z/OS UNIX Mount Points when Configuring a Deployment ...

IBM z/OS Management Facility

Welcome gdaynes

Software Management > Software Instances > Deployments > Deployment Checklist > Configure Deployment > Modify Mount Point

Modify Target Mount Point

Enter a new target mount point for the selected mount points.

Common mount points directory:

From: /u/mvbuild/zos21

To: /u/mvbuild/zos22

Example target mount point:
/u/mvbuild/zos21
/u/mvbuild/zos22

Selected mount points

Target mount point	Target Data Set Name	Source mount point	Source Data Set Name
/u/mvbuild/zos21	OMVS.ZFS.AQTS.MVSBUILD.ZOS22	/u/mvbuild/zos21	OMVS.ZFS.AQTS.MVSBUILD.ZOS21
/u/mvbuild/zos21/etc	OMVS.ZFS.AQTS.MVSBUILD.ZOS22.ETC	/u/mvbuild/zos21/etc	OMVS.ZFS.AQTS.MVSBUILD.ZOS21.ETC
/u/mvbuild/zos21/usr/lpp/fonts	OMVS.ZFS.AQTS.MVSBUILD.ZOS22.FONTS	/u/mvbuild/zos21/usr/lpp/fonts	OMVS.ZFS.AQTS.MVSBUILD.ZOS21.FONTS

OK Cancel

And click OK

Not part of an exercise for this lab.

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Mass Edit Capabilities for z/OS UNIX Mount Points when Configuring a Deployment ...

IBM z/OS Management Facility

Welcome gdaynes

Software Management > Software Instances > Deployments > Deployment Checklist > Configure Deployment

Configure Deployment for zOSV2R1_Build

Mount Points

The Mount Points table lists the mount points that will be used for the UNIX file system data sets included in the target software instance. Accept the default mount point for them.

Target mount point	Target Data Set Name	Source mount point	Source Data Set Name
/u/mvbuild/zos22	OMVS.ZFS.AQTS.MVSBUILD.ZOS22	/u/mvbuild/zos21	OMVS.ZFS.AQTS.MVSBUILD.ZOS21
/u/mvbuild/zos22/etc	OMVS.ZFS.AQTS.MVSBUILD.ZOS22.ETC	/u/mvbuild/zos21/etc	OMVS.ZFS.AQTS.MVSBUILD.ZOS21.ETC
/u/mvbuild/zos22/usr/lpp/fonts	OMVS.ZFS.AQTS.MVSBUILD.ZOS22.FONT	/u/mvbuild/zos21/usr/lpp/fonts	OMVS.ZFS.AQTS.MVSBUILD.ZOS21.FONT

Total: 3, Selected: 3

< Back Next > Finish Cancel

The target mount points will have a zos22 directory when the deployment jobs are run.

Not part of an exercise for this lab.

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**Back to the regularly
scheduled program
(lab)**

Step 5: Configure the Deployment ...

The Deployment has been configured at this point!

IBM z/OS Management Facility

Welcome sharazu

Software Management > Deployments > Deployment Checklist > Configure Deployment

Configure Deployment for MASTER_SMPEV3.6_WITH_PTFS

- ✓ Welcome
- ✓ DLIBs
- ✓ Model
- ✓ SMP/E Zones
- ✓ Data Sets
- ✓ Catalogs
- ✓ Volumes and Storage Classes
- **Mount Points**

Mount Points

The Mount Points table lists the mount points that will be used for the UNIX file system data sets included in the target software instance. Accept the default mount points **Point** action to modify them.

Mount Points

Target mount point	Target Data Set Name	Source mount point	Source Data Set Name
/sharelab/swdeploy/shara20smpe36p	ZOSMF.SWDEPLOY.SHARA20.SMPE36P.ZFS	/sharelab/swdeploy/smp36p	ZOSMF.SWDEPLOY.SMPE36P.ZFS

Total: 1, Selected: 1

< Back Next > **Finish** Cancel

Review then click Finish

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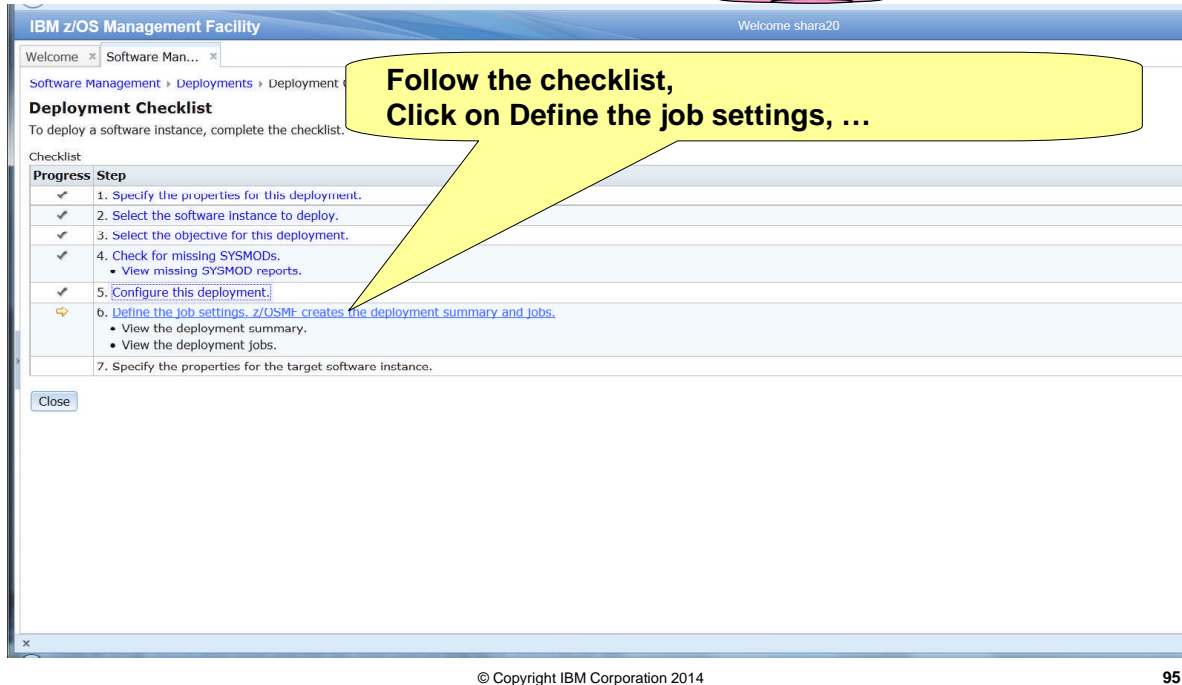
**Step 6: Create
deployment jobs and
summary**

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Step 6: Create Deployment Jobs and Summary

At this point, you'll prepare to create the jobs for the Deployment.



IBM z/OS Management Facility

Welcome shara20

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

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Step 6a: Define Job Settings

The first time in you will have to provide JOB card information



IBM z/OS Management Facility

Welcome shara20

Software Management > Deployments > Deployment Checklist > Define Job Settings

Define Job Settings

The data set name below will be used for the JCL jobs generated. Edit or accept the data set name and job card data.

JCL data set name:

SHARA20.DM.D140410.T114013.CNTL

JOB statement:

```
-----1-----2-----3-----4-----5-----6-----7-----
//JOBNAME JOB (ACCOUNT), 'NAME'
//*
//*
//*
```

Undo Changes Restore Defaults

OK Cancel

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Step 6a: Define Job Settings ...

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Deployments > Deployment Checklist > Define Job Settings

Define Job Settings

The data set name below will be used for the JCL jobs generated. Edit or accept the data set name and job card data.

* JCL data set name:

SHARA20.DM.D140410.T114013.CNTL

* JOB statement:

```
-----1-----2-----3-----4-----5-----6-----7-----
//SHARA20 JOB 'D98A,B9211068','SHARE/EXPO SMPE LAB',REGION=0E,
//          MSGLEVEL=(1,1),CLASS=A,MSGCLASS=H,NOTIFY=SHARA20
//*JOBPARM S=*
//*
```

Undo Changes Restore Defaults

OK Cancel

Optionally change the middle level qualifiers of the data set name.
You must keep the HLQ as your assigned userid, or else you won't have access to create the jobs for the Lab.
You should keep .CNTL as the low level qualifier of the data set name

Specify JOB card information

Then click OK

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Step 6a: Define Job Settings ...

IBM z/OS Management Facility

Welcome shara20

Welcome x Software Man... x

Software Management > Deployments > Deployment Checklist > Define Job Settings

Define Job Settings

The data set name below will be used for the JCL jobs generated. Edit or accept the data set name and job card data.

* JCL data set name:

SHARA20.DM.D140410.T114013.CNTL

* JOB statement:

```
-----1-----2-----3-----4-----5-----6-----7-----
//SHARA20 JOB 'D98A,B9211068','SHARE/EXPO SMPE LAB',REGION=0E,
//          MSGLEVEL=(1,1),CLASS=A,MSGCLASS=H,NOTIFY=SHARA20
//*JOBPARM S=*
//*
```

Undo Changes Restore Defaults

OK Cancel

Creating the deployment summary and jobs. This request might take several minutes to complete.

Cancel

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

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Step 6b: View the Deployment Summary

You now have the deployment jobs created which represent all the information you've provided! You can look at all that information in the summary about this Deployment.

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

Follow the checklist,
Click on View the deployment summary

Step 6b.1: View the Deployment Summary ...

Results displayed – SMP/E Zones

1. The planned results of your deployment are displayed. At this point no updates have been made to the target system.

2. Verify the Zone Name and Data Set Name of the CSIs

3. Click Volumes to advance

Don't click OK until you've opened all the tabs above

OK

Step 6b.2: View the Deployment Summary ...

Results displayed - Volumes

1. The planned results of your deployment are displayed. At this point no updates have been made to the target system.

2. Verify the Volumes

3. Click Data Sets to Delete to advance

Don't click OK until you've opened all the tabs above

Volume	Initialize Volume	Data Sets to Delete	Data Sets to Add	Data Sets to Replace
SHRFSR			Yes	
SHRESA			Yes	

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Step 6b.3: View the Deployment Summary ...

Results displayed – Data Sets to Delete

1. The planned results of your deployment are displayed. At this point no updates have been made to the target system.

2. You can verify the data sets to delete. However, since you didn't specify to initialize the volume, nor select to replace an existing software instance there are no data sets to delete

3. Click Data Sets to Add to advance

Don't click OK until you've opened all the tabs above

Name	Volume
There is no data to display.	

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Step 6b.4: View the Deployment Summary ...

Results displayed – Data Sets to Add

IBM z/OS Management Facility

Welcome | Software Man... |

Software Management > Deployments > Deployment Check...

View Deployment Summary

Review the changes that will occur on the target system when you click OK.

Source software instance: MASTER_SMP36P3.6_WITH_PTFS
Target system: LOCAL
Deployment objective: Create new software instance, create new global zone

SMP/E Zones | Volumes | Data Sets to Delete | **Data Sets to Add** | Data Sets to Replace | Catalogs | Catalog Aliases | Catalog Entries To Delete | Catalog Entries To Add | Catalog Entries To Update

Data Sets

Actions

Name Filter	Volume Filter	Storage Class Filter
SMPE36P.GIM.MACLIB	SHRESA	
SMPE36P.GIM.MIGLIB	SHRESA	
SMPE36P.GIM.NONSMP.DATA	SHRESA	
SMPE36P.GIM.SAMPLIB	SHRESA	
SMPE36P.GIM.SGIMCLS0	SHRESA	
SMPE36P.GIM.SGIMLMD0	SHRESA	
SMPE36P.GIM.SGIMMENU	SHRESA	
SMPE36P.GIM.SGIMPENU	SHRESA	
SMPE36P.GIM.SGIMSENU	SHRESA	
SMPE36P.GIM.SGIMTENU	SHRESA	
SMPE36P.SWDEPLOY.TARGET.SMP36P.SURCSA		
SMPL0G		
SMPE36P.SWDEPLOY.TARGET.SMP36P.SURCSA		
Total: 19		

OK

Don't click OK until you've opened all the tabs above

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Step 6b.5: View the Deployment Summary ...

Results displayed – Data Sets to Replace

IBM z/OS Management Facility

Welcome | Software Man... |

Software Management > Deployment

View Deployment Summary

Review the changes that will occur on the target system when you click OK.

Source software instance: MASTER_SMP36P3.6_WITH_PTFS
Target system: LOCAL
Deployment objective: Create new software instance, create new global zone

SMP/E Zones | Volumes | Data Sets to Delete | Data Sets to Add | **Data Sets to Replace** | Catalogs | Catalog Aliases | Catalog Entries To Delete | Catalog Entries To Add | Catalog Entries To Update

Data Sets

Actions

Current Data Set Name Filter	Current Volume Filter	New Data Set Name Filter	New Volume Filter	New Storage Class Filter
There is no data to display.				

Total: 0

OK

Don't click OK until you've opened all the tabs above

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Step 6b.6: View the Deployment Summary ...

Results displayed - Catalogs

1. The planned results of your deployment are displayed. At this point no updates have been made to the target system.

2. Verify that the existing User Catalog will be used

3. Click Catalog Aliases to advance

Name	New or Existing	Type	Catalog Entries to Delete	Catalog Entries to Add	Catalog Entries to Update
UCAT.SHPROD	Existing	USER		Yes	

Don't click OK until you've opened all the tabs above

Step 6b.7: View the Deployment Summary ...

Results displayed – Catalog Aliases

1. The planned results of your deployment are displayed. At this point no updates have been made to the target system.

2. Again, based on how this deployment was configured there are no new catalog aliases

3. Click Catalog Entries to Delete to advance

Name	User Catalog	New or Existing Catalog	Volume	Storage Class	Primary Space (Cylinders)	Secondary Space (Cylinders)
There is no data to display.						

Don't click OK until you've opened all the tabs above

Step 7b.8: View the Deployment Summary ...

Results displayed – Catalog Entries to Delete

1. The planned results of your deployment are displayed. At this point no updates have been made to the target system.

2. Again, based on how this deployment was configured there are no catalog entries to delete

3. Click Catalog Entries to Add to advance

Don't click OK until you've opened all the tabs above

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Step 6b.9: View the Deployment Summary ...

Results displayed - Catalog Entries to Add

1. The planned results of your deployment are displayed. At this point no updates have been made to the target system.

2. Verify the data set names, catalog, and data set location for the CSI and zFS data sets

3. Click Catalog Entries to Update to advance

Don't click OK until you've opened all the tabs above

Data Set Name Filter	Catalog Filter	Catalog Entry Volume Filter	Data Set Volume Filter	Data Set Storage Class Filter
ZOSMF.SWDEPLOY.SHARA20.GLOBAL.CS	UCAT.SHPROD	SHRESB	SHRESB	
ZOSMF.SWDEPLOY.SHARA20.SMP.E36P.ZFS	UCAT.SHPROD	SHRESB	SHRESB	
ZOSMF.SWDEPLOY.SHARA20.TARGET.SMP.E36P.CSI	UCAT.SHPROD	SHRESB	SHRESB	

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Step 6b.10: View the Deployment Summary ...

Results displayed – Catalog Entries to Update

IBM z/OS Management Facility

Welcome shara20

Software Management > Deployments > Deployment Checklist > View Deployment Summary

View Deployment Summary

Review the changes that will occur on the target system when you submit the deployment jobs.

Source software instance: MASTER_SMPEV3.6_WITH_PIFS on system
Target system: LOCAL
Deployment objective: Create new software instance, create new global zone

SMP/E Zones | Volumes | Data Sets to Delete | Data Sets to Add | Data Sets to Replace | Catalogs | Catalog Aliases | Catalog Entries To Delete | Catalog Entries To Add | **Catalog Entries To Update**

Catalog Entries

Data Set Name Filter	Catalog Filter	Current Catalog Entry Volumes Filter	New Catalog Entry Volume Filter	Data Set Volume Filter	Data Set Storage Class Filter
There is no data to display.					

Total: 0

OK

Now it is OK to click OK

1. The planned results of your deployment are displayed. At this point no updates have been made to the target system.
2. Again, based on how this deployment was configured there are no catalog entries to update

Step 6c: View the Deployment Jobs

You seen the summary of what will happen, now let's look at the list of jobs that will do it.

IBM z/OS Management Facility

Welcome shara20

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. • View missing SYSMOD reports.
✓	5. Configure this deployment.
✓	6. Define the job settings. z/OSMF displays the deployment summary and jobs. • View the deployment summary. • View the deployment jobs.
✚	7. Specify the properties for the target software instance.

Close

Follow the checklist, Click on View the deployment jobs

Step 6c: View the Deployment Jobs

Job (member) names and descriptions are displayed.
Based on options that you used during your
deployment configuration, you may have more jobs
than what you see for this Lab.

View Deployment Jobs

Review and submit the jobs created for this deployment. The jobs are stored in the specified partitioned data set.

Data set name: SHARA20.DM.D140410.T114014.CNTL
Target system: LOCAL

Jobs

Actions ▾

Job Sequence Filter	Job Name Filter	Description Filter
1	IZUD01CP	Copy Data Sets: Copy the source software instance data sets to create the target software instance data sets in the location defined by the deployment configuration, using temporary and unique data set names.
2	IZUD02RN	Rename Data Sets: Rename the target software instance data sets from their temporary and unique names to their desired names defined by the deployment configuration, and update catalog entries for the data sets as needed.
3	IZUD03UC	Update CSI Data Sets: Update the entries within the SMP/E CSI data sets to reflect the target software instance zone names, data set names and locations, and UNIX directory prefixes.

Total: 3

OK

Review the job names and descriptions,
then click OK

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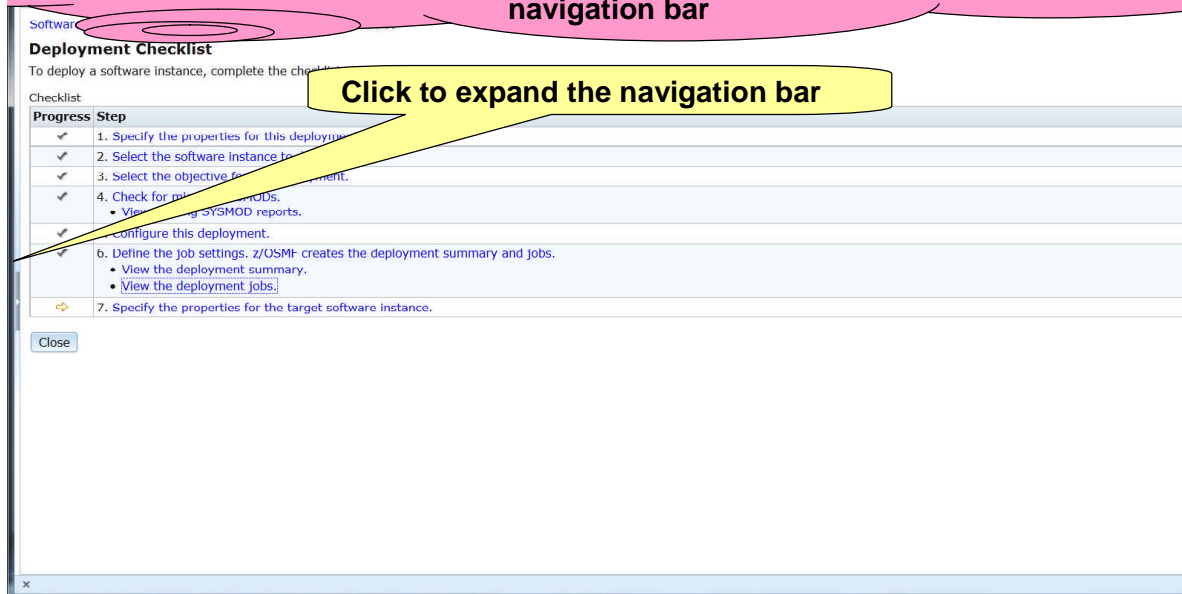
**Step 6d: Use z/OSMF's
ISPF to view the
deployment jobs**

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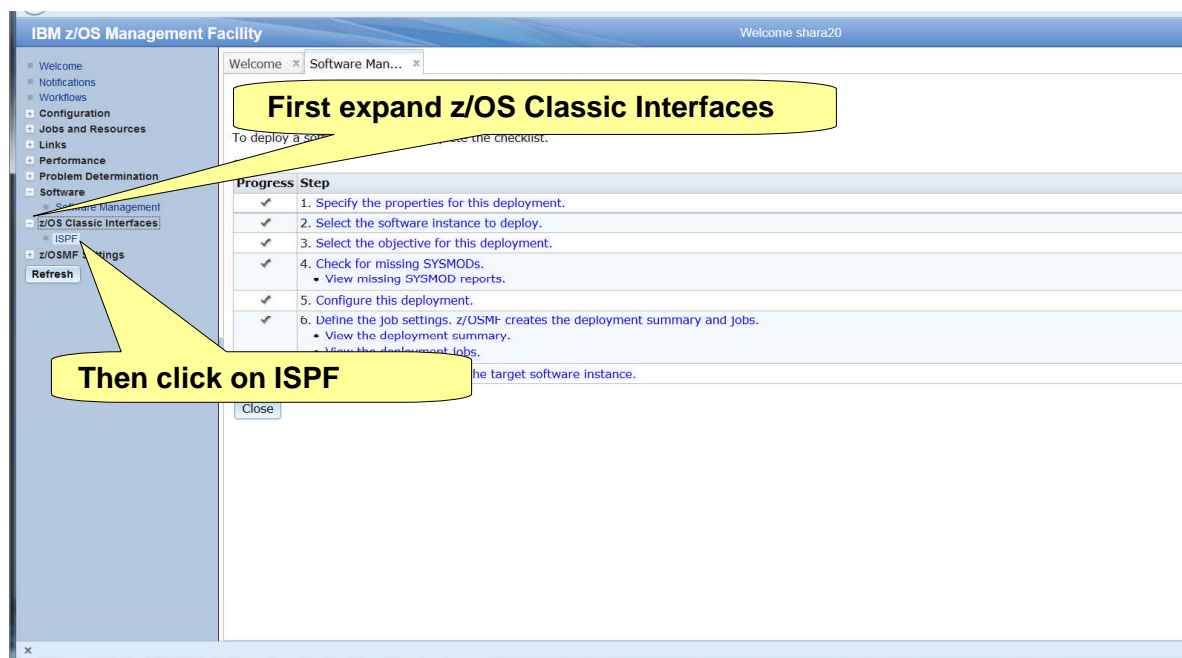
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Step 6d: Use z/OSMF's ISPF to View the Deployment Jobs

Now you would logon to TSO and submit the jobs. For this Lab you will use the z/OSMF ISPF interface only to look at the jobs. To use z/OSMF's ISPF to view the deployment jobs you first need to expand the view to include the navigation bar



Step 6d.1: Invoke z/OSMF's ISPF



Step 6d.2: Logon to z/OSMF's ISPF

New ISPF Tab

Note: You may not see this panel if another person used this Userid for a z/OSMF lab

z/OSMF ISPF User Settings

Ctrl key as Enter key takes effect in the dialog after pressing the OK or Apply buttons. Other settings take effect when you start (or restart) ISPF. Color selections also take effect after the next z/OSMF ISPF page refresh.

☒ Show settings dialog with every logon.
☐ Enable Ctrl key as Enter key

Logon procedure:

Region size (kilobytes):

Account number:

User group:

Profile sharing:

Screen size rows:

Screen size columns:

Code page:

Language:

Man colors from z/OS ISPF to z/OSMF ISPF

Step 6d.2: Logon to z/OSMF's ISPF ...

The ISPF Primary Panel

IBM z/OS Management Facility

Welcome shara20

Log out IBM

Insert on TSO Messages Settings Help

1 - PRIMARY

OPTION =====

----- SHARE ISPF 7.1 SCROLLABLE PRIMARY OPTION MENU ----- s1

D Alternate Dialog ==> CMD(?????)

D2 Alternate Dialog ==> PANEL(?????)

The time is 11:51 a.m. on Thursday, April 10, 2014 (2014.100)

Your uid is SHARA20 dsn prefix is SHARA20 proc is SHARE sys is s1

0 SETTINGS - Specify ISPF parameters

1 VIEW - view source data or output listing

1P VIEW-OE - View/browse files in the Open Edition file system

2 EDIT - Create or change source data

2P EDIT-OE - Edit files in the Open Edition file system

3 UTILITIES - Perform utility functions

3P ISHELL-OE - Open Edition ISPF shell

4 FOREGROUND - Invoke language processors in foreground

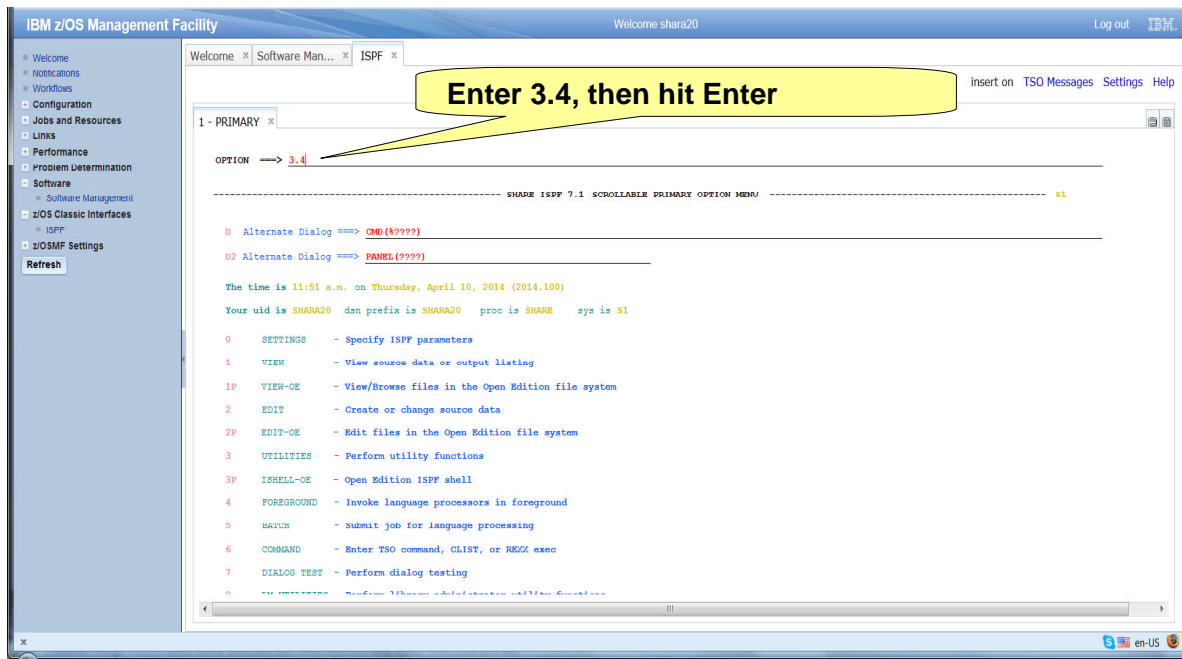
5 BATCH - Submit job for language processing

6 COMMAND - Enter TSO command, CLIST, or RECFM exec

7 DIALOG TEST - Perform dialog testing

8 TO MESSAGE

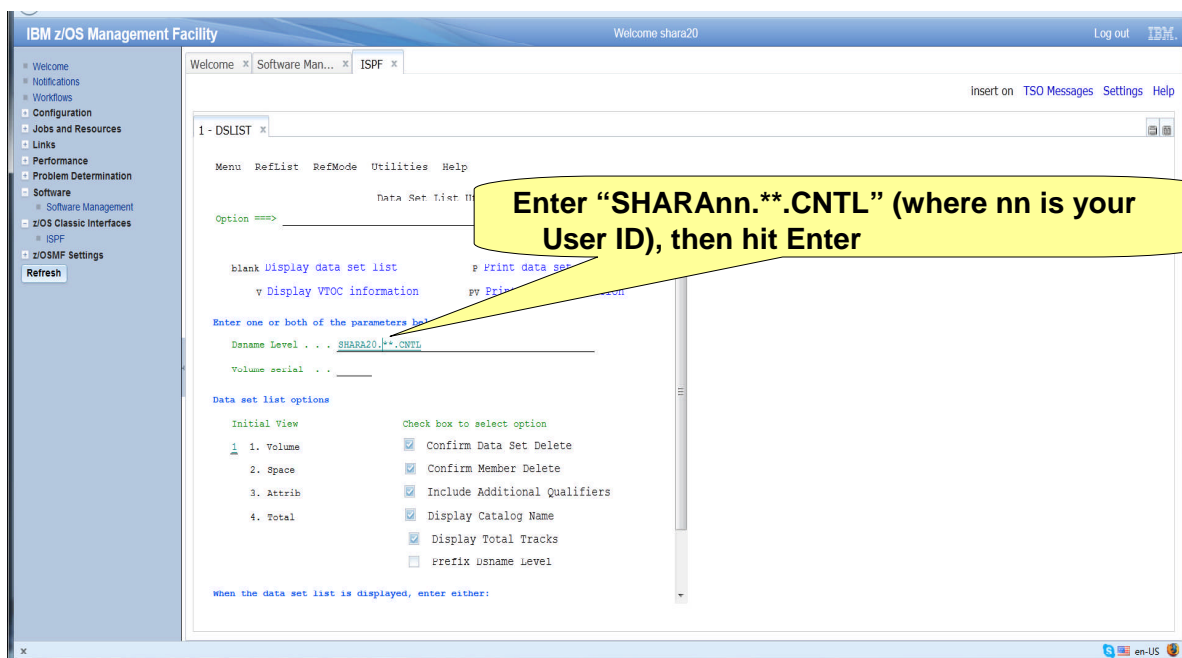
Step 6d.3: View the Deployment Jobs in ISPF



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Step 6d.3: View the Deployment Jobs in ISPF



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Step 6d.3: View the Deployment Jobs in ISPF ...

Specify V for View for your deployment jobs JCL data set name and hit enter

IBM z/OS Management Facility

Welcome x Software Man... x ISPF x

1 - DSLIST

Menu Options View Utilities Compilers

Command ==> _____ Scroll ==> PAGE

DSLIST - Data Sets Matching _____ Row 1 of 3

Command = Enter *_____ Set action Message Volume

File	Volume
SHARA20.DM.D140410.T114013.CNTL	SHTS01
SHARA20.RMF.CNTL	SHTS06
SHARA20.TDOTXT.CNTL	SHTS04

***** End of Data Set list *****

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Step 6d.3: View the Deployment Jobs in ISPF ...

The jobs that were created by Software Deployment are listed including a “read me” file.

IBM z/OS Management Facility

Welcome x Software Man... x ISPF x

Log out IBM

Insert on TSO Messages Settings Help

1 - DSLIST

Menu Functions Confirm Utilities Help

Command ==> _____ Scroll ==> PAGE

VIEW SHARA20.DM.D140410.T114013.CNTL Row 0000001 of 0000004

Name	Prompt	Disc	Created	Changed	ID
IZUD00RM					
IZUD01CP					
IZUD07EN					
IZUD03UC					

End

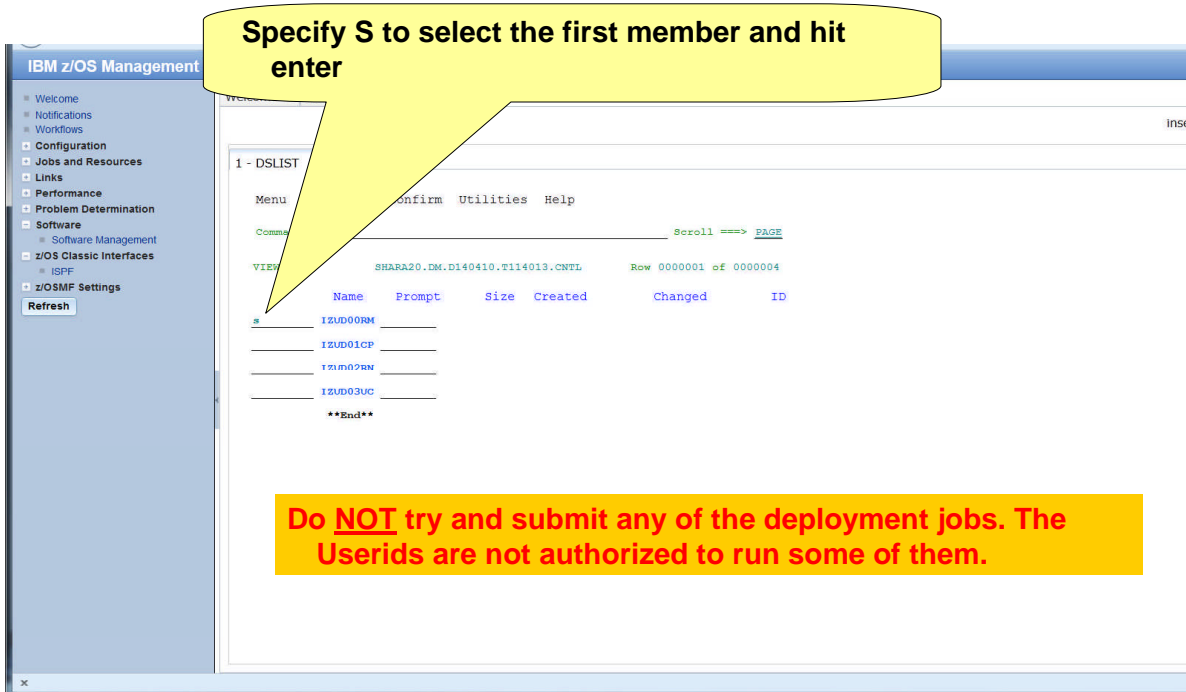
Do **NOT** try and submit any of the deployment jobs. The Userids are not authorized to run some of them.

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Step 6d.4: View the Deployment Readme file

Specify S to select the first member and hit enter



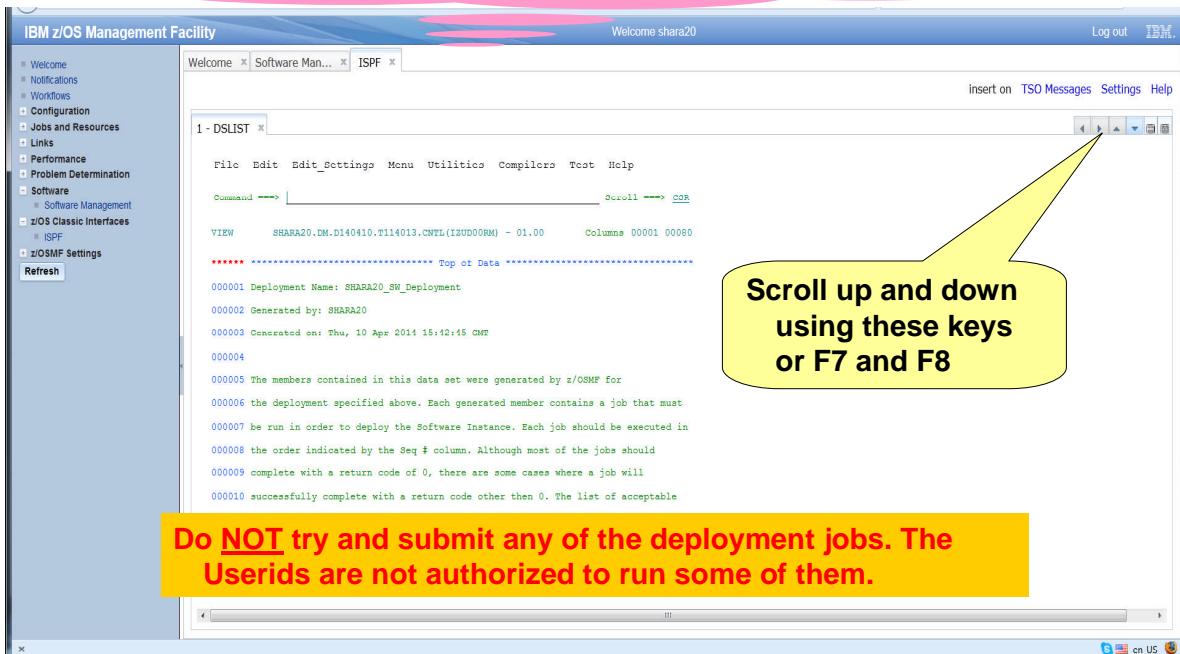
Do **NOT** try and submit any of the deployment jobs. The Userids are not authorized to run some of them.

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Step 6d.4: View the Deployment Readme file ...

The “read me” member describes the list of jobs



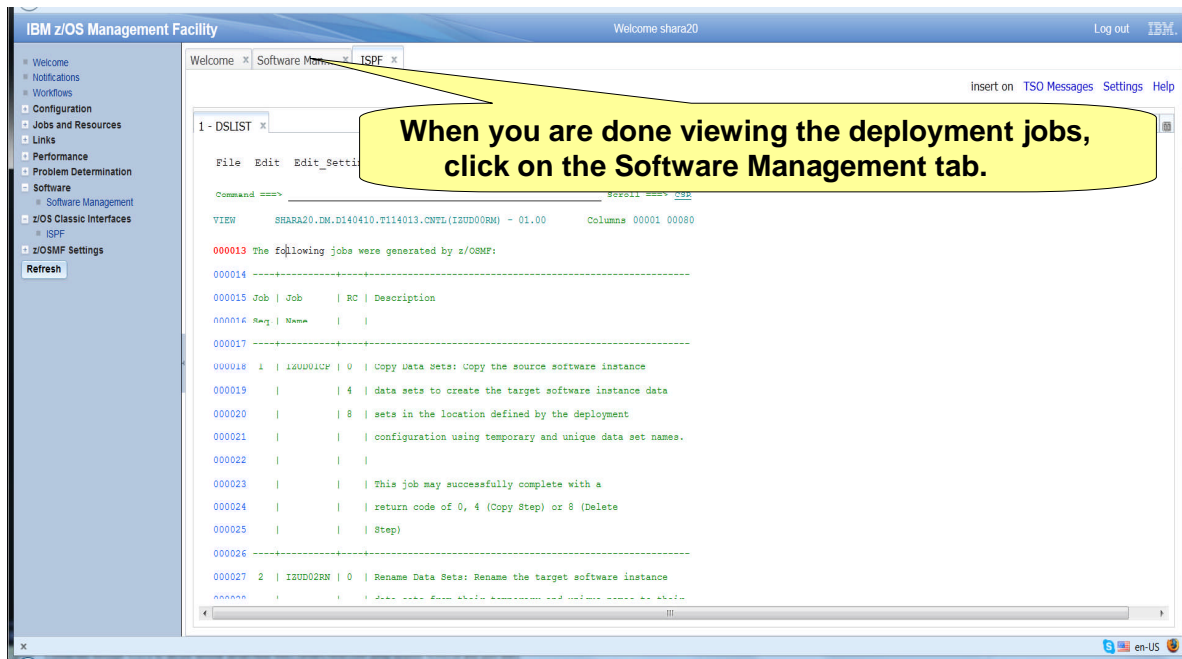
Scroll up and down using these keys or F7 and F8

Do **NOT** try and submit any of the deployment jobs. The Userids are not authorized to run some of them.

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Step 6d.4: View the Deployment Readme file ...



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Step 7: Complete the deployment

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Step 7: Specify Properties for the Target Software Instance

IBM z/OS Management Facility

Welcome shara20

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. • View missing SYSMOD reports.
✓	5. Configure this deployment.
✓	6. Define the job settings. z/OSMF creates the deployment summary and jobs. • View the deployment summary. • View the deployment jobs.
✚	7. Specify the properties for the target software instance.

Close

1. For the lab you will assume that the jobs were run successfully

2. Follow the checklist, Click on Specify the properties for the target software instance

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Step 7: Specify Properties for the Target Software Instance ...

IBM z/OS Management Facility

Welcome shara20

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. • View missing SYSMOD reports.
✓	5. Configure this deployment.
✓	6. Define the job settings. z/OSMF creates the deployment summary and jobs. • View the deployment summary. • View the deployment jobs.
✚	7. Specify the properties for the target software instance.

Close

Pop-up window to ask you if you have completed running the deployment jobs.

Warning

IZUD223W

Run the deployment jobs. When the jobs are complete, click OK. Otherwise, click Cancel.

OK Cancel

To complete the lab, click OK

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Step 7: Specify Properties for the Target Software Instance ...

By default the software instance name and description are copied from the source software instance. You can change them.

IBM z/OS Management Facility

Welcome shara20

Software Management > Deployments > Deployment Checklist > Specify Target Software Instance Properties

Specify Target Software Instance Properties

Target software instance name:

MASTER_SMPEV3.6_WITH_PTFS_1 IZUD342E: The name specified for the software instance is not valid. Enter a valid name.

Description: (maximum 256 characters, currently 122 characters)

Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product with PTFS.

Categories

Name	Description	Activity	Last Modified (Local)	Modified By	Locked (Local)	Locked
There is no data to display.						

Total: 0, Selected: 0

Refresh Last refresh: Apr 10, 2014 12:02:34 PM local time (Apr 10, 2014 4:02:34 PM GMT)

OK Cancel

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Step 7: Specify Properties for the Target Software Instance ...

IBM z/OS Management Facility

Welcome shara20

Software Management > Deployments > Deployment Checklist > Specify Target Software Instance Properties

Specify Target Software Instance Properties

Target software instance name:

SHARA20_SMPEV3R6_WITH_PTFS_1

Description: (maximum 256 characters, currently 122 characters)

Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product with PTFS.

Categories

Name	Description	Activity	Last Modified (Local)	Modified By	Locked (Local)	Locked
There is no data to display.						

Total: 0, Selected: 0

Refresh Last refresh: Apr 10, 2014 12:02:34 PM local time (Apr 10, 2014 4:02:34 PM GMT)

OK Cancel

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Edit the target software instance name:

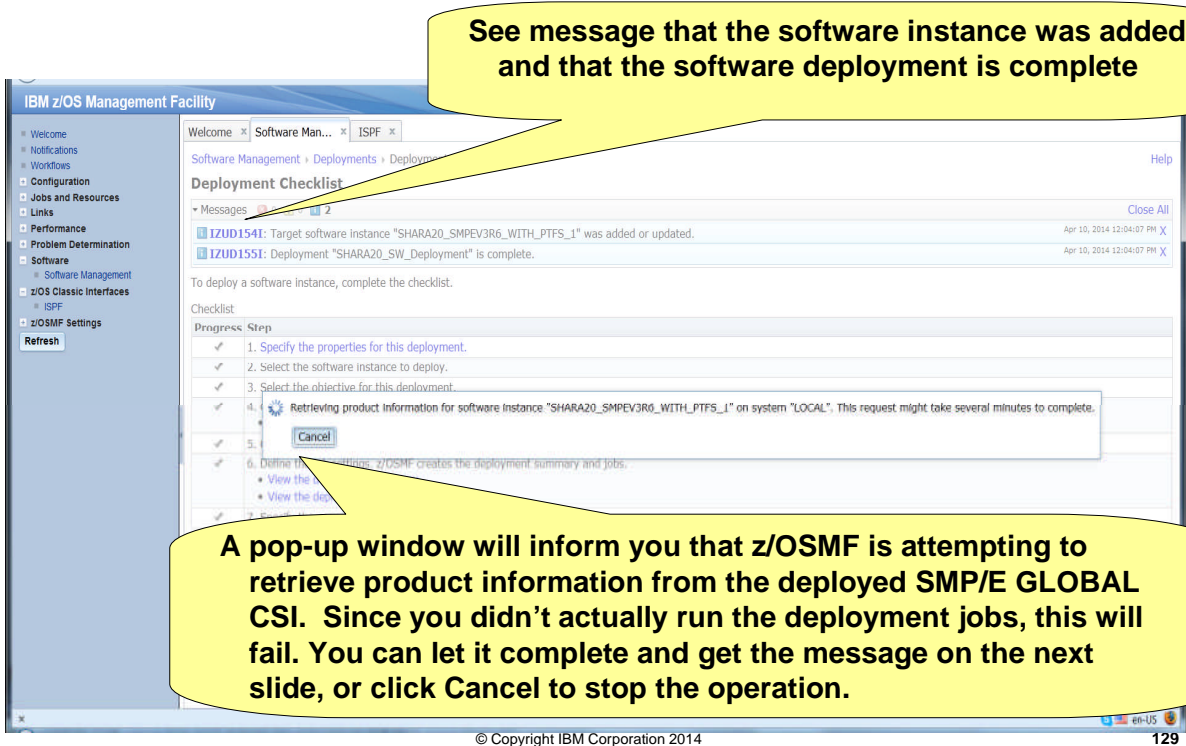
- Use your User ID (e.g., SHARAnn)
- Change "SMPEV3.6" to "SMPEV3R6"
- Use underscore (" _ ") instead of blanks
 - SHARA20_SMPEV3R6_WITH_PTFS_1
- Optionally, update the description

SHARA20_SMPEV3R6_WITH_PTFS_1 (your target software instance) was copied from the MASTER_SMPEV3.6_WITH_PTFS software instance. SHARA20 has completed the Software Deployment Lab successfully!!!

Once the changes have been made, click OK

Step 7: Specify Properties for the Target Software Instance ...

See message that the software instance was added and that the software deployment is complete



Deployment Checklist

Messages 2

- IZUD154I: Target software instance "SHARA20_SMPFV3R6_WITH_PTF5_1" was added or updated. Apr 10, 2014 12:04:07 PM X
- IZUD155I: Deployment "SHARA20_SW_Deployment" is complete. Apr 10, 2014 12:04:07 PM X

To deploy a software instance, complete the checklist.

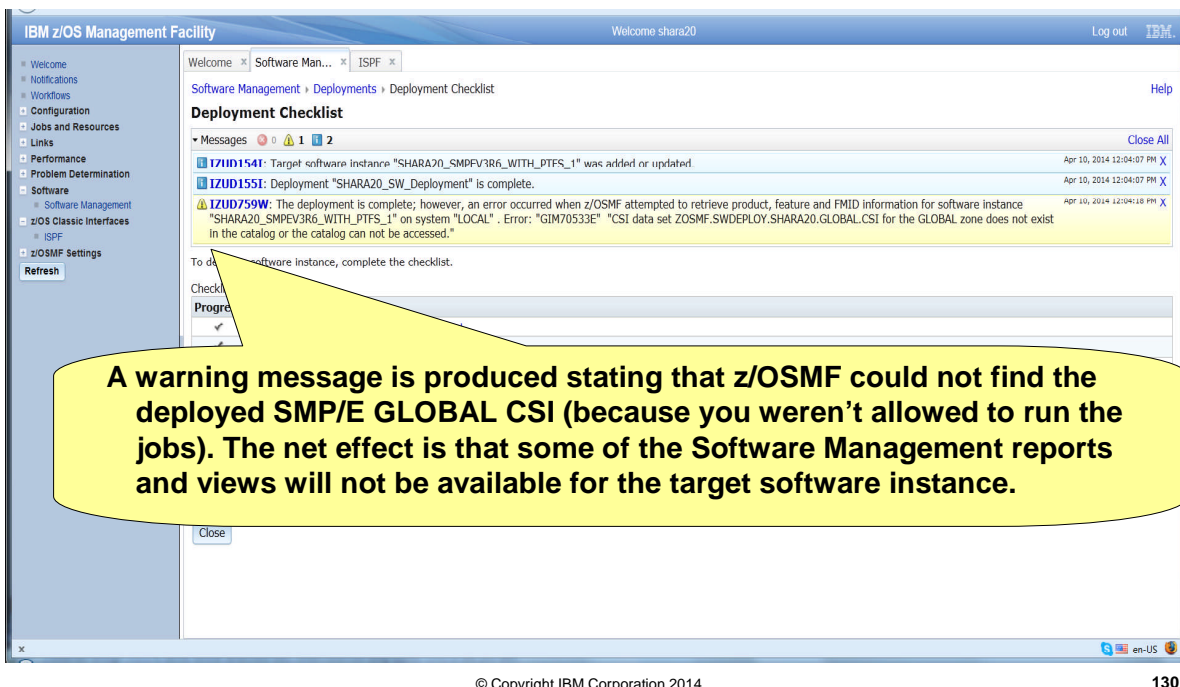
Checklist

Progress	Step
✓	1. Specify the properties for this deployment.
✓	2. Select the software instance to deploy.
✓	3. Select the objective for this deployment.
✓	4. Retrieving product information for software instance "SHARA20_SMPFV3R6_WITH_PTF5_1" on system "LOCAL". This request might take several minutes to complete.
✓	5. Define the deployment settings.
✓	6. Define the deployment jobs.
✓	7. Review the deployment summary.

A pop-up window will inform you that z/OSMF is attempting to retrieve product information from the deployed SMP/E GLOBAL CSI. Since you didn't actually run the deployment jobs, this will fail. You can let it complete and get the message on the next slide, or click Cancel to stop the operation.

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Step 7: Specify Properties for the Target Software Instance ...



Deployment Checklist

Messages 2

- IZUD154I: Target software instance "SHARA20_SMPFV3R6_WITH_PTF5_1" was added or updated. Apr 10, 2014 12:04:07 PM X
- IZUD155I: Deployment "SHARA20_SW_Deployment" is complete. Apr 10, 2014 12:04:07 PM X
- IZUD759W: The deployment is complete; however, an error occurred when z/OSMF attempted to retrieve product, feature and FMID information for software instance "SHARA20_SMPFV3R6_WITH_PTF5_1" on system "LOCAL". Error: "GIM70533E" "CSI data set ZOSMF.SWDEPLOY.SHARA20.GLOBAL.CSI for the GLOBAL zone does not exist in the catalog or the catalog can not be accessed." Apr 10, 2014 12:04:18 PM X

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. Retrieving product information for software instance "SHARA20_SMPFV3R6_WITH_PTF5_1" on system "LOCAL". This request might take several minutes to complete.
✓	5. Define the deployment settings.
✓	6. Define the deployment jobs.
✓	7. Review the deployment summary.

A warning message is produced stating that z/OSMF could not find the deployed SMP/E GLOBAL CSI (because you weren't allowed to run the jobs). The net effect is that some of the Software Management reports and views will not be available for the target software instance.

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Step 8: View the completed deployment

Step 8: View the Completed Deployment

The Deployment is complete, but you are not done yet with the Lab.
Let's view the Deployment after it is complete.

IBM z/OS Management Center

Welcome | Software Man... | ISPF

Software Management > Deployments

Deployments
To deploy a software instance, create a new deployment.

Actions

Name	Description	Categories	Source Software Instance	Source System	Target S
DEMO_Deployment_Se	This is a sample deployment that may be used for demos.		MASTER_SMPEV3.6_WITH_PTF	LOCAL	DEMO_S
SHARA20_SW_Deploy	Excellent lab exercise to demonstrate how to deploy SMP/E installed software using z/OSMFIII		MASTER_SMPEV3.6_WITH_PTF	LOCAL	SHARA2

Total: 2, Selected: 1

Refresh Last refresh: Apr 10, 2014 12:04:51 PM local time (Apr 10, 2014 4:04:51 PM GMT)

Close

Click on your deployment
■ Use a filter or scroll to find it

Step 8: View the Completed Deployment ...

The details of your software deployment are displayed in multiple tabs

IBM z/OS Management Facility

Welcome shara20

Log out IBM

Software Management > Deployments > View

View SHARA20_SW_Deployment

General | Deployment Configuration | Deployment Summary | Deployment Jobs

Deployment name:
SHARA20_SW_Deployment

Deployment description:
Excellent lab exercise to demonstrate how to deploy SMP/E installed software using z/OSMF!!!

Categories:
There is no data to display.

Activity:
Completed

Source Software Instance

Name	System	Description	Categories	Global Zone CSI	Target Zones
MASTER_SMPV3.6_WITH_PTFS	LOCAL	Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product with PTFS.	There is no data to display.	ZOSMF.SWDEPLOY.GLOBAL.CSI	TSMP36P

Target Software Instance

Name	System	Description	Categories	Global Zone CSI	Target Zones
SHARA20_SMPV3R6_WITH_PTFS_1	LOCAL	Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product with PTFS.	There is no data to display.	ZOSMF.SWDEPLOY.SHARA20.GLOBAL.CSI	TSMP36N

Close

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Thank You



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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>