



z/OSMF Hands-on Labs: Choose Your Own z/OSMF Software Deployment Lab

Estimated Lab Time: 35-40 minutes

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Session 16655



SHARE is an independent volunteer-run information technology association
that provides education, professional networking and industry influence.



Agenda

- **Background**
- **Logon to z/OSMF and invoke Software Management**
- **Lab Exercises – Use z/OSMF to Deploy installed software**
 - 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 your deployment**
 - Want DLIBs?
 - Model after source or another software instance?
 - SMP/E Zones
 - Data sets
 - Catalogs
 - Volumes and Storage Classes
 - Mountpoints
 - 6. Create the deployment summary and jobs**
 - View the deployment summary
 - 7. Submit deployment jobs.**
 - 8. Specify the properties for the target software instance**
 - 9. View the completed deployment**

Background

Lab 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
- **Do NOT use the Browser BACK button to go to the prior screen!!!**
 - Use z/OSMF “breadcrumbs” instead
- Also note that if you change the browser display size (Ctrl/+, or Ctrl/-) then what you see may not exactly match the handout.

Software Management (Deployment)

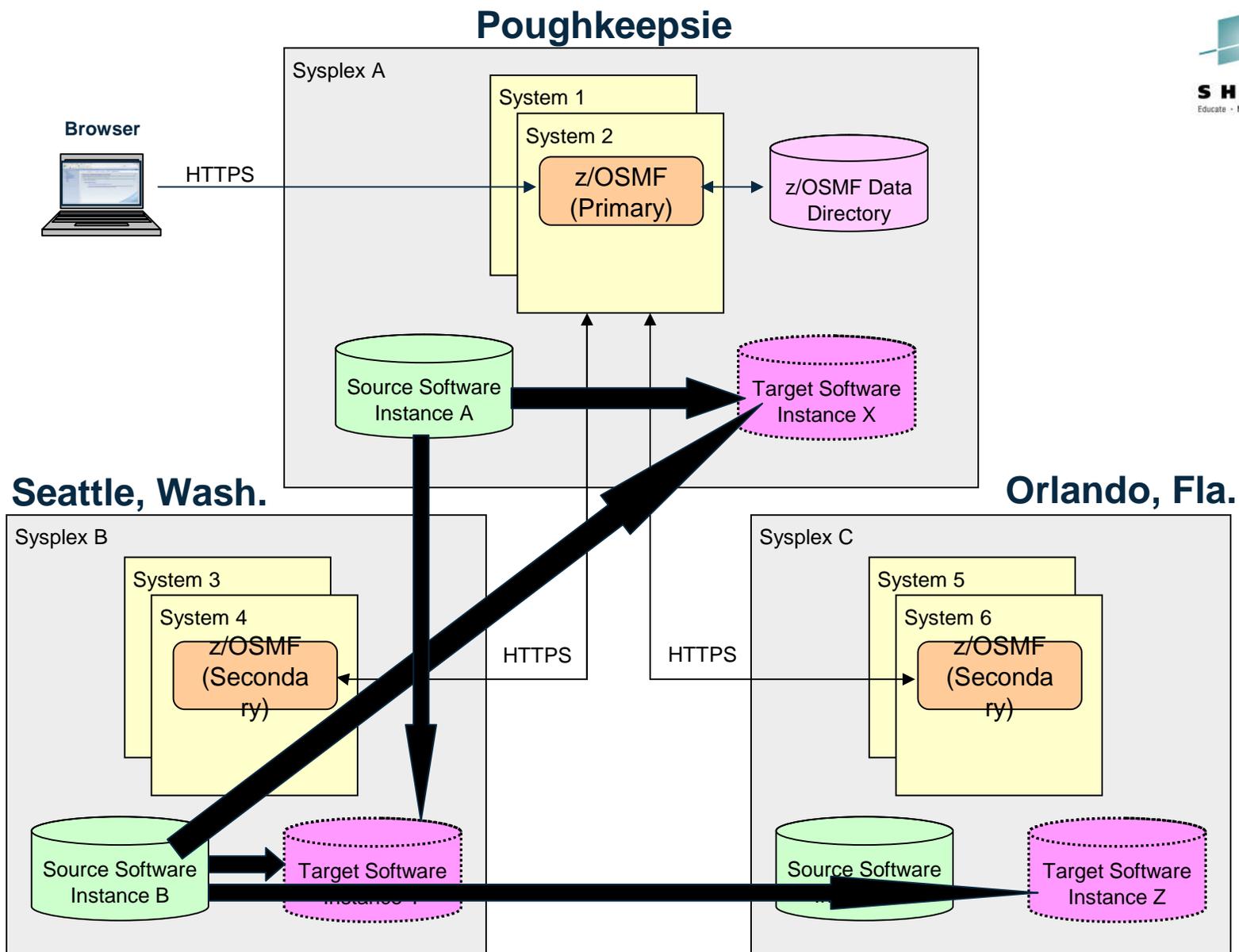


- Software Deployment is a z/OS Management Facility (z/OSMF) plug-in application
 - Web-based application.
 - User interaction is via a browser on a workstation.
 - z/OSMF and Software Management (previously called Software Deployment) will be active on one system in a sysplex, allowing access to shared DASD.
 - Locally, either on a single system or system-to-system within a sysplex.
 - Remotely, system-to-system across a network and multiple sysplexes.
- This function was integrated and enhanced in z/OSMF V2.1
 - Enhancements were introduced in March 2014 (PTF UI16044) and again in September 2014 (PTF UI91005)
 - **This lab will use a z/OSMF V2.1 system with z/OSMF PTF UI91005 and its requisites installed!**

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Software instances can be viewed or deployed throughout your enterprise

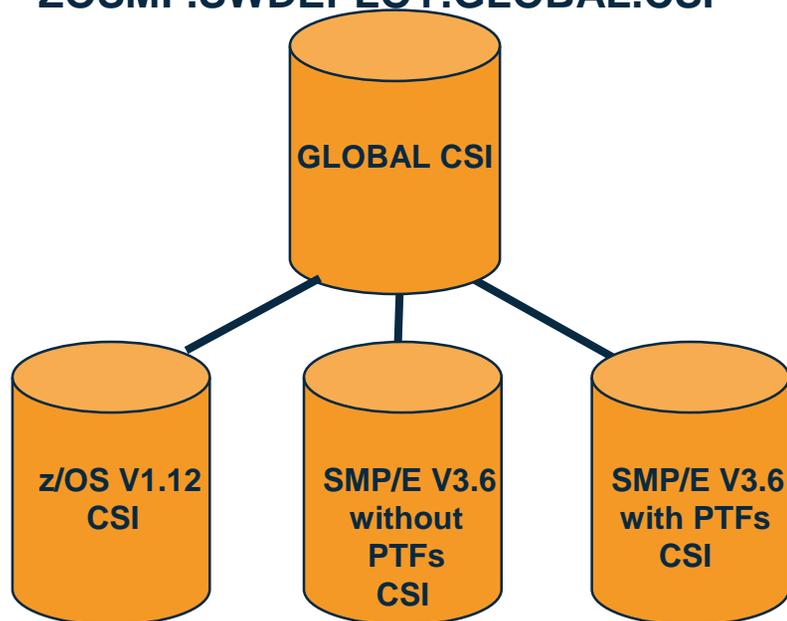
Complete your session evaluations online at www.SHARE.org/Seattle-Eval

Lab SMP/E Environment

Four (4) “Master” Software Instances

1. MASTER_ZOSV1.12
2. MASTER_SMPEV3.6_WITHOUT_PTFS
3. MASTER_SMPEV3.6_WITH_PTFS
4. MASTER_zOS_R13_w/Other_Products

ZOSMF.SWDEPLOY.GLOBAL.CSI



TGTZ12/DLBZ12

TSMP36/DSMP36

TSMP36P/DSMP36P

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SMLAB01.GLOBAL.CSI



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

Logon to z/OSMF and invoke Software Management

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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
 - SHARxnn (where x is either A, B, or C; and nn is 01 - 30)
 - Password: to be provided
- **Each User ID has been authorized to all the z/OSMF applications (Plug-ins)**

Complete your session evaluations online at www.SHARE.org/Seattle-Eval

Log in to z/OSMF ...



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

User ID
Password or pass phrase
Log in

Welcome

Links
Refresh

About

Welcome to IBM z/OS Management Facility

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

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

Invoke Software Management



Expand Software

IBM z/OS Management Facility

Welcome shara20

Log out IBM

- Welcome
- Notifications
- Workflows
- Configuration
- Jobs and Resources
- Links
- Performance
- Problem Determination
- Software
- z/OS Classic Interfaces
- z/OSMF Settings

Refresh

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

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

Learn More:

- [What's New](#)
- [z/OSMF tasks at a glance](#)
- [Getting started with z/OSMF](#)

[Check browser and operating system](#)

About

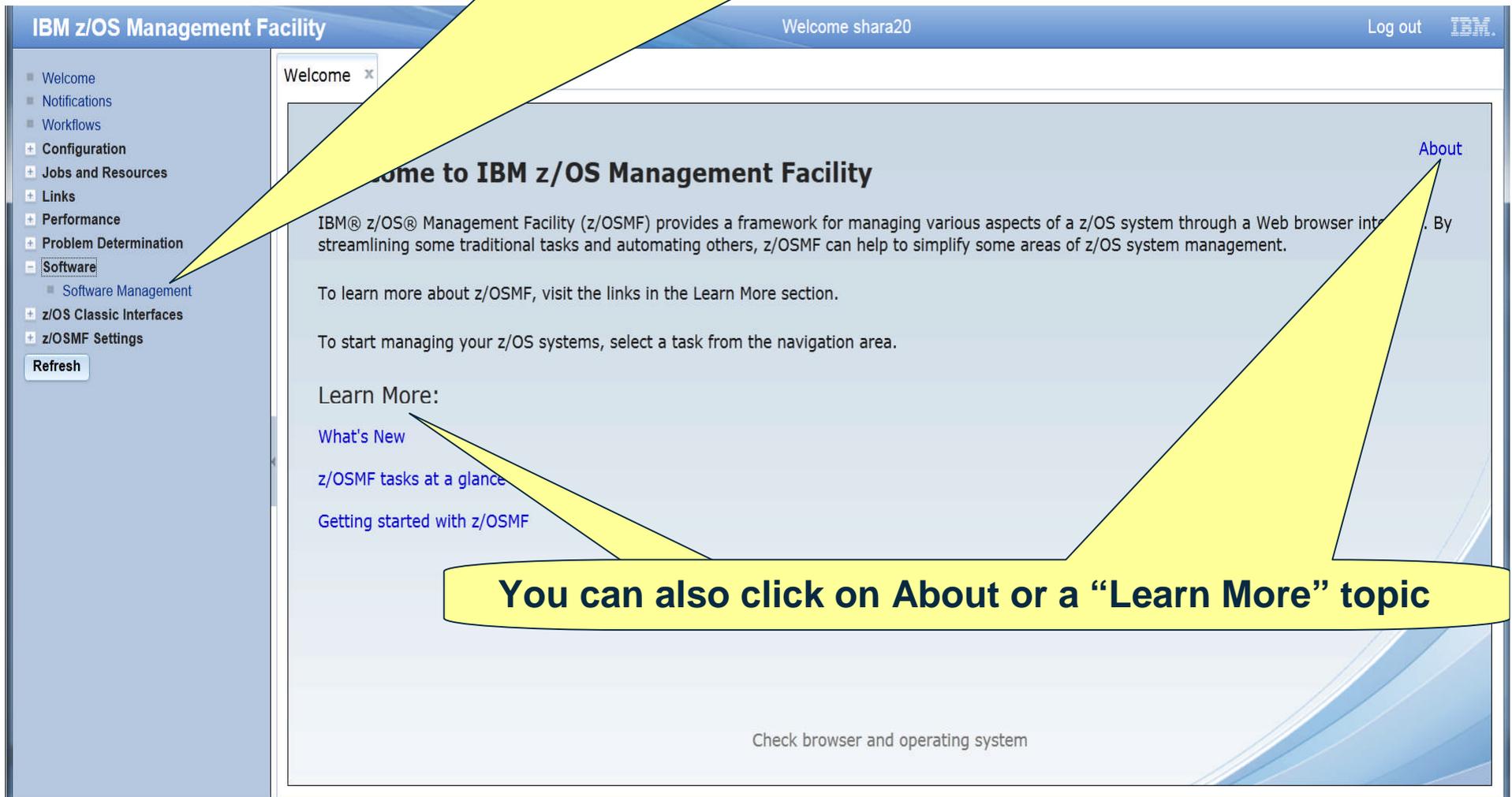
Complete your session evaluations online at www.SHARE.org/Seattle-Eval

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Invoke Software Management ...

Click on Software Management



IBM z/OS Management Facility

Welcome shara20

Log out IBM.

- Welcome
- Notifications
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Learn More:

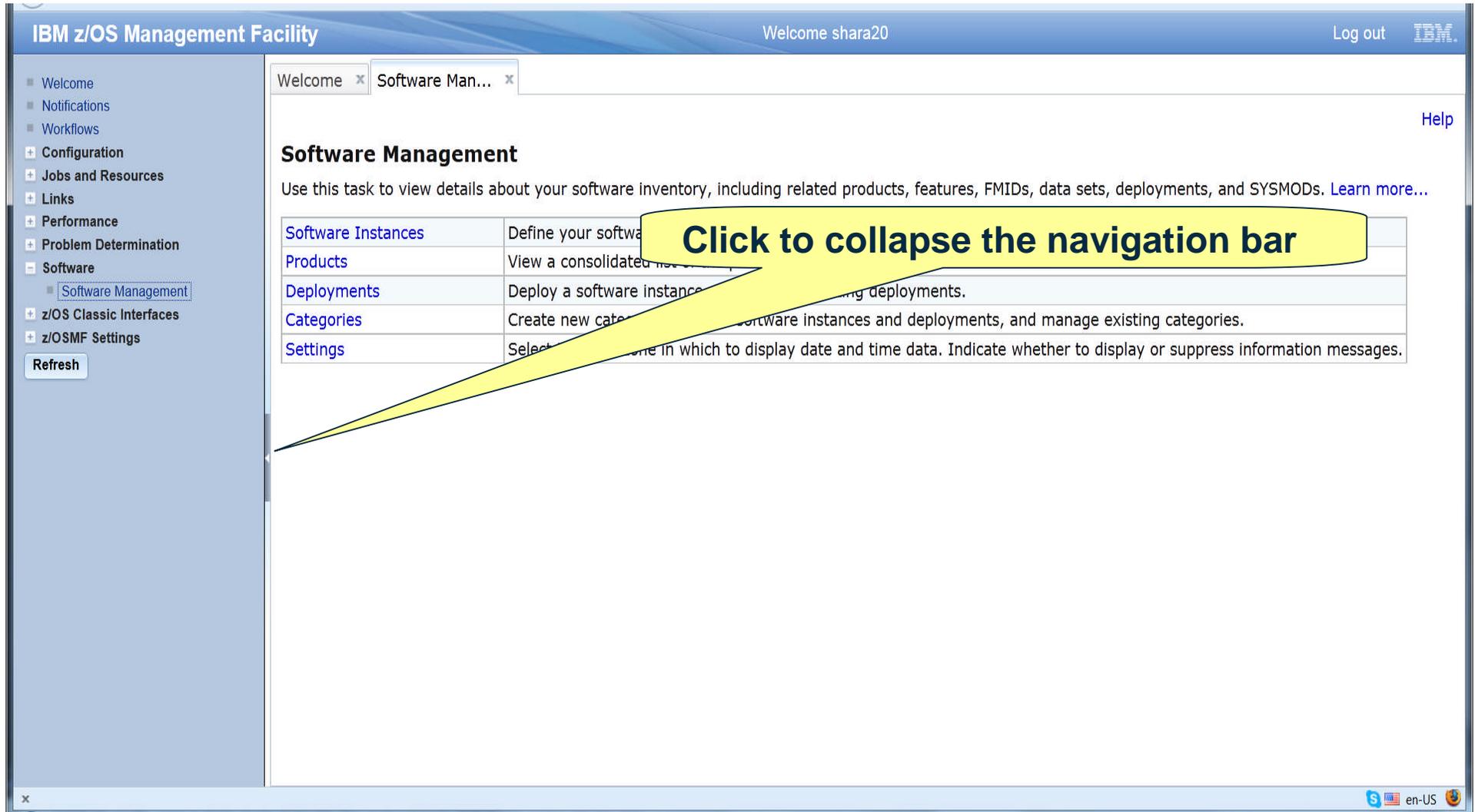
- [What's New](#)
- [z/OSMF tasks at a glance](#)
- [Getting started with z/OSMF](#)

[About](#)

Check browser and operating system

You can also click on About or a “Learn More” topic

Collapse the Navigation Bar



IBM z/OS Management Facility

Welcome shara20

Log out IBM

Welcome x Software Man... x

Help

Software Management

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

| | |
|------------------------------------|--|
| Software Instances | Define your software |
| Products | View a consolidated |
| Deployments | Deploy a software instance |
| Categories | Create new categories for software instances and deployments, and manage existing categories. |
| Settings | Select the theme in which to display date and time data. Indicate whether to display or suppress information messages. |

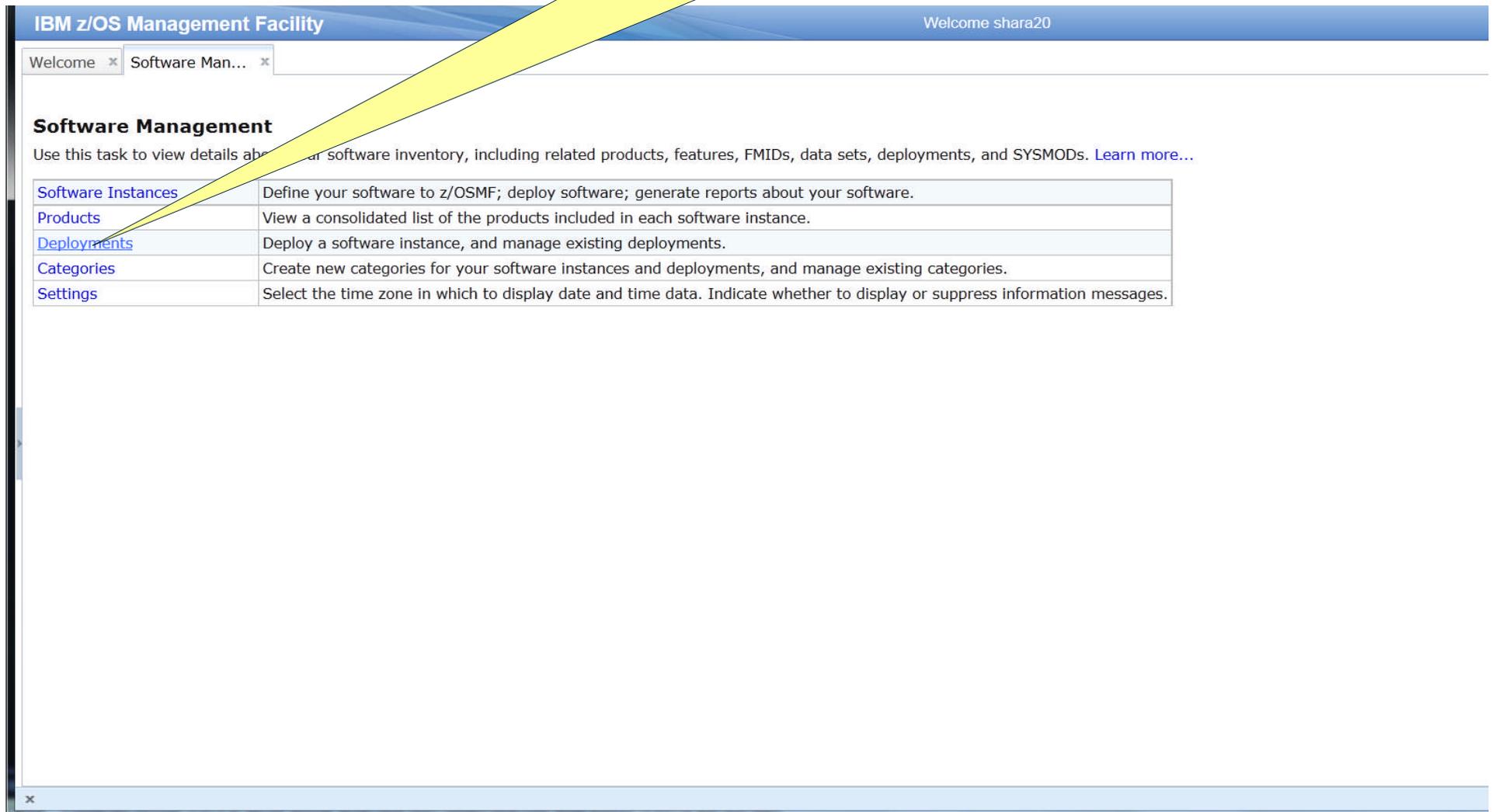
Refresh

Click to collapse the navigation bar

Step 1: Specify the Properties for this Deployment

Step 1a: Invoke Software Deployment

Click on Deployments



The screenshot shows the IBM z/OS Management Facility interface. At the top, there is a blue header with 'IBM z/OS Management Facility' on the left and 'Welcome shara20' on the right. Below the header, there are two browser tabs: 'Welcome' and 'Software Man...'. The main content area is titled 'Software Management' and includes a brief description: 'Use this task to view details about your software inventory, including related products, features, FMIDs, data sets, deployments, and SYSMODs. [Learn more...](#)'. Below this is a table with five rows, each representing a different software management task. A yellow callout box with the text 'Click on Deployments' points to the 'Deployments' row in the table.

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

Step 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.

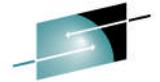
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Actions | Activity Filter | Categories Filter | Source Software Instance Filter | Source System Filter | Target Software Instance Filter | Target System Filter |
|-------------------------------------|--------------------------|--|-----------------|-------------------|---------------------------------|----------------------|---------------------------------|----------------------|
| <input type="checkbox"/> | DE | <ul style="list-style-type: none">ModifyViewCopy...CancelRemove...New...Select AllDeselect AllConfigure Columns...Modify Filters...Hide Filter RowClear FiltersModify Sort...Clear Sorts | Completed | | MASTER_SMPEV3.6_WITH_PTF | LOCAL | DEMO_SMPEV3.6_WITH_PTF | LOCAL |

Total: 1, Selected: 0

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

Click on Actions, and then New

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.

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. |
| | 7. Submit deployment jobs. |
| | 8. Specify the properties for the target software instance. |

Click on Specify the properties for this deployment

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

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Step 1c: Specify Deployment Properties



IBM z/OS Management Facility Welcome sharc30

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:

Description: (maximum 256 characters, currently 93 characters)

Categories
 Actions

| Name Filter | Description Filter | Activity Filter | Filter | By Filter | Filter | Locked By Filter |
|------------------------------|-----------------------|--------------------|--------|--------------|--------|---------------------|
| There is no data to display. | | | | | | |

Total: 0, Selected: 0

Last refresh: Feb 6, 2015, 3:28 PM local time

Enter the name for your Deployment

- Use your User ID
- Use underscore (“_”) instead of blanks
- For example, SHARxnn_SW_Deployment

**Optionally enter a description
(like the one shown here)**

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 sharc30

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. |
| | 7. Submit deployment jobs. |
| | 8. Specify the properties for the target software instance. |

Close

Click on Select the software instance to deploy

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.

IBM Z/OS Manag

Welcome x Software Man... x

Software Management ▶ Deployments ▶ Deployment Checklist ▶ Software Instances

Software Instances

Select the MASTER_SMPE V3.6_WITH_PTFs software instance

| Name Filter | Messages Filter | Description Filter | Activity | Global Zone CSI Filter | Target |
|--|-----------------|--|----------|---------------------------|--------|
| <input checked="" type="radio"/> MASTER_SMPEV3.6_WITH_PTFs | LOCAL | Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product with PTFs. | | ZOSMF.SWDEPLOY.GLOBAL.CSI | TSMF |
| <input type="radio"/> 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 |
| <input type="radio"/> 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 |
| <input type="radio"/> ... | ... | Completed demo software | | ZOSMF.SWDEPLOY.GLOBAL.CSI | TSMF |

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).

Follow the checklist, click on “Select the objective for this deployment”

IBM z/OS Management Facility Welcome sharc30

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. |
| | 7. Submit deployment jobs. |
| | 8. Specify the properties for the target software instance. |

Close

Step 3: Select the Objective for this Deployment



IBM z/OS Management Facility Welcome sharc30

Welcome x Software Man... x

Select "A New global zone CSI" (the default)

Software Management > Deployments > Deployment Checklist > Select Deployment

Select Deployment Objective

This deployment will create a copy of the source software instance. The resulting copy is referred to as the target software instance. Indicate whether you want the target instance to be

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:

Select or type

LOCAL

Select "LOCAL" for the Target System

Then click OK

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.

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

IBM z/OS Management Facility Welcome sharc30

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. |
| | 7. Submit deployment jobs. |
| | 8. Specify the properties for the target software instance. |

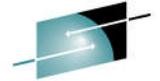
Close

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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.

Software Management > Deploy > Check for Missing SYSMODs

Check for Missing SYSMODs

Welcome

Select Reports
Get HOLDDATA
Summary

Welcome

Use this wizard to generate reports that help you identify if you are missing any SYSMODs in your source software instance or any related instances.

This wizard guides you through the following steps:

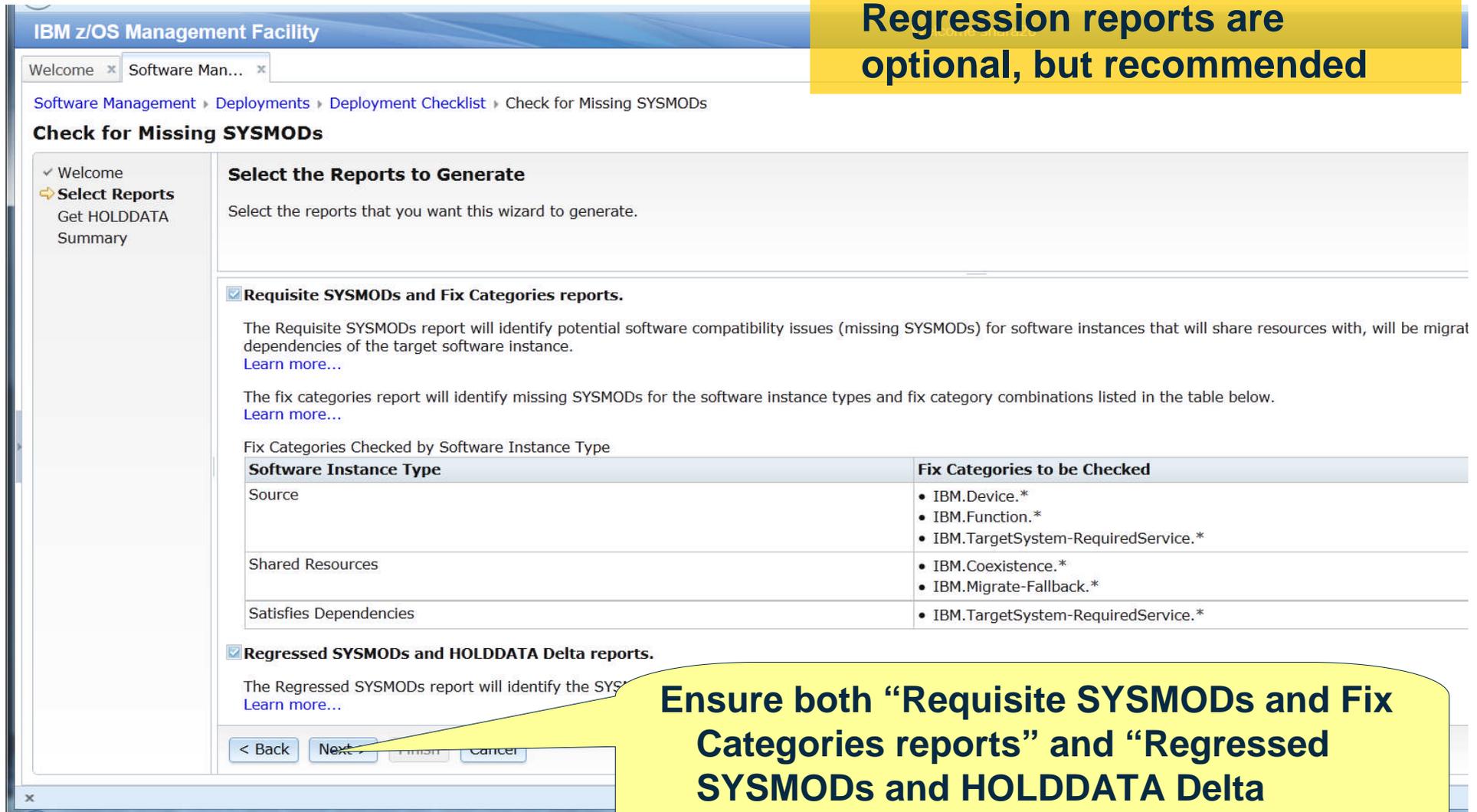
- Select the reports to generate, and select the software instances to include.
- Confirm that you received the latest HOLDDATA.
- Review your selections, and generate the reports.

< Back Next > Finish Cancel

After reading, click Next

Step 4b: Select Reports to Generate

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



Select the Reports to Generate

Select the reports that you want this wizard to generate.

Requisite SYSMODs and Fix Categories reports.

The Requisite SYSMODs report will identify potential software compatibility issues (missing SYSMODs) for software instances that will share resources with, will be migrated, or have dependencies of the target software instance.
[Learn more...](#)

The fix categories report will identify missing SYSMODs for the software instance types and fix category combinations listed in the table below.
[Learn more...](#)

Fix Categories Checked by Software Instance Type

| Software Instance Type | Fix Categories to be Checked |
|------------------------|--|
| Source | <ul style="list-style-type: none">• IBM.Device.*• IBM.Function.*• IBM.TargetSystem-RequiredService.* |
| Shared Resources | <ul style="list-style-type: none">• IBM.Coexistence.*• IBM.Migrate-Fallback.* |
| Satisfies Dependencies | <ul style="list-style-type: none">• IBM.TargetSystem-RequiredService.* |

Regressed SYSMODs and HOLDDATA Delta reports.

The Regressed SYSMODs report will identify the SYSMODs that are not in the current software instance.
[Learn more...](#)

Ensure both “Requisite SYSMODs and Fix Categories reports” and “Regressed SYSMODs and HOLDDATA Delta reports” are selected, then click Next

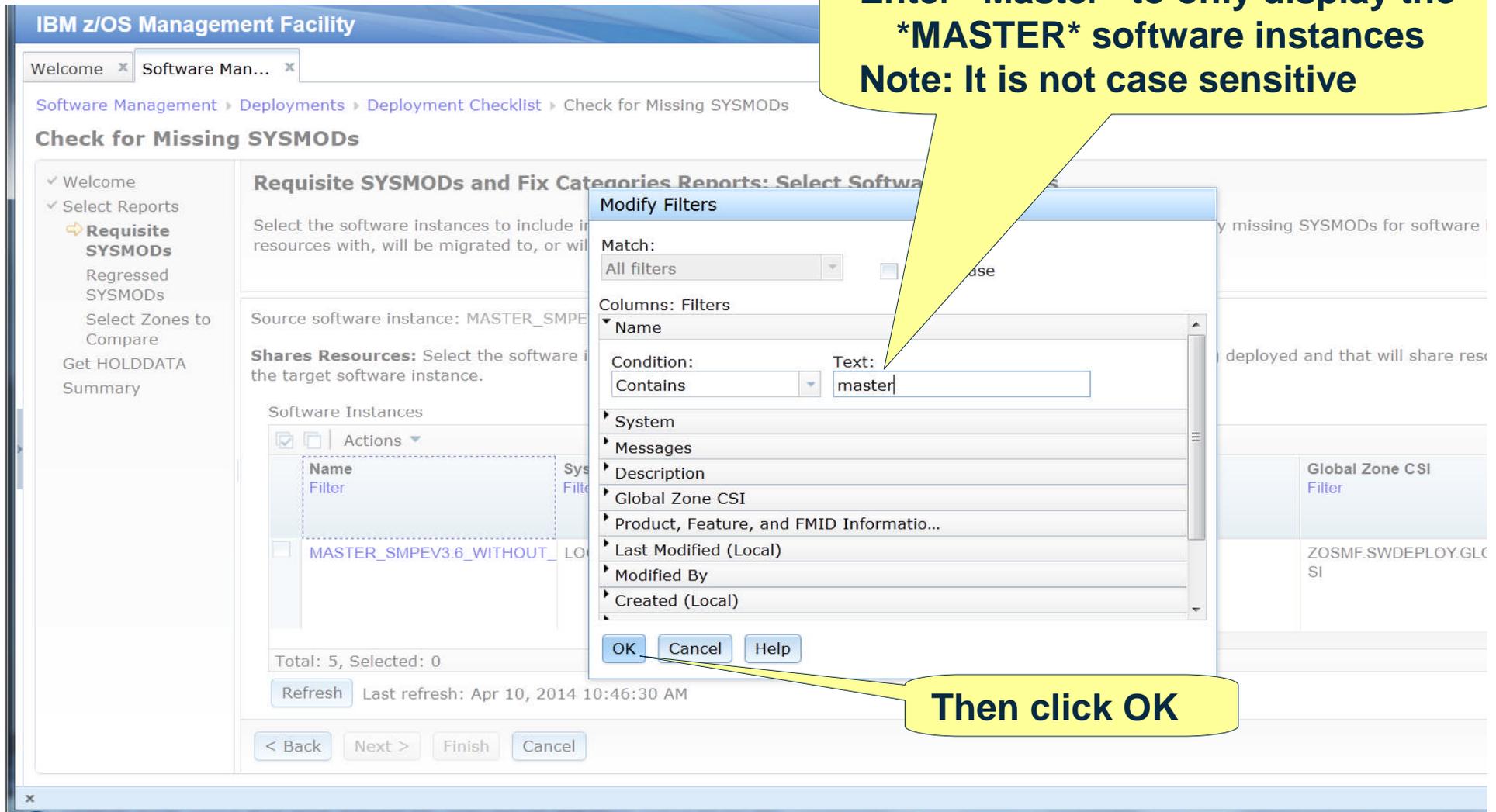
Step 4b: Select Reports to Generate ...

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

The screenshot shows the 'Check for Missing SYSMODs' application window. On the left is a navigation pane with options like 'Welcome', 'Select Reports', and 'Requisite SYSMODs'. The main area displays a table of software instances. A yellow arrow points to the 'Filter' link under the 'Name' column header. A 'Modify Filters' dialog box is open, showing a 'Match' dropdown set to 'All filters' and a 'Match case' checkbox. Under 'Columns: Filters', the 'Name' filter is expanded, showing a 'Condition' dropdown set to 'Contains' and a 'Text' input field. Other filter categories include System, Messages, Description, Global Zone CSI, Product, Feature, and FMID Information, Last Modified (Local), Modified By, and Created (Local). The dialog has 'OK', 'Cancel', and 'Help' buttons. The background table shows a table with columns for Name, System, and Sys Filter, with one row visible: 'MASTER_SMPEV3.6_WITHOUT_'. At the bottom of the table, it says 'Total: 5, Selected: 0' and 'Refresh' with 'Last refresh: Apr 10, 2014 10:46:30 AM'. Navigation buttons '< Back', 'Next >', 'Finish', and 'Cancel' are at the bottom.

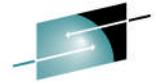
Step 4b.1: Requisite SYSMODs



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

Then click OK

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

The screenshot shows the 'Check for Missing SYSMODs' page in the IBM z/OS Management Facility. The 'Requisite SYSMODs and Fix Categories Report' section is active. The 'Source software instance' is 'MASTER_SMPEV3.6_WITH_PTFS on system LOCAL'. The 'Shares Resources' section is also active. A table of software instances is displayed with the following columns: Name, System, Description, Activity, Global Zone CSI, Target Zones, Categories, Product, Feature, and FMID Information Retrieved (Local), and Last Filter. The table contains four rows, with the first two rows selected (checked in the 'Name' column).

| Name | System | Description | Activity | Global Zone CSI | Target Zones | Categories | Product, Feature, and FMID Information Retrieved (Local) | Last Filter |
|--|--------|--|----------|---------------------------|----------------------------------|------------|--|-------------|
| Contains "master" | Filter | Filter | | Filter | | | Filter | |
| <input checked="" type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFS | LOCAL | Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product without any PTFS. | | ZOSMF.SWDEPLOY.GLOBAL.CSI | TSPM36 | | Aug 10, 2013 7:28:52 PM | Jun 2 |
| <input checked="" type="checkbox"/> MASTER_ZOSV1.12 | LOCAL | Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains z/OS V1R12 at RSU1105. | | ZOSMF.SWDEPLOY.GLOBAL.CSI | TGTZ12 | | Aug 12, 2013 10:48:38 AM | Jun 2 |
| <input type="checkbox"/> MASTER_ZOS_R13_wOther_Pro | LOCAL | z/OS V1.13 with over 20 other products to be used during the z/OSMF Software Management Lab | | SMLAB01.GLOBAL.CSI | COB320T, DT910T, PLI410T, Z1130T | | PM | Jan 9 |

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

Step 4b.1: Requisite SYSMODs ...



IBM z/OS Management Facility | Welcome shara20 | Log out

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

Check for Missing SYSMODs

Requisite SYSMODs and Fix Categories Reports: Select Software Instances

Select the software instances to include in the Requisite SYSMODs and Fix Categories reports. These reports will identify missing SYSMODs for software instances that will share resources with, will be migrated to, or will satisfy the dependencies of the target software instance.

Source software instance: MASTER_SMPEV3.6_WITH_PTFs on system

Satisfies Dependencies: Select the software instances that contain the target software instance.

Software Instances

| Name Filter | System Filter | PTF Filter | Description Filter | Activity | Global Zone CSI Filter | Target Zones | Categories | Product, Feature, and FMID Information Retrieved (Local) Filter | Last Filter |
|---|----------------------------------|-------------------------------|--|----------|---|----------------|------------|--|--------------------------------|
| <input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFs | LOCAL | | Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product without any PTFs. | | ZOSMF.SWDEPLOY.GLOBAL.CSI | TSMP36 | | Aug 10, 2013 7:28:52 PM | Ju |
| <input type="checkbox"/> MASTER_ZOSV1.12 | LOCAL | | Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains z/OS V1R12 at RSU1105. | | ZOSMF.SWDEPLOY.GLOBAL.CSI | TGTZ12 | | Aug 12, 2013 3:56:18 PM | Ju |
| <input type="checkbox"/> DEMO_SMPEV3.6_WITH_PTFs | LOCAL | IZUD809I | Completed demo software instance, of SMP/E V3.6 with PTFs. | | ZOSMF.SWDEPLOY.GLOBAL.CSI | TSMP36N | | | Ju |
| <input type="checkbox"/> SHARA20_Dummy_SWI | LOCAL | | This is a dummy software | | SHARA20.SMPELAB.GLOBAL.CSI | DB2V8T, IRLMT, | | Apr 3, 2014 11:45:58 AM | Ap |

Total: 5, Selected: 0

[Refresh](#) Last refresh: Apr 10, 2014 10:46:30 AM

[< Back](#) [Next >](#) [Finish](#) [Cancel](#)

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

Step 4b.1: Requisite SYSMODs ...

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

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

Requisite SYSMODs and Fix Categories Reports: Select Software Instances

Select the software instances to include in the Requisite SYSMODs and Fix Categories reports. These reports will show the SYSMODs for software instances that will share resources with, or have dependencies of the target software instance.

Source software instance: MASTER_SMPEV3.6_WITH_PTFS on system

Satisfies Dependencies: Select the software instances that contain dependencies of the target software instance.

Software Instances

| Name | System | Message | Target Zones | Categories |
|---|--------|--------------------------|--------------------------|----------------|
| <input type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFS | LOCAL | | OY.GLOBAL.C | TSMP36 |
| <input type="checkbox"/> MASTER_ZOSV1.12 | LOCAL | | OY.GLOBAL.C | TGTZ12 |
| <input type="checkbox"/> DEMO_SMPEV3.6_WITH_PTFS | LOCAL | IZUD8 | OY.GLOBAL.C | TSMP36N |
| <input type="checkbox"/> SHARA20_Dummy_SWI | LOCAL | This is a dummy software | SHARA20.SMPELAB.GLOBAL.C | DB2V8T, IRLMT, |

Total: 5, Selected: 0

Refresh Last refresh: Apr 10, 2014 10:46:30 AM

< Back Next > Finish Cancel

Modify Filters

Match: All filters Match

Columns: Filters

Name

Condition: Contains Text: MASTER

System

Messages

Description

Global Zone CSI

Product, Feature, and FMID Informati...

Last Modified (Local)

Modified By

Created (Local)

Created By

OK Cancel Help

Then click OK

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_PTFS
- MASTER_ZOSV1.12

IBM z/OS Management Console

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

Check for Missing SYSMODs

Requisite SYSMODs and Fix Categories Report

Select the software instances to include in the Requisite SYSMODs Report based on the dependencies of the target software instance.

Source software instance: MASTER_SMPEV3.6_WITH_PTFS

Satisfies Dependencies: Select the software instances that contain the software instance that the target software instance has dependencies.

| Name | System | Message | Activity | Global Zone CSI | Target Zones | Categories |
|--|--------|---------|--|---------------------------|----------------------------------|------------|
| Contains "MASTER" | Filter | Filter | | Filter | | |
| <input checked="" type="checkbox"/> MASTER_SMPEV3.6_WITHOUT_PTFS | LOCAL | | Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product without any PTFs. | ZOSMF.SWDEPLOY.GLOBAL.CSI | TSMP36 | |
| <input checked="" type="checkbox"/> MASTER_ZOSV1.12 | LOCAL | | Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains z/OS V1R12 at RSU1105. | ZOSMF.SWDEPLOY.GLOBAL.CSI | TGTZ12 | |
| <input type="checkbox"/> MASTER_zOS_R13_wOther_Pro | LOCAL | | z/OS V1.13 with over 20 other products to be used during the z/OSMF Software Management Lab | SMLAB01.GLOBAL.CSI | COB320T, DT910T, PLI410T, Z1130T | |

Total: 3, Filtered: 3, Selected: 2

Refresh Last refresh: Apr 10, 2014 10:50:35 AM

< Back Next > Finish Cancel

Then click Next

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

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Deployments > Deployment Check

Check for Missing SYSMODs

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

Regressed SYSMODs and HOLDDATA Delta Reports

Select the software instance to include in the Regressed SYSMODs and HOLDDATA Delta reports. These reports will identify SYSMODs that will be lost, undone, or regressed when you migrate to the target software instance.

Source software instance: MASTER_SMPEV3.6_WITHOUT_PTFS System LOCAL

Select the software instance that will be used as the target software instance. The software instance you select is referred to as the prior-level software instance.

Software Instances

Actions | Match: All filters

| Name | System | Messages | Description | Activity | Global Zone CSI | Target Zones | Categories |
|---|--------|----------|--|----------|---------------------------|----------------------------------|------------|
| Contains "MASTER" | Filter | Filter | Filter | | Filter | | |
| <input checked="" type="radio"/> MASTER_SMPEV3.6_WITHOUT_PTFS | LOCAL | | Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product without any PTFS. | | ZOSMF.SWDEPLOY.GLOBAL.CSI | TSMP36 | |
| <input type="radio"/> MASTER_ZOSV1.12 | LOCAL | | Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains z/OS V1R12 at RSU1105. | | ZOSMF.SWDEPLOY.GLOBAL.CSI | TGTZ12 | |
| <input type="radio"/> MASTER_zOS_R13_wOther_Pro | LOCAL | | z/OS V1.13 with over 20 other products to be used during the z/OSMF Software Management Lab | | SMLAB01.GLOBAL.CSI | COB320T, 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



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

IBM z/OS Management Facility
Welcome shirazu

Welcome x Software Man... x

Software Management > Deployments > Deployment Checklist > C

Check for Missing SYSMODs

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

Select the Zones to Compare

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

Source software instance: MASTER_SMP/E on system LOCAL
Prior-level software instance: MASTER_SMP/E on system LOCAL

Target Zones to be Compared

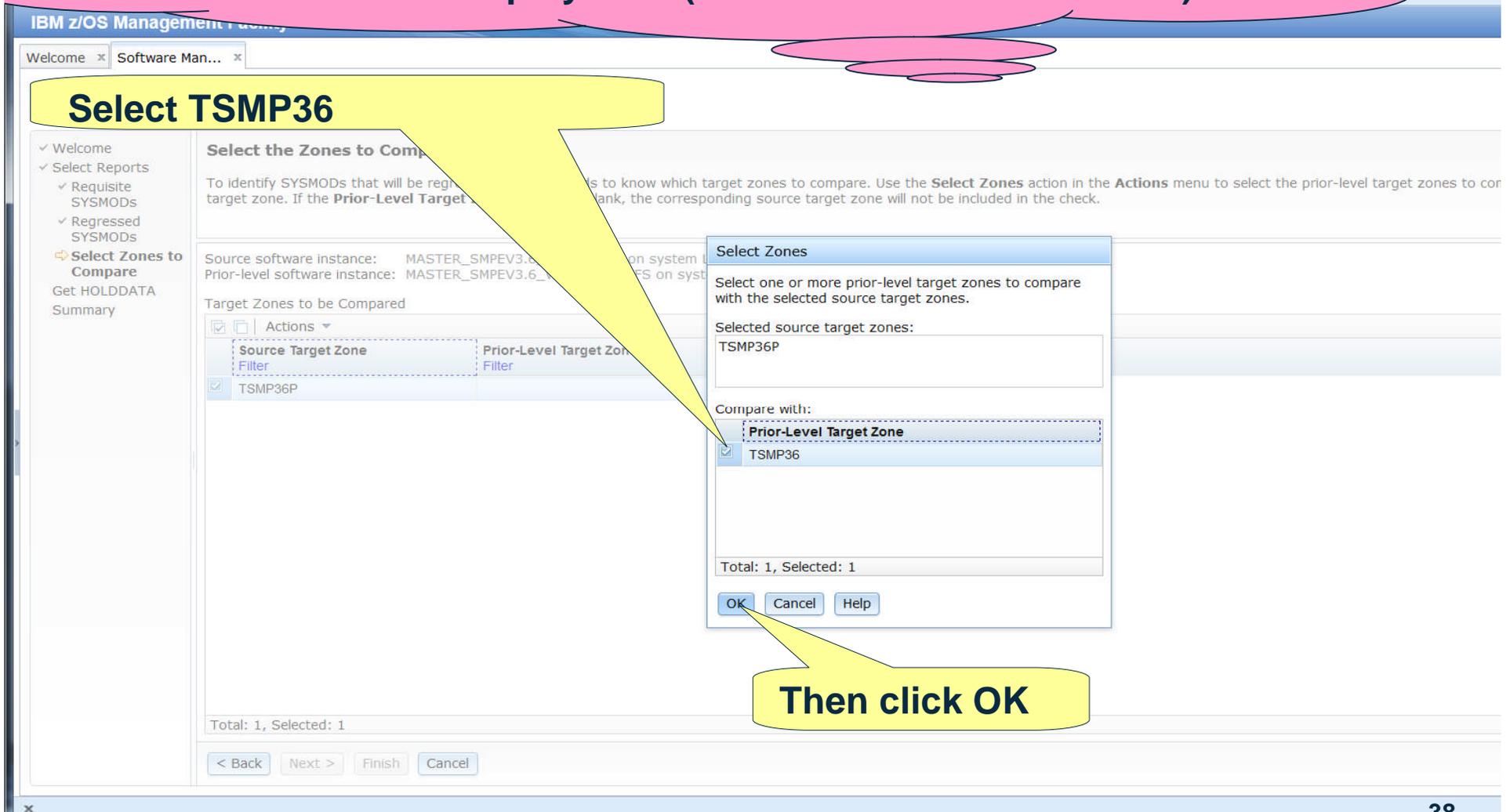
| Source software instance | Prior-Level Target Zones |
|--------------------------|--------------------------|
| TSMP36P | Filter |

Total: 1, Selected: 1

< Back Next > Finish Cancel

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, you must 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 zone. If the **Prior-Level Target Zone** is blank, the corresponding source target zone will not be included in the check.

Source software instance: MASTER_SMPEV3.6
Prior-level software instance: MASTER_SMPEV3.6

Target Zones to be Compared

| Source Target Zone | Prior-Level Target Zone |
|---|-------------------------|
| <input checked="" type="checkbox"/> 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 |
|--|
| <input checked="" type="checkbox"/> TSMP36 |

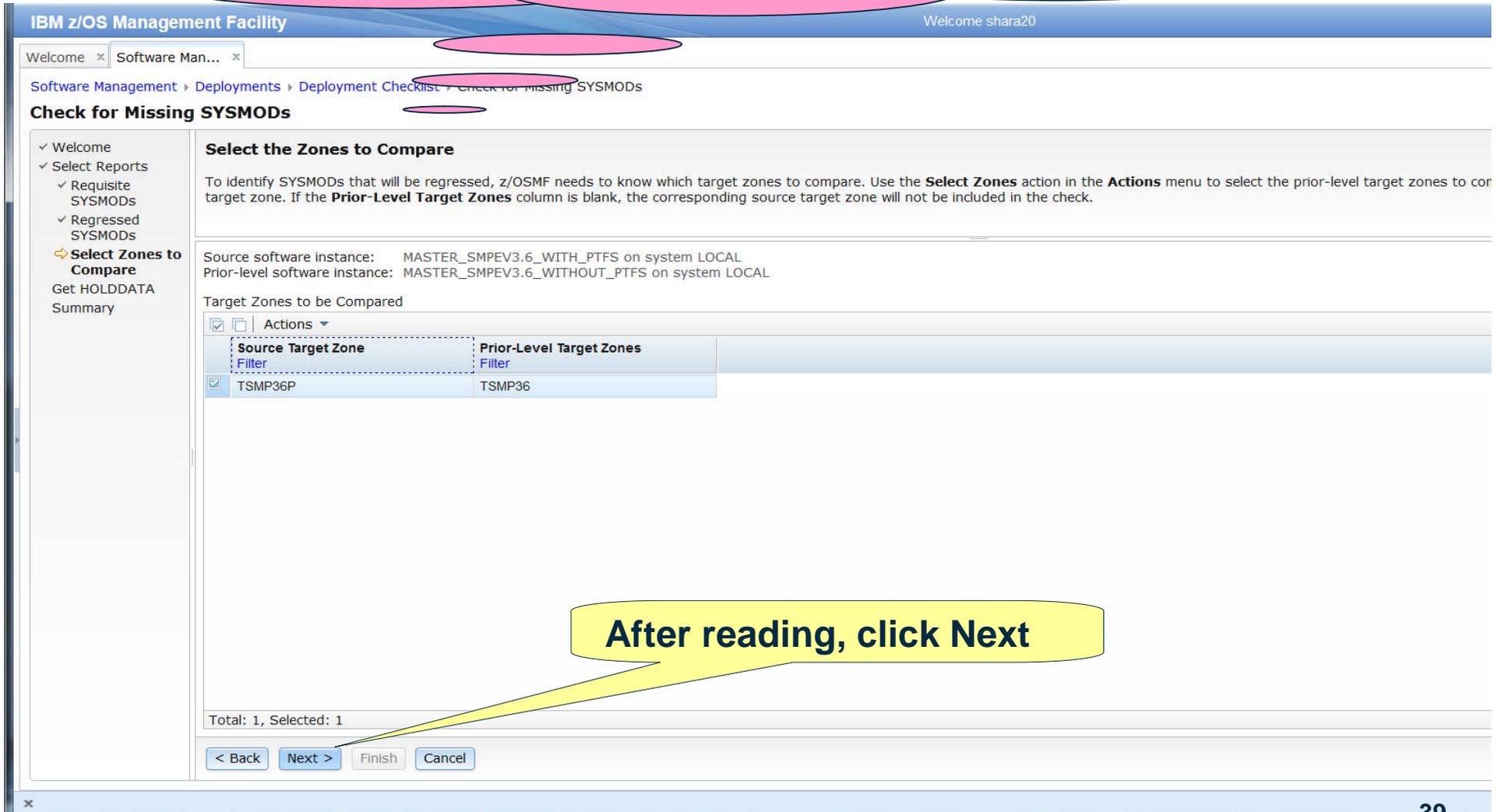
Total: 1, Selected: 1

OK Cancel Help

Then click OK

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

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



IBM z/OS Management Facility Welcome shara20

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

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. 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

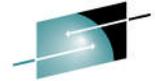
Target Zones to be Compared

Actions ▾

| Source Target Zone Filter | Prior-Level Target Zones Filter |
|---|---------------------------------|
| <input checked="" type="checkbox"/> TSMP36P | TSMP36 |

Total: 1, Selected: 1

After reading, click Next



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.

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 not click Finish until you have received the 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 shara20

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 sys

Target Zones to be Compared

| Source Target Zone | Prior-Level Target Zones |
|--------------------|--------------------------|
| TSMP36P | TSMP36 |

< Back Next > **Finish** Cancel

After reading, click Finish (or Back to make changes)

Step 4d: Check for Missing SYSMODs

IBM z/OS Management Facility Welcome shara20

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

Prior-level software instance: MASTER_SMPEV3.6_WITHOUT_PTFS on

Target Zones to be Compared

| Source Target Zone | Prior-Level Target Zones |
|--------------------|--------------------------|
| TSMP36P | TSMP36 |

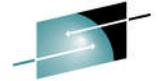
< Back Next > Finish Cancel

* Generating the missing SYSMOD reports. This request might take several minutes to complete.

Cancel

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

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.

After reviewing the missing requisites, click on Fix Categories

IBM z/OS Management Facility

Welcome

Software M

View Missing SYSMODs Report

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 Filter | Target Zone Filter | FMID (Description) Filter | Missing SYSMOD Filter | SYSMOD Received in Global Zone Filter | Causer SYSMOD Filter | Causer Software Instance Filter | Causer FMID (Description) Filter |
|---------------------------------|--------------------|---------------------------|-----------------------|---------------------------------------|----------------------|---|----------------------------------|
| MASTER_ZOSV1.12 on system LOCAL | TGTZ12 | HBB7770 (BCP Base) | UABCPTF | No | UAPTF01 | MASTER_SMPEV3.6_WITH_PTFS on system LOCAL | HMP1J00 (SMP/E Base) |
| MASTER_ZOSV1.12 on system LOCAL | TGTZ12 | HMP1H00 (SMP/E Base) | UASMPF | No | UAPTF01 | MASTER_SMPEV3.6_WITH_PTFS on system LOCAL | HMP1J00 (SMP/E Base) |

Total: 2

Close

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

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



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

IBM z/OS Management Console

Welcome x Software Man... x

Software Management > Deployments > Missing SYSMOD Reports

View Missing SYSMOD Report

Last Generated: Apr 10, 2014 10:55

Requisite SYSMODs | Fix Category | 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 | TSMP36P | IBM.Device.Server.z14-2818 | HMP1J00 (SMP/E Base) | UASRVR1 | No |
| MASTER_SMPEV3.6_WITH_PTFS on system LOCAL | TSMP36P | IBM.Device.Server.z196-2817 | HMP1J00 (SMP/E Base) | UASRVR1 | 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- | HMP1J00 (SMP/E Base) | UATARG1 | No |

Total: 4

Close

Missing requisite fixes for the source software instance are displayed

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

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



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

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Deployments > Deployment Reports

View Missing SYSMOD Reports

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

Requisite SYSMODs | **Fix Categories** | Regressed | DDATA 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_WI THOUT_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_WI THOUT_PTFS on system LOCAL | TSMP36 | IBM.Coexistence.z/O S.V1R11 | HMP1J00 (SMP/E Base) | UACOEEX2 | No |
| MASTER_SMPEV3.6_WI THOUT_PTFS on system LOCAL | TSMP36 | IBM.Coexistence.z/O S.V1R12 | HMP1J00 (SMP/E Base) | UACOEEX2 | No |
| MASTER_SMPEV3.6_WI THOUT_PTFS on system LOCAL | TSMP36 | IBM.Coexistence.z/O S.V1R13 | HMP1J00 (SMP/E Base) | UACOEEX2 | No |
| MASTER_ZOSV1.12 on system LOCAL | TGTZ12 | IBM.Coexistence.z/O S.V1R11 | HDZ1C10 (Data Facility System Managed Storage) | UA62925 | No |

Total: 9

Close

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

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

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

Welcome x Software Man... x

Software Management » Deployments » Deployment Check » 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_WITHOUT_PTFS on system LOCAL | TSMP36 | IBM.TargetSystem-RequiredService.z/OS.V1R12 | HMP1J00 (SMP/E Base) | UATARG1 | No | |
| MASTER_SMPEV3.6_WITHOUT_PTFS on system | TSMP36 | IBM.TargetSystem-RequiredService.z/OS | HMP1J00 (SMP/E Base) | UATARG1 | No | |

Total: 2

Close

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

This report shows missing requisite fixes for the software instances that you identified will run (and interact) on the same z/OS image with the target software instance.

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



After reviewing the Regressed SYSMODS, click on **HOLDDATA Delta**

IBM z/OS Management Facility Welcome shara20

Welcome x Software Man... x

Software Management > Deployments > Deployment Checklist > 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 ▼

| F MID (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) | OAMISS1 | USERMOD | TSMP36P | TSMP36 | Yes |

Total: 2

Close

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

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



IBM z/OS Management Facility Welcome shara20

Welcome x Software Man... x

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..._WITH_PTFS on system LOCAL
Prior-level software instance: MASTER..._SMPEV3.6_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

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



IBM z/OS Management Facility Welcome shara20

Welcome x Software Man... x

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
Prior-level software instance: MASTER_SMPEV3.6_WITHOUT_PTFS

Click on Actions and View ++HOLDDATA

HOLDDATA

| Type | ID | FMID | SYSMOD | Messages |
|-------------------------------------|----|---------|---------|----------|
| <input checked="" type="checkbox"/> | | HBCNC00 | UO01301 | |
| <input checked="" type="checkbox"/> | | HBCND0B | UR53091 | |

Total: 2, Selected: 2

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

Close

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



IBM z/OS Management Facility Welcome shara20

Welcome x Software Man... x

Software Management > Deployments > Deployment Checklist > View Missing SYSMODs

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. Be aware that the HOLDDATA may be 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

Actions ▾

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

* Retrieving the ++HOLD statements. This request might take several minutes to complete.

Total: 2, Selected: 2

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

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

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



HOLDDATA text is displayed, you can filter by Type, Reason ID, FMID, even SYSMOD

IBM z/OS Management Facility

Welcome x Software Man... x

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

View ++HOLD DATA

HOLDDATA

Actions ▾

| ++HOLD DATA Filter | Type Filter | Reason ID Filter | FMID Filter | SYSMOD Filter |
|---|----------------|---------------------|----------------|------------------|
| ++ 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 usermod, 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

Review entries and Click Close

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



Welcome x Software Man... x

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 Filter | Reason ID Filter | FMID Filter | SYSMOD Filter | Messages Filter |
|--|------------------|-------------|---------------|-----------------|
| <input checked="" type="checkbox"/> SYSTEM | ACTION | HBCNC00 | UO01301 | |
| <input checked="" type="checkbox"/> SYSTEM | IPL | HBCND0B | UR53091 | |

Click Close, you are done looking at the reports.

Total: 2, Select all

Close

Please note that once you close and complete this step (View Missing SYSMOD Reports) you will be able to come back and view the reports at any time.

Complete your session evaluations online at www.SHARE.org/Seattle-Eval



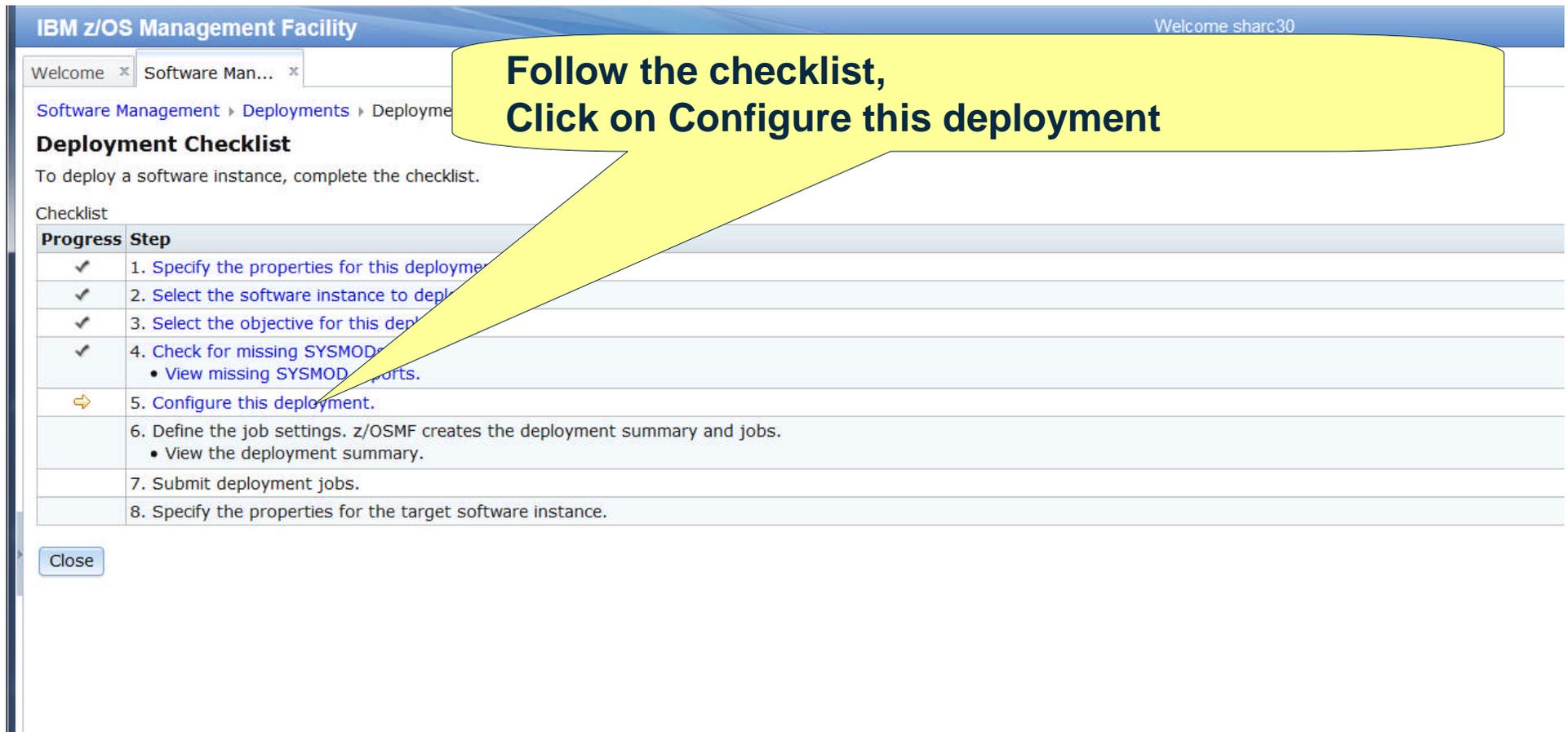
Step 5: Configure your deployment

Complete your session evaluations online at www.SHARE.org/Seattle-Eval

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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 sharc30

Welcome x Software Man... x

Software Management > Deployments > Deployment

Deployment Checklist

To deploy a software instance, complete the checklist.

Checklist

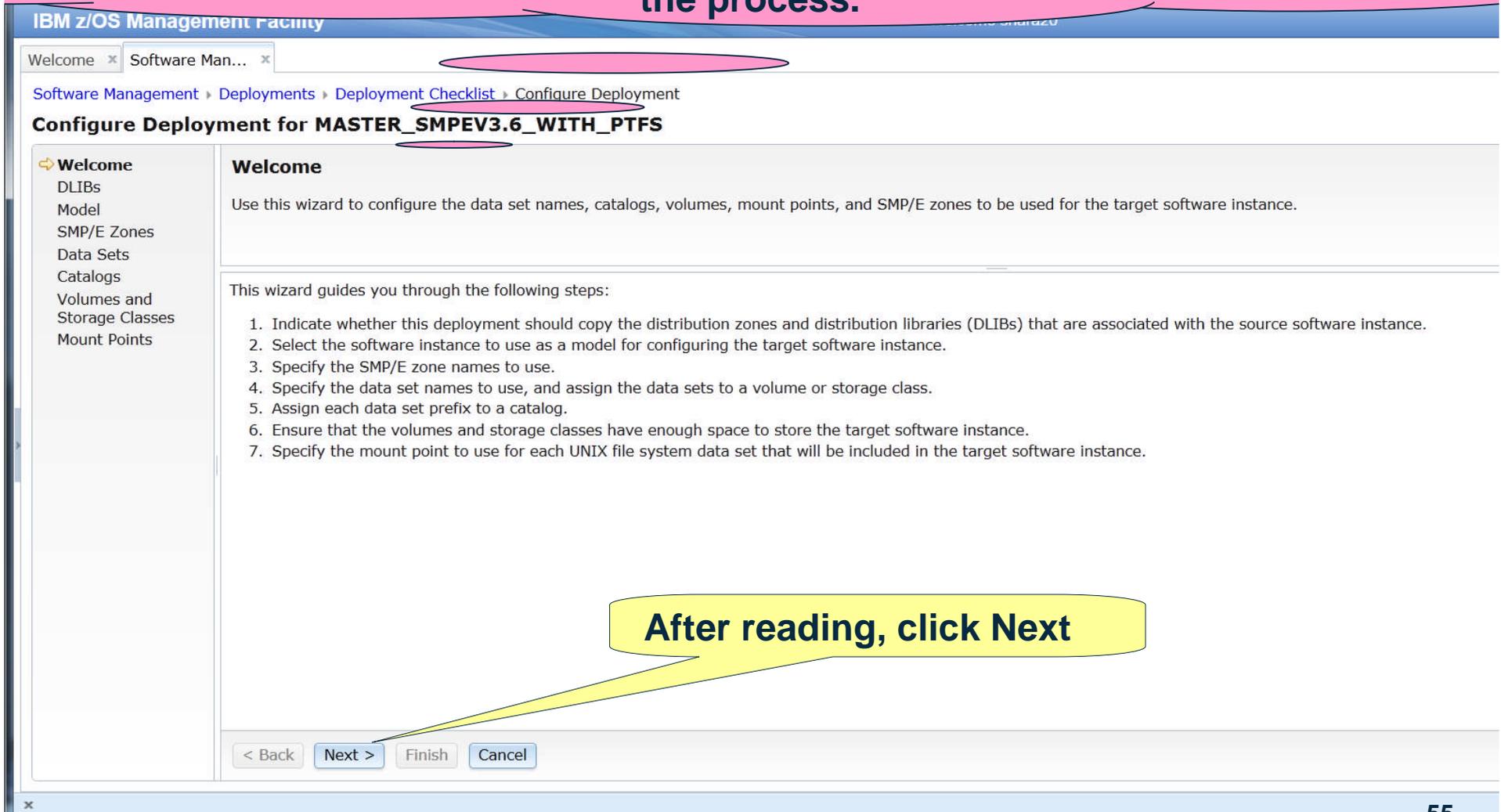
| Progress | Step |
|----------|--|
| ✓ | 1. Specify the properties for this deployment. |
| ✓ | 2. Select the software instance to deploy. |
| ✓ | 3. Select the objective for this deployment. |
| ✓ | 4. Check for missing SYSMODs. <ul style="list-style-type: none">• View missing SYSMOD reports. |
| ⇒ | 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. |
| | 7. Submit deployment jobs. |
| | 8. Specify the properties for the target software instance. |

Close

Follow the checklist,
Click on Configure this deployment

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

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.

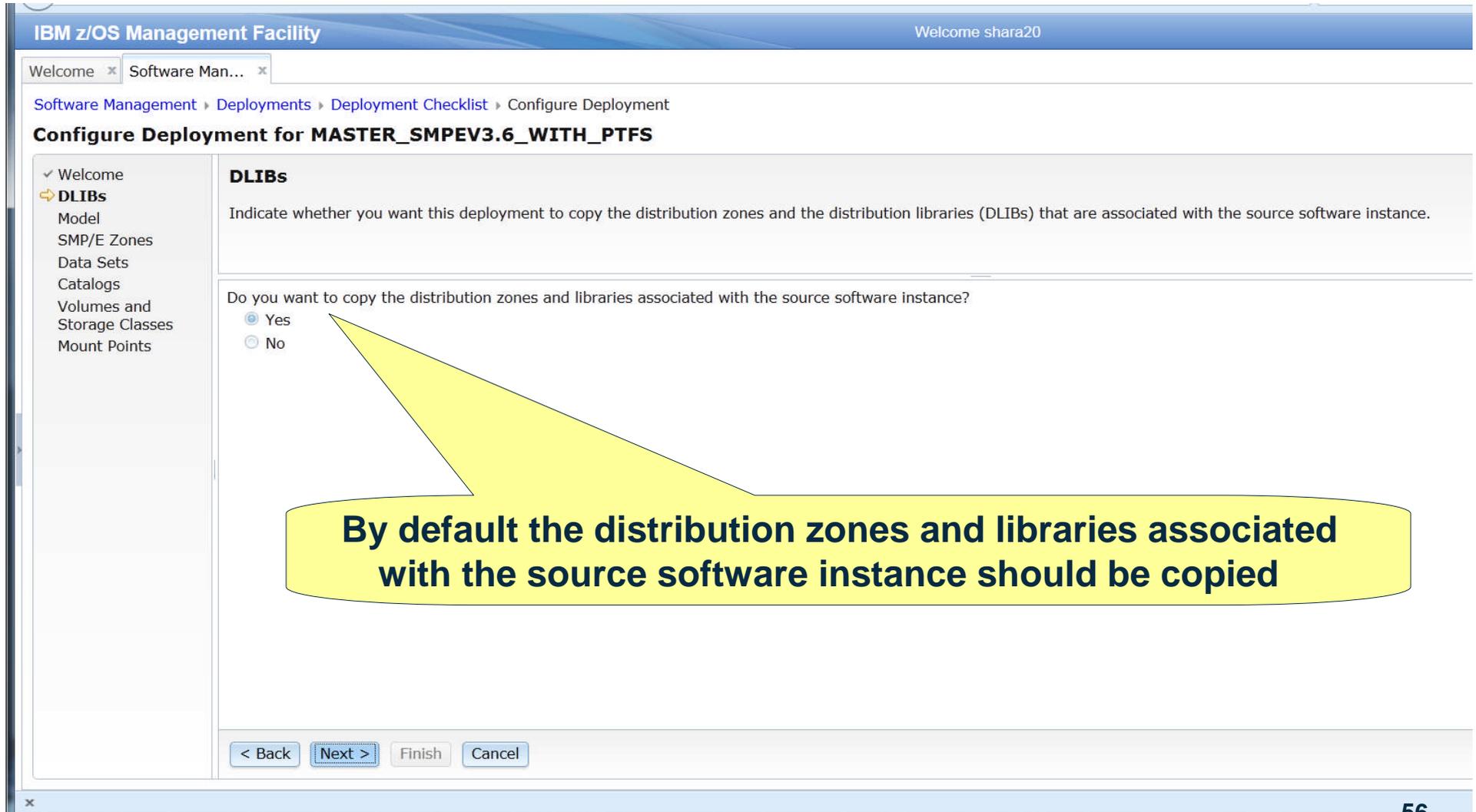
This wizard guides you through the following steps:

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

After reading, click Next

Step 5b: Want DLIBs?



IBM z/OS Management Facility Welcome shara20

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

DLIBs

Indicate whether you want this deployment to copy the distribution zones and the distribution libraries (DLIBs) that are associated with the source software instance.

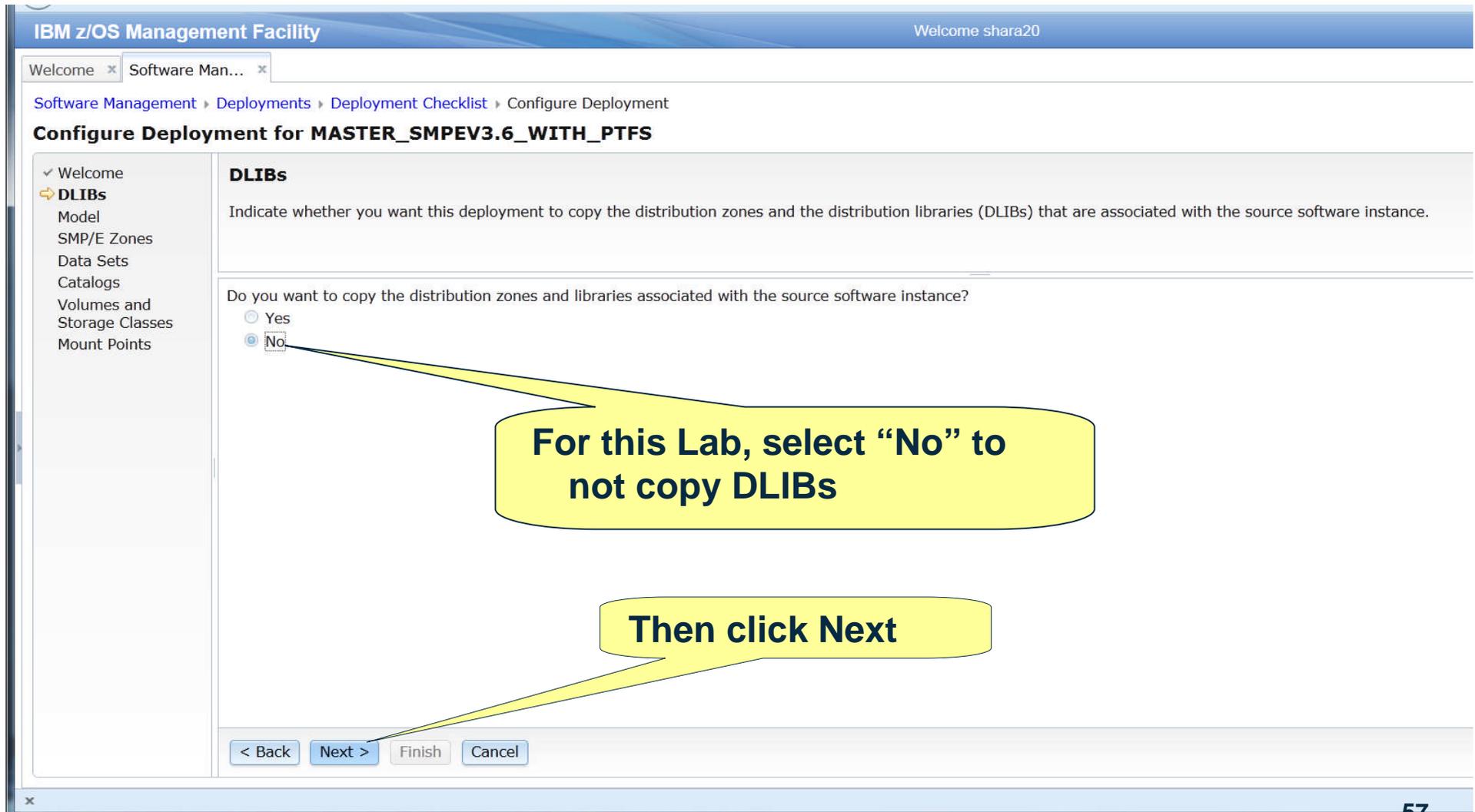
Do you want to copy the distribution zones and libraries associated with the source software instance?

Yes
 No

By default the distribution zones and libraries associated with the source software instance should be copied

< Back **Next >** Finish Cancel

Step 5b: Want DLIBs?



IBM z/OS Management Facility Welcome shara20

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

DLIBs

Indicate whether you want this deployment to copy the distribution zones and the distribution libraries (DLIBs) that are associated with the source software instance.

Do you want to copy the distribution zones and libraries associated with the source software instance?

Yes

No

For this Lab, select “No” to not copy DLIBs

Then click Next

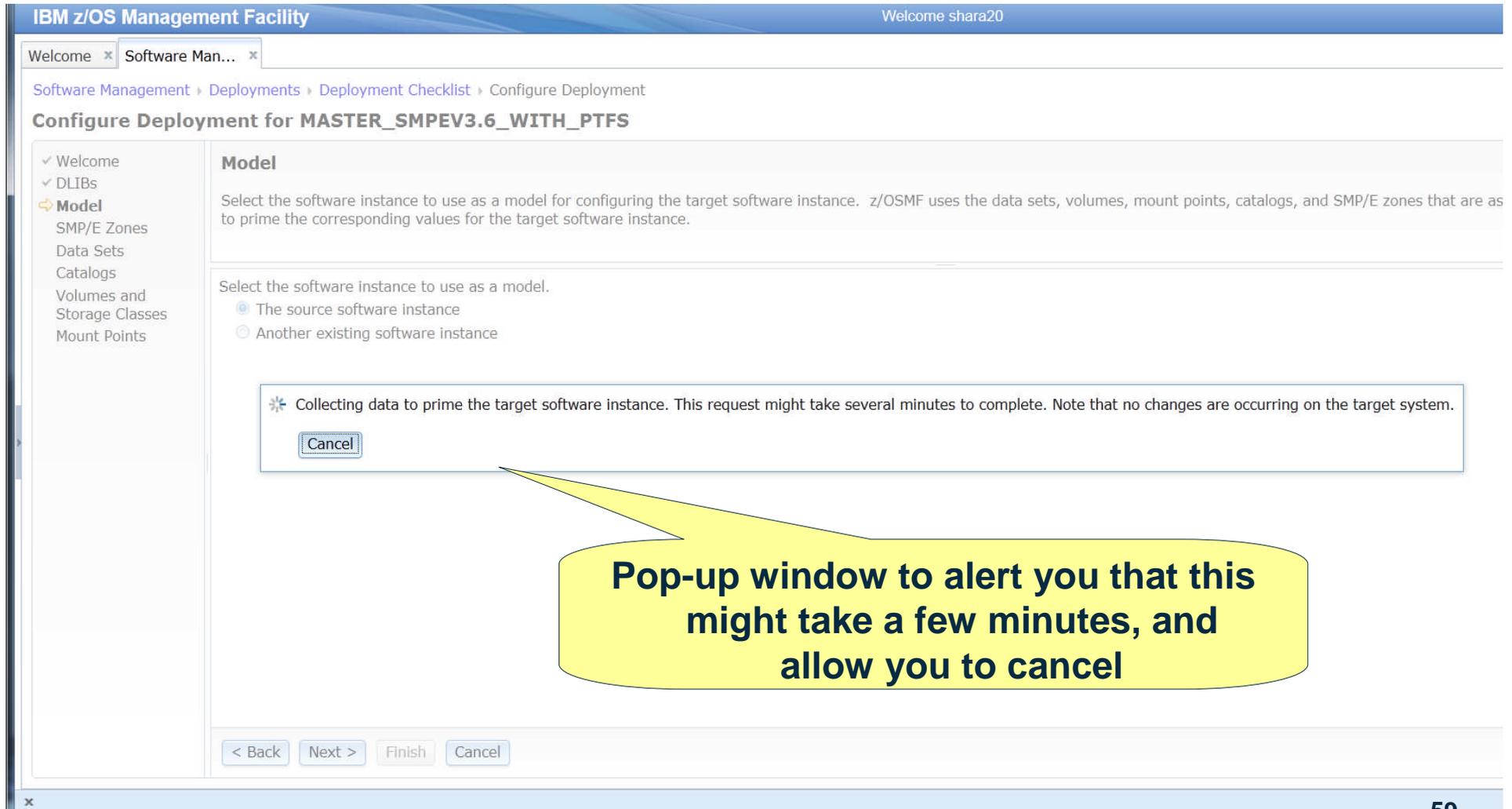
< Back **Next >** Finish Cancel

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.

The screenshot shows the 'Configure Deployment for MAST' dialog box in the IBM z/OS Management Facility. The 'Model' tab is selected, and the 'Model' section is active. The dialog box has a left-hand navigation pane with a tree view containing 'Welcome', 'DLIBs', 'Model', 'SMP/E Zones', 'Data Sets', 'Catalogs', 'Volumes and Storage Classes', and 'Mount Points'. The 'Model' section contains the following text: '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 target software instance.' Below this text, there is a label 'Select the software instance to use as a model.' followed by two radio button options: 'The source software instance' (which is selected) and 'Another existing software instance'. At the bottom of the dialog box, there are four buttons: '< Back', 'Next >', 'Finish', and 'Cancel'. A yellow callout bubble points to the 'Next >' button with the text 'Review then click Next'. Another yellow callout bubble points to the 'Model' section with the text 'By default the source software instance is used as a model to configure the target software instance'. A pink callout bubble at the top of the slide contains the text '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.'

Step 5c: Model ...

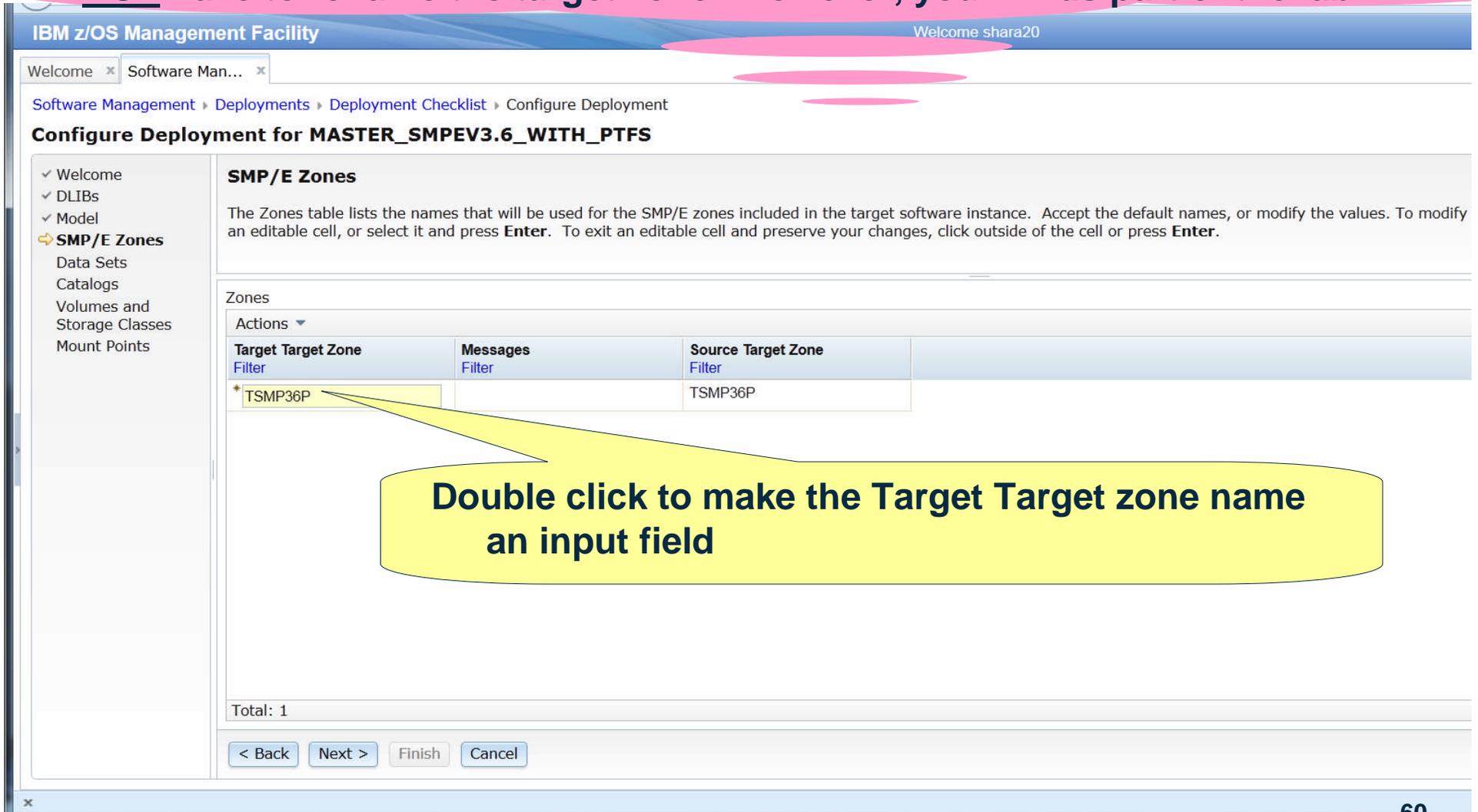


The screenshot shows the IBM z/OS Management Facility interface. The main window title is "Configure Deployment for MASTER_SMPEV3.6_WITH_PTFS". The left sidebar contains a navigation tree with "Model" selected. The main content area is titled "Model" and contains the following text: "Select the software 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." Below this, there are two radio button options: "The source software instance" (selected) and "Another existing software instance". A progress pop-up window is displayed in the center, containing the text: "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." and a "Cancel" button. At the bottom of the main window, there are navigation buttons: "< Back", "Next >", "Finish", and "Cancel".

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

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.



IBM z/OS Management Facility Welcome shara20

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

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

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.

Configure Deployment for **MASTER_SMPEV3.6_WITH_PTFs**

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**.

| Target Target Zone Filter | Messages Filter | Source Target Zone Filter |
|---------------------------|-----------------|---------------------------|
| TSMP36N | | TSMP36P |

Total: 1

< Back Next > Finish Cancel

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

IBM z/OS Management Facility Welcome shara20

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 ▾

| Target Data Set Name Filter | Target Volume Filter | Target Storage Class Filter | Messages Filter | Source Data Set Name Filter | Source Volumes Filter |
|---|---|--|------------------------------------|--|--|
| <input type="checkbox"/> SMPE36P.GIM.MACLIB | SH PUB2 | | | SMPE36P.GIM.MACLIB | SH PUB2 |
| <input type="checkbox"/> SMPE36P.GIM.MIGLIB | SH PUB2 | | | SMPE36P.GIM.MIGLIB | SH PUB2 |
| <input type="checkbox"/> SMPE36P.GIM.NONSMP.DATA | SH PUB2 | | | SMPE36P.GIM.NONSMP.DATA | SH PUB2 |
| <input type="checkbox"/> SMPE36P.GIM.SAMPLIB | SH PUB2 | | | SMPE36P.GIM.SAMPLIB | SH PUB2 |
| <input type="checkbox"/> SMPE36P.GIM.SGIMCLS0 | SH PUB2 | | | SMPE36P.GIM.SGIMCLS0 | SH PUB2 |
| <input type="checkbox"/> SMPE36P.GIM.SGIMLMD0 | SH PUB2 | | | SMPE36P.GIM.SGIMLMD0 | SH PUB2 |
| <input type="checkbox"/> SMPE36P.GIM.SGIMMENU | SH PUB2 | | | SMPE36P.GIM.SGIMMENU | SH PUB2 |
| <input type="checkbox"/> SMPE36P.GIM.SGIMPENU | SH PUB2 | | | SMPE36P.GIM.SGIMPENU | SH PUB2 |
| <input type="checkbox"/> SMPE36P.GIM.SGIMSENU | SH PUB2 | | | SMPE36P.GIM.SGIMSENU | SH PUB2 |
| <input type="checkbox"/> SMPE36P.GIM.SGIMTENU | SH PUB2 | | | SMPE36P.GIM.SGIMTENU | SH PUB2 |
| <input type="checkbox"/> SMPE36P.SWDEPLOY.TARGET.SMPE36P.SMPLOG | SH PUB2 | | | SMPE36P.SWDEPLOY.TARGET.SMPE36P.SMPLOG | SH PUB2 |

Total: 19, Selected: 0

Click on Filter (under Target Volume)

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...

Enter SHPUB2
Note: It does not have to be case sensitive

The screenshot shows the IBM z/OS Management Facility interface. The main window is titled 'Configure Deployment for MASTER_SMPEV3.6_WIT'. On the left, there is a navigation pane with 'Data Sets' selected. The main area displays a table of 'Data Sets' with columns for 'Target Data Set Name' and 'Target Filter'. A 'Modify Filter' dialog box is open, showing a 'Text' field with 'shpub2' and an 'OK' button. A yellow callout bubble points to the 'OK' button with the text 'Then click OK'.

| Target Data Set Name | Target Filter |
|--|---------------|
| 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 |
| SMPE36P.GIM.SGIMTENU | SHPUB2 |
| SMPE36P.SWDEPLOY.TARGET.SMPE36P.SMPLOG | SHPUB2 |

Step 5e: Data Sets ...

IBM z/OS Management Facility Welcome shara20

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, the **Modify** action to modify them.

Click to select all filtered data sets

| <input checked="" type="checkbox"/> | 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 | SH PUB2 | | | SMPE36P.GIM.MACLIB | SH PUB2 |
| <input type="checkbox"/> | SMPE36P.GIM.MIGLIB | SH PUB2 | | | SMPE36P.GIM.MIGLIB | SH PUB2 |
| <input type="checkbox"/> | SMPE36P.GIM.NONSMP.DATA | SH PUB2 | | | SMPE36P.GIM.NONSMP.DATA | SH PUB2 |
| <input type="checkbox"/> | SMPE36P.GIM.SAMPLIB | SH PUB2 | | | SMPE36P.GIM.SAMPLIB | SH PUB2 |
| <input type="checkbox"/> | SMPE36P.GIM.SGIMCLS0 | SH PUB2 | | | SMPE36P.GIM.SGIMCLS0 | SH PUB2 |
| <input type="checkbox"/> | SMPE36P.GIM.SGIMLMD0 | SH PUB2 | | | SMPE36P.GIM.SGIMLMD0 | SH PUB2 |
| <input type="checkbox"/> | SMPE36P.GIM.SGIMMENU | SH PUB2 | | | SMPE36P.GIM.SGIMMENU | SH PUB2 |
| <input type="checkbox"/> | SMPE36P.GIM.SGIMPENU | SH PUB2 | | | SMPE36P.GIM.SGIMPENU | SH PUB2 |
| <input type="checkbox"/> | SMPE36P.GIM.SGIMSENU | SH PUB2 | | | SMPE36P.GIM.SGIMSENU | SH PUB2 |
| <input type="checkbox"/> | SMPE36P.GIM.SGIMTENU | SH PUB2 | | | SMPE36P.GIM.SGIMTENU | SH PUB2 |
| <input type="checkbox"/> | SMPE36P.SWDEPLOY.TARGET.SMPE36P.SMPLOG | SH PUB2 | | | SMPE36P.SWDEPLOY.TARGET.SMPE36P.SMPLOG | SH PUB2 |

Total: 19, Filtered: 16, Selected: 0

< Back Next > Finish Cancel

Step 5e: Data Sets ...

IBM z/OS Management Facility Welcome shara20

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 target storage classes. You can click on the default names, volumes, or target storage classes to modify them. Use the **Modify** action to modify them.

Click on Actions, and then Modify

| Target Volume Filter | Target Storage Class Filter | Messages Filter | Source Data Set Name Filter | Source Volumes Filter |
|--|-----------------------------|-----------------|--|-----------------------|
| SM | SH PUB2 | | SMPE36P.GIM.MACLIB | SH PUB2 |
| SM | SH PUB2 | | SMPE36P.GIM.MIGLIB | SH PUB2 |
| SM | SH PUB2 | | SMPE36P.GIM.NONSMP.DATA | SH PUB2 |
| SM | SH PUB2 | | SMPE36P.GIM.SAMPLIB | SH PUB2 |
| SM | SH PUB2 | | SMPE36P.GIM.SGIMCLS0 | SH PUB2 |
| SM | SH PUB2 | | SMPE36P.GIM.SGIMLMD0 | SH PUB2 |
| SMPE36P.GIM.SGIMMENU | SH PUB2 | | SMPE36P.GIM.SGIMMENU | SH PUB2 |
| SMPE36P.GIM.SGIMPENU | SH PUB2 | | SMPE36P.GIM.SGIMPENU | SH PUB2 |
| SMPE36P.GIM.SGIMSENU | SH PUB2 | | SMPE36P.GIM.SGIMSENU | SH PUB2 |
| SMPE36P.GIM.SGIMTENU | SH PUB2 | | SMPE36P.GIM.SGIMTENU | SH PUB2 |
| SMPE36P.SWDEPLOY.TARGET.SMPE36P.SMPLOG | SH PUB2 | | SMPE36P.SWDEPLOY.TARGET.SMPE36P.SMPLOG | SH PUB2 |

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.

Select Volume, rather than Storage Class

Then, change the volume to SHRESA
Note: It does not have to be case sensitive

Once the changes have been made, click OK

IBM z/OS Management Facility Welcome shara20

Welcome x Software Man... x

Software Management > Deployments > Deployment Checklist > Configure De

Modify Data Sets

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

Common data set qualifiers: Example data set qualifiers

From: SMPE36P To: SMPE36P

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

Volume Storage class

SHRESA

Selected Data Sets

Match: All filters

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

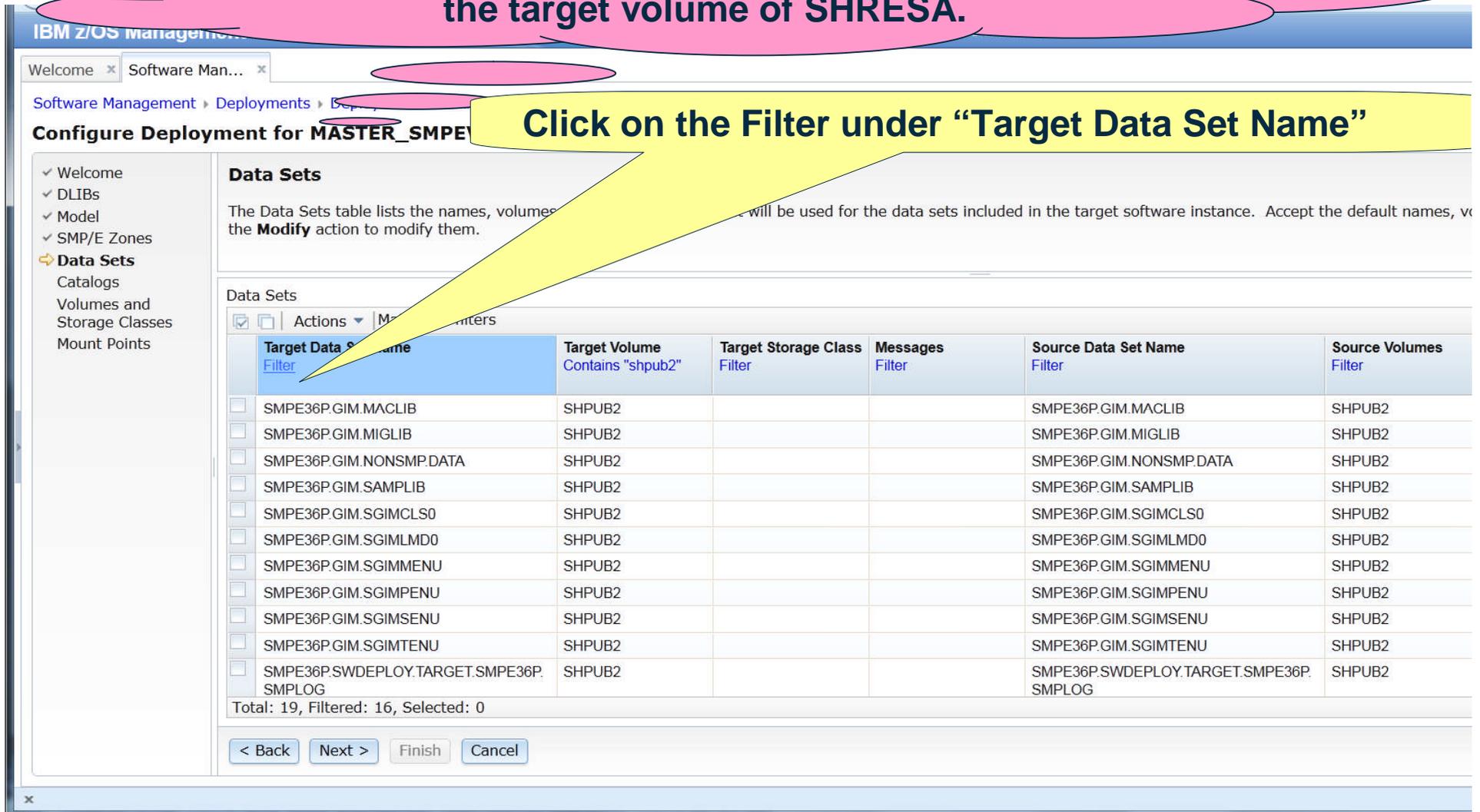
Total: 16, Filtered: 16, Selected: 16

OK Reset Cancel

Step 5e: Data Sets ...

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

Click on the Filter under "Target Data Set Name"



IBM Z/OS management console interface showing the configuration for MASTER_SMPE36P. The 'Data Sets' section is active, displaying a table of data sets. A yellow callout points to the 'Filter' link under 'Target Data Set Name'.

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, volumes, and storage classes, or use the **Modify** action to modify them.

| 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 | SH PUB2 | | | SMPE36P.GIM.MACLIB | SH PUB2 |
| <input type="checkbox"/> SMPE36P.GIM.MIGLIB | SH PUB2 | | | SMPE36P.GIM.MIGLIB | SH PUB2 |
| <input type="checkbox"/> SMPE36P.GIM.NONSMP.DATA | SH PUB2 | | | SMPE36P.GIM.NONSMP.DATA | SH PUB2 |
| <input type="checkbox"/> SMPE36P.GIM.SAMPLIB | SH PUB2 | | | SMPE36P.GIM.SAMPLIB | SH PUB2 |
| <input type="checkbox"/> SMPE36P.GIM.SGIMCLS0 | SH PUB2 | | | SMPE36P.GIM.SGIMCLS0 | SH PUB2 |
| <input type="checkbox"/> SMPE36P.GIM.SGIMLMD0 | SH PUB2 | | | SMPE36P.GIM.SGIMLMD0 | SH PUB2 |
| <input type="checkbox"/> SMPE36P.GIM.SGIMMENU | SH PUB2 | | | SMPE36P.GIM.SGIMMENU | SH PUB2 |
| <input type="checkbox"/> SMPE36P.GIM.SGIMPENU | SH PUB2 | | | SMPE36P.GIM.SGIMPENU | SH PUB2 |
| <input type="checkbox"/> SMPE36P.GIM.SGIMSENU | SH PUB2 | | | SMPE36P.GIM.SGIMSENU | SH PUB2 |
| <input type="checkbox"/> SMPE36P.GIM.SGIMTENU | SH PUB2 | | | SMPE36P.GIM.SGIMTENU | SH PUB2 |
| <input type="checkbox"/> SMPE36P.SWDEPLOY.TARGET.SMPE36P.SMPLOG | SH PUB2 | | | SMPE36P.SWDEPLOY.TARGET.SMPE36P.SMPLOG | SH PUB2 |

Total: 19, Filtered: 16, Selected: 0

< Back Next > Finish Cancel

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

IBM z/OS Software Management console screenshot showing the Data Sets configuration page. The page title is "Configure Deployment for MASTER_SMPEV3". The left sidebar shows navigation options: Welcome, DLIBs, Model, SMP/E Zones, Data Sets (selected), Catalogs, Volumes and Storage Classes, and Mount Points. The main content area shows the "Data Sets" table with columns for Target Data Set Name, Target Volume, and Source Volumes. A "Modify" dialog box is open, showing a filter condition "Contains zosmf". The dialog has buttons for "OK", "Clear Filters", "Cancel", and "Help". A "Clear" button is also visible in the dialog, next to the "Target Volume: Contains 'shpub2'" entry. The table below the dialog shows 16 filtered data sets out of a total of 19.

| Target Data Set Name | Target Volume | Source Volumes |
|--|---------------|--|
| Filter | Contain | Filter |
| SMPE36P.GIM.MACLIB | SH PUB | SH PUB2 |
| SMPE36P.GIM.MIGLIB | SH PUB | SH PUB2 |
| SMPE36P.GIM.NONSMP.DATA | SH PUB | SH PUB2 |
| SMPE36P.GIM.SAMPLIB | SH PUB | SH PUB2 |
| SMPE36P.GIM.SGIMCLS0 | SH PUB | SH PUB2 |
| SMPE36P.GIM.SGIMLMD0 | SH PUB | SH PUB2 |
| SMPE36P.GIM.SGIMMENU | SH PUB | SH PUB2 |
| SMPE36P.GIM.SGIMPENU | SH PUB | SH PUB2 |
| SMPE36P.GIM.SGIMSENU | SH PUB | SH PUB2 |
| SMPE36P.GIM.SGIMTENU | SH PUB | SH PUB2 |
| SMPE36P.SWDEPLOY.TARGET.SMPE36P.SMPLOG | SH PUB2 | SMPE36P.SWDEPLOY.TARGET.SMPE36P.SMPLOG |

Step 5e: Data Sets ...



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

IBM z/OS Management Facility Welcome shara20

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. Click on the **Modify** action to modify them.

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

Data Sets

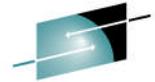
Actions ▼ Match: All filters

| Target Volume Filter | Target Storage Class Filter | Messages Filter | Source Data Set Name Filter | Source Volumes Filter | Source Storage Class Filter |
|----------------------|-----------------------------|-----------------|----------------------------------|-----------------------|-----------------------------|
| | | | | | |
| ZOS... | SHARE | | ZOSMF.SWDEPLOY.GLOBAL.CSI | SHR001 | SHARE |
| ZOS... | SHARE | | ZOSMF.SWDEPLOY.SMPE36P.ZFS | SHR005 | SHARE |
| ZOS... | SHARE | | ZOSMF.SWDEPLOY.TARGET.SMPE36P.CS | SHR005 | SHARE |

Total: 19, Filtered: 3, Selected: 3

< Back Next > Finish Cancel

Step 5e: Data Sets ...



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

Modify Data Sets

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

Common data set qualifiers: Example data set name:
From: ZOSMF.SWDEPLOY ZOSMF.SWDEPLOY.GLO
To: ZOSMF.SWDEPLOY.SHARC30 ZOSMF.SWDEPLOY.SHARC30.GLO

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

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

Volume Storage class

SHRESB

Then select Volume, rather than Storage Class

Selected Data Sets

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

Next change the volume to SHRESB
Again, it does not have to be case sensitive

Total: 3, Filtered: 3, Selected: 3

Once the changes have been made, click OK

OK Reset Cancel

Step 5e: Data Sets ...



IBM z/OS Management Facility

**That's all the data set changes you'll do for this Lab. Notice that the target data set names now contain your third qualifier (e.g., SHARC30).
Now, on to catalog information!**

Navigation menu: DLIBs, Model, SMP/E Zones, **⇒ Data Sets**, Catalogs, Volumes and Storage Classes, Mount Points

The Data Sets table lists the names, volumes, and storage classes that will be used for the ... default names, volumes, and storage classes, or use the **Modify** action to modify them.

Data Sets

Actions

| Target Data Set Name <small>Contains "zosmf"</small> | Target Volume <small>Filter</small> | Target Storage Class <small>Filter</small> | Messages <small>Filter</small> | Source Data Set Name <small>Filter</small> | Source Volumes <small>Filter</small> | Source Storage Class <small>Filter</small> |
|---|--|---|-----------------------------------|---|---|---|
| <input checked="" type="checkbox"/> ZOSMF.SWDEPLOY.SHARC30.GLOBAL.CSI | SHRESB | | | ZOSMF.SWDEPLOY.GLOBAL.CSI | SHR001 | SHARE |
| <input checked="" type="checkbox"/> ZOSMF.SWDEPLOY.SHARC30.SMPE36P.ZFS | SHRESB | | | ZOSMF.SWDEPLOY.SMPE36P.ZFS | SHR005 | SHARE |
| <input checked="" type="checkbox"/> ZOSMF.SWDEPLOY.SHARC30.TARGET.SMPE36P.CSI | SHRESB | | | ZOSMF.SWDEPLOY.TARGET.SMPE36P.CSI | SHR005 | SHARE |

Total: 19, Filtered: 3, Selected: 3

Click Next



Step 5f: Catalogs



IBM z/OS Management Facility Welcome shara20

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

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

| Prefix Filter | New or Existing Filter | Catalog the Data Sets? Filter | Catalog Name Filter | Catalog Type Filter | Messages Filter |
|--|---------------------------|-------------------------------------|------------------------|------------------------|--------------------|
| <p>* Collecting catalog information for the configuration. This request might take several minutes to complete.</p> <p><input type="button" value="Cancel"/></p> | | | | | |

Total: 0, Selected: 0

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

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

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

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 assignment or select not to catalog the corresponding data sets.

Target Data Set Name Prefixes

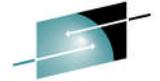
| Prefix <small>Filter</small> | New or Existing <small>Filter</small> | Log the Data Sets? <small>Filter</small> | Catalog Name <small>Filter</small> | Catalog Type <small>Filter</small> | Messages <small>Filter</small> |
|---|--|--|---------------------------------------|---------------------------------------|-----------------------------------|
| <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

SELECT SMPE36P

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.

Software Management > Deployments > Deployment Checklist > Configure Deployment

Configure Deployment for MASTER_SMPEV3.6_WITH_PTFS

Catalogs

The Target Data Set Name Prefixes table or select not to catalog the corresponding

Target Data Set Name Prefixes

Actions ▾

- Catalog Data Sets
- Do Not Catalog Data Sets
- Select Catalog
- Select All
- Deselect All
- Configure Columns...
- Modify Filters...
- Hide Filter Row
- Clear Filters
- Modify Sort...
- Clear Sorts

| Pre | Catalog the Data Sets? | Catalog Name | Catalog Type | Messages |
|--|------------------------|--------------|--------------|----------|
| Filter | Filter | Filter | Filter | Filter |
| <input checked="" type="checkbox"/> SM | Yes | UCAT.SHPROD | USER | |
| <input type="checkbox"/> ZO | Yes (Required) | UCAT.SHPROD | USER | |

Total: 2, Selected: 1

< Back Next > Finish Cancel

Step 5f: Catalogs ...



IBM z/OS Management Facility Welcome shara20

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

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

| <input checked="" type="checkbox"/> <input type="checkbox"/> 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 | No | | | |
| <input type="checkbox"/> | ZOSMF | Existing | Yes (Required) | UCAT.SHPROD | USER | |

Total: 2, Selected: 1

< Back Next > Finish Cancel

Click Next

Step 5g: Volumes and Storage Classes



IBM z/OS Management Facility Welcome shara20

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

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 or the **Modify** action to modify them.

Target Volumes

Actions ▾

| Volume Filter | Total Capacity (MB) Filter | Current Allocated Space (MB) Filter | Current Allocated Space (%) | Messages Filter | Allocated Space After | Allocated Space After | Allocated Space Delta (MB) | Planned Threshold (%) Filter | Initialize Volume Filter | Catalog Method Filter | Indirect Catalog Entry Symbol Filter |
|----------------------------------|---|--|-----------------------------|------------------------------------|-----------------------|-----------------------|----------------------------|---|---|--|---|
|----------------------------------|---|--|-----------------------------|------------------------------------|-----------------------|-----------------------|----------------------------|---|---|--|---|

* Collecting storage information for the configuration. This request might take several minutes to complete.

Total: 0

Target Storage Classes

Actions ▾

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

Last refresh: Apr 10, 2014 11:33

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

Step 5g: Volumes and Storage Classes ...



IBM z/OS Management Facility Welcome sbarc30

Welcome ...

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

Configure Deployment for ...

- ✓ 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 them.

Select the SHRESA Volume

Target Volumes

Actions ▾

| Volume Filter | Total Capacity Filter | Allocated Space (MB) Filter | Current Allocated Space (%) Filter | Messages Filter | Allocated Space After Deployment (MB) Filter | Allocated Space After Deployment (%) Filter | Allocated Space Delta (MB) Filter | Planned Threshold (%) Filter | Initialize Volume Filter | Catalog Method Filter | Indirect Catalog Entry Symbol Filter |
|---|--|--|---|------------------------------------|---|--|--|---|---|--|---|
| <input checked="" type="radio"/> SHRESA | 8514.05 | 7917.49 | 93 | IZUD516W | 8003.51 | 94 | 86.02 | 85 | No | Direct | |
| <input type="radio"/> SHRESB | 8514.05 | 7587.71 | 89 | IZUD516W | 7767.22 | 91 | 179.51 | 85 | No | Direct | |

Total: 2, Selected: 0

Target Storage Classes

Actions ▾

| Storage Class Filter | Space Required (MB) Filter |
|---|---|
| There is no data to display. | |

Last refresh: Feb 6, 2015, 3:54:33 PM local time (Feb 6, 2015, 8:54:33 PM GMT)

Step 5g: Volumes and Storage Classes ...



IBM z/OS Management Facility

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

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

Volumes

The Target Volumes and Target Storage Classes reside. Accept the them.

Click on Actions, and then Modify

Target Volumes

| Actions | Current Allocated Space (MB) | Current Allocated Space (%) | Messages | Allocated Space After Deployer (MB) | Allocated Space After Deployer (%) | Allocated Space Delta (MB) | Planned Threshold (%) | Initialize Volume | Catalog Method | Indirect Catalog Entry Symbol |
|----------------------|------------------------------|-----------------------------|---------------|-------------------------------------|------------------------------------|----------------------------|-----------------------|-------------------|----------------|-------------------------------|
| Modify | Filter | Filter | Filter | Filter | Filter | Filter | Filter | Filter | Filter | Filter |
| Configure Columns... | | | | | | | | | | |
| Modify Filters... | | | | | | | | | | |
| Hide Filter Row | | | | | | | | | | |
| Clear Filters | | | | | | | | | | |
| Modify Sort... | 95 | 7917.49 | 93 ⚠ IZUD516W | 8003.51 | 94 | 86.02 | 85 | No | Direct | |
| Clear Sorts | 95 | 7587.71 | 89 ⚠ IZUD516W | 7767.22 | 91 | 179.51 | 85 | No | Direct | |

Total: 2, Selected: 1

Target Storage Classes

| Actions | Storage Class | Space Required (MB) |
|------------------------------|---------------|---------------------|
| | Filter | Filter |
| There is no data to display. | | |

Refresh Last refresh: Feb 6, 2015, 3:54:33 PM local time (Feb 6, 2015, 8:54:33 PM GMT)

< Back Next > Finish Cancel

Step 5g: Volumes and Storage Classes ...



IBM z/OS Management Facility Welcome share30

Modify Volume SHRESA

* Volume:
SHRESA

Total capacity (MB):
8514.05

Initialize volume:
 Yes
 No

Catalog method:
 Direct
 Indirect * Indirect catalog entry symbol:
&MYRES

* Planned threshold (%):
99

| State | Allocated Space (MB) | Allocated Space (%) |
|-------------------|----------------------|---------------------|
| Before deployment | 7917.49 | 93 |
| After deployment | 8003.51 | 94 |

Allocated space delta (MB):
86.02

OK Cancel

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
Note: It does not have to be case sensitive

3. Then change the Planned threshold to 99%

Finally, click OK

Step 5g: Volumes and Storage Classes ...



Now we will clear up the warning message displayed below

Configure Deployment for MASTER_SMP/EVS.0_WITH...

- ✓ 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 are listed below. A new user catalog will reside. Accept the them.

Select the SHRESB Volume, then Actions and Modify

Target Volumes

| Actions | Current Allocated Space (MB) | Current Allocated Space (%) | Messages | Allocated Space After Deployer (MB) | Allocated Space After Deployer (%) | Allocated Space Delta (MB) | Planned Threshold (%) | Initialize Volume | Catalog Method | Indirect Catalog Entry Symbol |
|----------------|------------------------------|-----------------------------|------------|-------------------------------------|------------------------------------|----------------------------|-----------------------|-------------------|----------------|-------------------------------|
| Modify | 7917.49 | 93 | | 8003.51 | 94 | 86.02 | 99 | No | Indirect | &MYRES |
| Modify Sort... | 7587.71 | 89 | ⚠ IZUD516W | 7767.22 | 91 | 179.51 | 85 | No | Direct | |

Total: 2, Selected: 1

Target Storage Classes

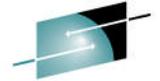
| Storage Class | Space Required (MB) |
|---------------|---------------------|
| | |

There is no data to display.

Refresh Last refresh: Feb 6, 2015, 3:54:33 PM local time (Feb 6, 2015, 8:54:33 PM GMT)

< Back Next > Finish Cancel

Step 5g: Volumes and Storage Classes ...



IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Deployments > Deployment Checklist

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 | 7587.71 | 89 |
| After deployment | 7767.22 | 91 |

Allocated space delta (MB):
179.51

OK Cancel

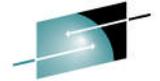
The warning message identified that the amount of space required on the target volume exceeded the planned threshold limit set for this volume. To resolve the warning you could:

- 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(s) has been resolved!

- ✓ 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 them.

Target Volumes

| Volume Filter | Total Capacity (MB) Filter | Current Allocated Space (MB) Filter | Current Allocated Space (%) Filter | Messages Filter | Allocated Space After Deployer (MB) Filter | Allocated Space After Deployer (%) Filter | Allocated Space Delta (MB) Filter | Planned Threshold (%) Filter | Initialize Volume Filter | Catalog Method Filter | Indirect Catalog Entry Symbol Filter |
|---|---|--|---|------------------------------------|---|--|--|---|---|--|---|
| <input type="radio"/> SHRESA | 8514.05 | 7917.49 | 93 | | 8003.51 | 94 | 86.02 | 99 | No | Indirect | &MYRES |
| <input checked="" type="radio"/> SHRESB | 8514.05 | 7587.71 | 89 | | 7767.22 | 91 | 179.51 | 99 | No | Direct | |

Total: 2, Selected: 1

Target Storage Classes

| Storage Class Filter | Space Required (MB) Filter |
|---|---|
| There is no data to display. | |

There is no data to display.

Click Next

Refresh Last refresh: Feb 6, 2015, 3:54:23 PM local time (Feb 6, 2015, 8:54:33 PM GMT)

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.

Select /sharelab/swdeploy/smpe36p

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Deployments > Deployment Checklist > Configure Deployment

Configure Deployment for MASTER_SMPEV3.6_WITH...

- ✓ 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 **Mount Point** action to modify them.

Mount Points

| <input checked="" type="checkbox"/> | <input type="checkbox"/> Actions | Target mount point Filter | Target Data Set Name Filter | Source mount point Filter | Source Data Set Name Filter |
|-------------------------------------|----------------------------------|------------------------------|------------------------------------|------------------------------|--------------------------------|
| <input checked="" type="checkbox"/> | | /sharelab/swdeploy/smpe36p | ZOSMF.SWDEPLOY.SHARA20.SMPE36P.ZFS | /sharelab/swdeploy/smpe36p | ZOSMF.SWDEPLOY.SMPE36P.ZFS |

Total: 1, Selected: 1

< Back Next > Finish Cancel

Step 5h: Mount Points ...

IBM z/OS Management Facility Welcome shara20

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**

Click on Actions, and then Modify Target Mount Point

Mount Points

The Mount Points table lists the mount points that will be used for the deployment. You can click on the **Modify Target Mount Point** action to modify them.

| <input checked="" type="checkbox"/> | Actions | Target Data Set Name | Source mount point | Source Data Set Name |
|-------------------------------------|---|------------------------------------|----------------------------|----------------------------|
| <input checked="" type="checkbox"/> | Filter | Filter | Filter | Filter |
| <input checked="" type="checkbox"/> | <ul style="list-style-type: none">Modify Target Mount PointSelect AllDeselect AllConfigure Columns...Modify Filters...Hide Filter RowClear FiltersModify Sort...Clear Sorts | ZOSMF.SWDEPLOY.SHARA20.SMPE36P.ZFS | /sharelab/swdeploy/smpe36p | ZOSMF.SWDEPLOY.SMPE36P.ZFS |

Total: 1, Selected: 1

Step 5h: Mount Points ...

Add a subdirectory with your Userid, SHARxnn, e.g., /sharelab/swdeploy/smpe36p/**sharc30**

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

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Deployments > Deployment Checklist > Configure

Modify Target Mount Point

Enter a new target mount point for the selected mount point

* Common mount points directory:

From: /sharelab/swdeploy/smpe36p

To:

Selected mount points

| Target mount point | Target Data Set Name | Source mount point | Source Data Set Name |
|----------------------------|------------------------------------|----------------------------|----------------------------|
| /sharelab/swdeploy/smpe36p | ZOSMF.SWDEPLOY.SHARC30.SMPE36P.ZFS | /sharelab/swdeploy/smpe36p | ZOSMF.SWDEPLOY.SMPE36P.ZFS |

OK Cancel

Example target mount point:
/sharelab/swdeploy/smpe36p

/sharelab/swdeploy/smpe36p/sharc30

Once the changes have been made, click OK

Step 5: Configure the Deployment ...



IBM z/OS Management Facility Welcome sharc30

Welcome

The Deployment has been configured at this point!

Configure Deployment

- ✓ 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

| <input checked="" type="checkbox"/> | Actions | Target mount point Filter | Target Data Set Name Filter | Source mount point Filter | Source Data Set Name Filter |
|-------------------------------------|---------|------------------------------------|------------------------------------|------------------------------|--------------------------------|
| <input checked="" type="checkbox"/> | | /sharelab/swdeploy/smpe36p/sharc30 | ZOSMF.SWDEPLOY.SHARC30.SMPE36P.ZFS | /sharelab/swdeploy/smpe36p | ZOSMF.SWDEPLOY.SMPE36P.ZFS |

Total: 1, Selected: 1

< Back Next > **Finish** Cancel

Review then click Finish

Step 6: Create deployment jobs and summary

Complete your session evaluations online at www.SHARE.org/Seattle-Eval

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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 sharc30

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. <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. |
| | 7. Submit deployment jobs. |
| | 8. Specify the properties for the target software instance. |

Close

**Follow the checklist,
Click on Define the job settings, ...**

Complete your session evaluations online at www.SHARE.org/Seattle-Eval

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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 sharc30

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:

* JOB statement:

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

Complete your session evaluations online at www.SHARE.org/Seattle-Eval

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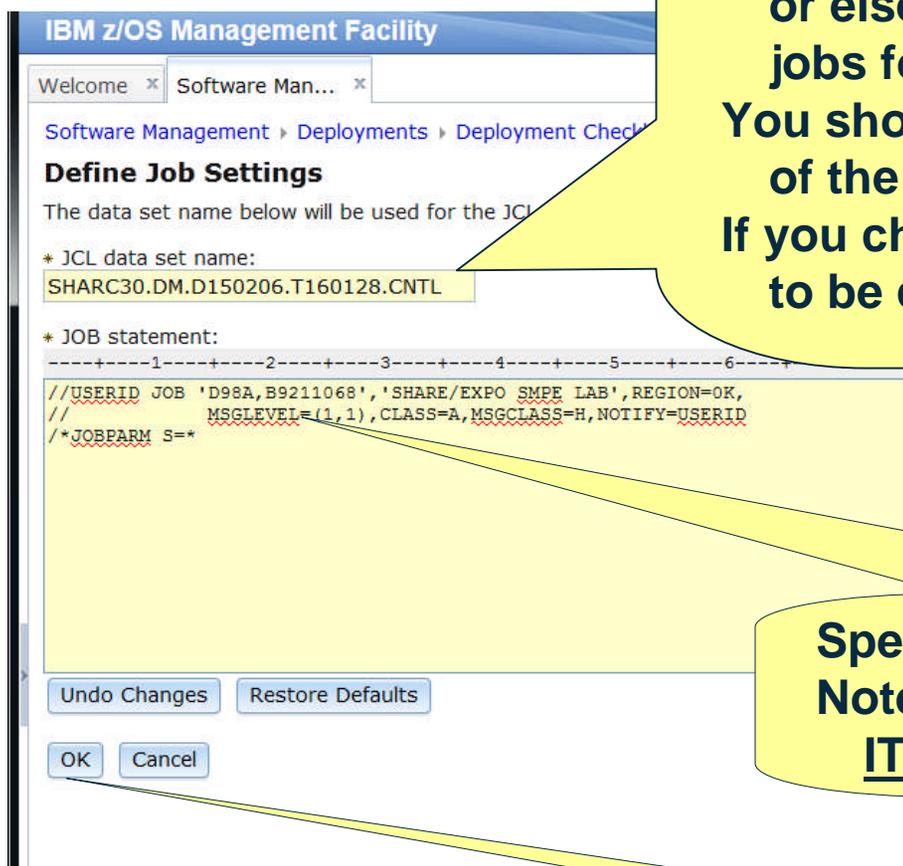


Step 6a: Define Job Settings ...

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
If you change the data set name it does not have to be case sensitive

Specify JOB card information
Note: If you change the JOB card information IT IS case sensitive

Then click OK



The screenshot shows the 'Define Job Settings' dialog box in the IBM z/OS Management Facility. The title bar reads 'IBM z/OS Management Facility'. Below the title bar, there are tabs for 'Welcome' and 'Software Man...'. The main content area is titled 'Define Job Settings' and contains the following text:

Software Management > Deployments > Deployment Check
Define Job Settings
The data set name below will be used for the JCL

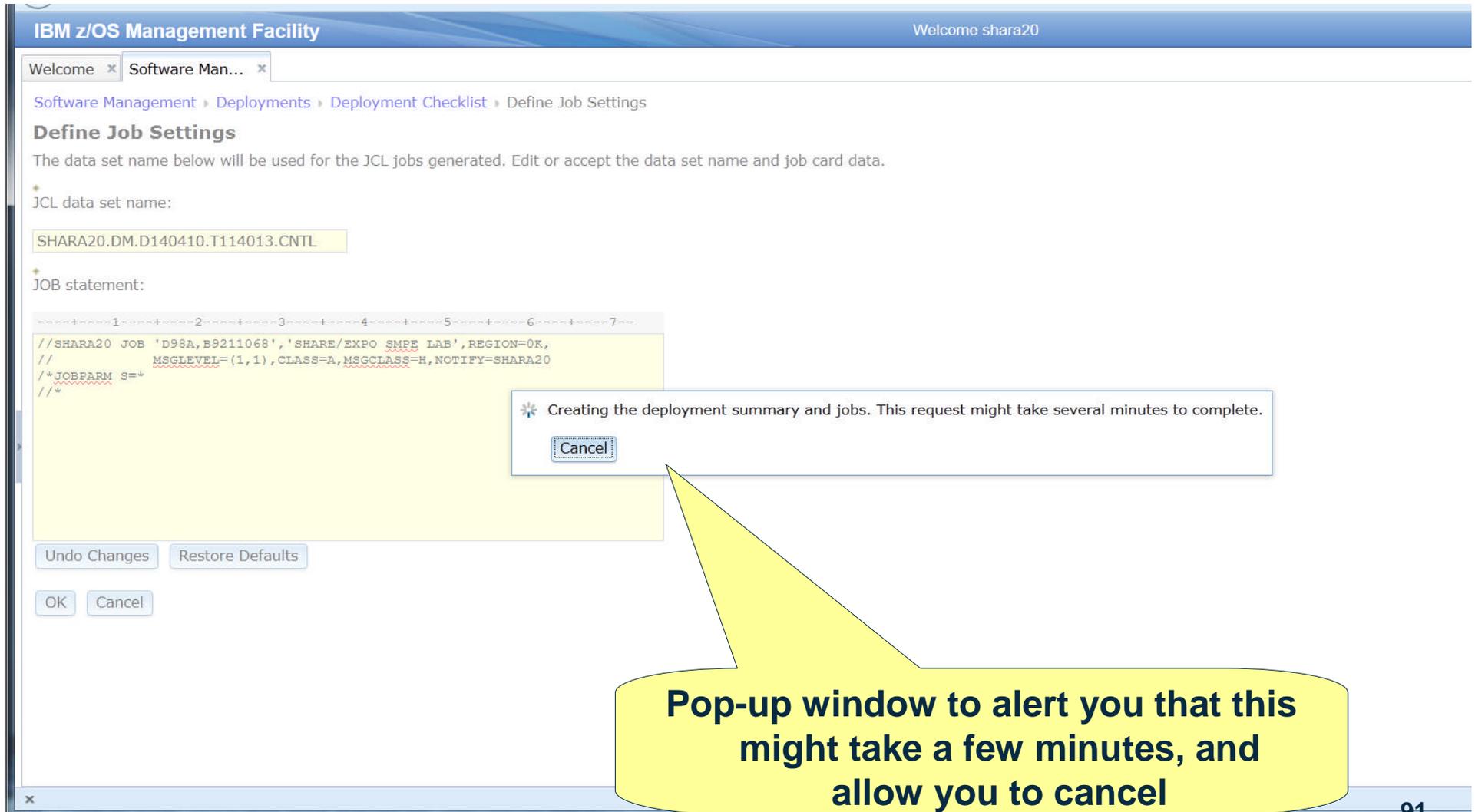
* JCL data set name:
SHARC30.DM.D150206.T160128.CNTL

* JOB statement:
-----1-----2-----3-----4-----5-----6-----
//USERID JOB 'D98A,B9211068', 'SHARE/EXPO SMPE LAB', REGION=OK,
// MSGLEVEL=(1,1), CLASS=A, MSGCLASS=H, NOTIFY=USERID
/*JOBPARM S=*

At the bottom of the dialog box, there are buttons for 'Undo Changes', 'Restore Defaults', 'OK', and 'Cancel'.

Complete your session evaluations online

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=0K,
//          MSGLEVEL=(1,1),CLASS=A,MSGCLASS=H,NOTIFY=SHARA20
/*JOBPARM S=*
//*
```

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

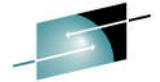
Cancel

Undo Changes Restore Defaults

OK Cancel

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

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.

IBM z/OS Management Facility Welcome sharc30

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. |
| ⇒ | 7. Submit deployment jobs. |
| | 8. Specify the properties for the target 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

Welcome x Software Man... x

Software Management > Dep

View Deployment Summary

Review the changes that will

Source software instance:

Target system:

Deployment objective: Create new software

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

Global Zone CSI:
ZOSMF.SWDEPLOY.SHARC30.GLOBAL.CSI on system LOCAL

Zones to Add

| Zone Name | Data Set Name | Zone Type |
|-----------|---|-----------|
| TSMP36N | ZOSMF.SWDEPLOY.SHARC30.TARGET.SMPE36P.CSI | TARGET |

OK

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

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

IBM z/OS Management
Welcome x Software Man...
Software Management > Depl
View Deployment Summary
Review the changes that will occur...

Source software instance: MASTER_SMPEV3.6_WITH...
Target system: LOCAL
Deployment objective: Create new software, 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

Volumes

| Volume | Initialize Volume | Data Sets to Delete | Data Sets to Add | Data Sets to Replace |
|--------|-------------------|---------------------|------------------|----------------------|
| SHRESB | | | Yes | |
| SHRESA | | | Yes | |

OK

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

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

A screenshot of the IBM z/OS Management Center interface. The main window is titled "Data Sets to Delete" and shows a table with columns for "Name" and "Volume". The table is empty, and a message "There is no data to display." is centered below it. The interface includes a navigation bar at the top with tabs for "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", and "Catalog Entries To Update". The "Data Sets to Delete" tab is currently selected. On the left side, there is a sidebar with "View Deployment Summary" and other options. At the bottom, there is a "Total: 0" label and an "OK" button. A blue callout box with a pointer to the "OK" button contains the text "Don't click OK until you've opened all the tabs above".

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

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



Results displayed – Data Sets 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 Sets being added
3. Click Data Sets to Replace to advance

IBM z/OS Management Facility

Welcome x Software Man... x

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_SMPEV3.6_WITH_PTFSP...
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.SMPE36P.SMPLOG | SHRESA | |
| SMPE36P.SWDEPLOY.TARGET.SMPE36P.SMPLOG | SHRESA | |

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

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 data sets to be replaced
3. Click Catalogs to advance

The screenshot shows the IBM z/OS Management Facility interface. The main window is titled "View Deployment Summary" and displays the following information:

- Source software instance: MASTER_S...
- Target system: LOCAL
- Deployment objective: Create new software instance, create new global...

The interface includes a navigation bar with tabs: SMP/E Zones, Volumes, Data Sets to Delete, Data Sets to Add, Data Sets to Replace (selected), Catalogs, Catalog Aliases, Catalog Entries To Delete, Catalog Entries To Add, and Catalog Entries To Update.

Under the "Data Sets to Replace" tab, there is a table with the following columns: Current Data Set Name, Current Volume, New Data Set Name, New Volume, and New Storage Class. Each column has a "Filter" link below it. The table is currently empty, and a message "There is no data to display." is shown below the table.

At the bottom of the window, there is a "Total: 0" label and an "OK" button. A blue callout box points to the "OK" button with the text: "Don't click OK until you've opened all the tabs above".

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

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Deployments > D

View Deployment Summary

Review the changes that will occur on the t

Source software instance: MASTER_SMPEV3.6_WITTS
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

Catalogs

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

OK

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

en-US

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

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Deployments > Deployment Summary

View Deployment Summary

Review the changes that will occur on the target system.

Source software instance: MASTER_SMPEV3.6_W...
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

New Alias Entries

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

OK

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

Step 6b.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

The screenshot shows the IBM z/OS Management Facility interface. The main window title is "IBM z/OS Management Facility". The breadcrumb trail is "Welcome > Software Man... > Software Management > Deployment". The current view is "View Deployment Summary". Below the title, there is a summary of the deployment: "Review the changes that will occur on...", "Source software instance: MASTER", "Target system: LOCAL", and "Deployment objective: Create new software instance, Create new global zone".

The interface has several tabs: "SMP/E Zones", "Volumes", "Data Sets to Delete", "Data Sets to Add", "Data Sets to Replace", "Catalogs", "Catalog Aliases", "Catalog Entries To Delete" (which is selected), "Catalog Entries To Add", and "Catalog Entries To Update".

Under the "Catalog Entries To Delete" tab, there is a section titled "Catalog Entries". It includes a dropdown menu for "Actions" and three filter fields: "Data Set Name Filter", "Catalog Filter", and "Current Catalog Entry Volumes Filter". Below these filters, the text "There is no data to display." is shown.

At the bottom left, there is a "Total: 0" label and an "OK" button. A blue callout box points to the "OK" button with the text "Don't click OK until you've opened all the tabs above".

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

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Deployments > View Deployment Summary

Review the changes that will occur on the target system.

Source software instance: MASTER_SMP
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

Actions ▾

| Data Set Name Filter | Catalog Filter | Catalog Entry Volume Filter | Data Set Volume Filter | Data Set Storage Class Filter |
|---|----------------|-----------------------------|------------------------|-------------------------------|
| ZOSMF.SWDEPLOY.SHARC30.GLOBAL.CSI | UCAT.SHPROD | SHRESB | SHRESB | |
| ZOSMF.SWDEPLOY.SHARC30.SMPE36P.ZFS | UCAT.SHPROD | SHRESB | SHRESB | |
| ZOSMF.SWDEPLOY.SHARC30.TARGET.SMPE36P.CSI | UCAT.SHPROD | SHRESB | SHRESB | |

Total: 3

OK

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

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



Results displayed – Catalog Entries to Update

IBM z/OS Management Facility Welcome shara20

Welcome x Software Man... x

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_PTFS 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

Actions ▾

| 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

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

Now it is OK to click OK

Step 7: ~~Submit~~ 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 sharc30

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. • 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. |
| ⇒ | 7. <u>Submit deployment jobs.</u> |
| | 8. Specify the properties for the target software instance. |

Close

**Follow the checklist,
Click on Submit deployment jobs**

Complete your session evaluations online at www.SHARE.org/Seattle-Eval

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in Seattle 2015

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Step 7a: View 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.

IBM z/OS Management Center

Welcome x Softw

Subm

R

JCL data

Ta

Jobs

Actions

| Sequence Filter | JCL Data Set Member Name Filter | Description [More Less] Filter | System Filter | Status Filter | Messages Filter | Job Name Filter | Job ID Filter | Return Code Filter | Job Class Filter |
|----------------------------|---------------------------------------|---|------------------|------------------|--------------------|--------------------|------------------|--------------------------|---------------------|
| <input type="checkbox"/> 1 | IZUD01CP | Copy Data Sets: Copy the source software instance data sets to [More] | LOCAL | | | | | | |
| <input type="checkbox"/> 2 | IZUD02RN | Rename Data Sets: Rename the target software instance data [More] | LOCAL | | | | | | |
| <input type="checkbox"/> 3 | IZUD03UC | Update CSI Data Sets: Update the entries within the SMP/E CSI [More] | LOCAL | | | | | | |

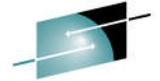
Total: 3, Selected: 0

Refresh Last refresh: Feb 6, 2015, 4:06:34 PM local time (Feb 6, 2015, 9:06:34 PM GMT)

Close

**** This is new function available on z/OSMF V2.1 with PTF UI90005 and its requisite PTFs**

Step 7a: View Deployment Jobs ...



IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Deployments > Deployment Check

Submit Deployment Jobs

Review the jobs created for this deployment, and submit the jobs.

JCL data set name: SHARC30.DM.D150206.T160128.CNTL
Target system: LOCAL

Jobs

Actions

- View
- Submit Job
- Purge...
- Cancel...
- Override Complete
- Select All
- Deselect All
- Configure Columns...
- Modify Filters...
- Hide Filter Row
- Clear Filters
- Modify Sort...
- Clear Sorts

JCL Job Output [More | Less]

| | | System Filter | Status Filter | Messages Filter | Job Name Filter | Job ID Filter | Return Code Filter | Job Class Filter |
|-------------------------------------|---|---|---------------|-----------------|-----------------|---------------|--------------------|------------------|
| <input checked="" type="checkbox"/> | 1 | Copy Data Sets: Copy the source software instance data sets to LOCAL [More] | | | | | | |
| <input type="checkbox"/> | 2 | Rename Data Sets: Rename the target software instance data LOCAL [More] | | | | | | |
| <input type="checkbox"/> | 3 | Update CSI Data Sets: Update the entries within the SMP/E CSI LOCAL [More] | | | | | | |

Total: 3, Selected: 1

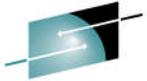
Refresh Last refresh: Feb 6, 2015, 4:06:34 PM local time (Feb 6, 2015, 9:06:34 PM GMT)

Close

1. Select the first job
2. Click on Actions, View and then JCL
3. Do NOT submit the job

Unfortunately, you will NOT be able to run the deployment jobs due to DASD space restrictions on the SHARE LPAR.





Step 7a: View Deployment Jobs ...

The JCL is displayed. You can use the scroll bar to see the entire job.

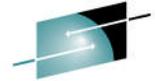
The screenshot shows a web-based interface for software management. The breadcrumb trail is: **Software Management** > **Deployment** > **Submit Deployment Jobs** > **View JCL**. The main content area is titled **View JCL** and displays the following information:

Job Member Name: IZUD01CP
System: LOCAL

```
//IZUD01CP JOB 'D98A,B9211068','SHARE/EXPO SMPE LAB',REGION=OK,  
//          MSGLEVEL=(1,1),CLASS=A,MSGCLASS=H,NOTIFY=USERID  
/*JOBPARM S=*  
*****  
/* This job was generated by z/OSMF on  
/* Fri, 6 Feb 2015 21:03:42 GMT  
*****  
/*  
*****  
/* This job copies the source software instance to the target *  
/* data sets. This job will delete previously allocated target *  
/* data sets (if job was previously run). It will then copy *  
/* the identified source data sets into the target locations. *  
/*  
/* NOTE: A temporary low level qualifier is appended to all *  
/* non-VSAM or zFS target data set names, and will be removed *  
/* in a subsequent Software Deployment job. *  
/*  
*****  
/*  
*****  
/* This step deletes uncataloged target data sets to ensure the *  
/* job may be rerun. Expect RC=8 if the target data sets do not *  
/* exist. *  
*****
```

A yellow callout bubble points to the **Close** button at the bottom left of the window, containing the text: **Review the JCL, then click Close**.

Step 7b: Mark the Deployment Jobs Complete



In order to complete the lab exercise, you will now mark that the 3 jobs have been completed.

1. Select ALL 3 jobs
2. Click on Actions, then Override Complete

Welcome x Software Man... x

Software Management > Deployments > Deployment Checklist > Submit Deployment Jobs

Submit Deployment Jobs

Review the jobs created for this deployment

JCL data set name: SHARC30.DM.D1502
Target system: LOCAL

Jobs

| | Actions | Description [Filter] | System [Filter] | Status [Filter] | Messages [Filter] | Job Name [Filter] | Job ID [Filter] | Return Code [Filter] | Job Class [Filter] |
|-------------------------------------|----------------------|---|-----------------|-----------------|-------------------|-------------------|-----------------|----------------------|--------------------|
| <input checked="" type="checkbox"/> | View | Copy Data Sets: Copy the source software instance data sets to [More] | LOCAL | | | | | | |
| <input checked="" type="checkbox"/> | Submit Job | Rename Data Sets: Rename the target software instance data [More] | LOCAL | | | | | | |
| <input checked="" type="checkbox"/> | Purge... | Update CSI Data Sets: Update the entries within the SMP/E CSI [More] | LOCAL | | | | | | |
| | Cancel... | | | | | | | | |
| | Override Complete | | | | | | | | |
| | Select All | | | | | | | | |
| | Deselect All | | | | | | | | |
| | Configure Columns... | | | | | | | | |
| | Modify Filters... | | | | | | | | |
| | Hide Filter Row | | | | | | | | |
| | Clear Filters | | | | | | | | |
| | Modify Sort... | | | | | | | | |
| | Clear Sorts | | | | | | | | |

Total: 3, Selected: 3

Refresh Last refresh: Feb 6, 2015, 4:06:34 PM local time (Feb 6, 2015, 9:06:34 PM GMT)

Close

Step 7b: Mark the Deployment Jobs Complete ...



IBM z/OS Management Facility Welcome sharc30

Welcome x Software Man... x

Software Management > Deployments > Deployment Checklist > Submit Deployment Jobs

Submit Deployment Jobs

Review the jobs created for this deployment, and submit the jobs in sequential order. When all the jobs are complete, click **Close** to proceed to the next step in the deployment checklist.

JCL data set name: SHARC30.DM.D150206.T160128.CNTL
Target system: LOCAL

Jobs

| Sequence Filter | JCL Data Set Member Name Filter | Description [More Less] Filter | System Filter | Status Filter | Messages Filter | Job Name Filter | Job ID Filter | Return Code Filter | Job Class Filter |
|-------------------------------------|---------------------------------------|-------------------------------------|--|------------------|--------------------|--------------------|------------------|--------------------------|---------------------|
| <input checked="" type="checkbox"/> | 1 | IZUD01CP | Copy Data Sets: Copy the source software instance data sets to LOCAL | | | | | | |
| <input checked="" type="checkbox"/> | 2 | IZUD02RN | Rename Data Sets: Rename the target software instance data | | | | | | |
| <input checked="" type="checkbox"/> | 3 | IZUD03UC | Update CSI Data Sets: Update the entries within the SMP/E CSI | | | | | | |

Warning

IZUD785W
You are about to override the completion for one or more jobs. The selected jobs may or may not have been submitted, thus you may be bypassing one or more deployment actions. Do you want to continue?

OK Cancel

Total: 3, Selected: 3

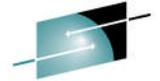
Refresh Last refresh: Feb 6, 2015, 4:06:34 PM local time (Feb 6, 2015, 9:06:34 PM GMT)

Close

Pop-up window to confirm that you want to override the completion for one or more jobs. Click OK to confirm.



Step 7b: Mark the Deployment Jobs Complete ...



The jobs have been marked Complete (Override).

IBM z/OS Man

Welcome

Software Management > Deployments > Deployment Checklist > Submit Deployment

Submit Deployment Jobs

Review the jobs created for this deployment, and submit the jobs in sequential order. When all the jobs are complete, click **Close** to proceed to the next step in the deployment checklist.

JCL data set name: SHARC30.DM.D150206.T160128.CNTL

Target system: LOCAL

Jobs

| Sequence Filter | JCL Data Set Member Name Filter | Description [More Less] Filter | System Filter | Status Filter | Messages Filter | Job Name Filter | Job ID Filter | Return Code Filter | Job Class Filter |
|--------------------------|---------------------------------------|-------------------------------------|--|------------------|---|--------------------|------------------|--------------------------|---------------------|
| <input type="checkbox"/> | 1 | IZUD01CP | Copy Data Sets: Copy the source software instance data sets to [More] | LOCAL | <input checked="" type="checkbox"/> Complete (Override) | | | | |
| <input type="checkbox"/> | 2 | IZUD02RN | Rename Data Sets: Rename the target software instance data [More] | LOCAL | <input checked="" type="checkbox"/> Complete (Override) | | | | |
| <input type="checkbox"/> | 3 | IZUD03UC | Update CSI Data Sets: Update the entries within the SMP/E CSI [More] | LOCAL | <input checked="" type="checkbox"/> Complete (Override) | | | | |

Total: 3, Selected: 0

Last refresh: Feb 6, 2015, 4:06:34 PM local

Review updated status, then click Close

Step 8: Complete the deployment

Step 8: Specify Properties for the Target Software Instance



IBM z/OS Management Facility Welcome sharc30

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. |
| ✓ | 7. Submit deployment jobs. |
| ➔ | 8. Specify the properties for the target software instance. |

Close

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

Step 8: 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

Welcome x Software Man... x ISPF x

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

Actions ▾

| Name | Description | Activity | Last Modified (Local) | Modified By | Locked (Local) | Locke |
|--------|-------------|----------|-----------------------|-------------|----------------|--------|
| Filter | Filter | Filter | Filter | Filter | Filter | Filter |

There is no data to display.

Total: 0, Selected: 0

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

Step 8: Specify Properties for the Target Software Instance ...



Edit the target software instance name:

- Use your User ID (e.g., SHARxnn)
- Change “SMPEV3.6” to “SMPEV3R6”
- Use underscore (“_”) instead of blanks e.g.,
 - SHARC30_SMPEV3R6_WITH_PTFS_1
- Optionally, update the description

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Deployments > Deployment Checklist > Specify

Specify Target Software Instance Properties

* Target software instance 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

Actions ▾

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

There is no data to display.

SHARC30_SMPEV3R6_WITH_PTFS_1 (your target software instance) was copied from the MASTER_SMPEV3.6_WITH_PTFS software instance. SHARC30 has completed the Software Deployment Lab successfully!!!

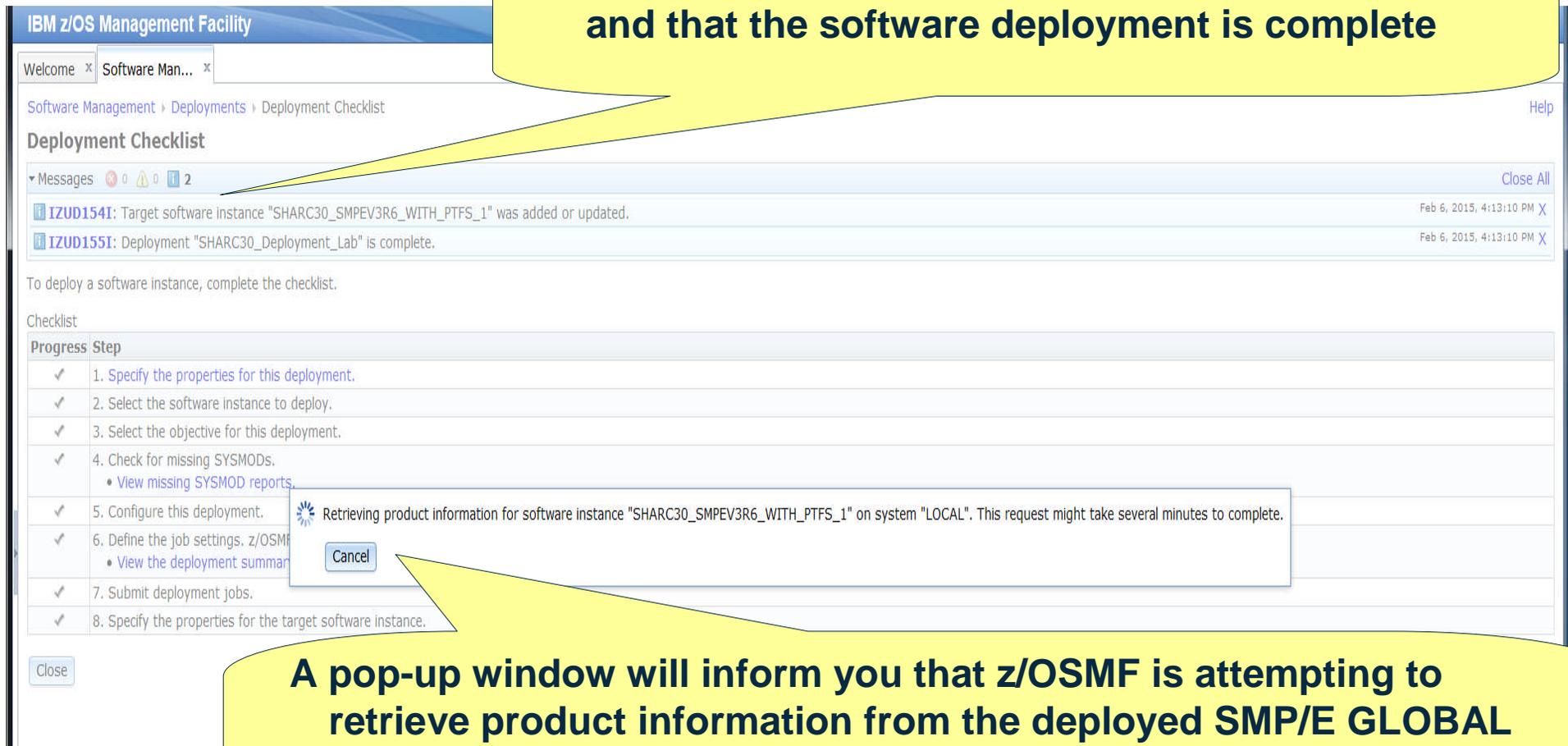
Total: 0, Selected: 0

Last refresh: Feb 6, 2015, 4:10:56 PM local time (Feb 6, 2015, 9:10:56 PM GMT)

Once the changes have been made, click OK

Step 8: Specify Properties for the Target Software Instance ...

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



The screenshot shows the IBM z/OS Management Facility interface. At the top, there's a blue header with 'IBM z/OS Management Facility'. Below it, a breadcrumb trail reads 'Software Management > Deployments > Deployment Checklist'. A 'Messages' section shows two messages: 'IZUD154I: Target software instance "SHARC30_SMPEV3R6_WITH_PTFS_1" was added or updated.' and 'IZUD155I: Deployment "SHARC30_Deployment_Lab" is complete.' Below the messages is a checklist with 8 steps, all marked as complete. A pop-up window is overlaid on step 5, displaying a progress indicator and the text: 'Retrieving product information for software instance "SHARC30_SMPEV3R6_WITH_PTFS_1" on system "LOCAL". This request might take several minutes to complete.' with a 'Cancel' button.

IBM z/OS Management Facility

Welcome x Software Man... x

Software Management > Deployments > Deployment Checklist

Deployment Checklist

Messages 0 0 0 2 Close All

IZUD154I: Target software instance "SHARC30_SMPEV3R6_WITH_PTFS_1" was added or updated. Feb 6, 2015, 4:13:10 PM X

IZUD155I: Deployment "SHARC30_Deployment_Lab" is complete. Feb 6, 2015, 4:13:10 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. Check for missing SYSMODs. • View missing SYSMOD reports. |
| ✓ | 5. Configure this deployment. Retrieving product information for software instance "SHARC30_SMPEV3R6_WITH_PTFS_1" on system "LOCAL". This request might take several minutes to complete. |
| ✓ | 6. Define the job settings. z/OSMF • View the deployment summary. |
| ✓ | 7. Submit deployment jobs. |
| ✓ | 8. Specify the properties for the target software instance. |

Cancel

Close

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.

Complete your ses

Step 8: Specify Properties for the Target Software Instance ...



IBM z/OS Management Facility Welcome sharc30 [Log out](#)

Welcome x Software Man... x

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

Deployment Checklist

▼ Messages [Close All](#)

- IZUD154I:** Target software instance "SHARC30_SMPEV3R6_WITH_PTFS_1" was added or updated. Feb 6, 2015, 4:13:10 PM X
- IZUD155I:** Deployment "SHARC30_Deployment_Lab" is complete. Feb 6, 2015, 4:13:10 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 "SHARC30_SMPEV3R6_WITH_PTFS_1" on system "LOCAL" . Error: "GIM70533E" "CSI data set ZOSMF.SWDEPLOY.SHARC30.GLOBAL.CSI for the GLOBAL zone does not exist in the catalog or the catalog can not be accessed." Feb 6, 2015, 4:13:21 PM X

To deploy a software instance, complete the checklist.

| Progress | Step |
|----------|--|
| ✓ | 1. Specify the properties for this deployment. |
| ✓ | 2. Select the software instances to deploy. |
| ✓ | 3. Review the deployment details. |
| ✓ | 4. Start the deployment. |
| ✓ | 5. Monitor the deployment progress. |
| ✓ | 6. Stop the deployment. |

[Close](#)

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.

Step 9: View the completed deployment

Complete your session evaluations online at www.SHARE.org/Seattle-Eval

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Step 9: 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.

Deployments

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

| Name Filter | Description Filter | Activity Filter | Categories Filter | Source Software Instance Filter | Source System Filter | Target Software Instance Filter | Target System Filter | Target Global Zone CSI Filter | Copy DLIBs Filter |
|--|---|--------------------|----------------------|------------------------------------|-------------------------|------------------------------------|-------------------------|-----------------------------------|-------------------------|
| <input type="checkbox"/> DEMO_Deployment_S | This is a sample deployment that may be used for demos. | Completed | | MASTER_SMPEV3.6_WITH_PTF | LOCAL | DEMO_SMPEV3.6_WITH_PTF | LOCAL | ZOSMF.SWDEPLOY.GLOBAL.CSI | |
| <input checked="" type="checkbox"/> SHARC30_Deployment | Excellent lab exercise to demonstrate how to use z/OSMF to deploy installed software!!! | Completed | | MASTER_SMPEV3.6_WITH_PTF | LOCAL | SHARC30_SMPEV3R6_WITH_PT | LOCAL | ZOSMF.SWDEPLOY.SHARC30.GLOBAL.CSI | |

Click on your deployment

- Use a filter or scroll to find it

Total: 2, Selected: 1

Refresh Last refresh: Feb 6, 2015, 4:14:40 PM local time (Feb 6, 2015, 9:14:40 PM GMT)

Close

Step 9: View the Completed Deployment ...



The details of your software deployment are displayed in multiple tabs

Click through each tab

Software Management > Deployments > View

View SHARC30_Deployment_Lab

General | Deployment Configuration | Deployment Summary | Deployment Jobs

Deployment name:

SHARC30_Deployment_Lab

Deployment description:

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

Categories:

There is no data to display.

Activity:

Completed

Source Software Instance

| Name | System | Description | Categories | Global Zone CSI | Target Zones |
|---------------------------|--------|---|------------------------------|---------------------------|--------------|
| 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. | There is no data to display. | ZOSMF.SWDEPLOY.GLOBAL.CSI | TSMP36P |

Target Software Instance

| Name | System | Description | Categories | Global Zone CSI | Target Zones |
|------------------------------|--------|---|------------------------------|-----------------------------------|--------------|
| SHARC30_SMPEV3R6_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.SHARC30.GLOBAL.CSI | TSMP36N |

Deployment objective:

Create new software instance, create new global zone

Copy the distribution zones and libraries:

No

Action Summary

Close

Scroll up and down if desired

After reviewing each of the tabs click Close

Exercise Review And Wrap-up

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Exercise Review and Wrap-Up



You now know how to:

- Logon to z/OSMF and invoke software management
- Use z/OSMF to:
 1. Define a software deployment
 2. Identify the software instance to be deployed
 3. Define objectives for a deployment
 4. Check for missing requisites and possible regressions for the software being deployed
 5. Configure a deployment
 - Changing SMP/E zone names
 - Changing some data set names
 - Changing path names for mountpoints
 6. View the Deployment Summary
 - Resolve warning messages for over allocated target volumes
 7. View, Submit (or in our case mark complete) the deployment jobs
 8. Specify properties for the target software instance
 9. View the completed deployment

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Thank You



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Additional information

- **z/OS Management Facility website**
 - <http://www-03.ibm.com/systems/z/os/zos/features/zosmf/index.html>
- **IBM z/OS Management Facility Browser Compatibility**
 - http://www-03.ibm.com/systems/z/os/zos/features/zosmf/browser_notes.html
- **z/OS Management Facility Publications**
 - <http://www-03.ibm.com/systems/z/os/zos/features/zosmf/moreinfo/>
 - 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)
- **z/OS Management Facility Resource Requirements**
 - <http://www-03.ibm.com/support/techdocs/atmastr.nsf/WebIndex/WP101779>
- **z/OS Management Facility Downloads**
 - <http://www-03.ibm.com/systems/z/os/zos/features/zosmf/downloads/>

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