z/OSMF Software Deployment Hands On Lab

z/OSMF Hands-On Labs - Choose Your Own – I, II, III
Estimated Lab Time: 45 minutes

Greg Daynes (gdaynes@us.ibm.com)
IBM Corporation

August 6-8, 2014
Session Numbers: 15814, 15815, 15604

www.SHARE.org

#SHAREorg

© Copyright IBM Corporation 2014

Trademarks

The following are trademarks of the International Business Machines Corporation in the United States and/or other countries.

IBM*
IBM (logo)
RACF*
ServerPac*
WebSphere*
z/OS*

* Registered trademarks of IBM Corporation

The following are trademarks or registered trademarks of other companies.

Adobe, the Adobe logo, PostScript, and the PostScript logo are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States, and/or other countries.
Firefox is a trademark of Mozilla Foundation
Cell Broadband Engine is a trademark of Sony Computer Entertainment, Inc. in the United States, other countries, or both and is used under license there from.
Java and all Java-based trademarks are trademarks of Sun Microsystems, Inc. in the United States, other countries, or both.
Microsoft, Windows, Windows NT, and the Windows logo are trademarks of Microsoft Corporation in the United States, other countries, or both.
Internet Explorer is a trademark of Microsoft Corp
InfiniBand is a trademark and service mark of the InfiniBand Trade Association.
Intel, Intel logo, Intel Inside, Intel Inside logo, Intel Centrino, Intel Centrino logo, Celeron, Intel Xeon, Intel SpeedStep, Itanium, and Pentium are trademarks or registered trademarks of Intel Corporation or its subsidiaries in the United States and other countries.
UNIX is a registered trademark of The Open Group in the United States and other countries.
Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.
ITIL is a registered trademark, and a registered community trademark of the Office of Government Commerce, and is registered in the U.S. Patent and Trademark Office.
IT Infrastructure Library is a registered trademark of the Central Computer and Telecommunications Agency, which is now part of the Office of Government Commerce.
* All other products may be trademarks or registered trademarks of their respective companies.

Notes:

Performance is in Internal Throughput Rate (ITR) ratio based on measurements and projections using standard IBM benchmarks in a controlled environment. The actual throughput that any user will experience will vary depending upon considerations such as the amount of multiprogramming in the user's job stream, the I/O configuration, the storage configuration, and the workload processed. Therefore, no assurance can be given that an individual user will achieve throughput improvements equivalent to the performance ratios stated here.

IBM hardware products are manufactured from new parts, or new and serviceable used parts. Regardless, our warranty terms apply.

All customer examples cited or described in this presentation are presented as illustrations of the manner in which some customers have used IBM products and the results they may have achieved. Actual environmental costs and performance characteristics will vary depending on individual customer configurations and conditions.

This publication was produced in the United States. IBM may not offer the products, services or features discussed in this document in other countries, and the information may be subject to change without notice. Consult your local IBM business contact for information on the product or services available in your area.

All statements regarding IBM's future direction and intent are subject to change or withdrawal without notice, and represent goals and objectives only.

Information about non-IBM products is obtained from the manufacturers of those products or their published announcements. IBM has not tested those products and cannot confirm the performance, compatibility, or any other claims related to non-IBM products. Questions on the capabilities of non-IBM products should be addressed to the suppliers of those products.

Prices subject to change without notice. Contact your IBM representative or Business Partner for the most current pricing in your geography.

See url http://www.ibm.com/legal/copytrade.shtml for a list of IBM trademarks.

© Copyright IBM Corporation 2014

Agenda

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

© Copyright IBM Corporation 2014

Lab Objectives and Hints and Tips

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

Hints and Tips

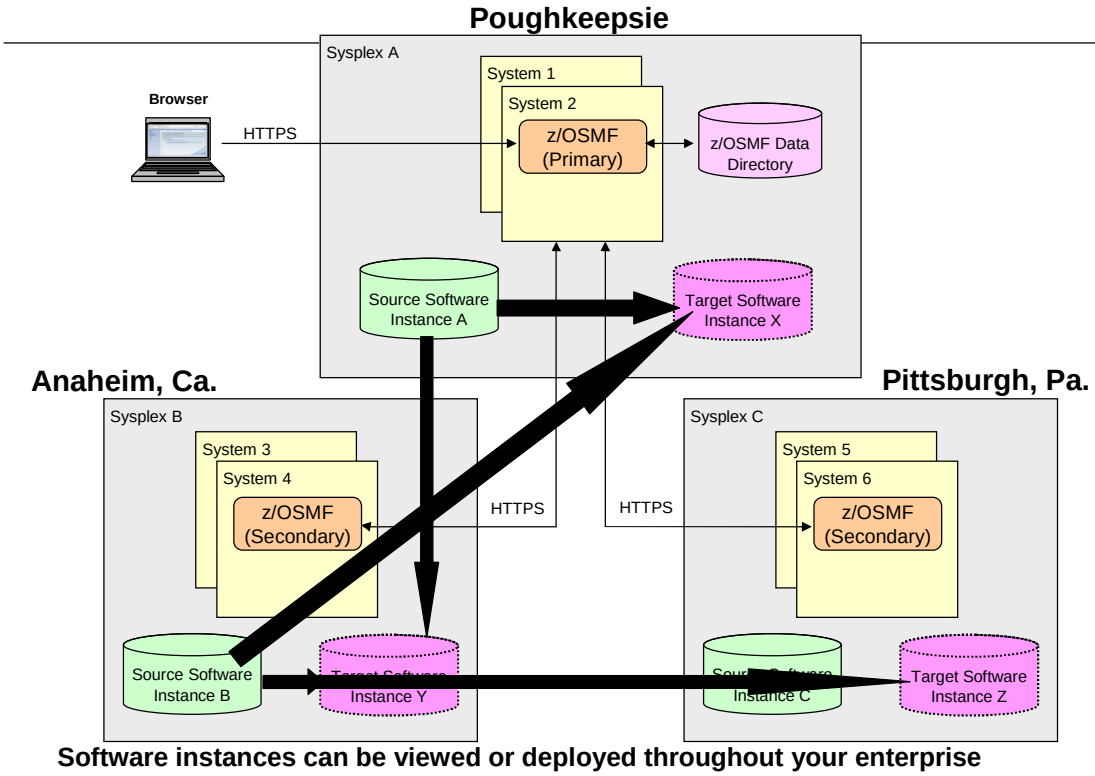
- At any time you can use the Help facilities by clicking on the link in the upper right hand corner of the screen
- You are encouraged to follow the instructions provided, but you can use the new views and reports on any defined software instance
  - Please note that the closer you follow the instructions,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

© Copyright IBM Corporation 2014

Software Deployment

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

© Copyright IBM Corporation 2014



Software instances can be viewed or deployed throughout your enterprise

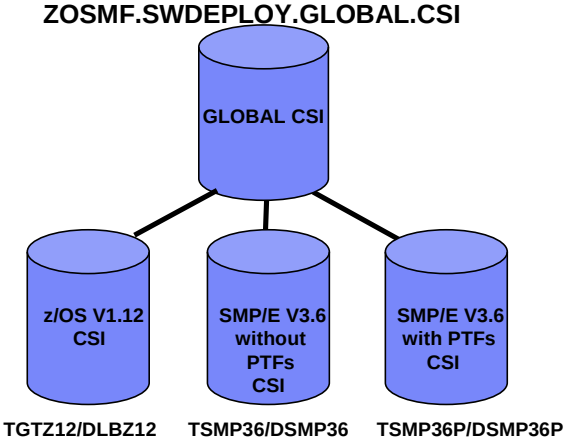
© Copyright IBM Corporation 2014

Lab SMP/E Environment

Four (4) “Master” Software Instances

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

ZOSMF.SWDEPLOY.GLOBAL.CSI



SMLAB01.GLOBAL.CSI

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

© Copyright IBM Corporation 2014

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

© Copyright IBM Corporation 2014

Step 0a: Log in to z/OSMF

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

© Copyright IBM Corporation 2014

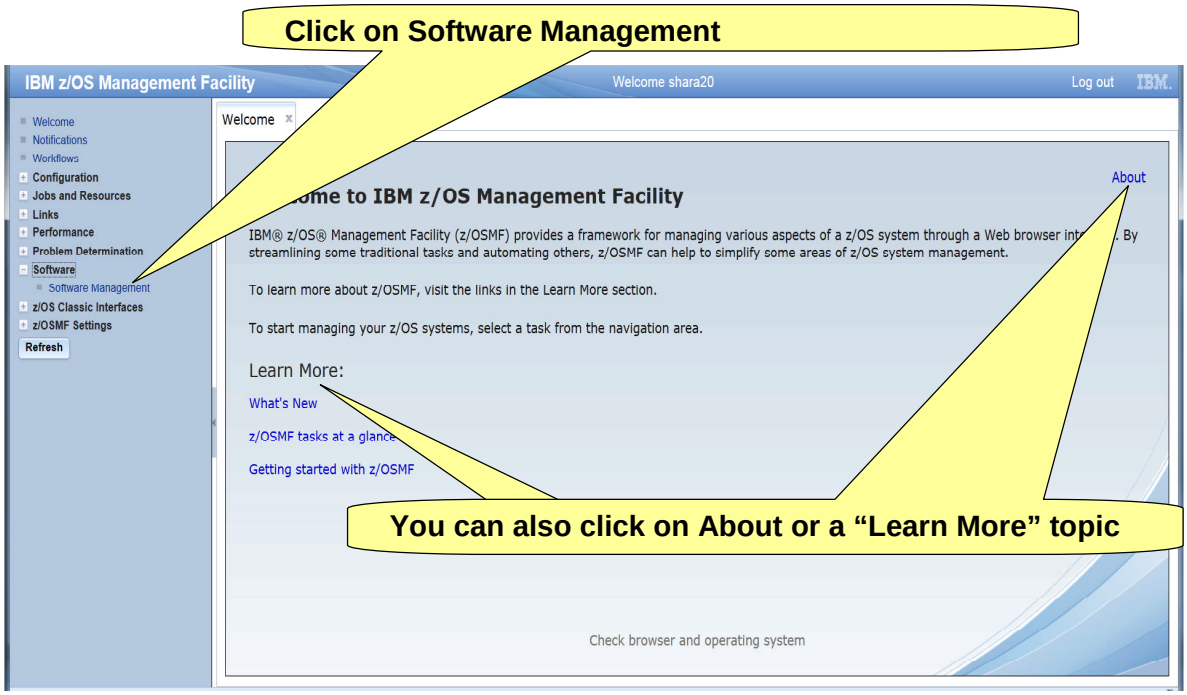
Step 0a: Log in to z/OSMF …

© Copyright IBM Corporation 2014

Step 0b: Invoke Software Management

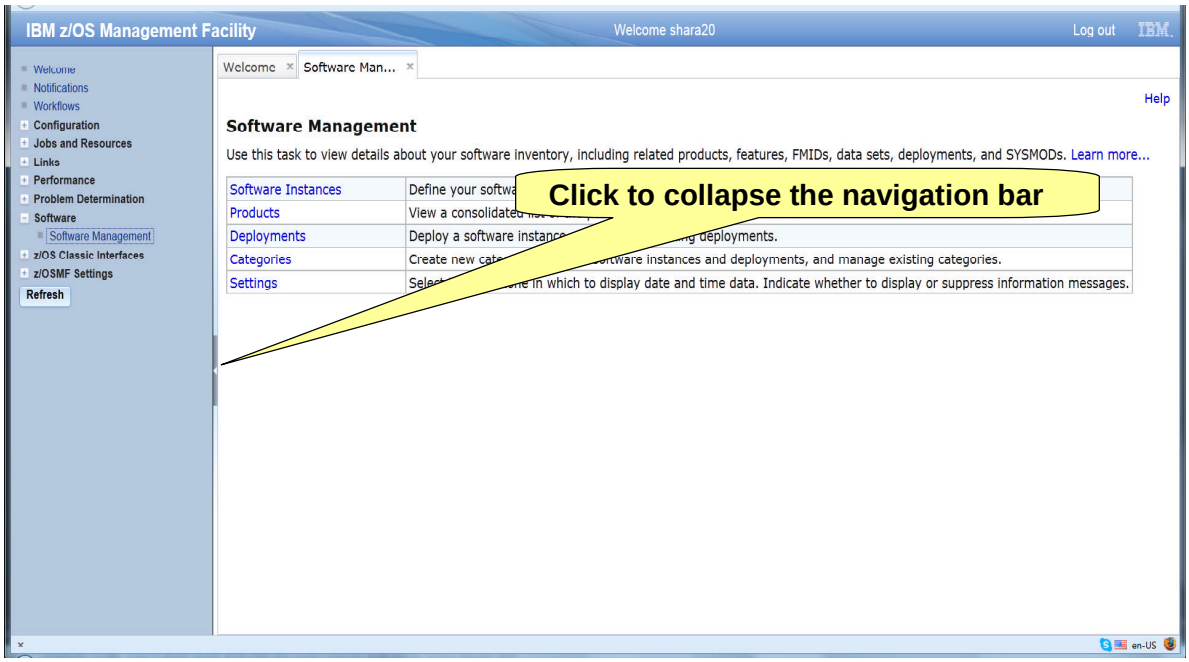
© Copyright IBM Corporation 2014

Step 0b: Invoke Software Management …



© Copyright IBM Corporation 2014

Step 0c: Collapse the Navigation Bar

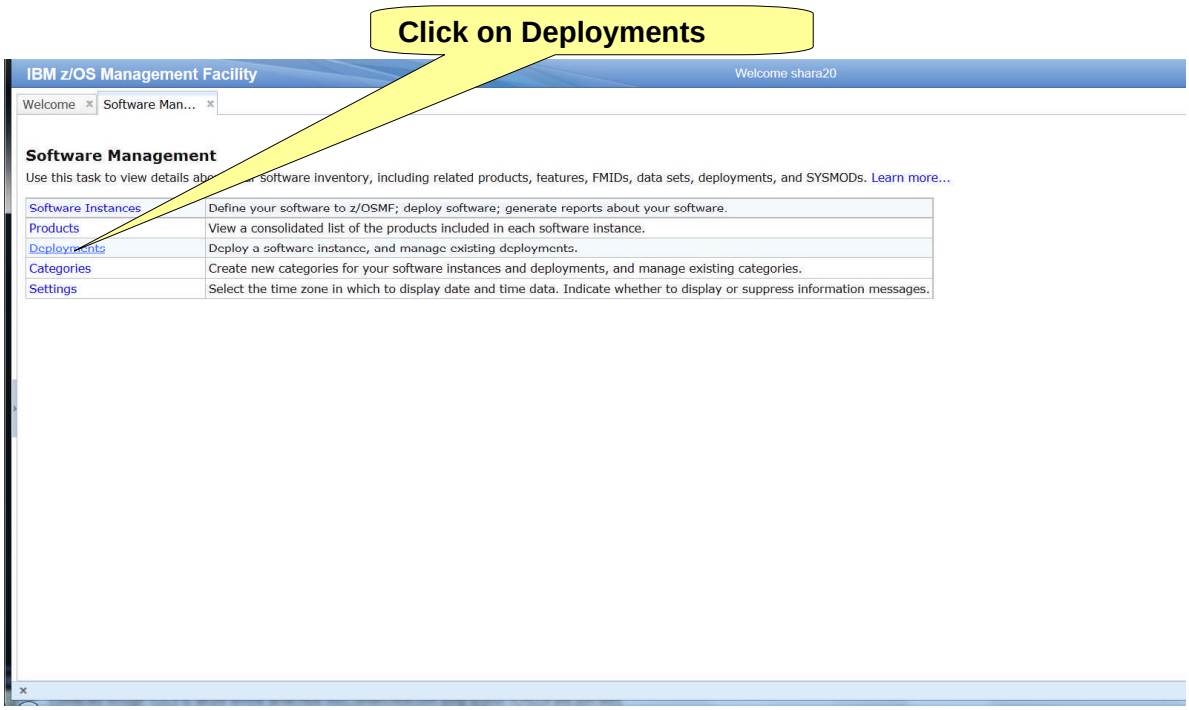


© Copyright IBM Corporation 2014

Step 1: Specify the Properties for this Deployment

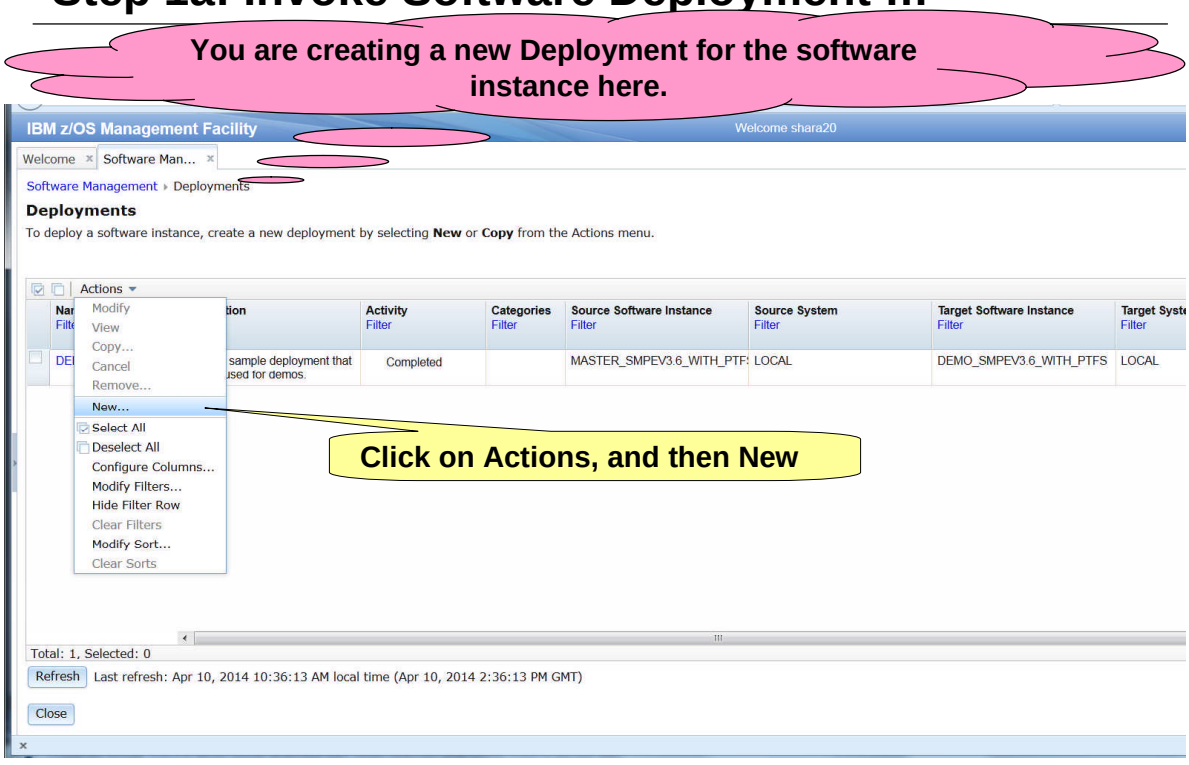
© Copyright IBM Corporation 2014

Step 1a: Invoke Software Deployment



© Copyright IBM Corporation 2014

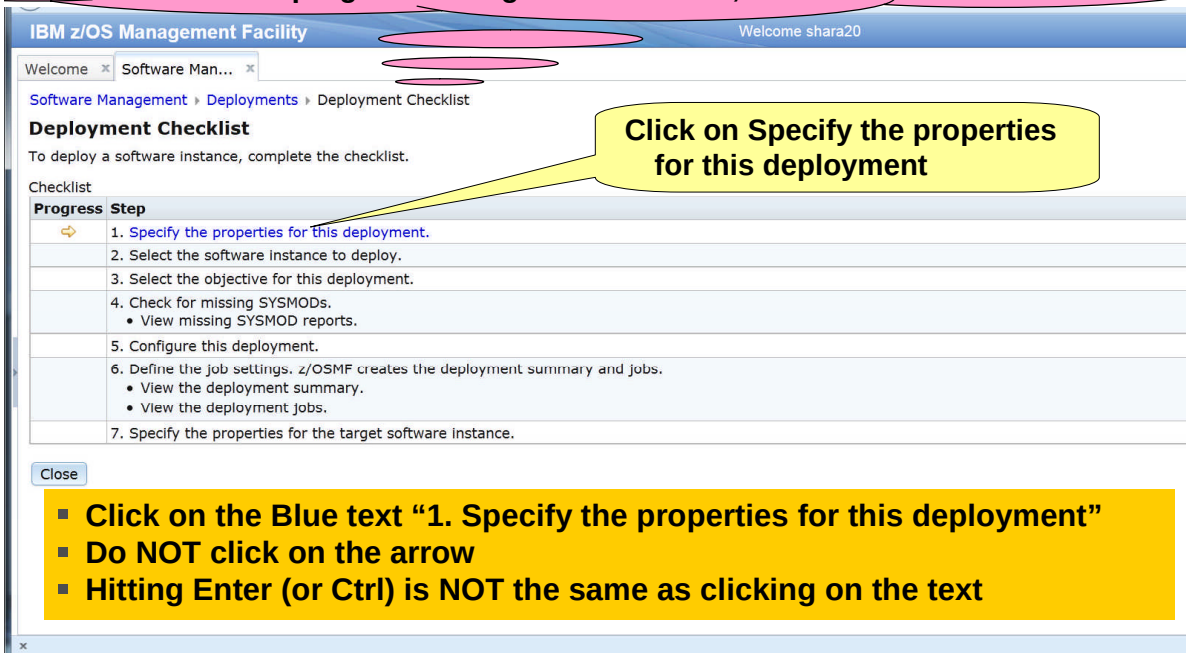
Step 1a: Invoke Software Deployment ...



© Copyright IBM Corporation 2014

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.

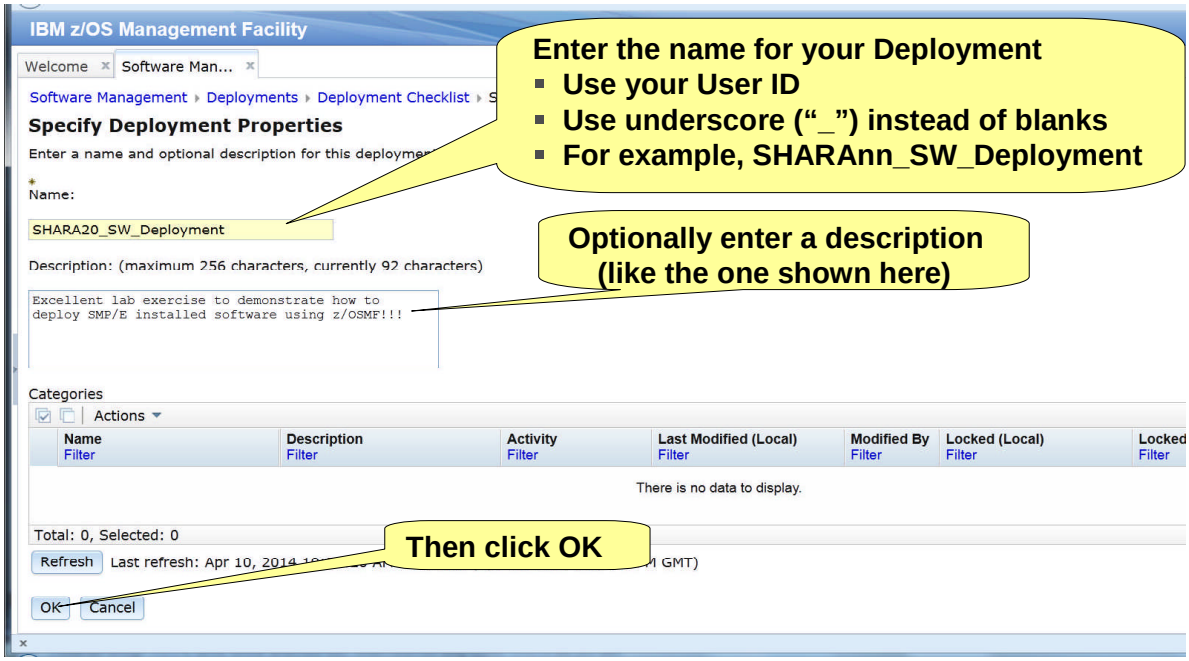


Click on Specify the properties for this deployment

- **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**

© Copyright IBM Corporation 2014

Step 1c: Specify Deployment Properties



Enter the name for your Deployment

- **Use your User ID**
- **Use underscore ("_") instead of blanks**
- **For example, SHARAnn_SW_Deployment**

Optionally enter a description (like the one shown here)

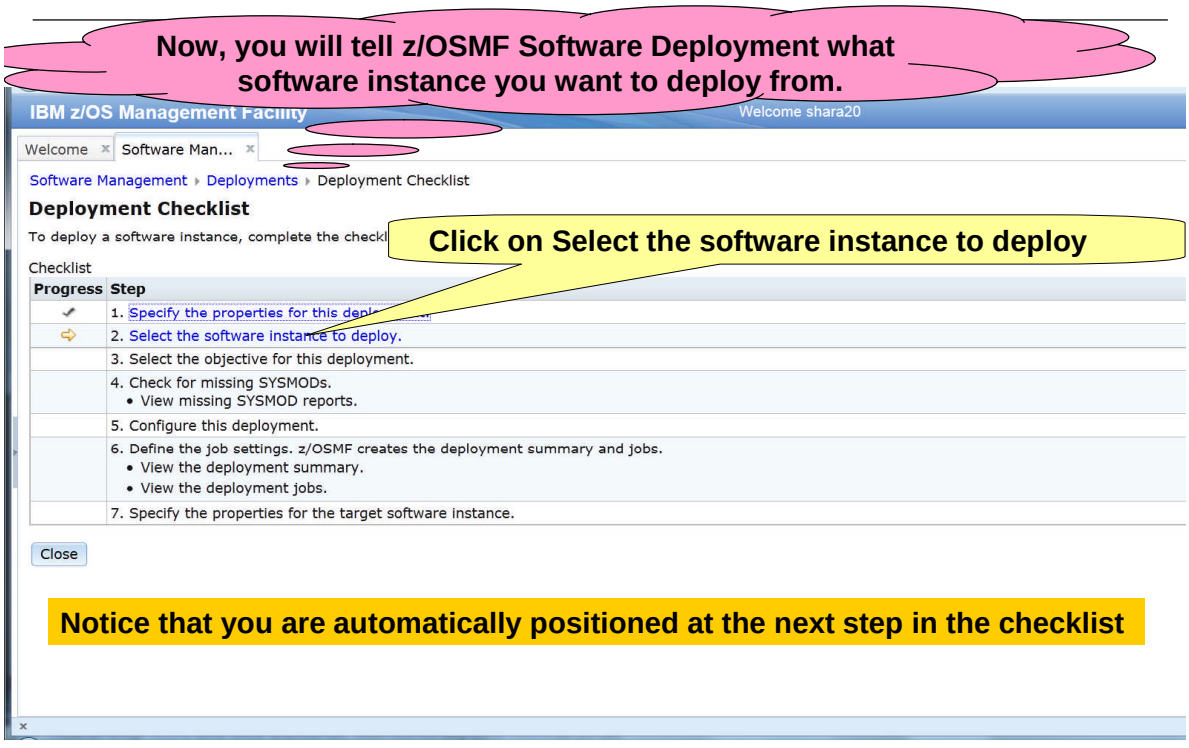
Then click OK

© Copyright IBM Corporation 2014

Step 2: Select the Software Instance to Deploy

© Copyright IBM Corporation 2014

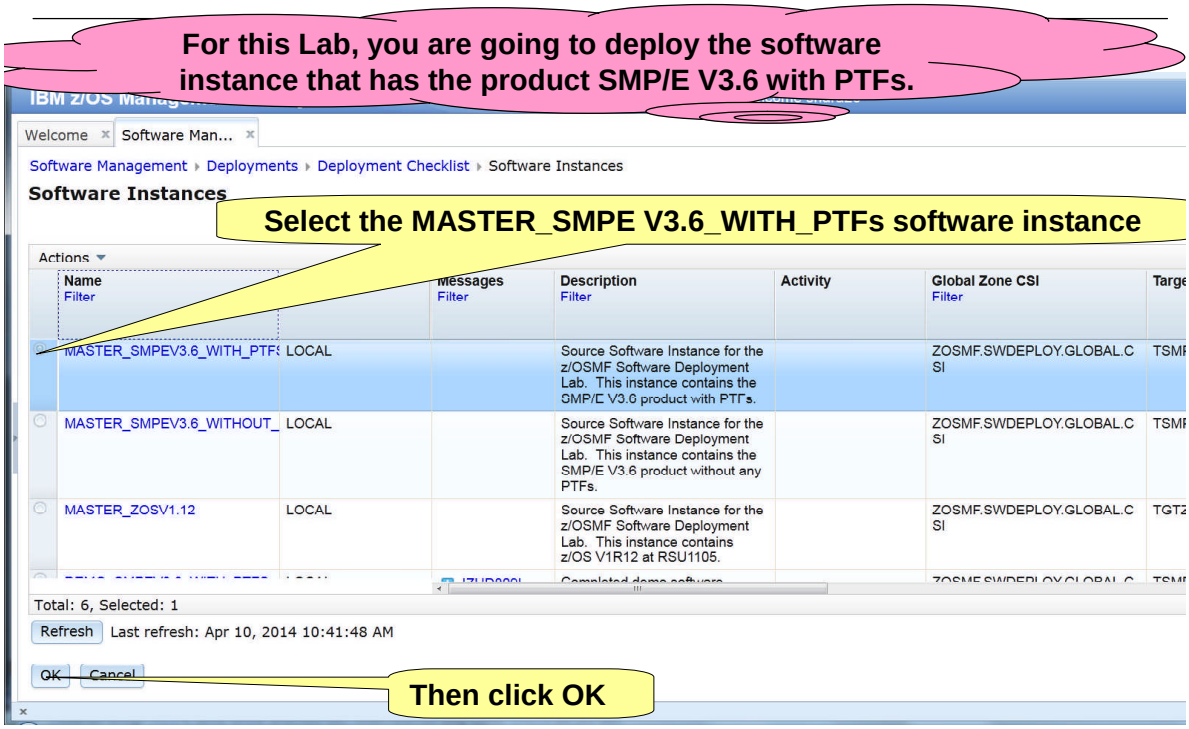
Step 2: Select the Software Instance to Deploy



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

© Copyright IBM Corporation 2014

Step 2: Select the Software Instance to Deploy …



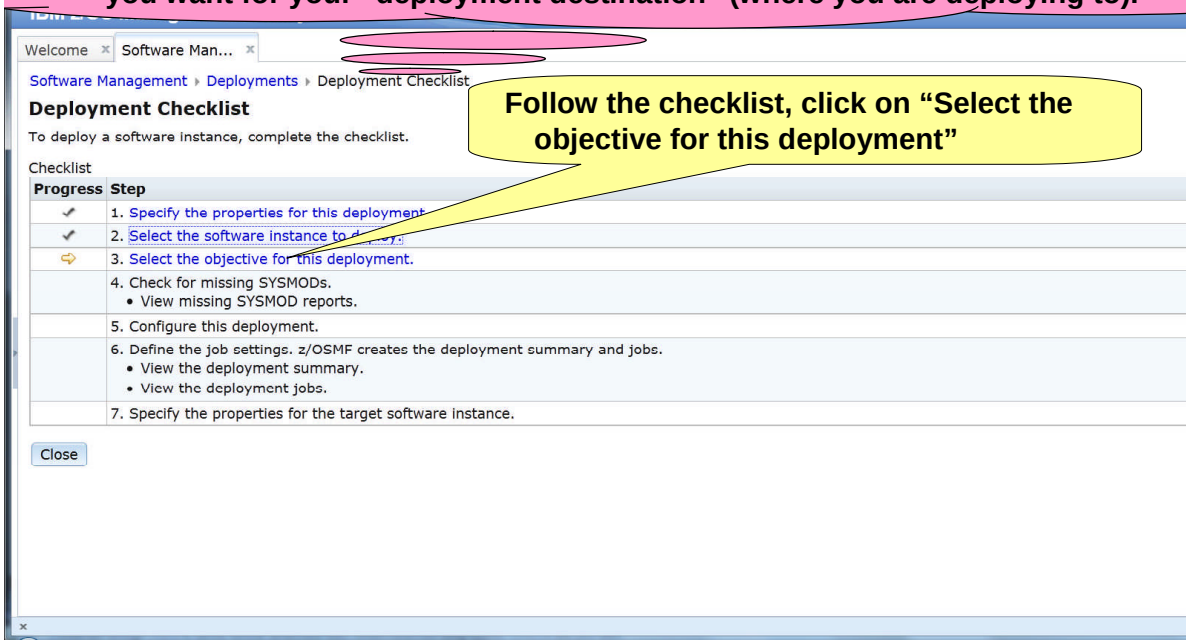
© Copyright IBM Corporation 2014

Step 3: Select the Objective for this Deployment

© Copyright IBM Corporation 2014

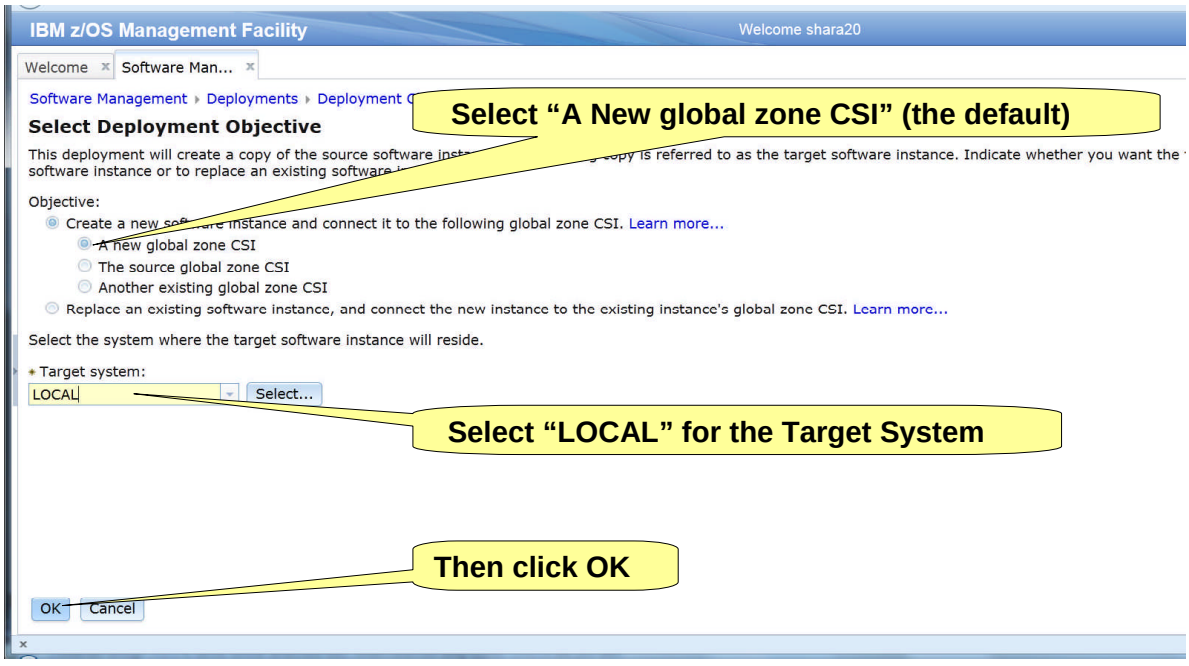
Step 3: Select the Objective for this Deployment

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).



© Copyright IBM Corporation 2014

Step 3: Select the Objective for this Deployment …



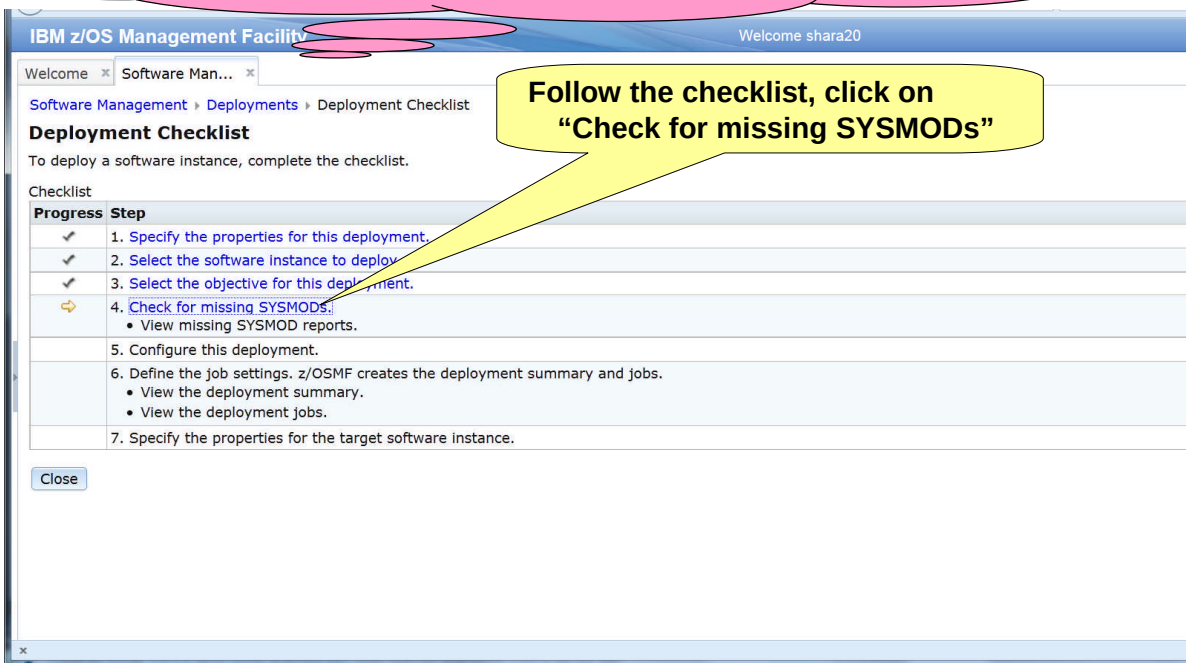
© Copyright IBM Corporation 2014

Step 4: Check for Missing SYSMODs

© Copyright IBM Corporation 2014

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.

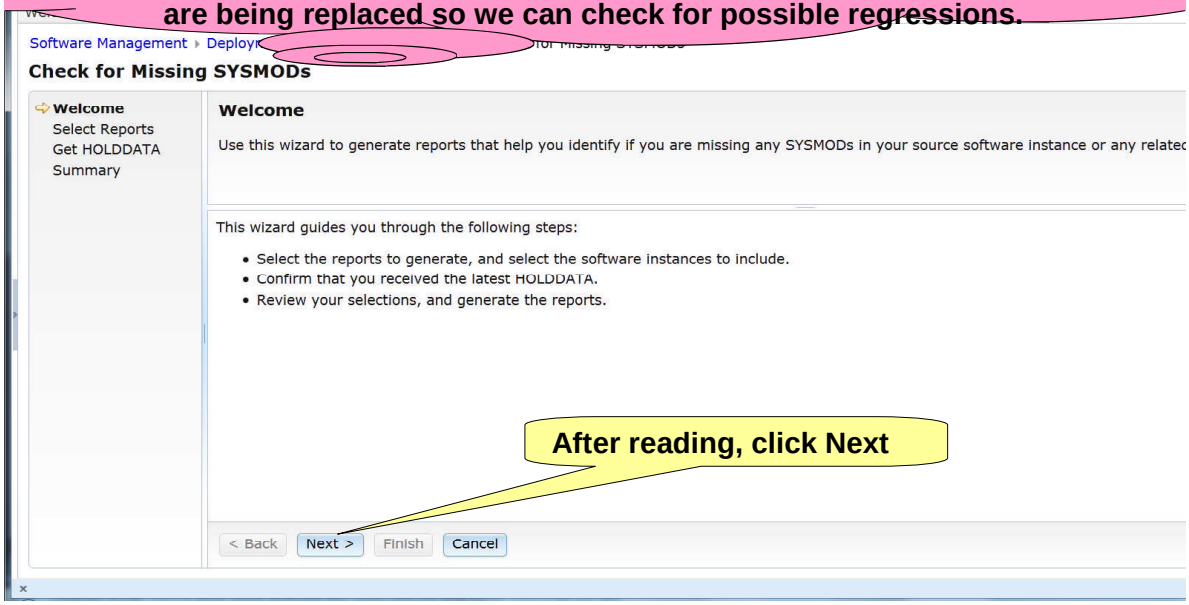


Follow the checklist, click on "Check for missing SYSMODs"

© Copyright IBM Corporation 2014

Step 4a: Welcome

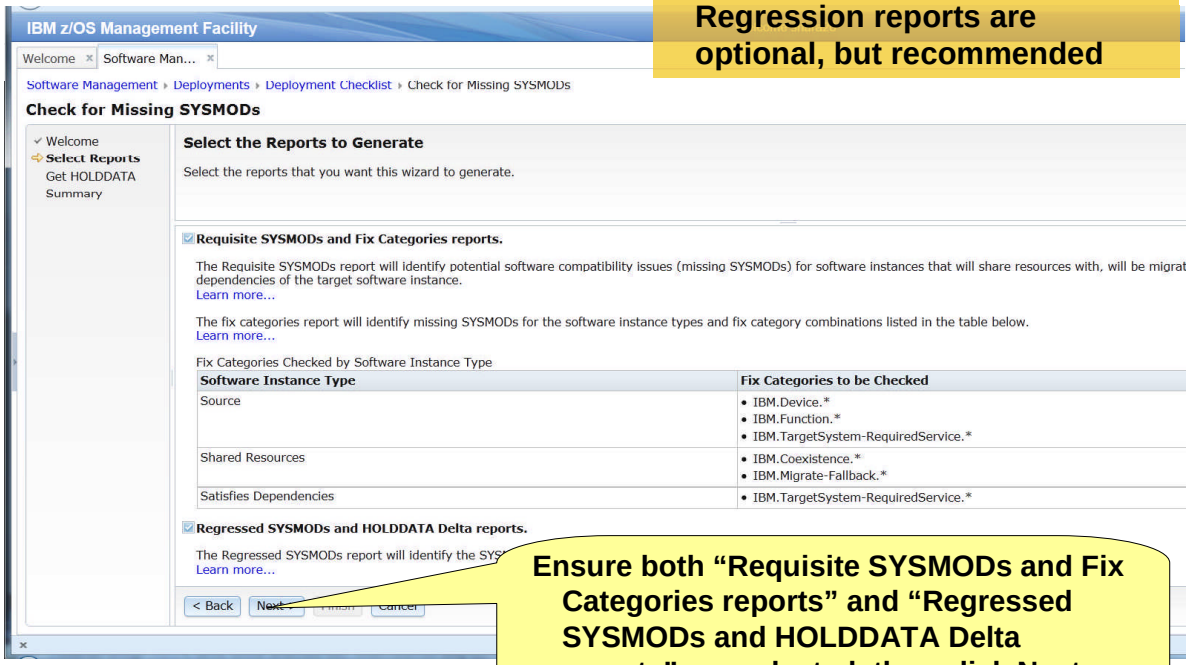
Checking for missing SYSMODs invokes a wizard. You will identify other software instances that will run on the same system, or in the same multisystem environment. You will also identify software instances that are being replaced so we can check for possible regressions.



© Copyright IBM Corporation 2014

Step 4b: Select Reports to Generate

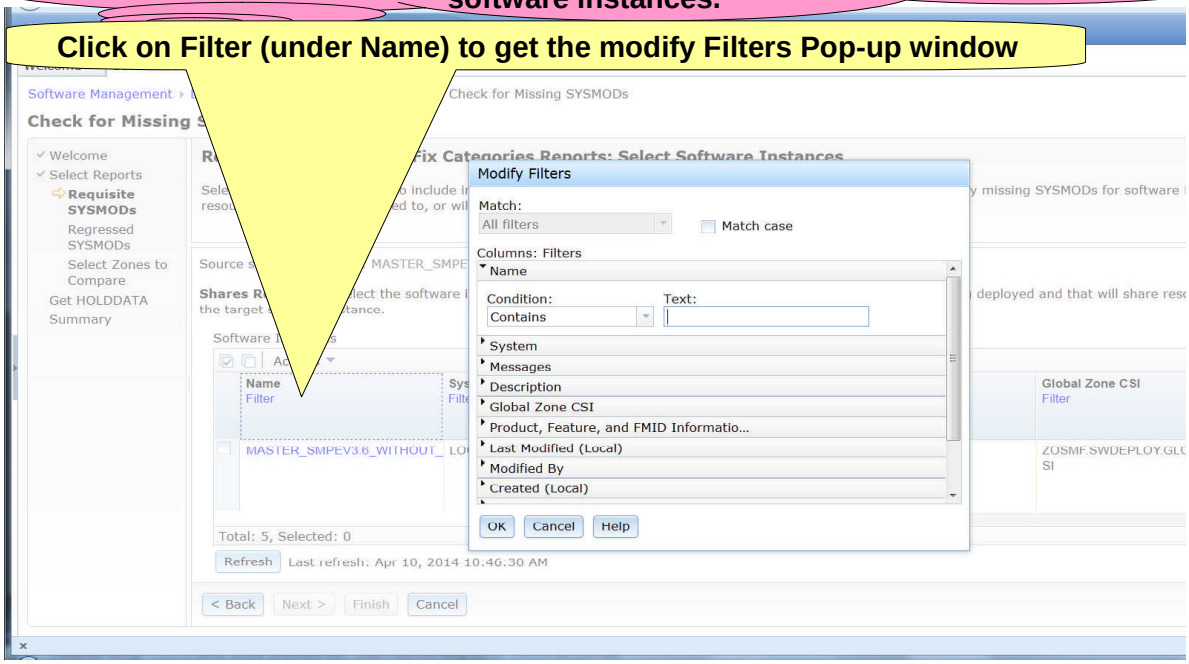
Note: Both Requisite and Regression reports are optional, but recommended



© Copyright IBM Corporation 2014

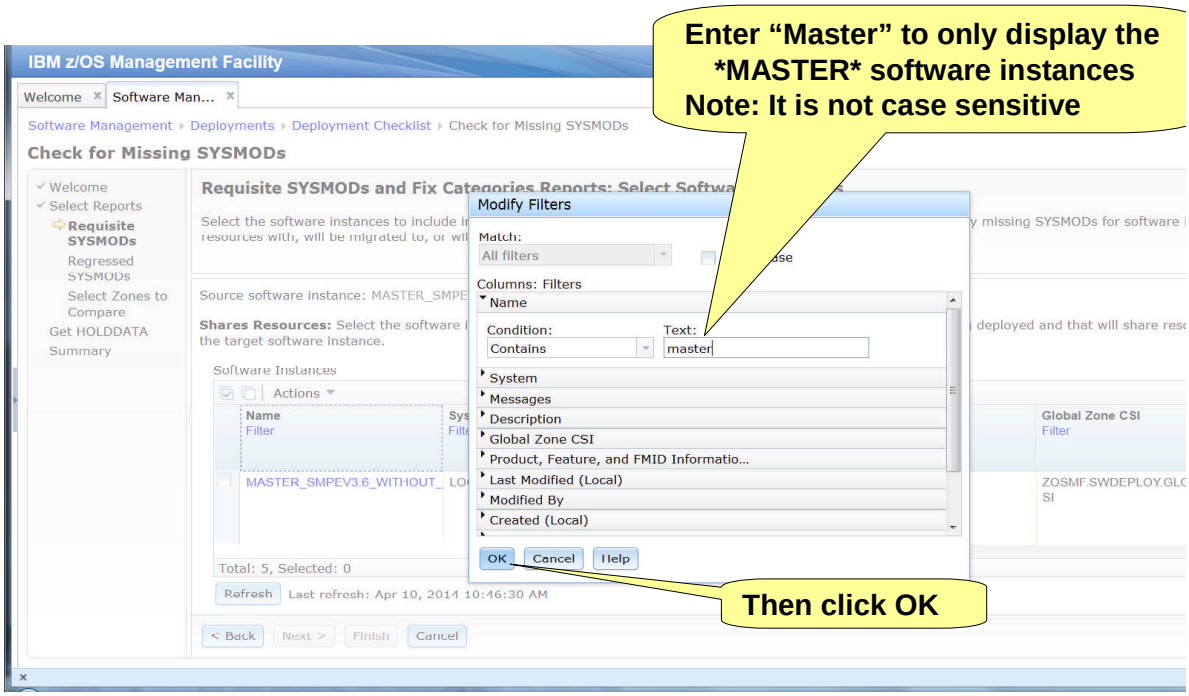
Step 4b: Select Reports to Generate …

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.



© Copyright IBM Corporation 2014

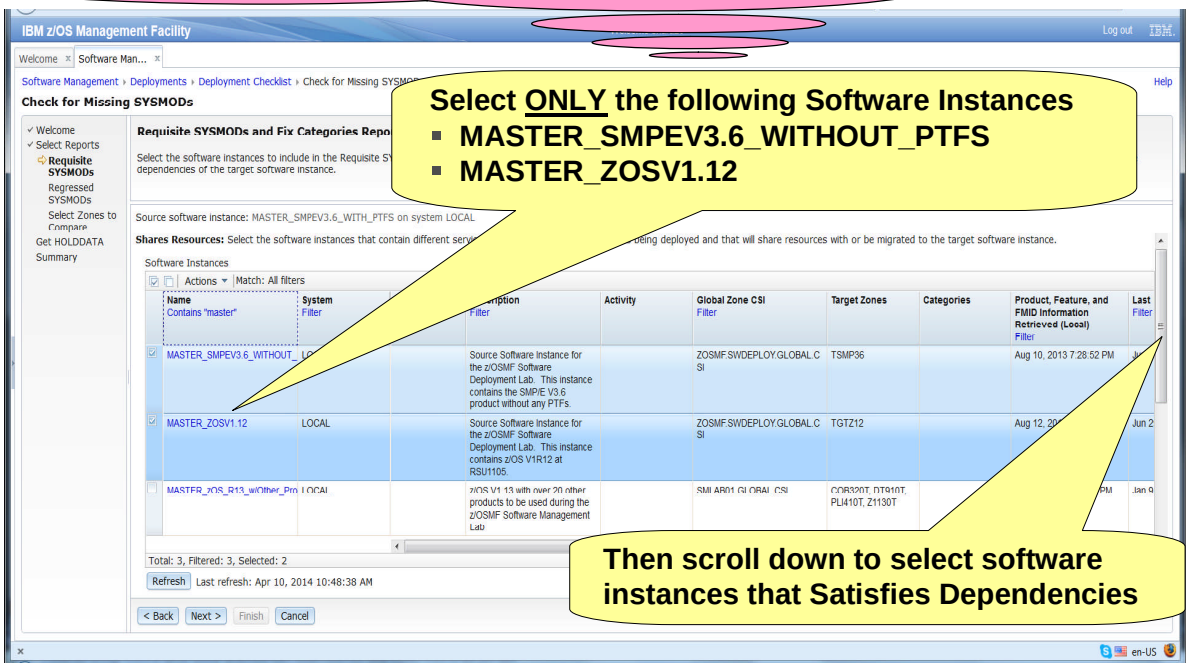
Step 4b.1: Requisite SYSMODs



© Copyright IBM Corporation 2014

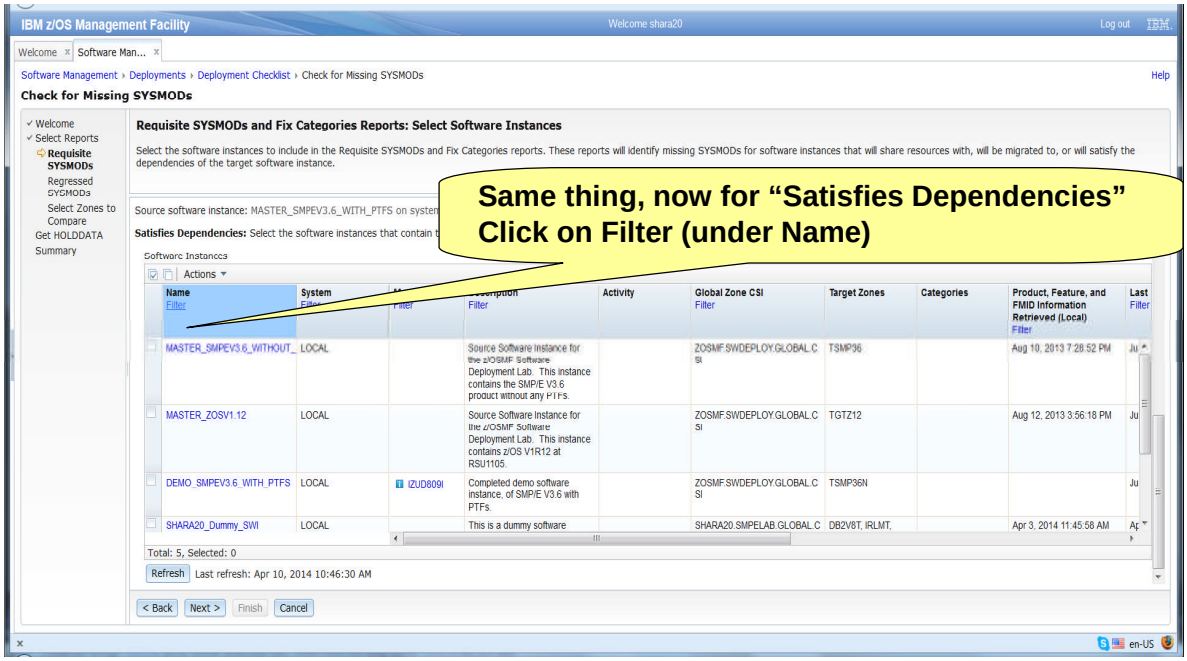
Step 4b.1: Requisite SYSMODs …

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



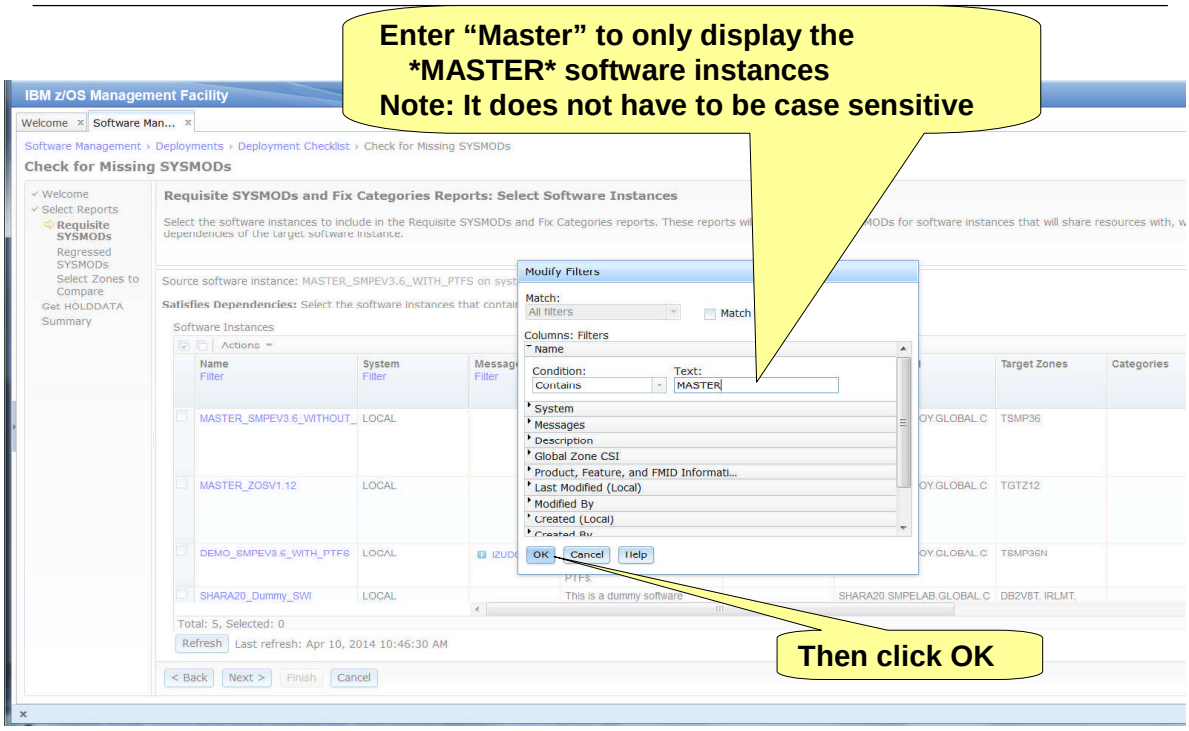
© Copyright IBM Corporation 2014

Step 4b.1: Requisite SYSMODs …



© Copyright IBM Corporation 2014

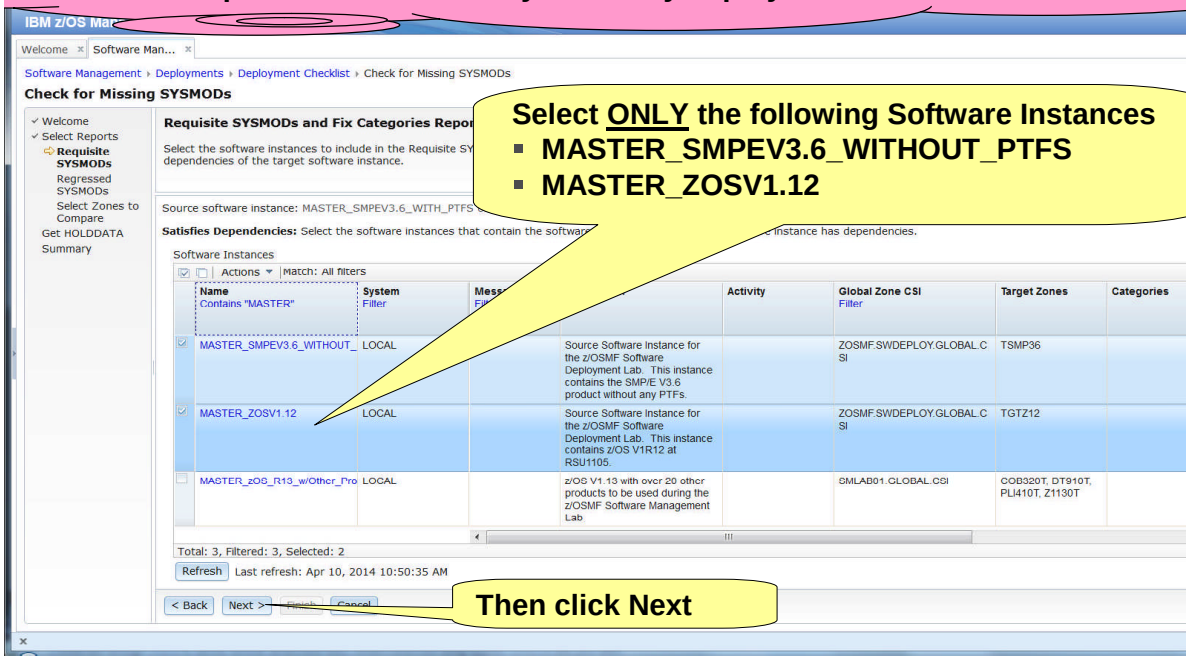
Step 4b.1: Requisite SYSMODs …



© Copyright IBM Corporation 2014

Step 4b.1: Requisite SYSMODs …

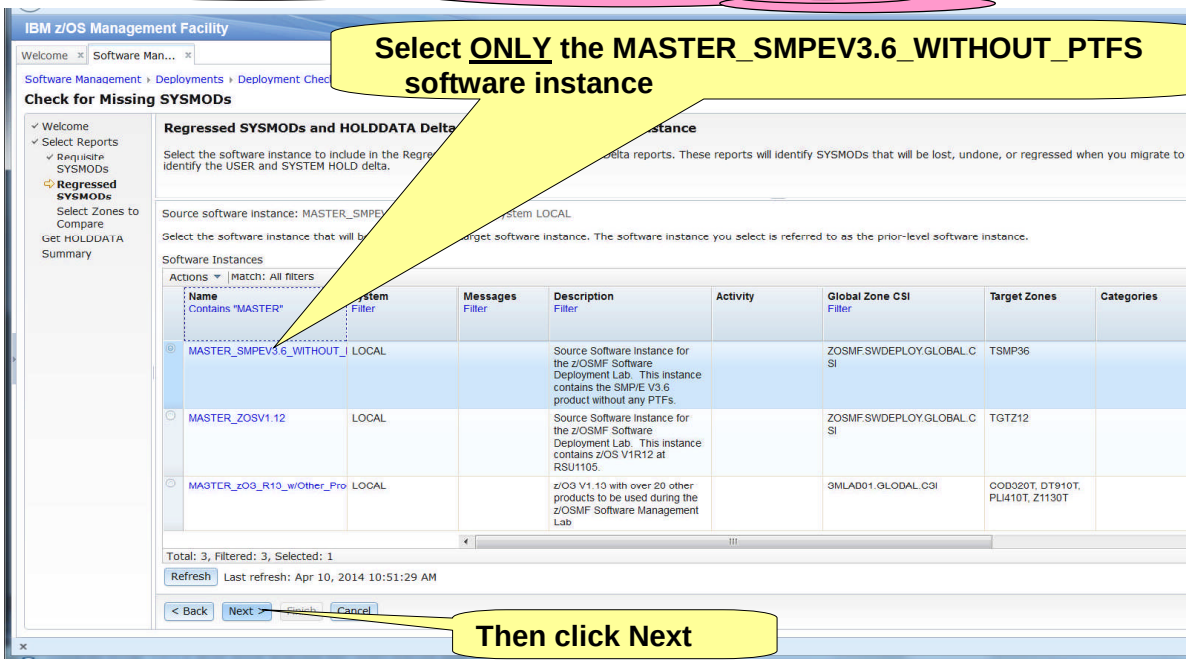
Now, you will tell Software Deployment for which software instances may have dependencies caused by the newly deployed software instance.



© Copyright IBM Corporation 2014

Step 4b.2: Regressed SYSMODs

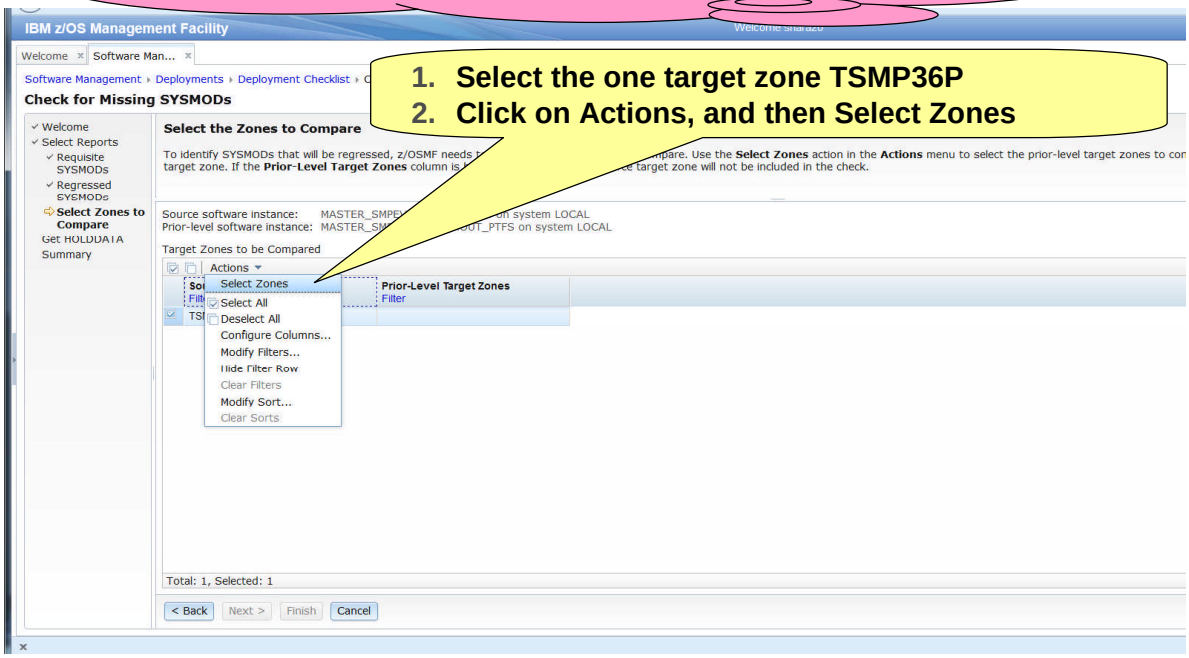
This is the currently executing (or prior) level of the software instance that you are replacing with the software instance deployed in the Lab.



© Copyright IBM Corporation 2014

Step 4b.3: Select Zones to Compare

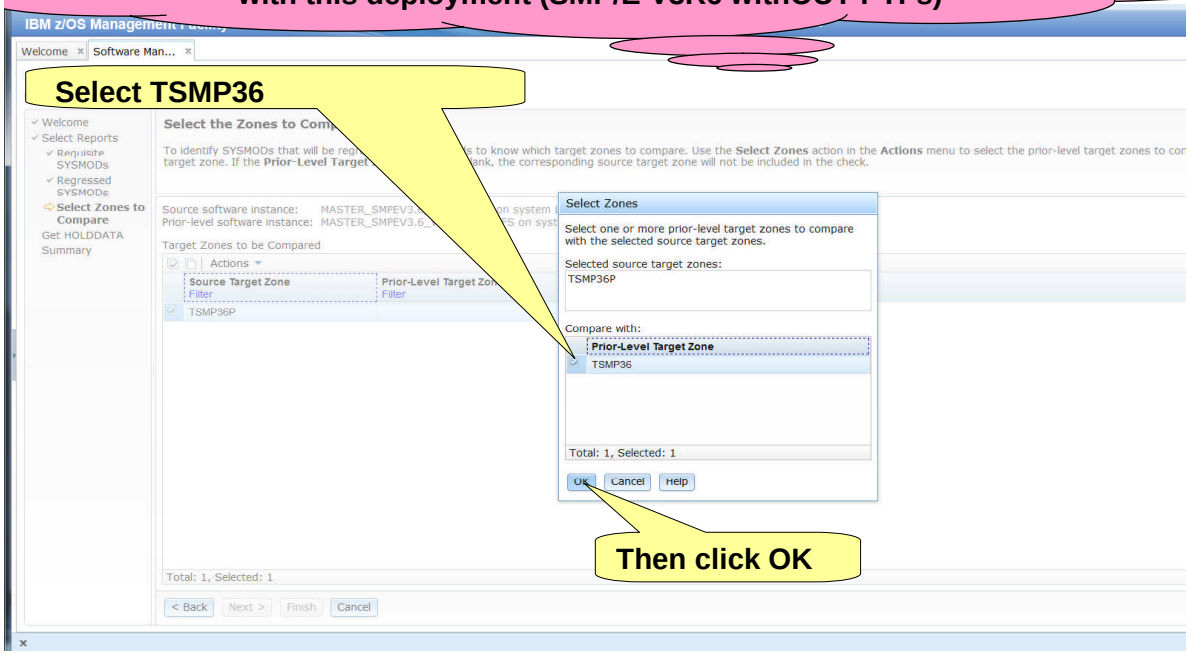
You are picking the target zone of the software instance that you are going to deploy (SMP/E V3.6 with PTFs)…



© Copyright IBM Corporation 2014

Step 4b.3: Select Zones to Compare …

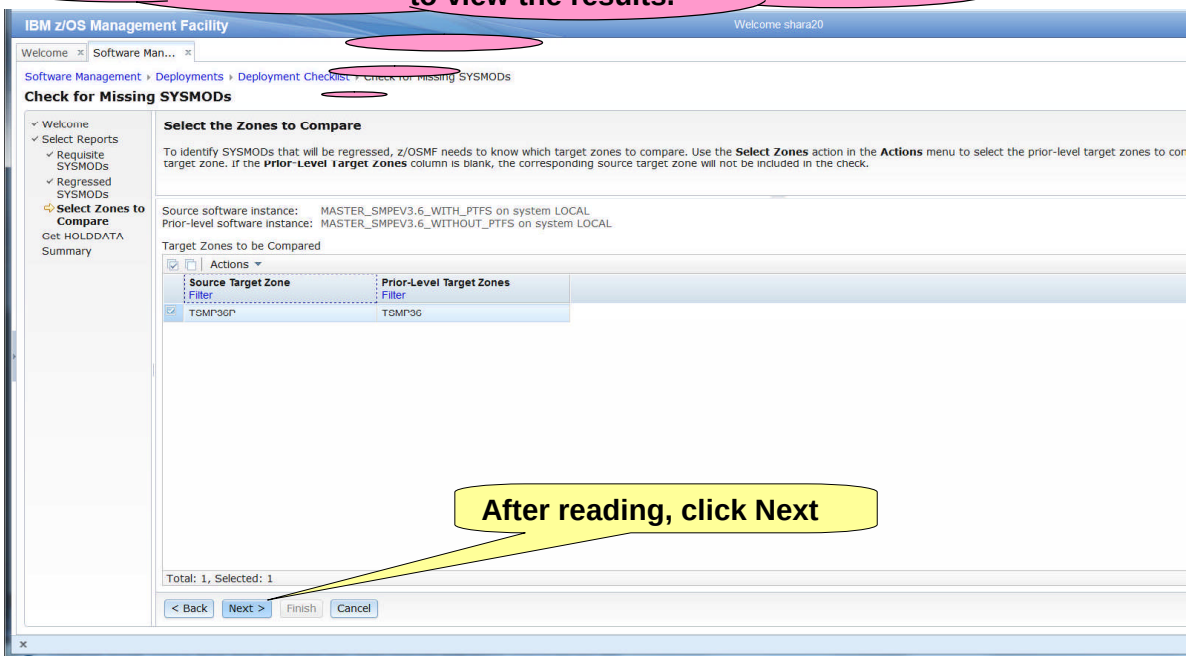
… to compare it to the target zone of what you are replacing with this deployment (SMP/E V3R6 withOUT PTFs)



© Copyright IBM Corporation 2014

Step 4b.3: Select Zones to Compare …

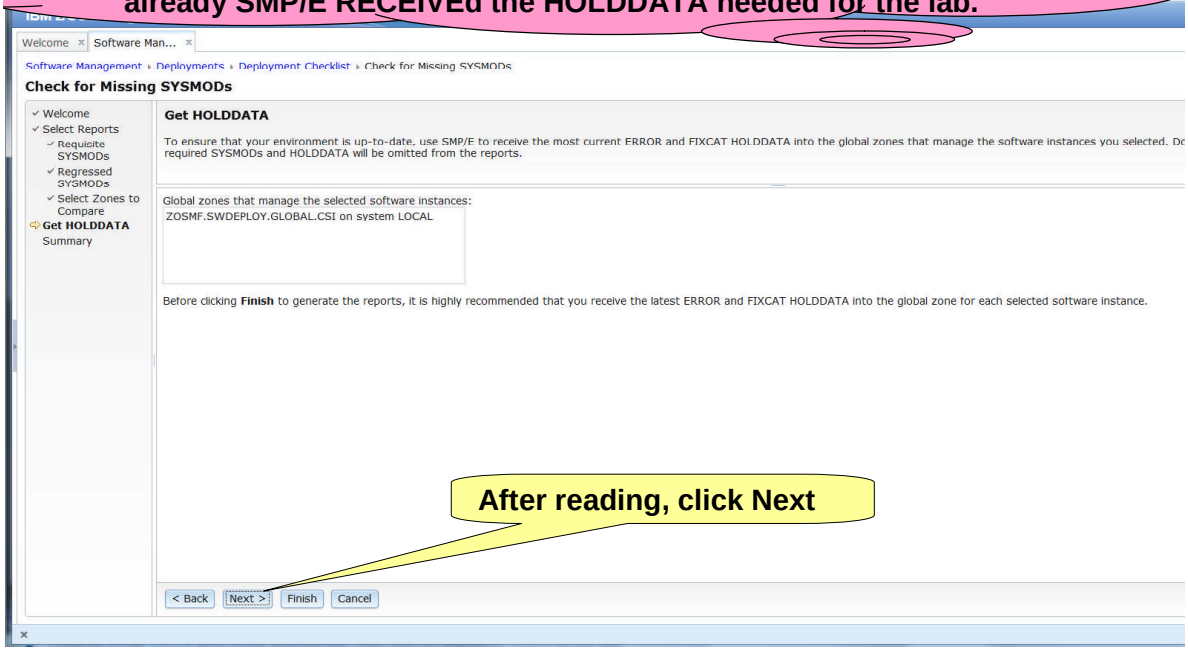
Almost done with the definitions, then you'll be able to view the results.



© Copyright IBM Corporation 2014

Step 4c: Get HOLDDATA

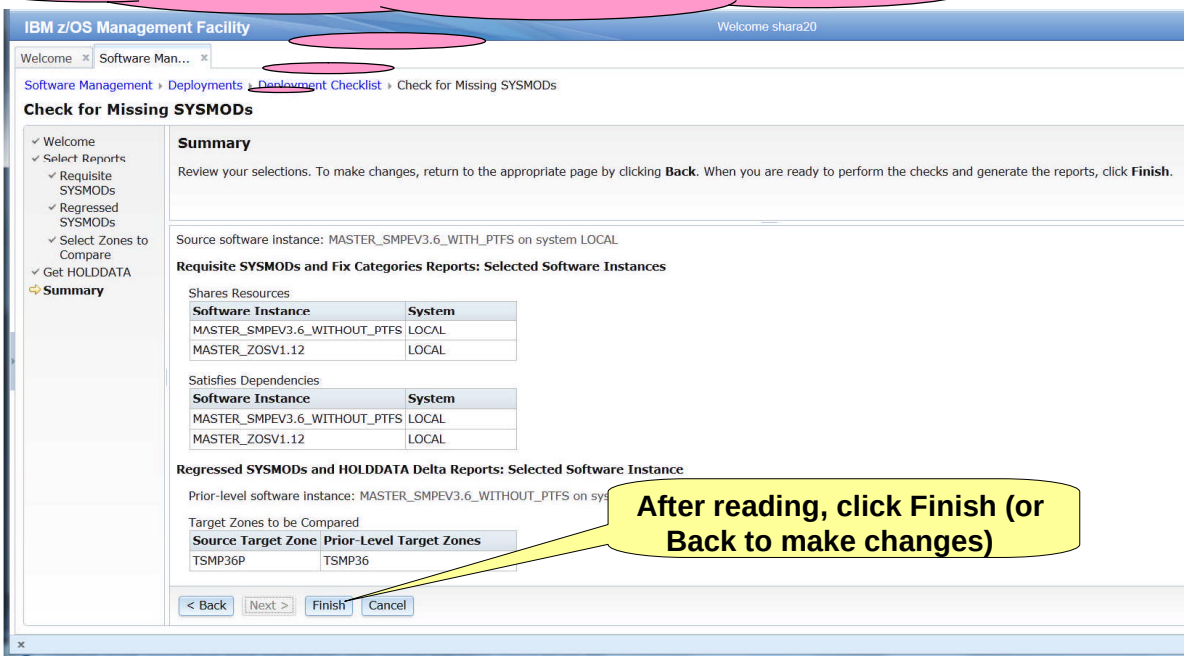
It's important to read this, and follow what it says so that you have the latest HOLDDATA for the reports. Prior to the conference, IBM has already SMP/E RECEIVEd the HOLDDATA needed for the lab.



© Copyright IBM Corporation 2014

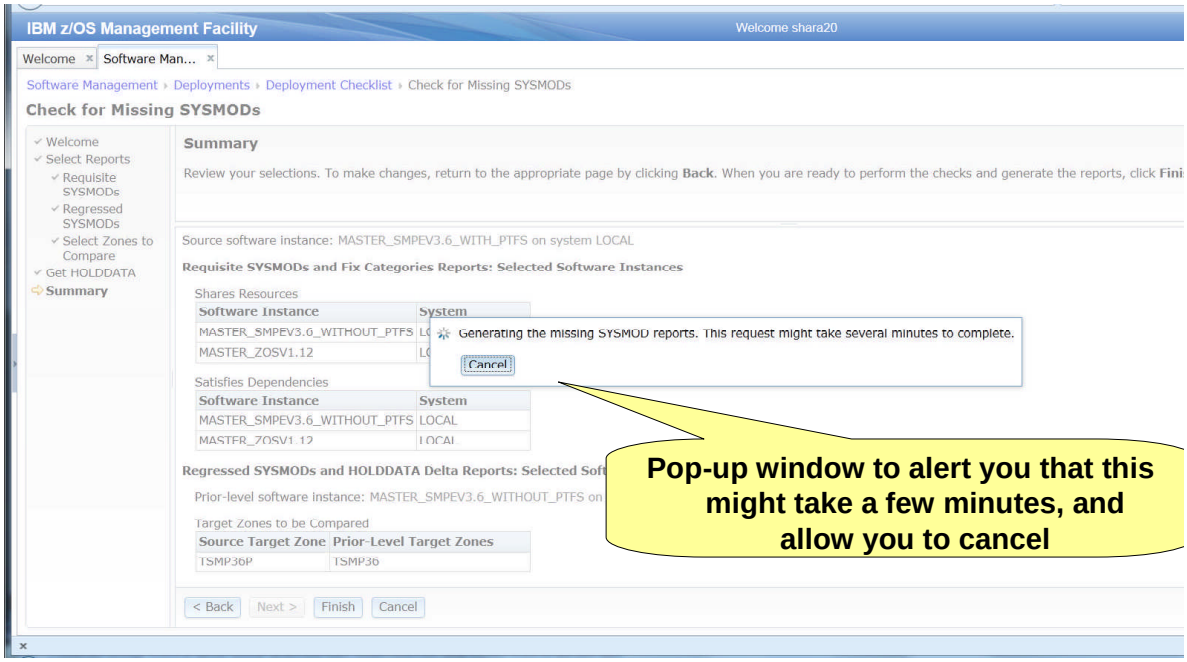
Step 4d: Summary

Review what you've specified for this Deployment.



© Copyright IBM Corporation 2014

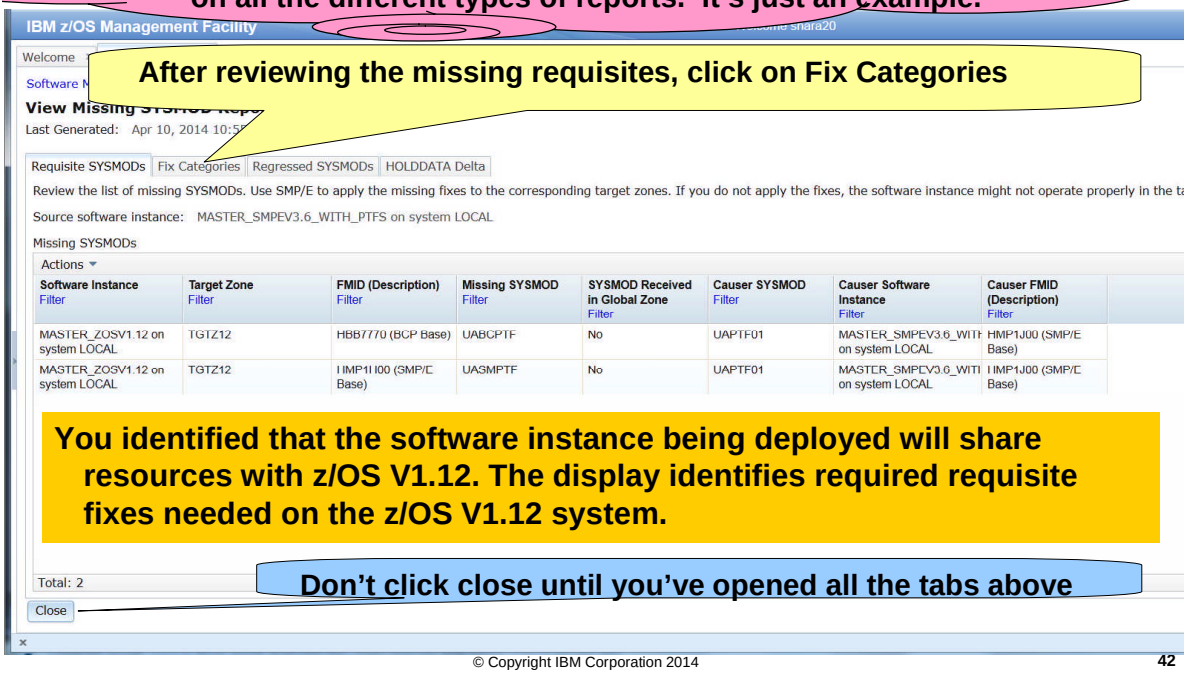
Step 4d: Check for Missing SYSMODs



© Copyright IBM Corporation 2014

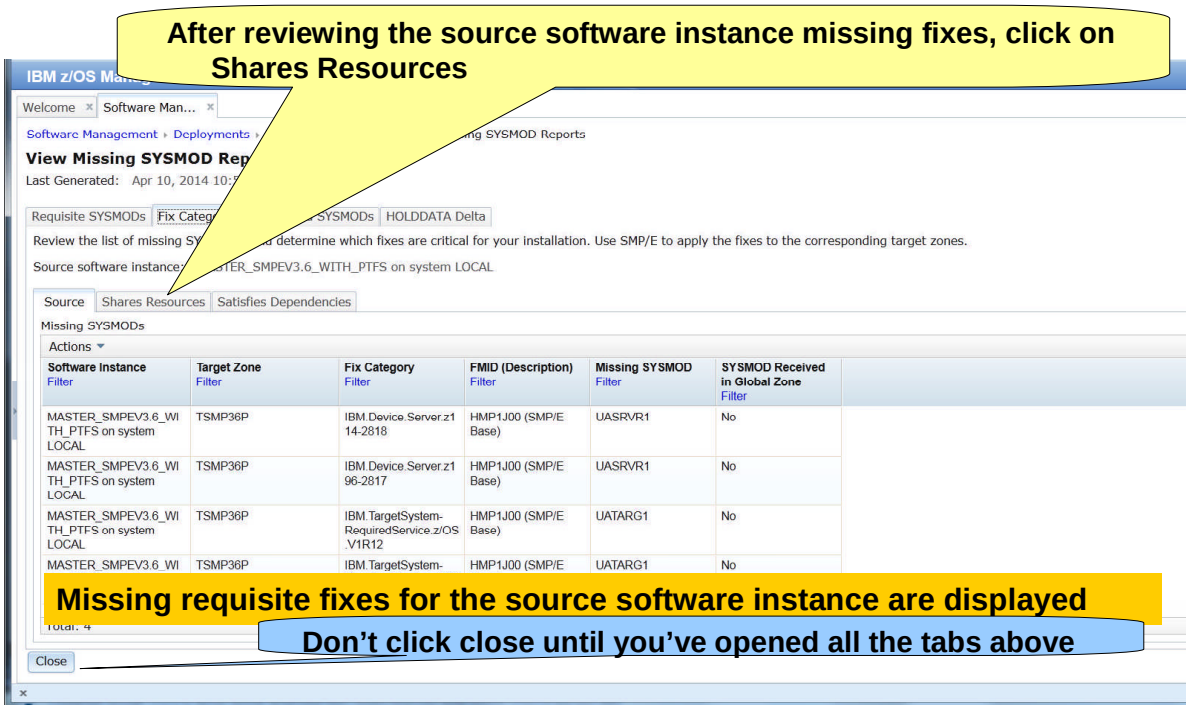
Step 4e.1: View Missing SYSMODs Report

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.



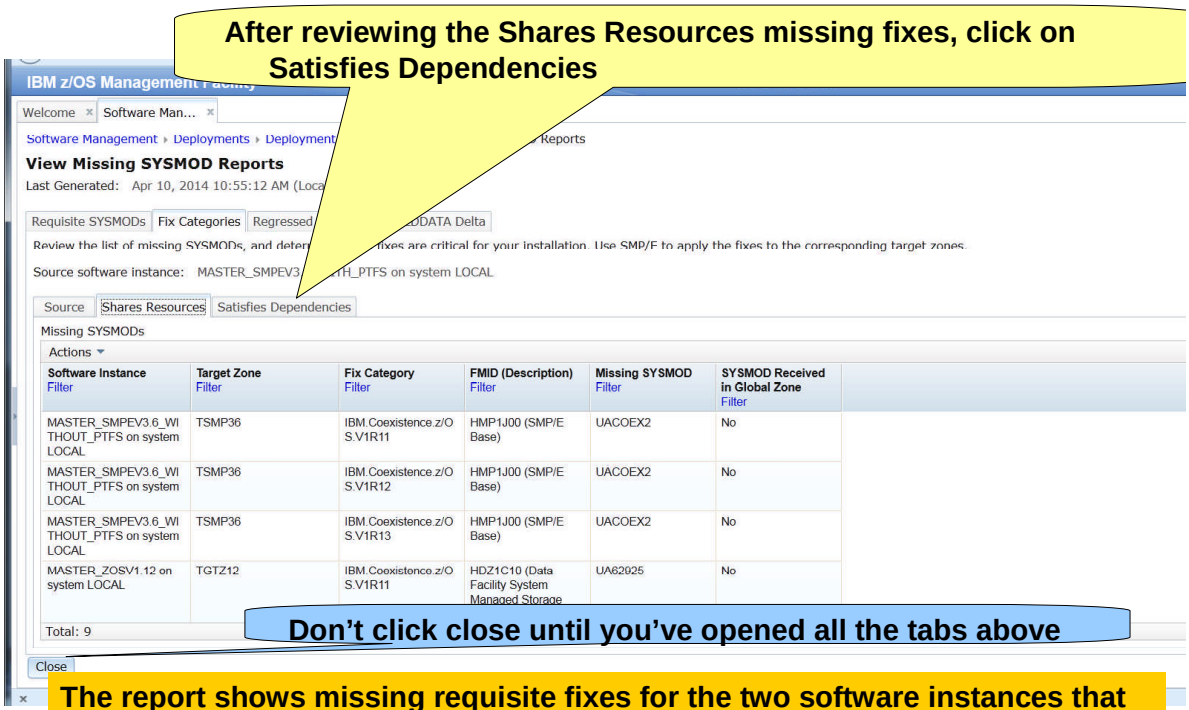
© Copyright IBM Corporation 2014

Step 4e.2: View Missing SYSMODs Report …



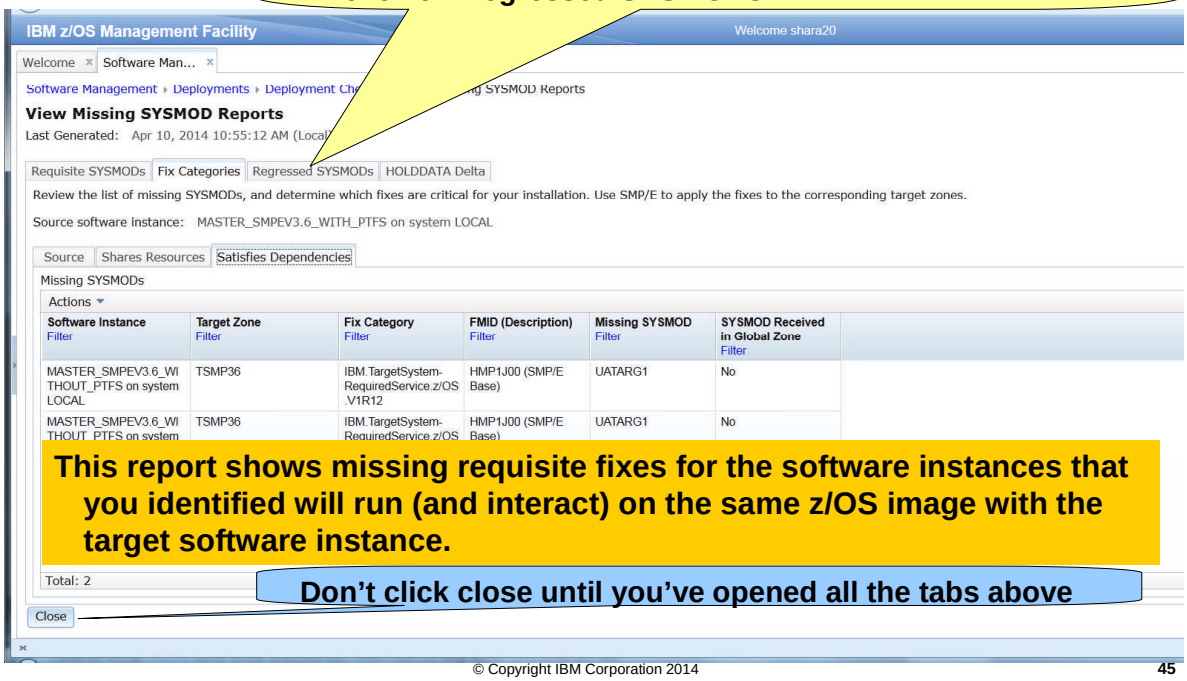
© Copyright IBM Corporation 2014

Step 4e.3: View Missing SYSMODs Report …



Step 4e.4: View Missing SYSMODs Report …

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



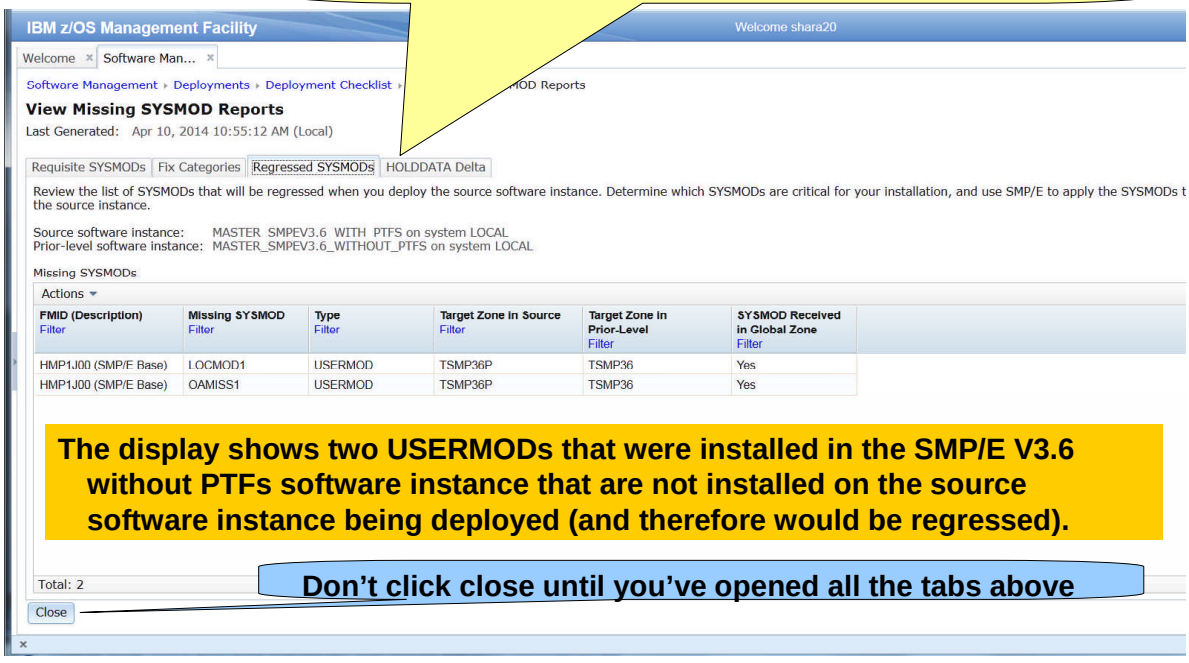
This report shows missing requisite fixes for the software instances that you identified will run (and interact) on the same z/OS image with the target software instance.

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

© Copyright IBM Corporation 2014

Step 4e.5: View Missing SYSMODs Report …

After reviewing the Regressed SYSMODS, click on HOLDDATA Delta

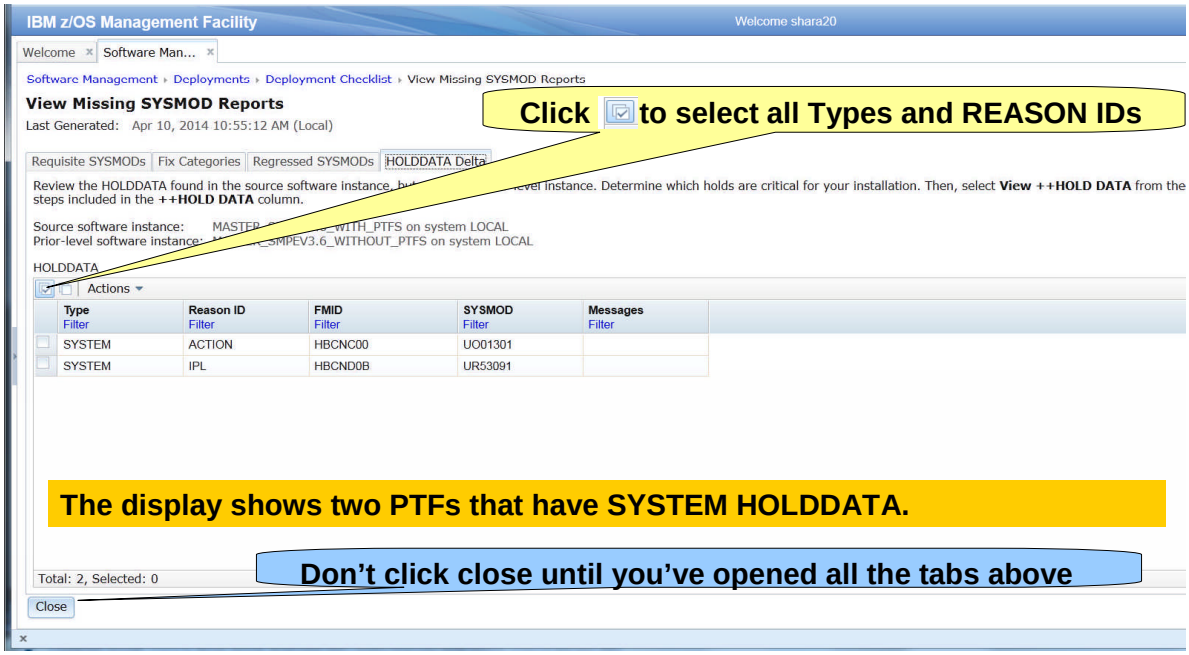


The display shows two USERMODs that were installed in the SMP/E V3.6 without PTFs software instance that are not installed on the source software instance being deployed (and therefore would be regressed).

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

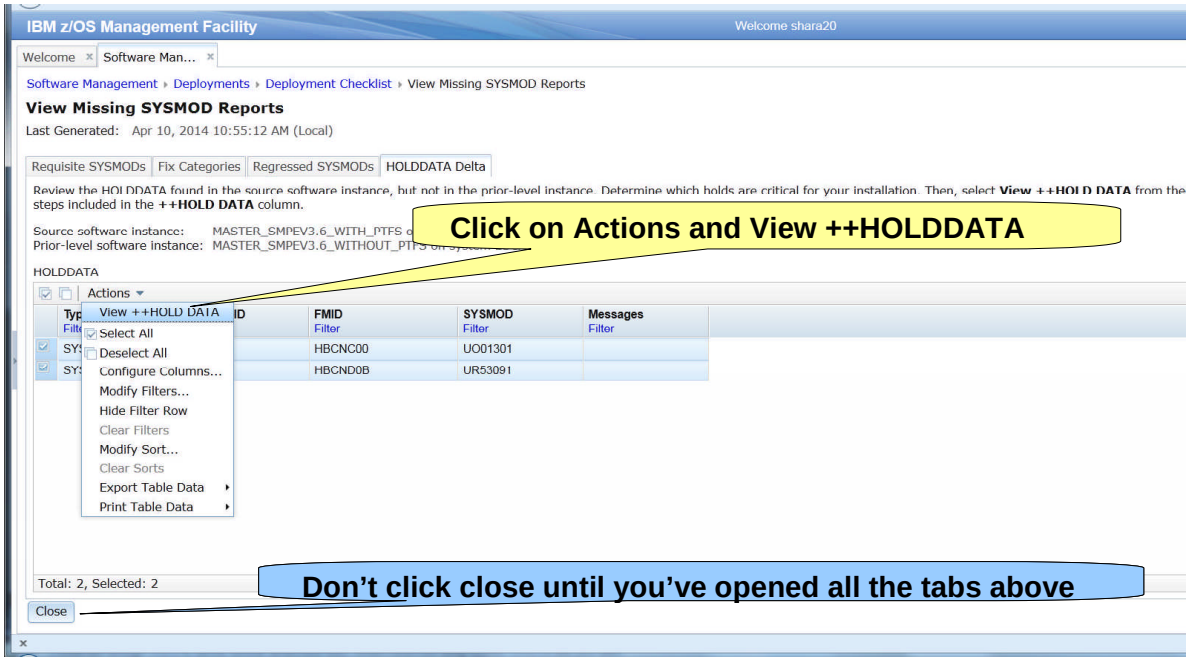
© Copyright IBM Corporation 2014

Step 4e.6: View Missing SYSMODs Report …



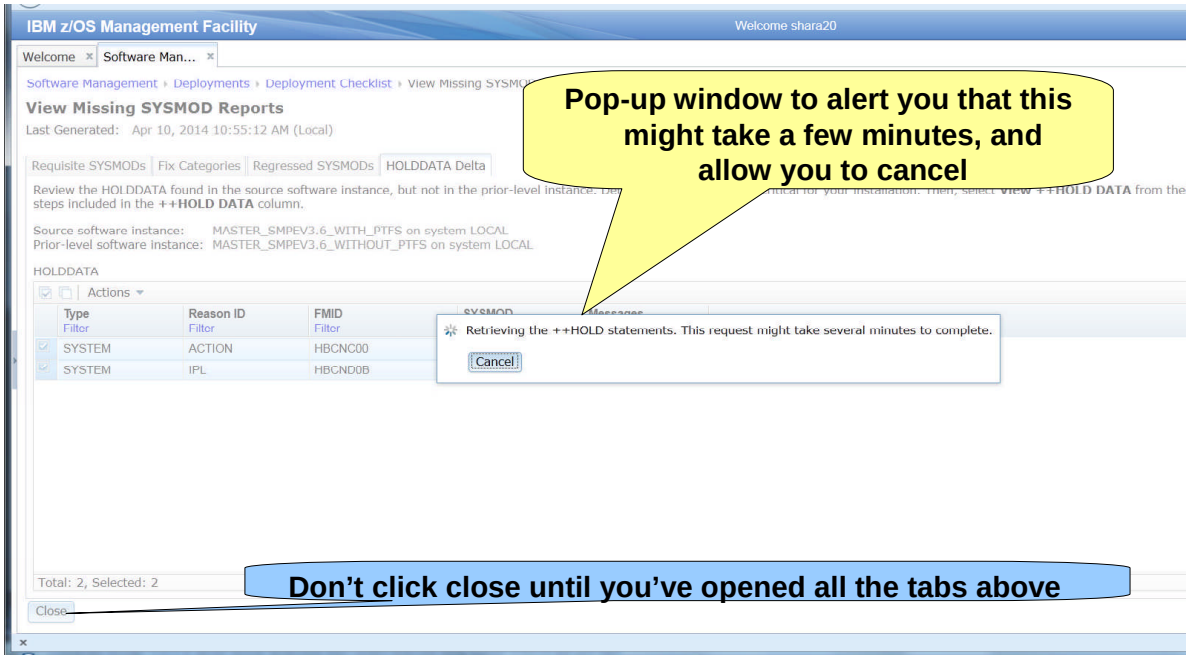
© Copyright IBM Corporation 2014

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



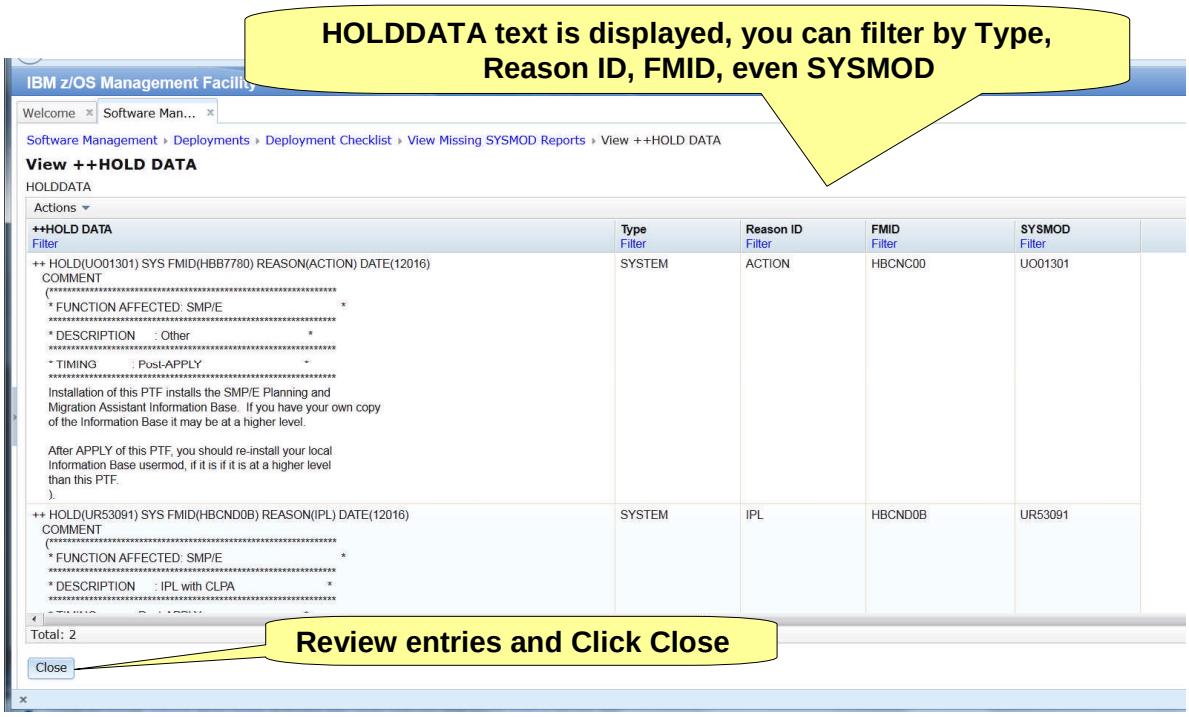
© Copyright IBM Corporation 2014

Step 4e.6: View Missing SYSMODs Report …



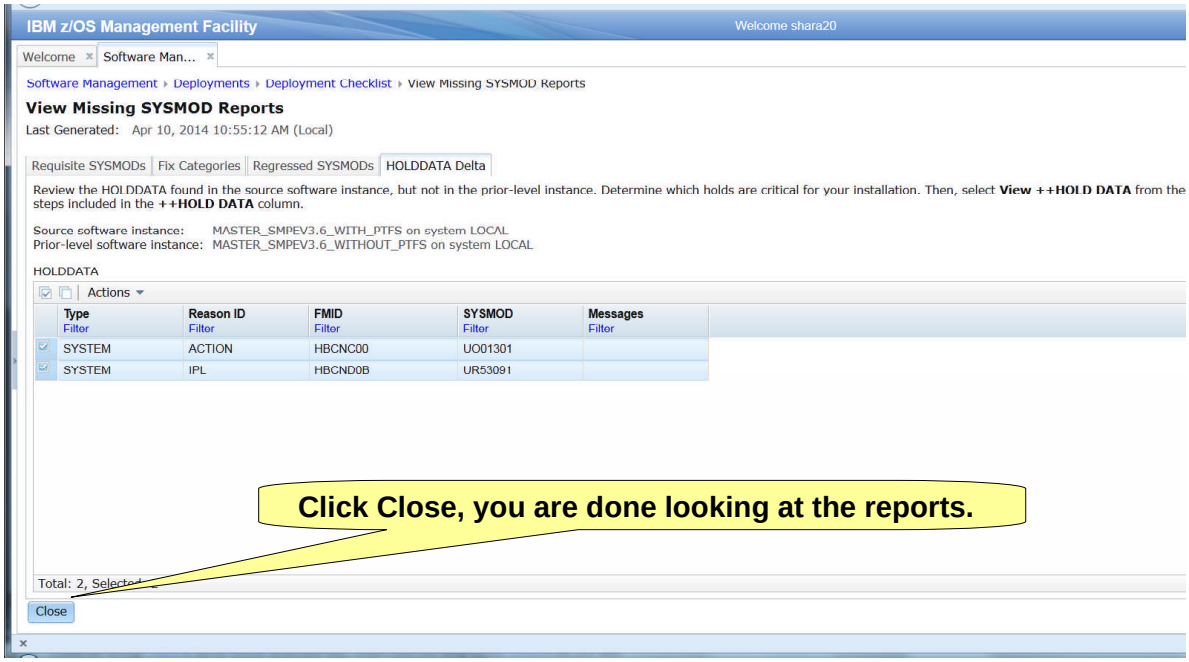
© Copyright IBM Corporation 2014

Step 4e.6: View Missing SYSMODs Report …



© Copyright IBM Corporation 2014

Step 4e.6: View Missing SYSMODs Report …



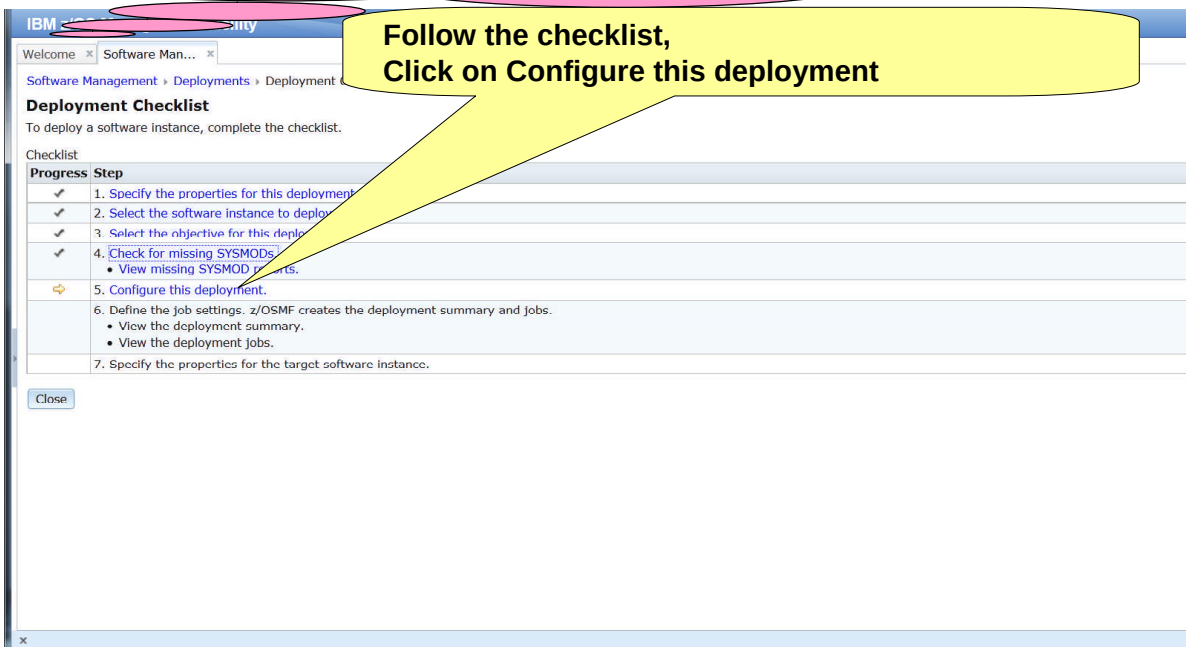
© Copyright IBM Corporation 2014

Step 5: Configure your deployment

© Copyright IBM Corporation 2014

Step 5: Configure the Deployment

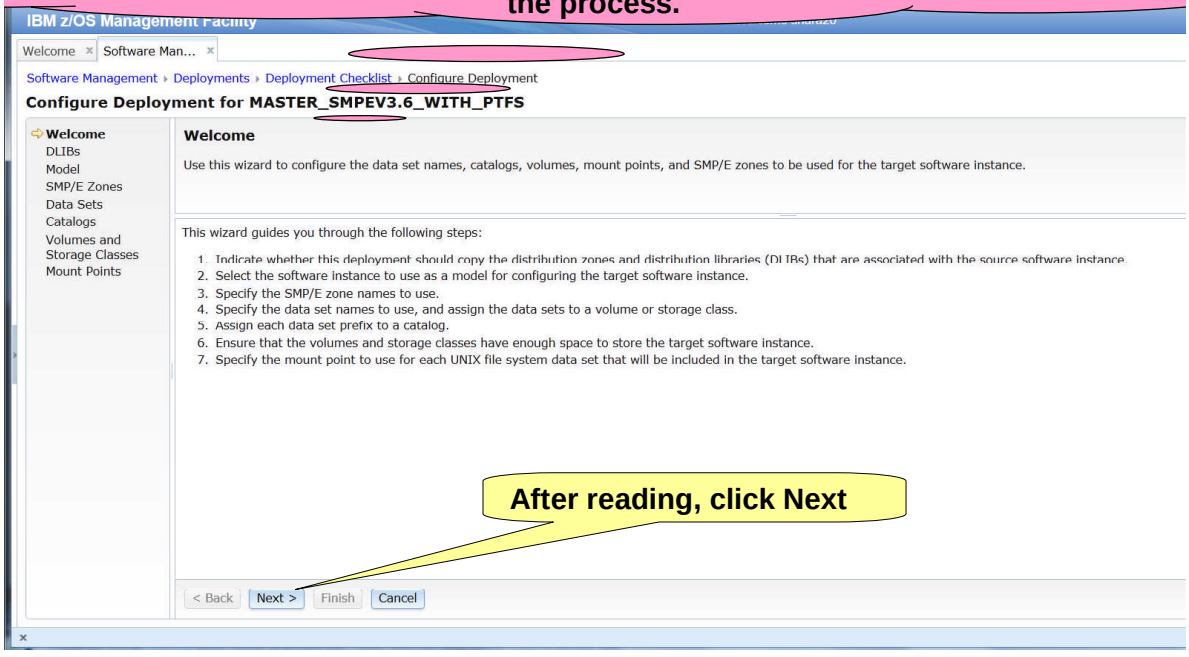
Configuring the deployment involves specifying the volume, data set names, catalog, for the target software instance.



© Copyright IBM Corporation 2014

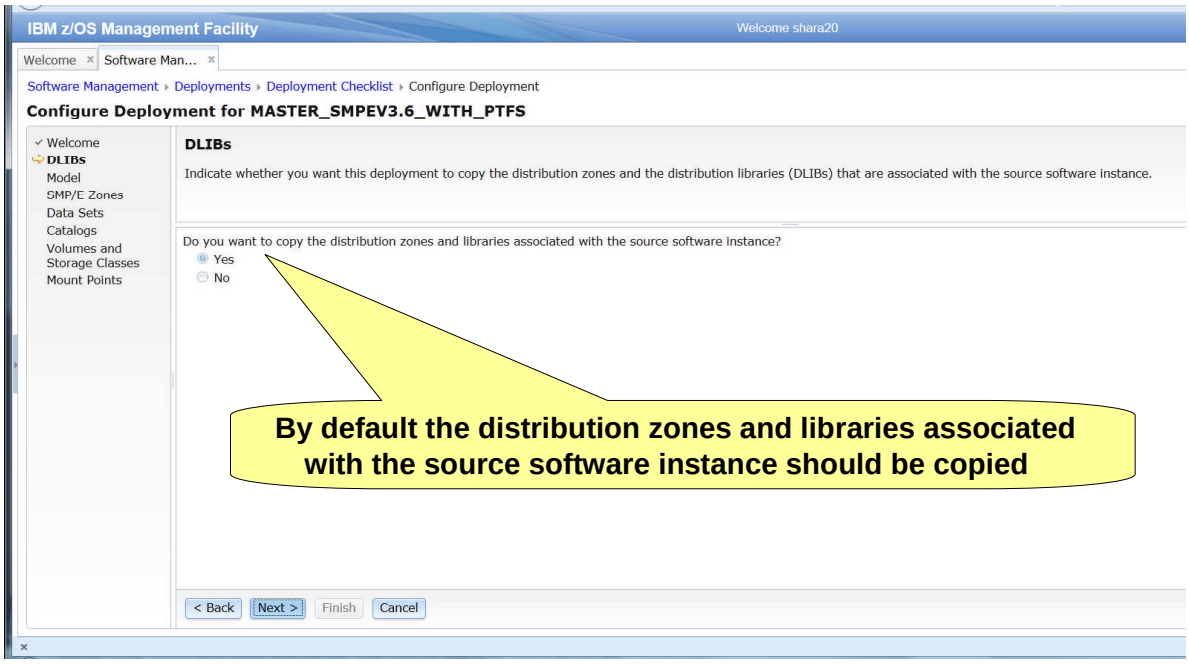
Step 5a: Welcome

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



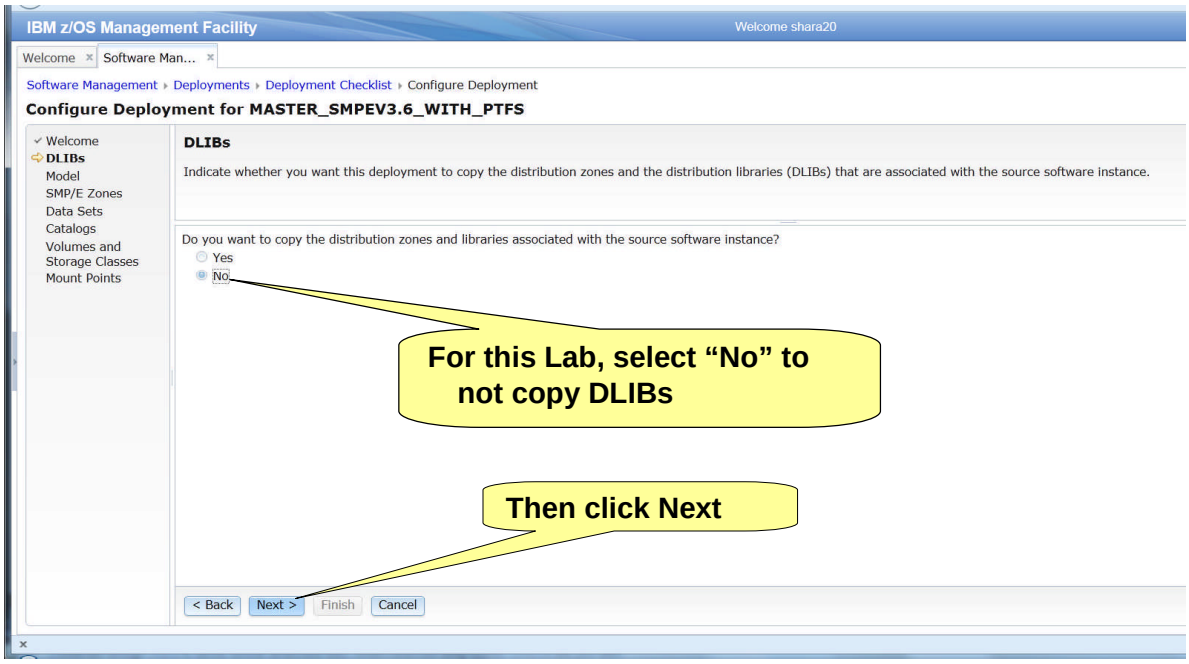
© Copyright IBM Corporation 2014

Step 5b: Want DLIBs?



© Copyright IBM Corporation 2014

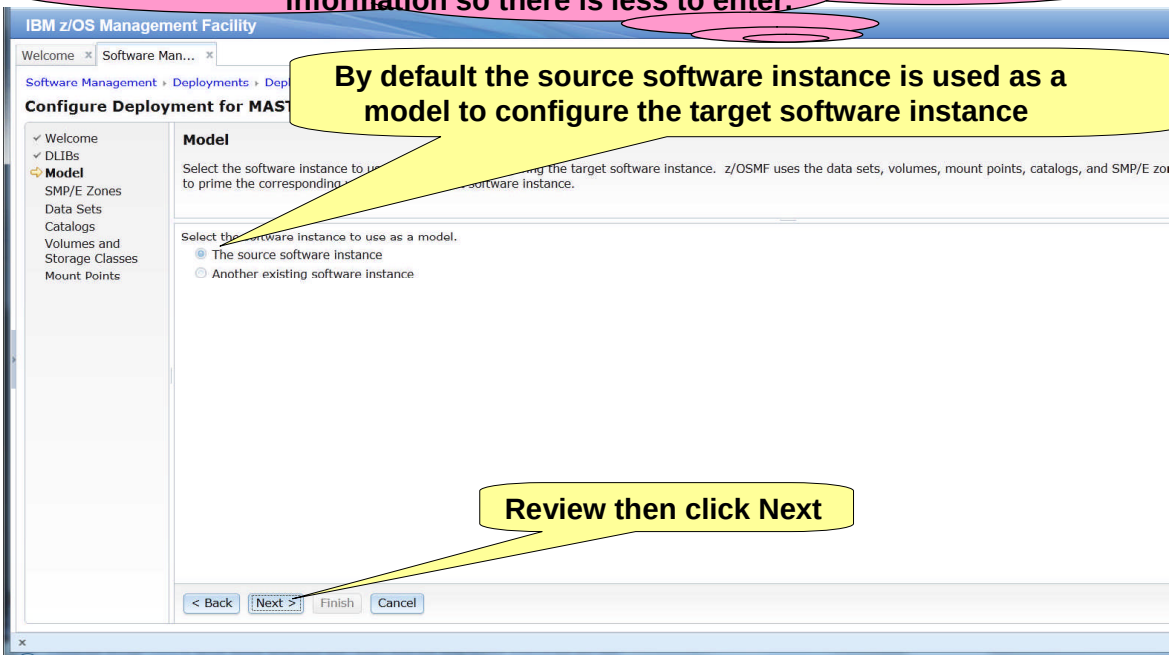
Step 5b: Want DLIBs?



© Copyright IBM Corporation 2014

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.

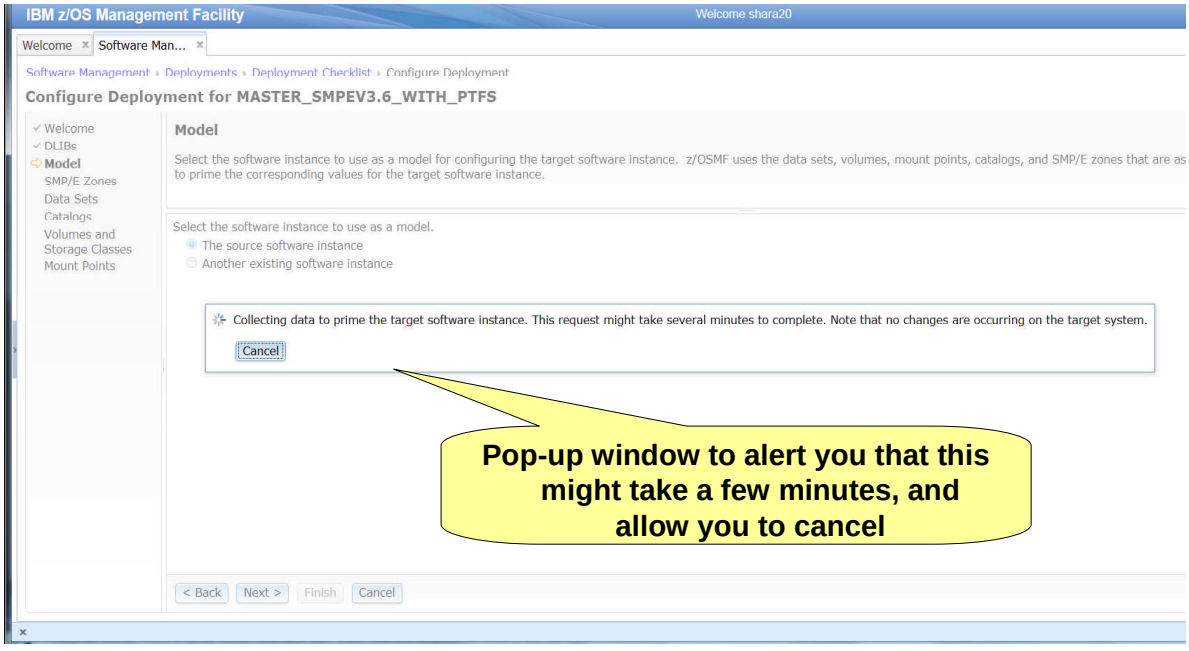


By default the source software instance is used as a model to configure the target software instance

Review then click Next

© Copyright IBM Corporation 2014

Step 5c: Model …

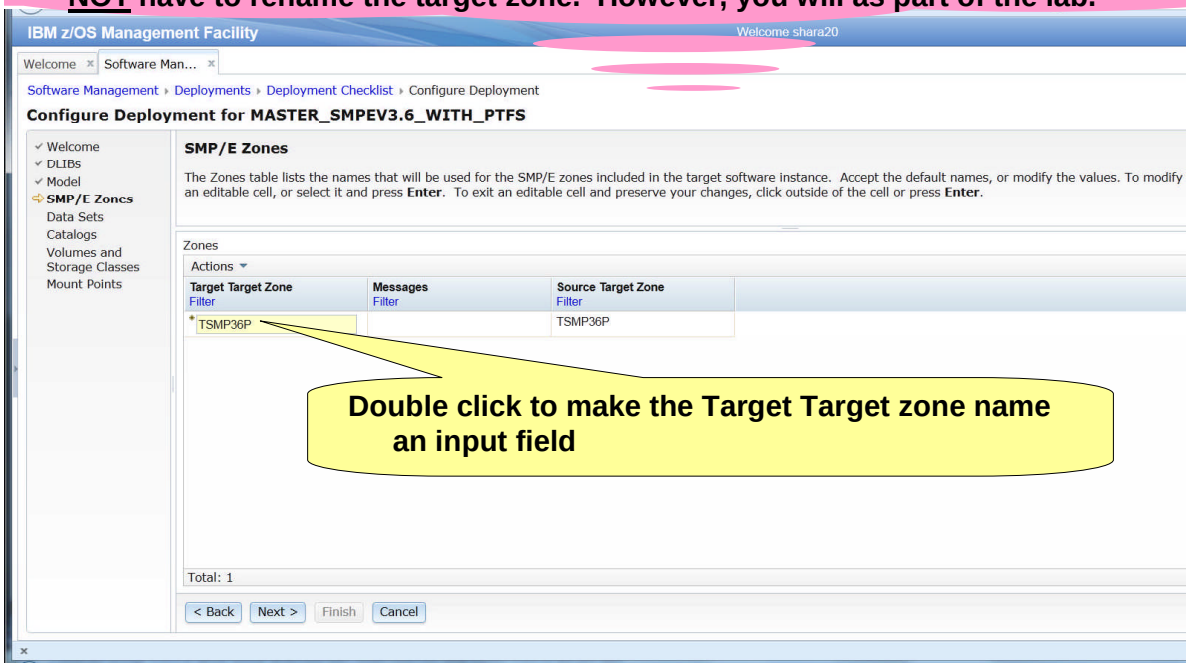


Pop-up window to alert you that this might take a few minutes, and allow you to cancel

© Copyright IBM Corporation 2014

Step 5d: SMP/E Zones

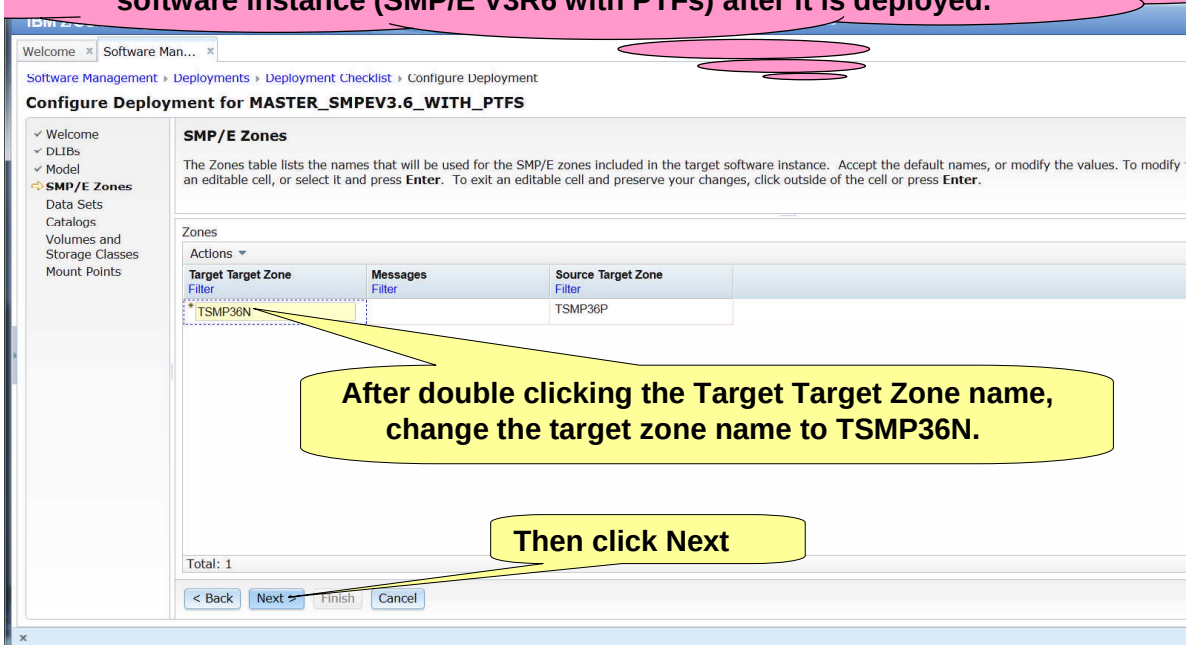
Since your deployment objective is to create a new GLOBAL zone, you do NOT have to rename the target zone. However, you will as part of the lab.



© Copyright IBM Corporation 2014

Step 5d: SMP/E Zones …

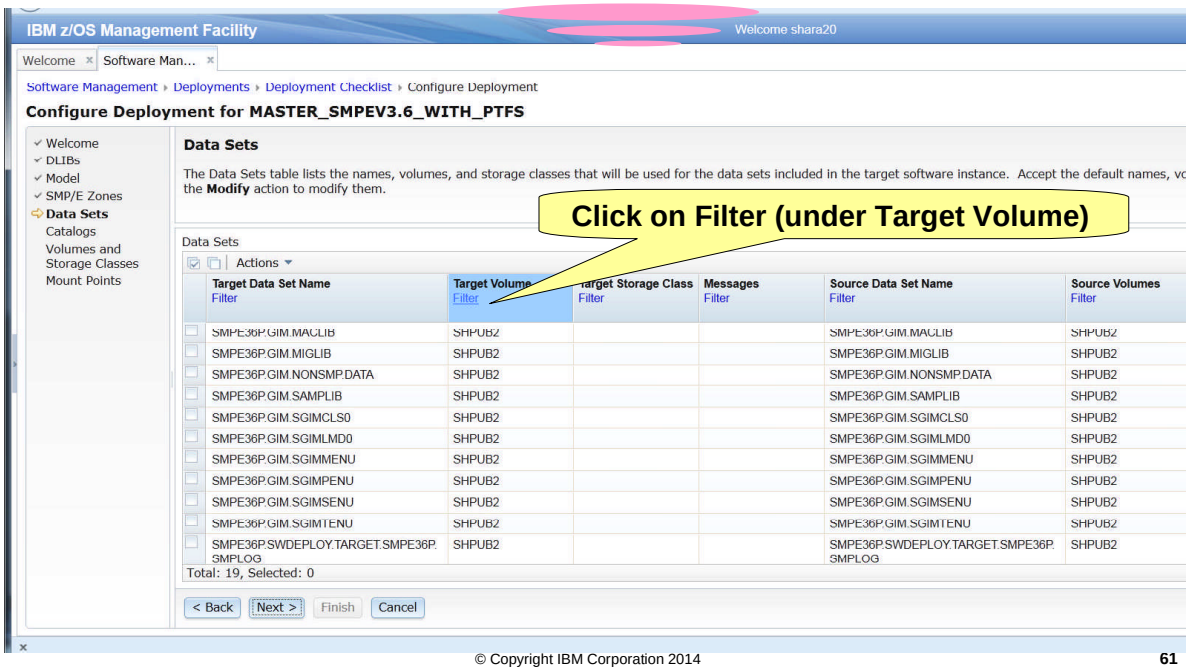
Reminder: this will be the name of the SMP/E target zone for the software instance (SMP/E V3R6 with PTFs) after it is deployed.



© Copyright IBM Corporation 2014

Step 5e: Data Sets

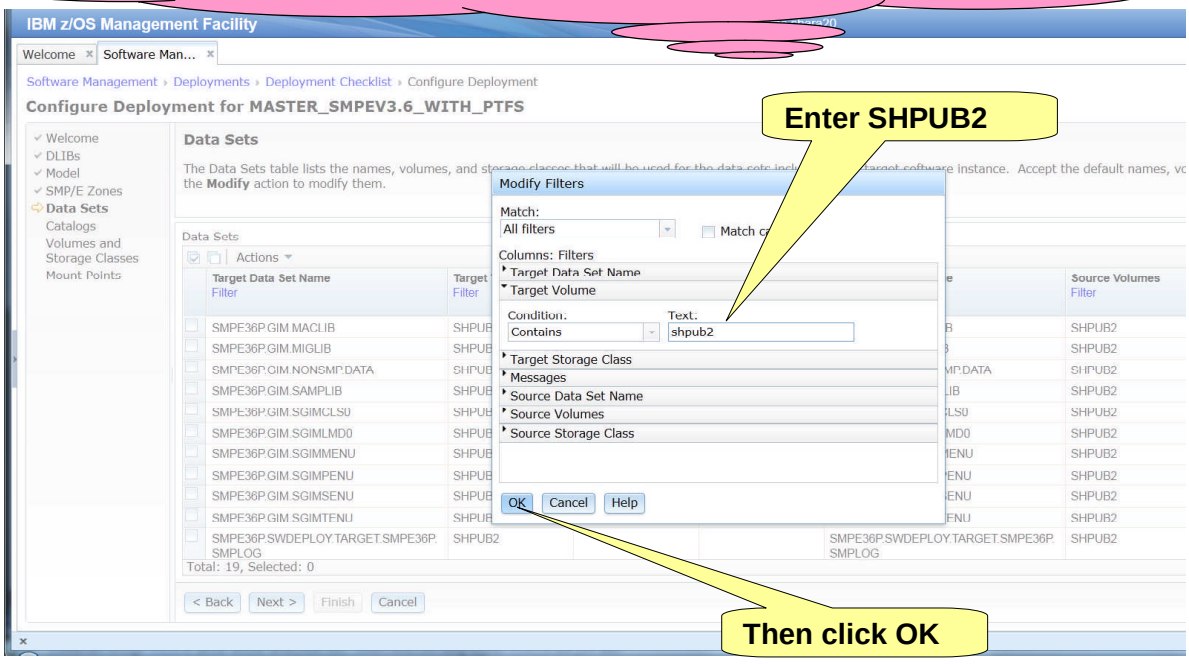
The list of data sets to be deployed is displayed. Please note that this list is dynamically built based on entries in the zones being deployed



© Copyright IBM Corporation 2014

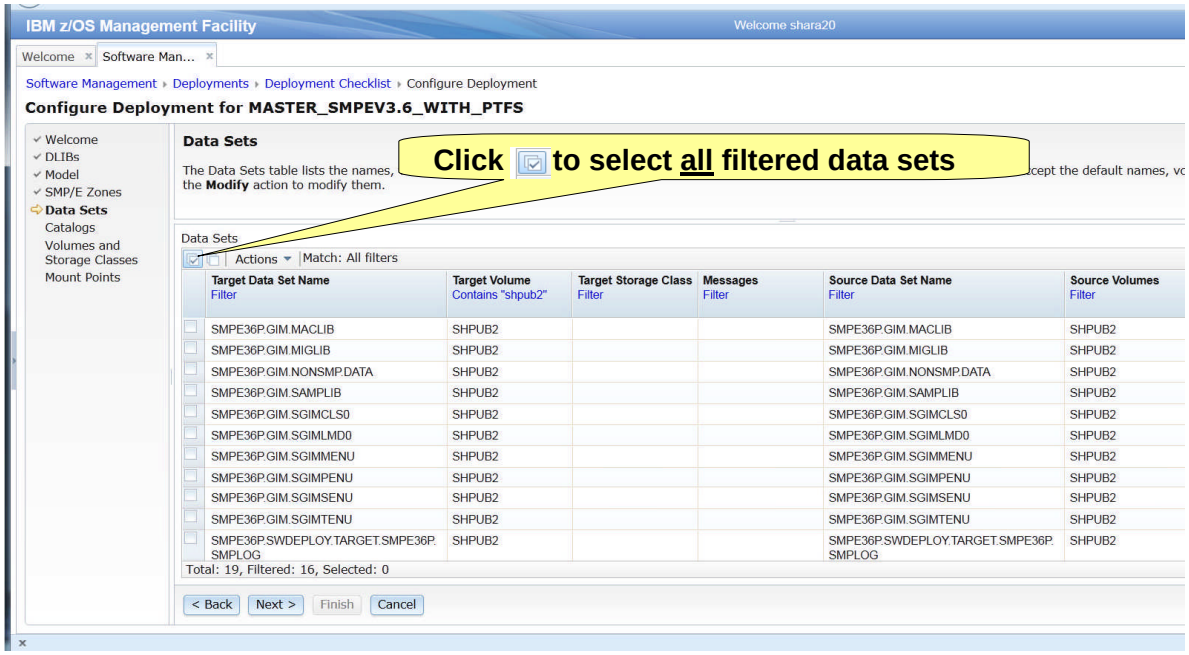
Step 5e: Data Sets …

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…



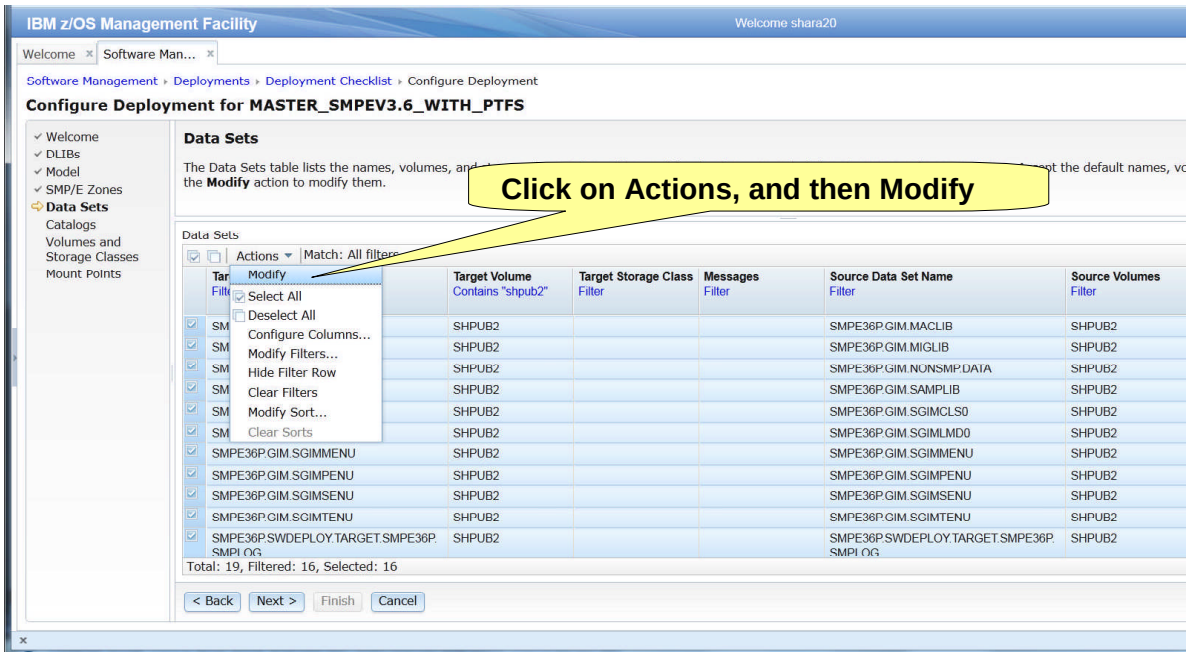
© Copyright IBM Corporation 2014

Step 5e: Data Sets …



© Copyright IBM Corporation 2014

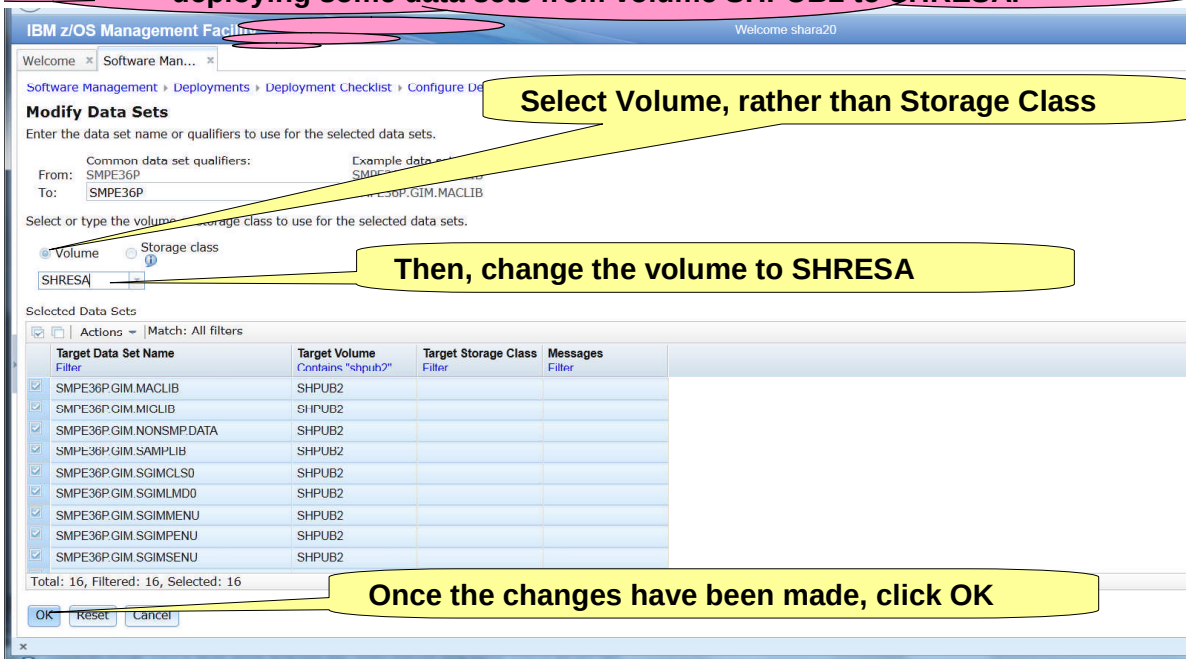
Step 5e: Data Sets …



© Copyright IBM Corporation 2014

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

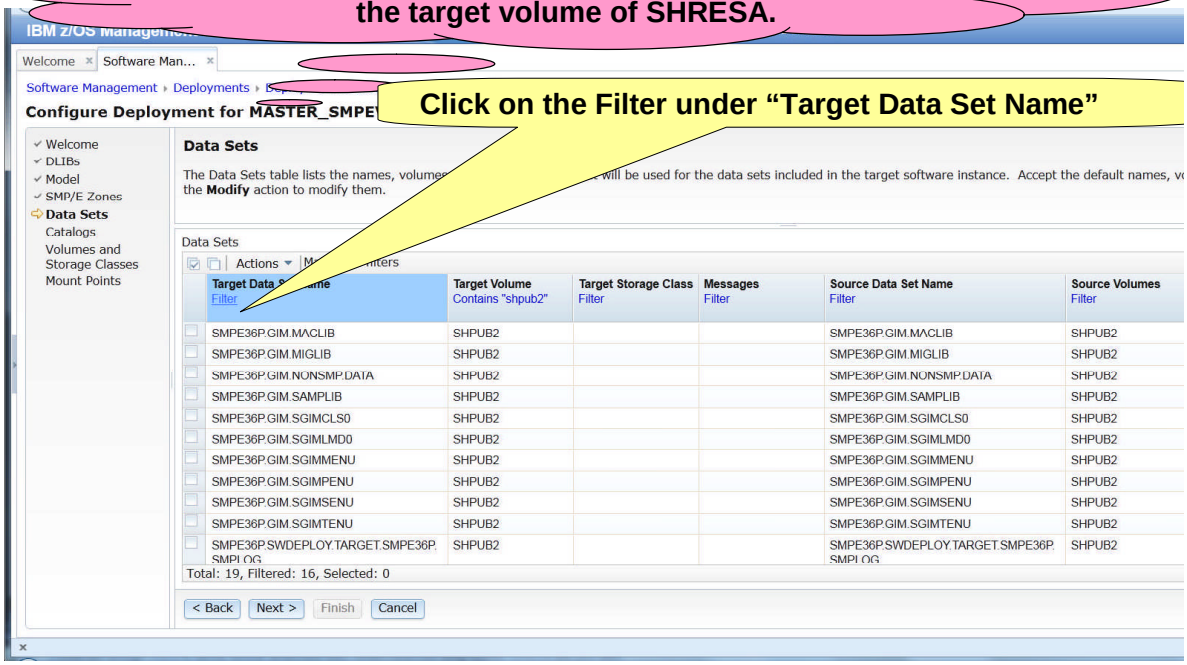
Then, change the volume to SHRESA

Once the changes have been made, click OK

© Copyright IBM Corporation 2014

Step 5e: Data Sets …

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

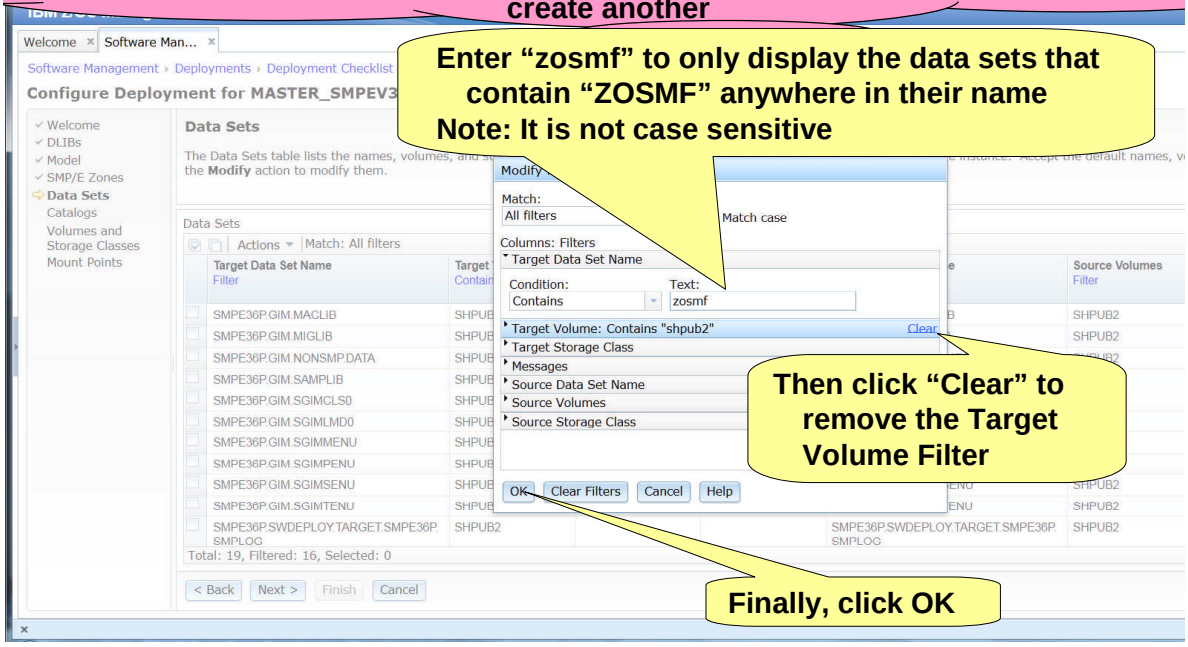


Click on the Filter under “Target Data Set Name”

© Copyright IBM Corporation 2014

Step 5e: Data Sets …

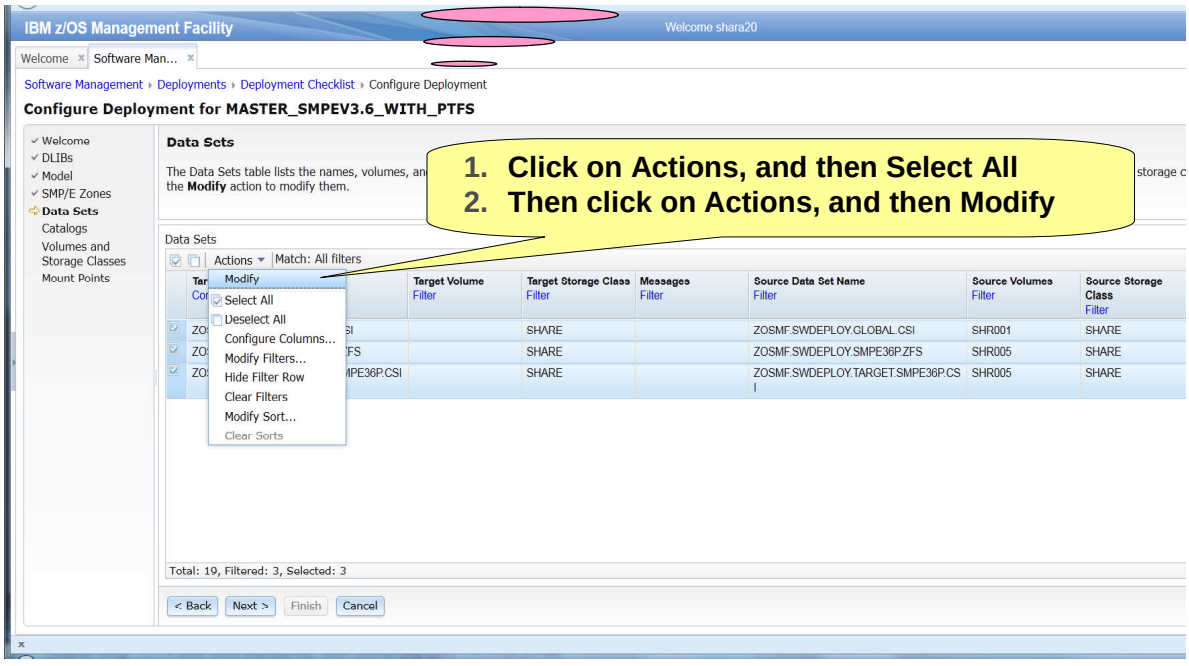
Now that you've changed the volume for some data sets, let's change the volume for some other data sets. First, you've got to remove the filter you just set and create another



© Copyright IBM Corporation 2014

Step 5e: Data Sets …

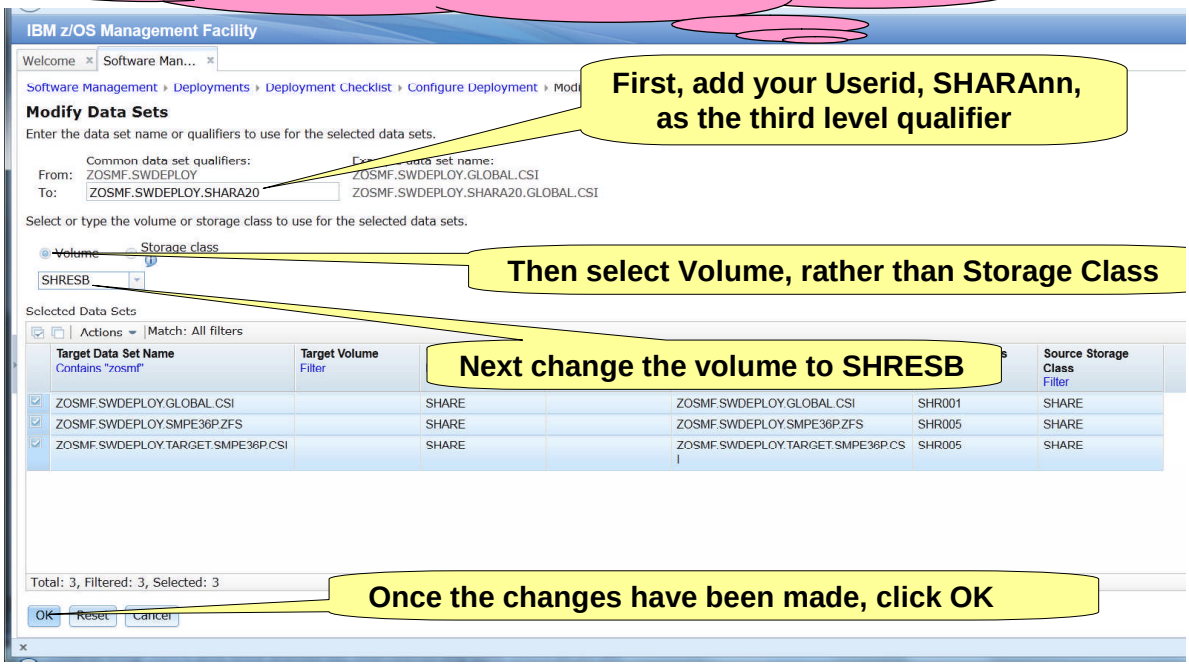
You've found the data sets that you want to change.



© Copyright IBM Corporation 2014

Step 5e: Data Sets …

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



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

Then select Volume, rather than Storage Class

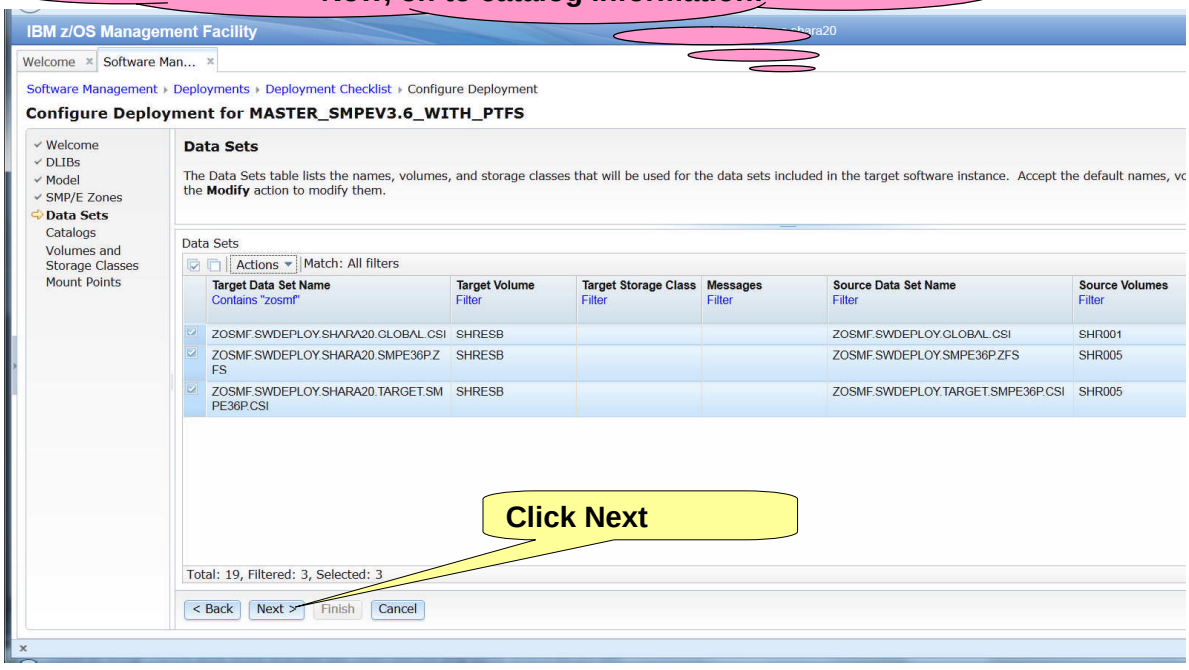
Next change the volume to SHRESB

Once the changes have been made, click OK

© Copyright IBM Corporation 2014

Step 5e: Data Sets …

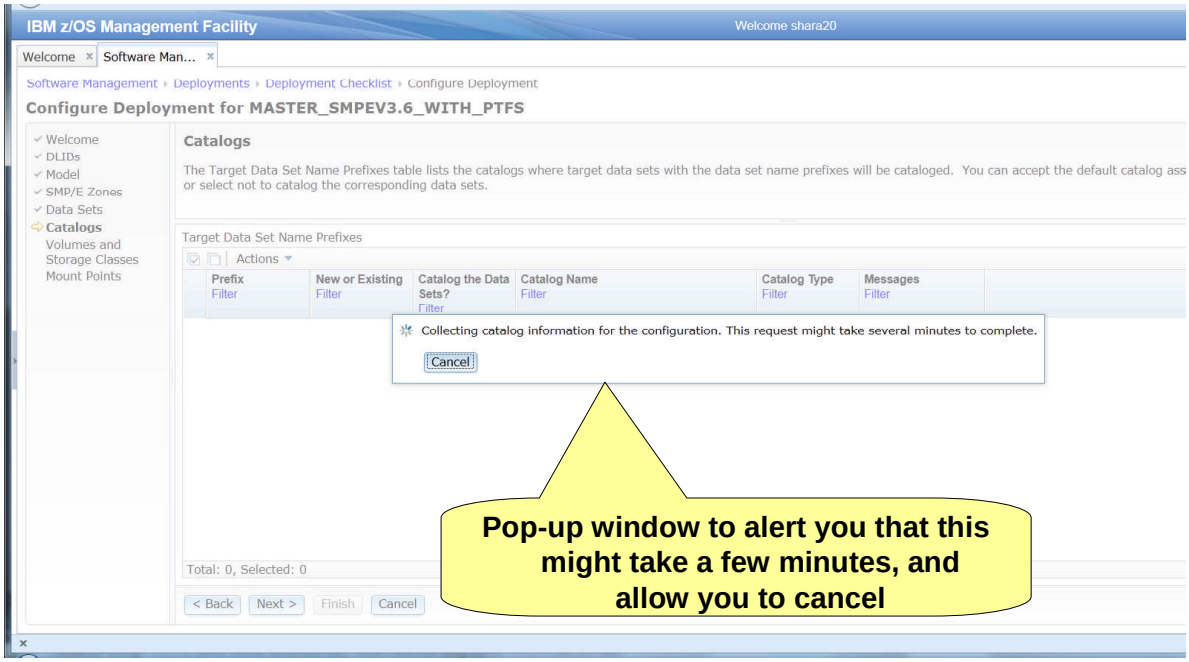
That's all the data set changes you'll do for this Lab. Now, on to catalog information!



Click Next

© Copyright IBM Corporation 2014

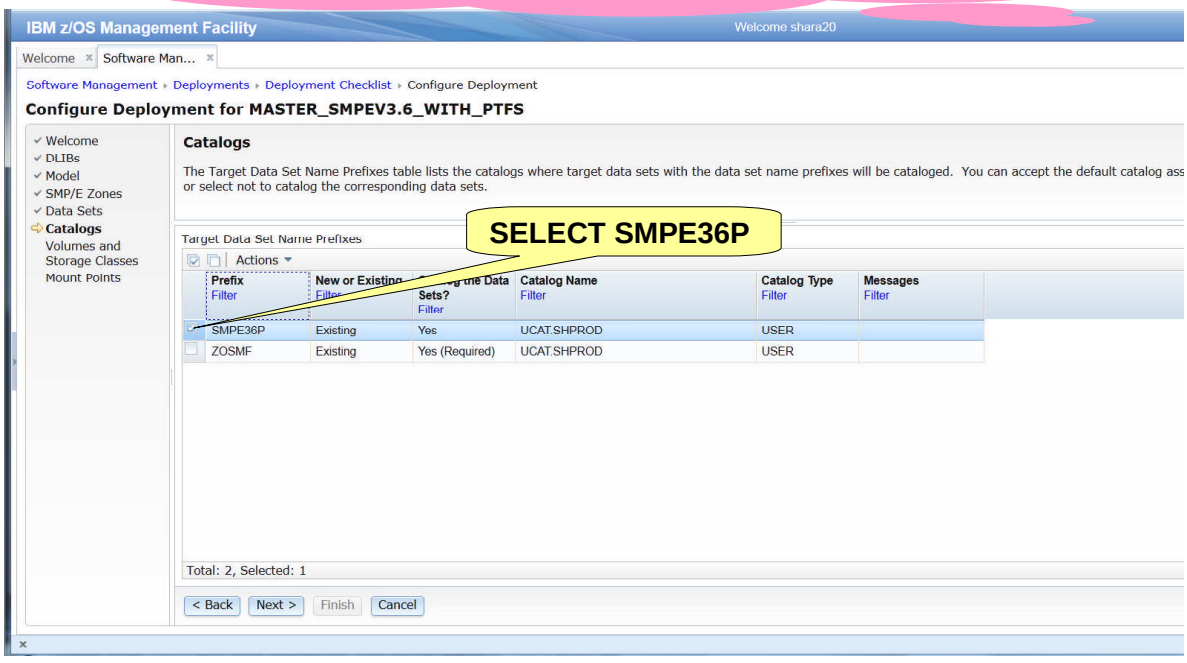
Step 5f: Catalogs



© Copyright IBM Corporation 2014

Step 5f: Catalogs …

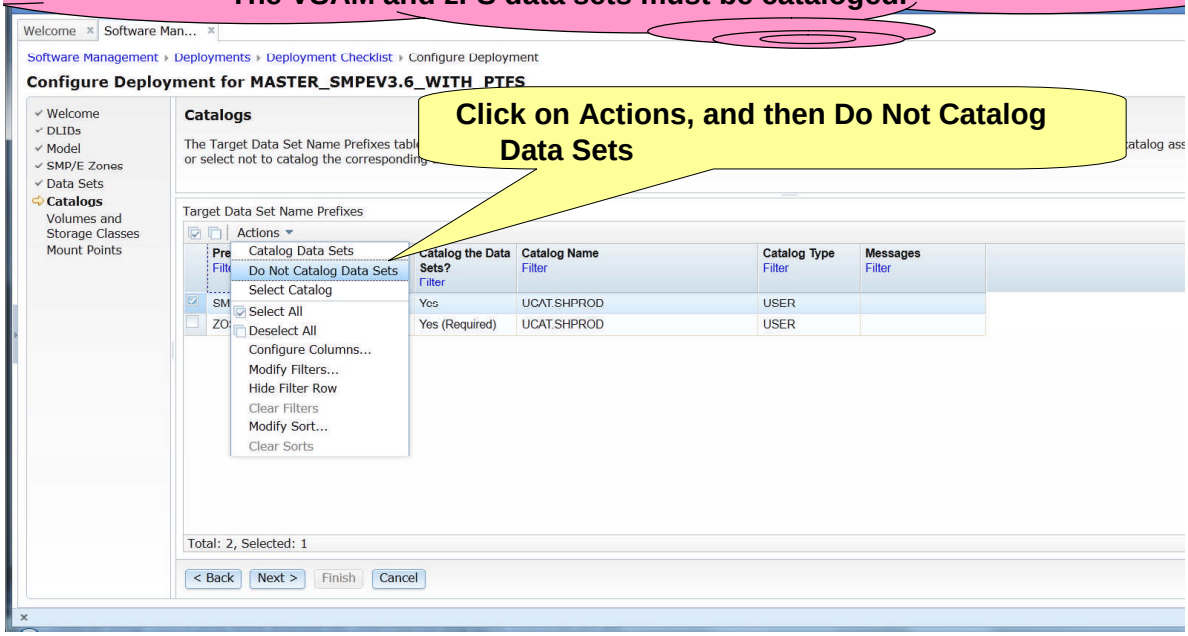
The list of data set name high level qualifiers (based on how you configured your deployment) are displayed



© Copyright IBM Corporation 2014

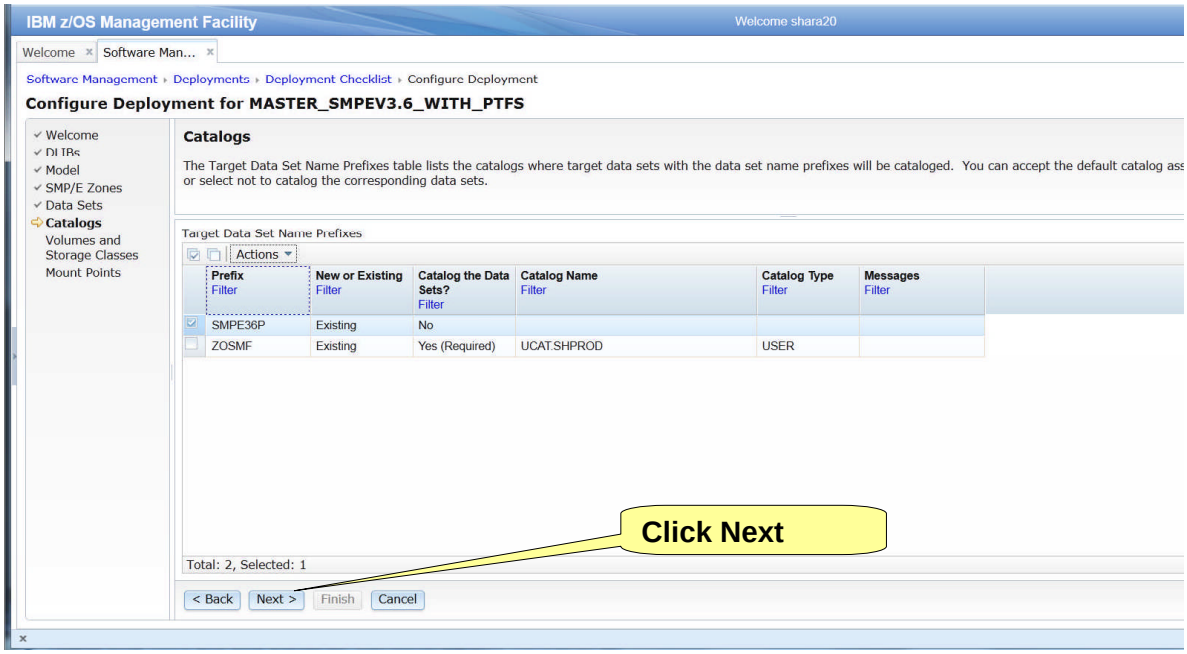
Step 5f: Catalogs …

You are <u>not</u> 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.



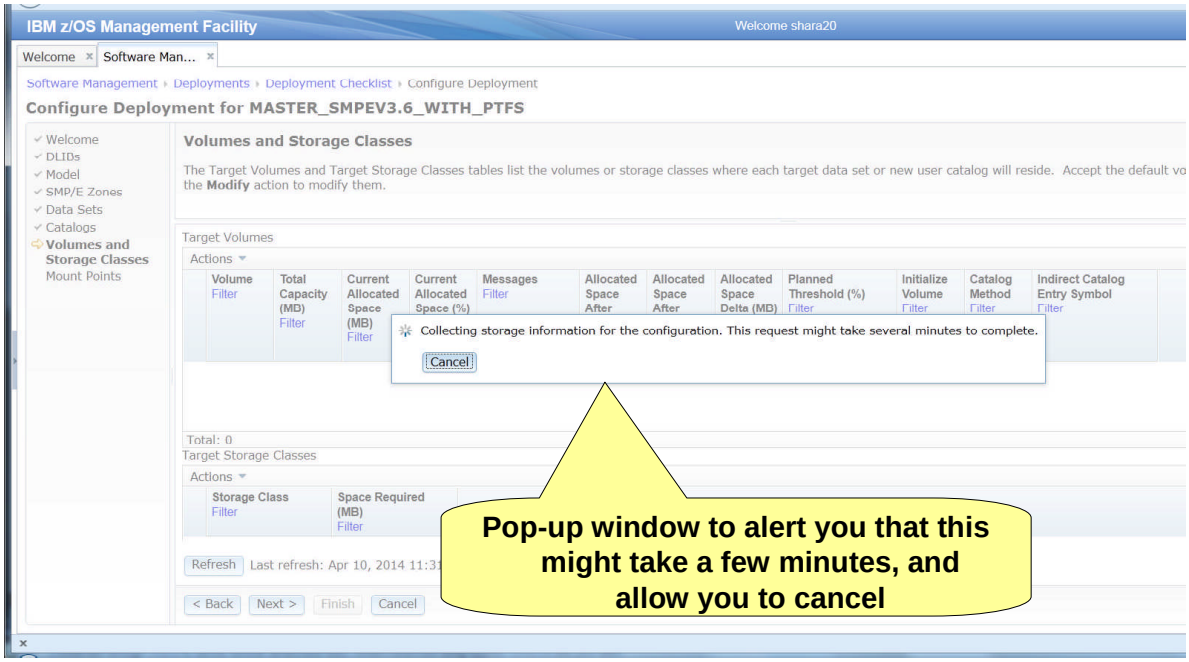
© Copyright IBM Corporation 2014

Step 5f: Catalogs …



© Copyright IBM Corporation 2014

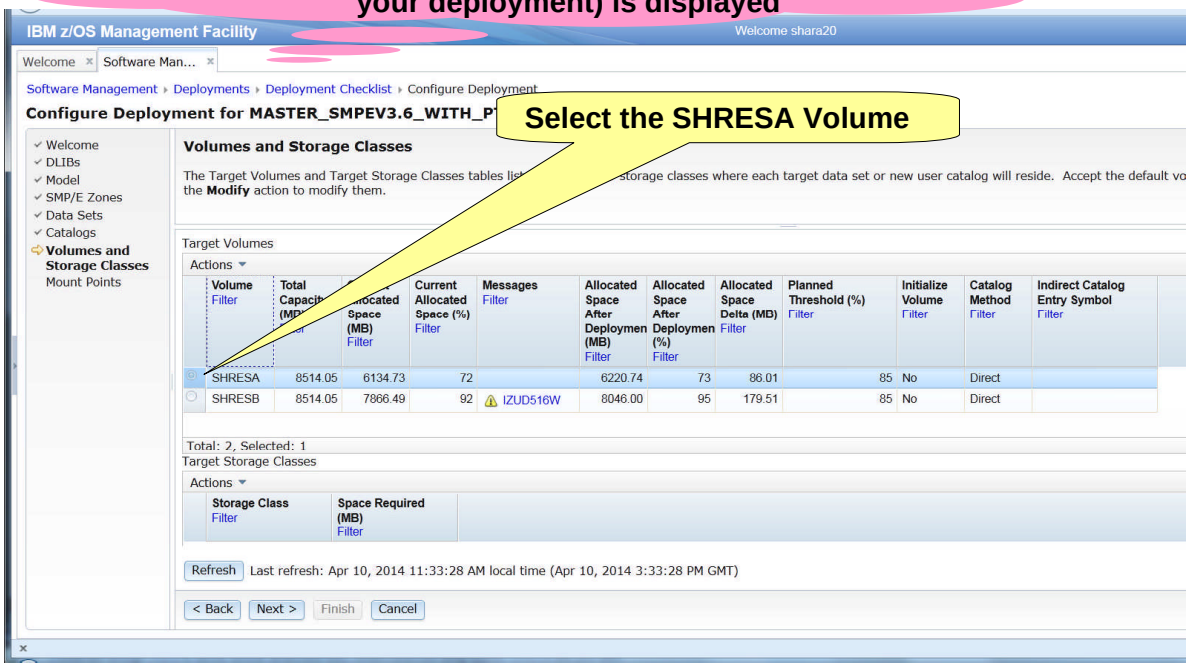
Step 5g: Volumes and Storage Classes



© Copyright IBM Corporation 2014

Step 5g: Volumes and Storage Classes …

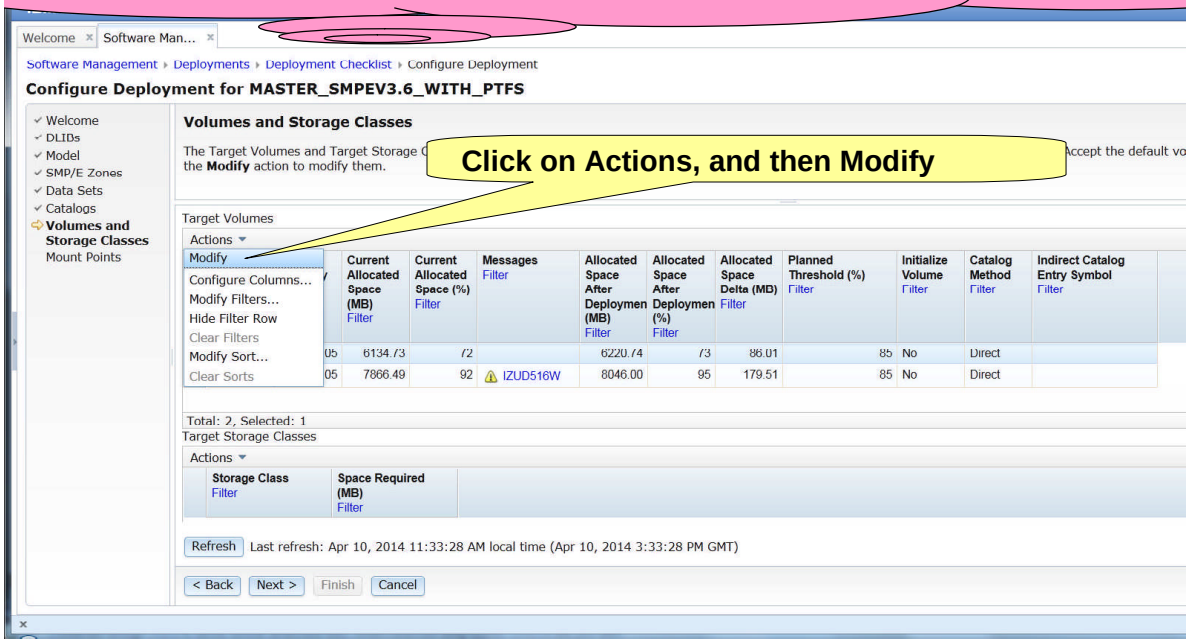
The list of volumes (based on how you configured your deployment) is displayed



© Copyright IBM Corporation 2014

Step 5g: Volumes and Storage Classes …

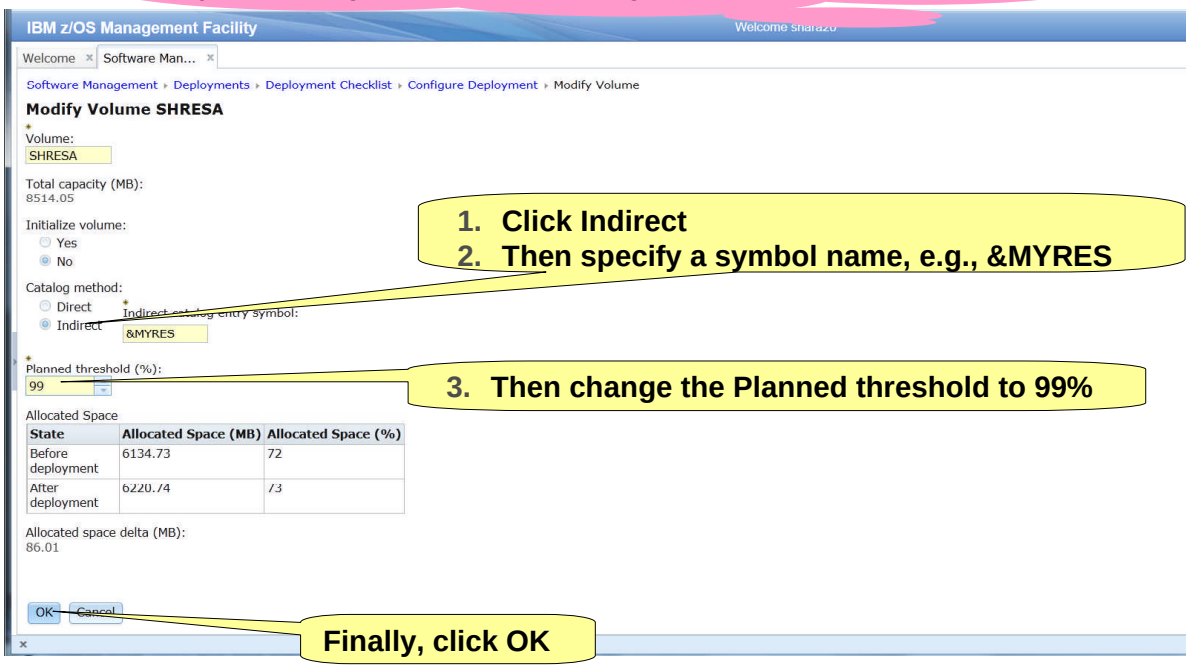
Let's see how you could change some attributes of one of the volumes for this Deployment. Please note that these changes are NOT needed for this deployment



© Copyright IBM Corporation 2014

Step 5g: Volumes and Storage Classes …

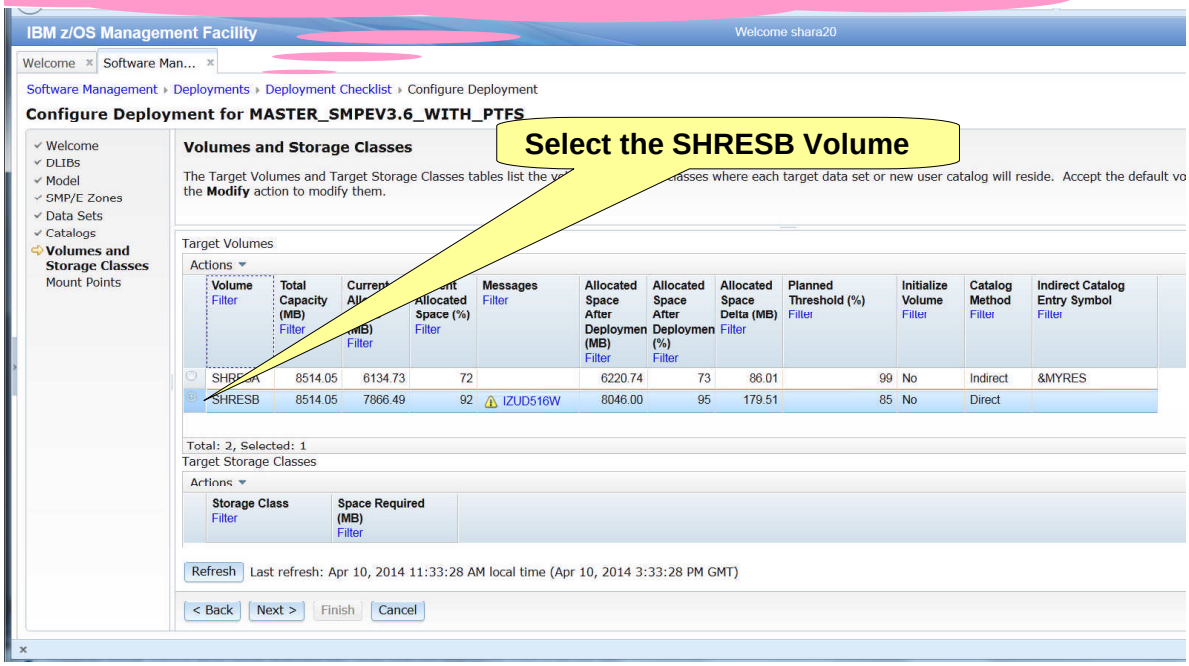
The list of attributed of the selected volume is displayed allowing you to change the values, including the volume serial number



© Copyright IBM Corporation 2014

Step 5g: Volumes and Storage Classes …

Now we will clear up the warning message displayed below



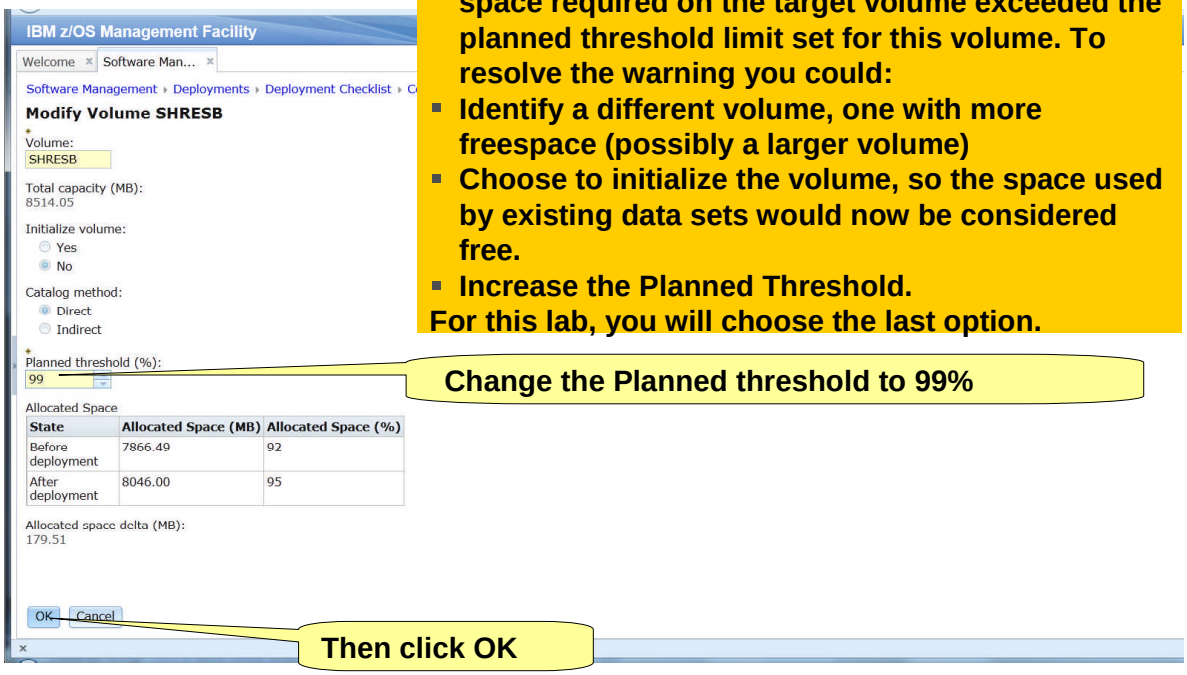
© Copyright IBM Corporation 2014

Step 5g: Volumes and Storage Classes …

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.**

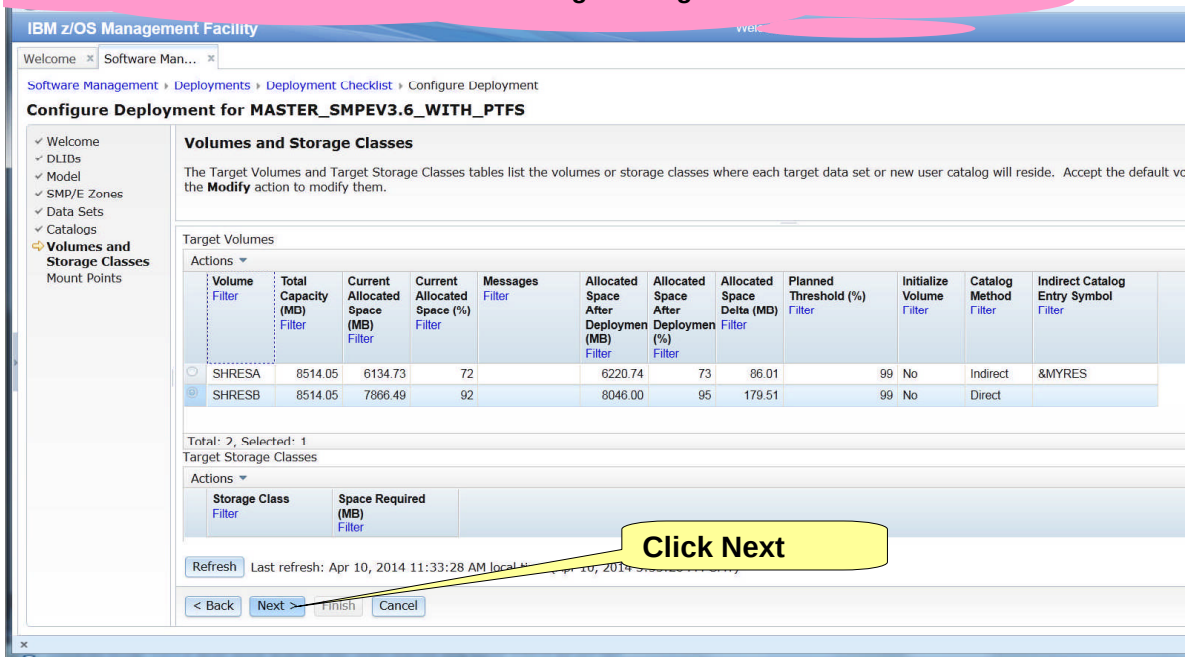
For this lab, you will choose the last option.



© Copyright IBM Corporation 2014

Step 5g: Volumes and Storage Classes …

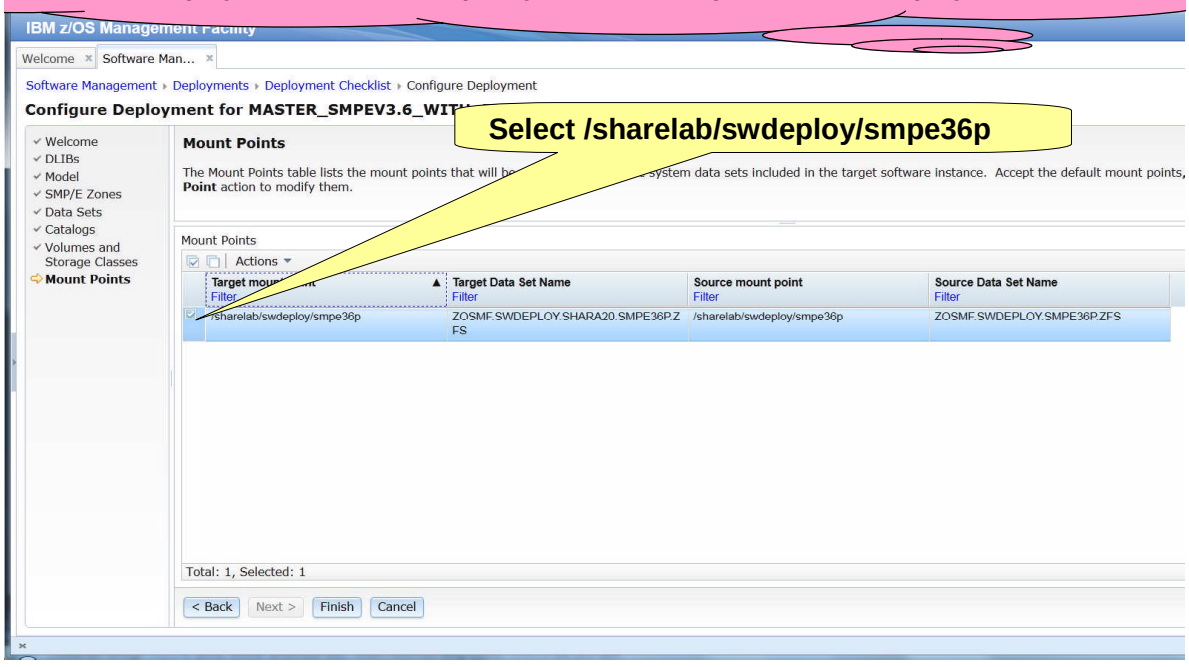
The table is updated to reflect the changes to SHRESA and SHRESB. Notice that the warning message has been resolved!



© Copyright IBM Corporation 2014

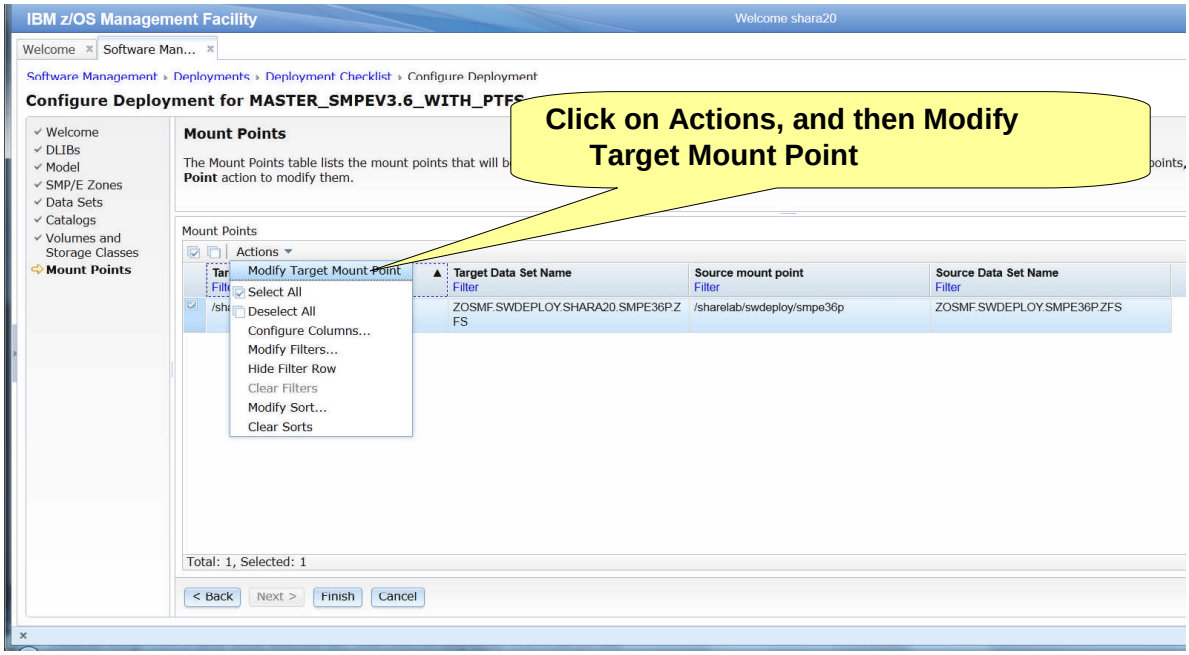
Step 5h: Mount Points

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.



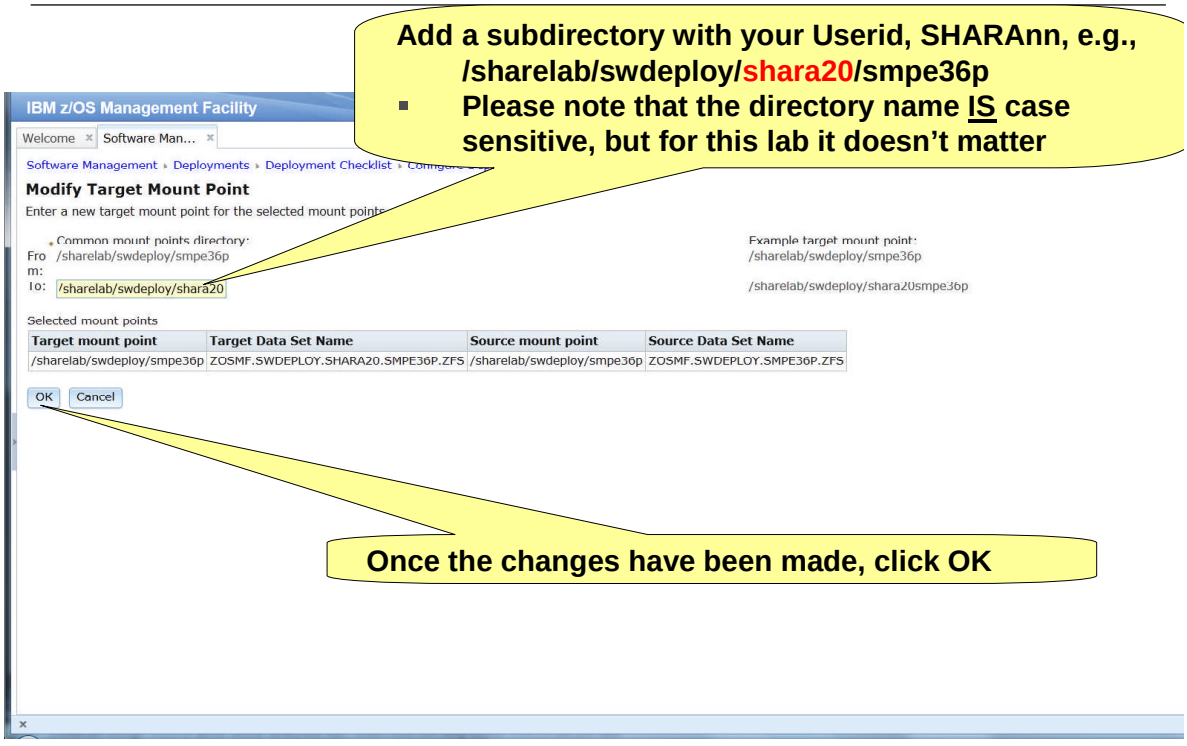
© Copyright IBM Corporation 2014

Step 5h: Mount Points …



© Copyright IBM Corporation 2014

Step 5h: Mount Points …



© Copyright IBM Corporation 2014

Brief advertisement of recently enhanced function

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

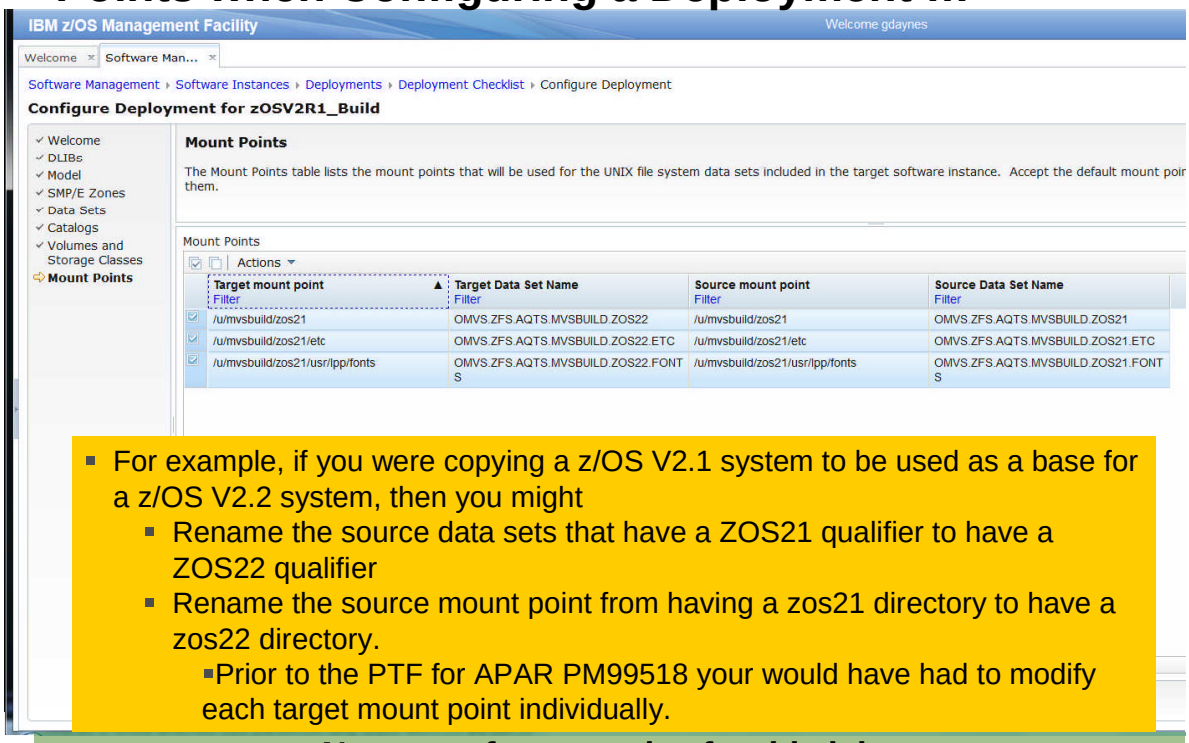
© Copyright IBM Corporation 2014

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

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

© Copyright IBM Corporation 2014

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

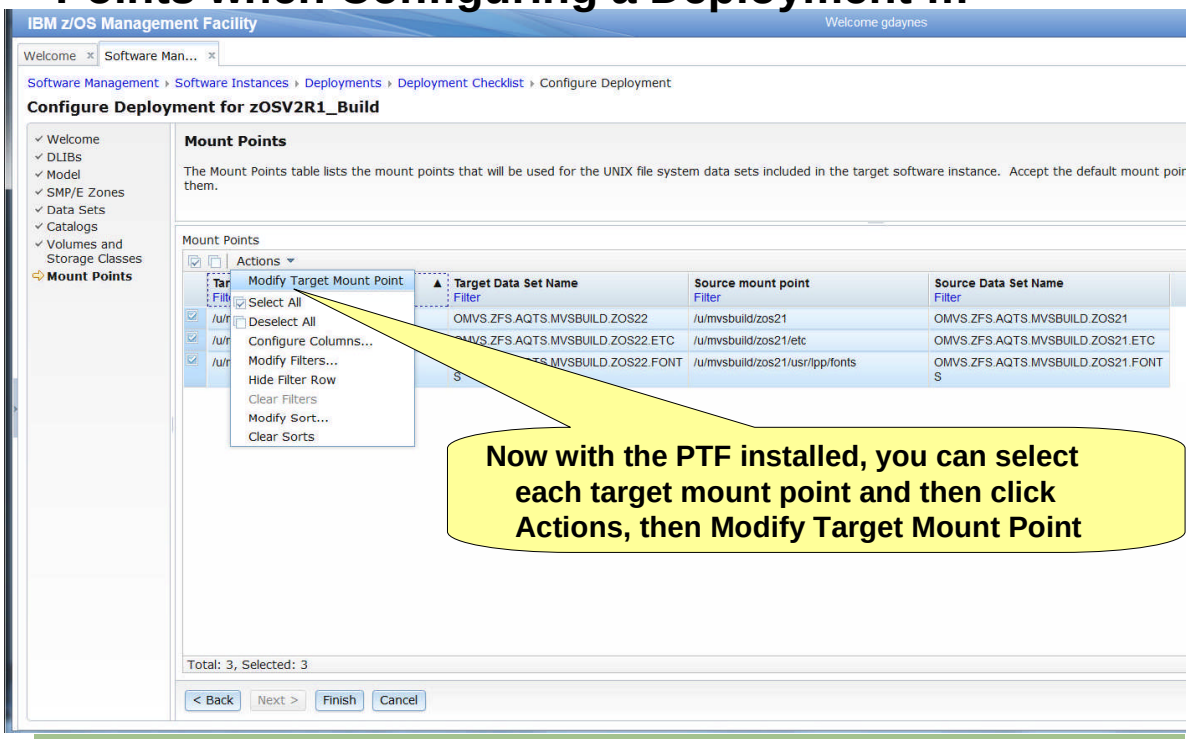


- For example, if you were copying a z/OS V2.1 system to be used as a base for a z/OS V2.2 system, then you might
  - Rename the source data sets that have a ZOS21 qualifier to have a ZOS22 qualifier
  - Rename the source mount point from having a zos21 directory to have a zos22 directory.
    - Prior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

Not part of an exercise for this lab.

© Copyright IBM Corporation 2014

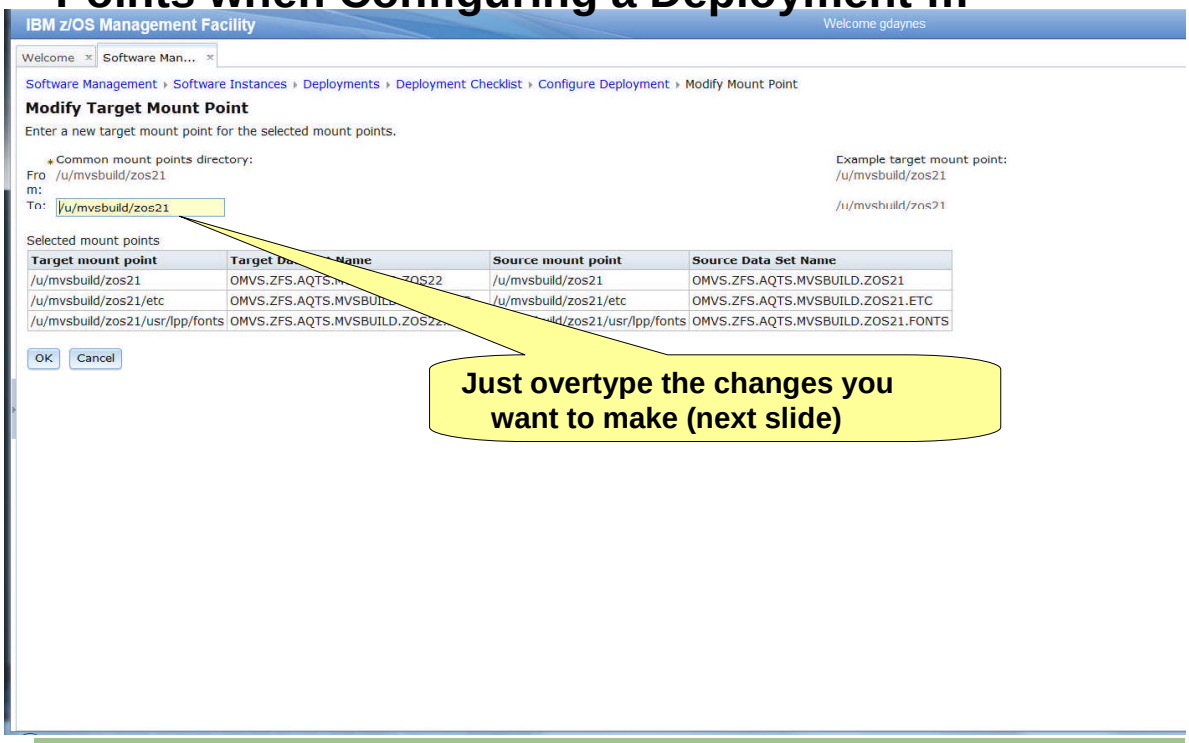
Mass Edit Capabilities for z/OS UNIX Mount Points when Configuring a Deployment …



Not part of an exercise for this lab.

© Copyright IBM Corporation 2014

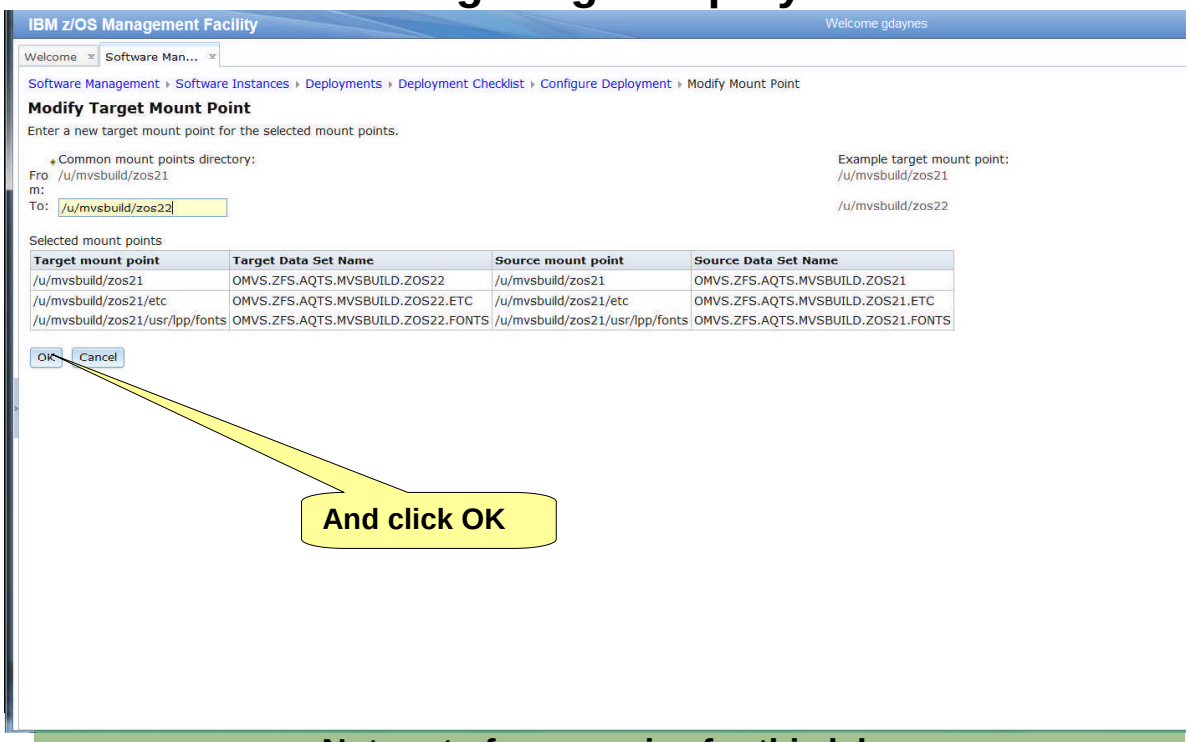
Mass Edit Capabilities for z/OS UNIX Mount Points when Configuring a Deployment …



Not part of an exercise for this lab.

© Copyright IBM Corporation 2014

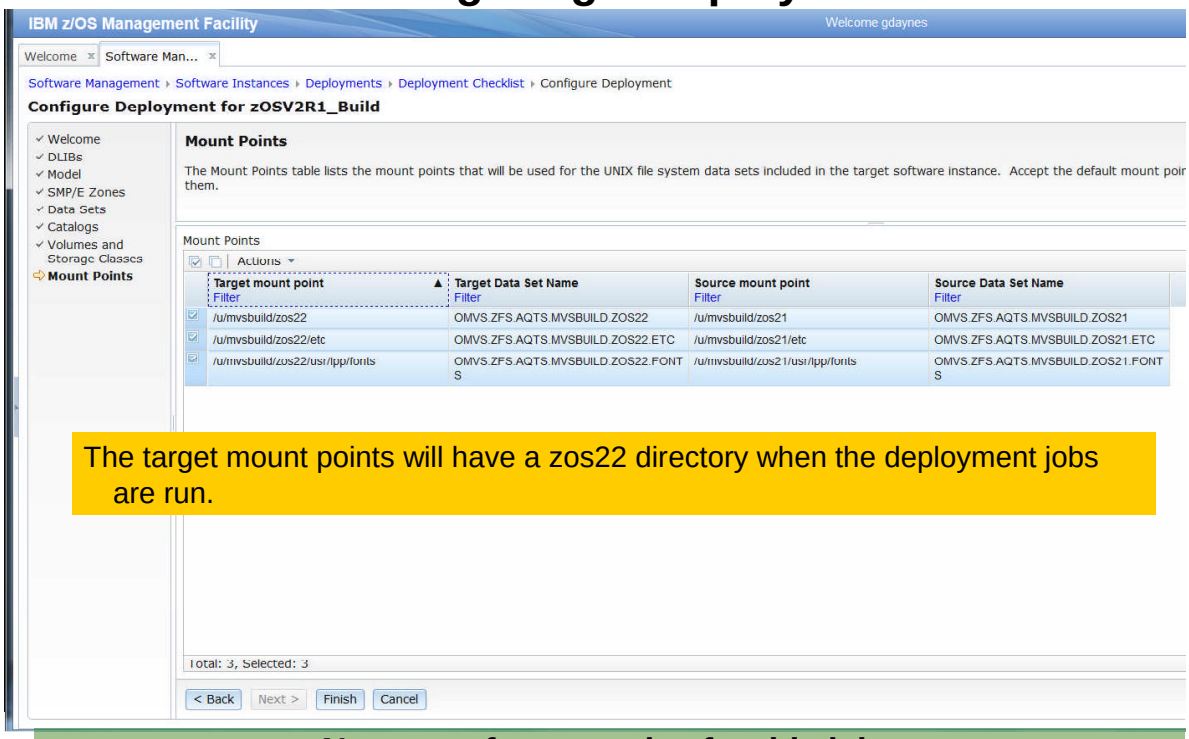
Mass Edit Capabilities for z/OS UNIX Mount Points when Configuring a Deployment …



Not part of an exercise for this lab.

© Copyright IBM Corporation 2014

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



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

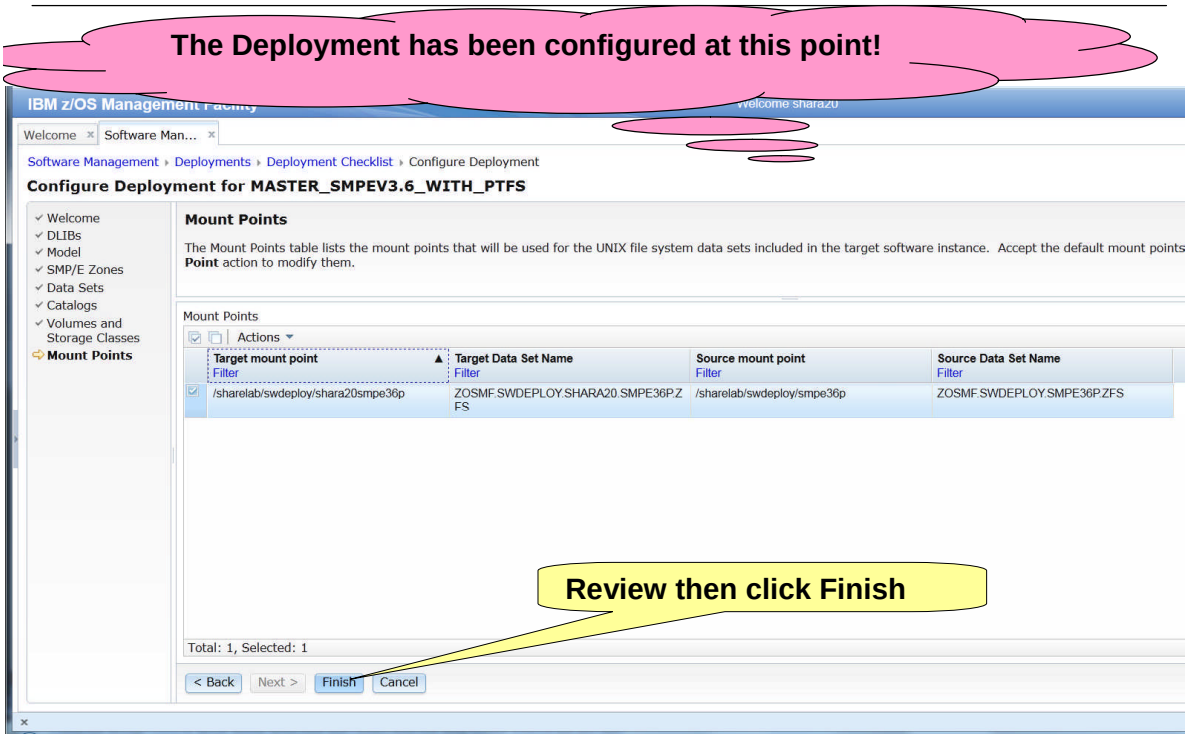
Not part of an exercise for this lab.

© Copyright IBM Corporation 2014

Back to the regularly scheduled program (lab)

© Copyright IBM Corporation 2014

Step 5: Configure the Deployment …



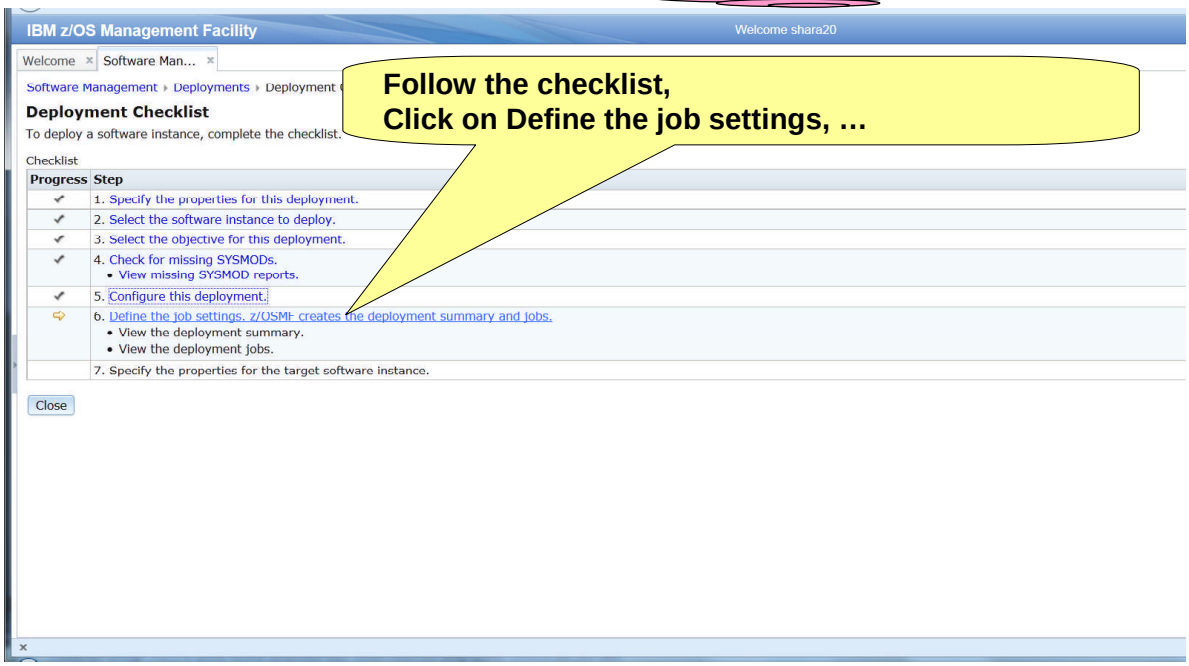
© Copyright IBM Corporation 2014

Step 6: Create deployment jobs and summary

© Copyright IBM Corporation 2014

Step 6: Create Deployment Jobs and Summary

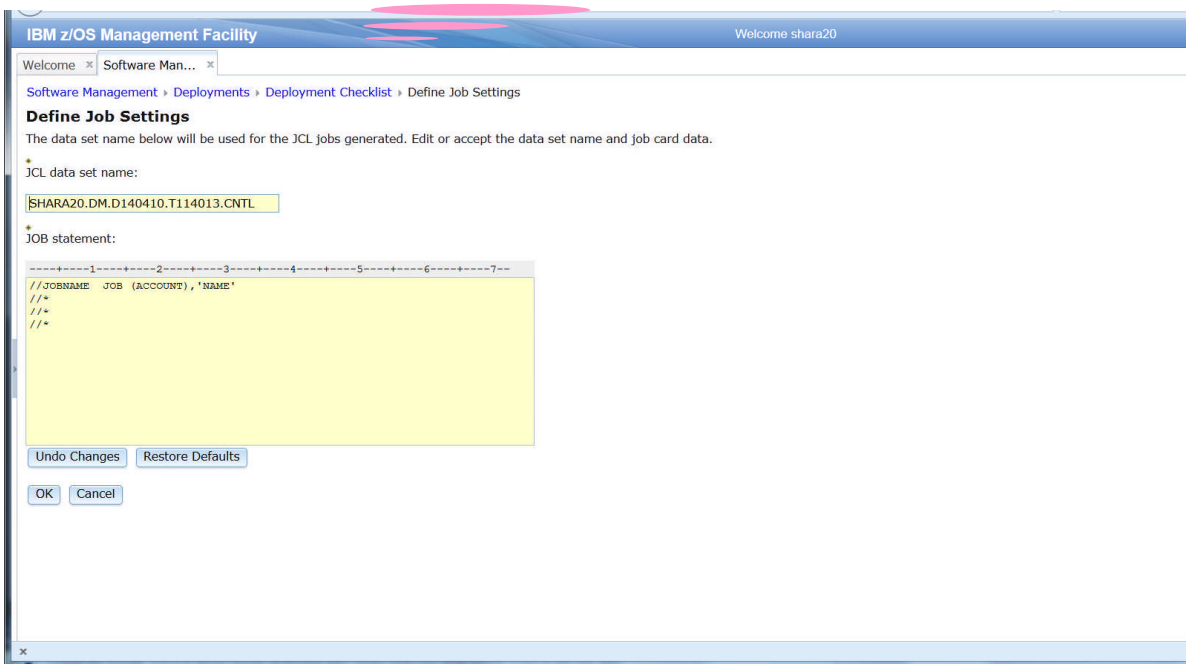
At this point, you'll prepare to create the jobs for the Deployment.



© Copyright IBM Corporation 2014

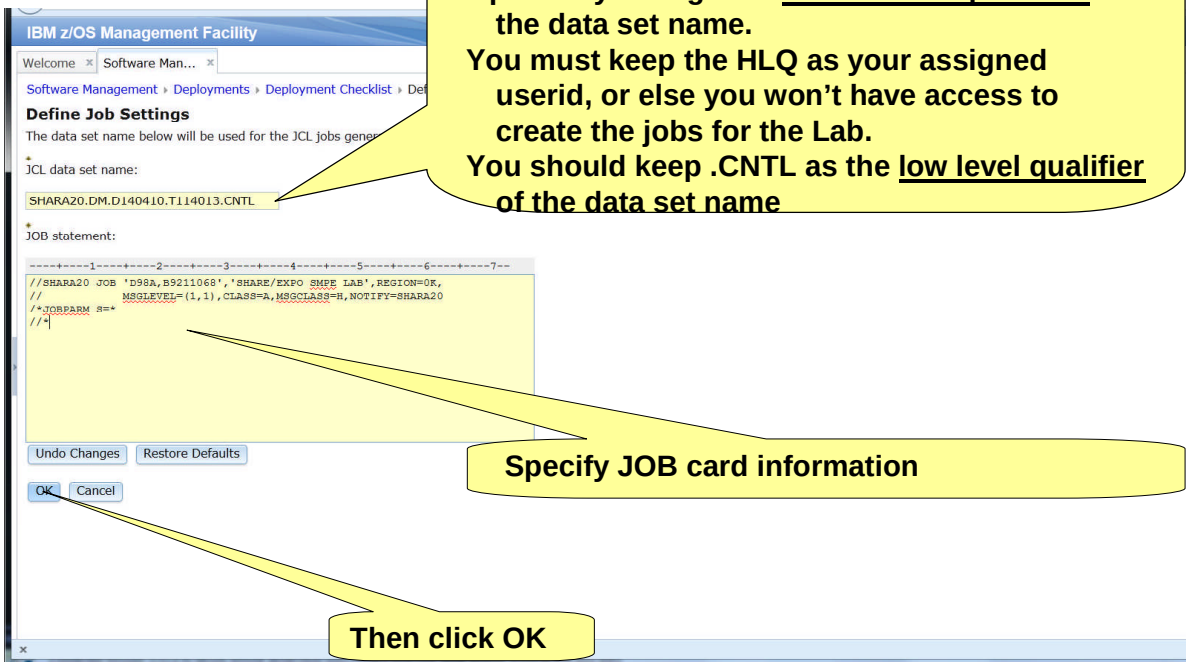
Step 6a: Define Job Settings

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



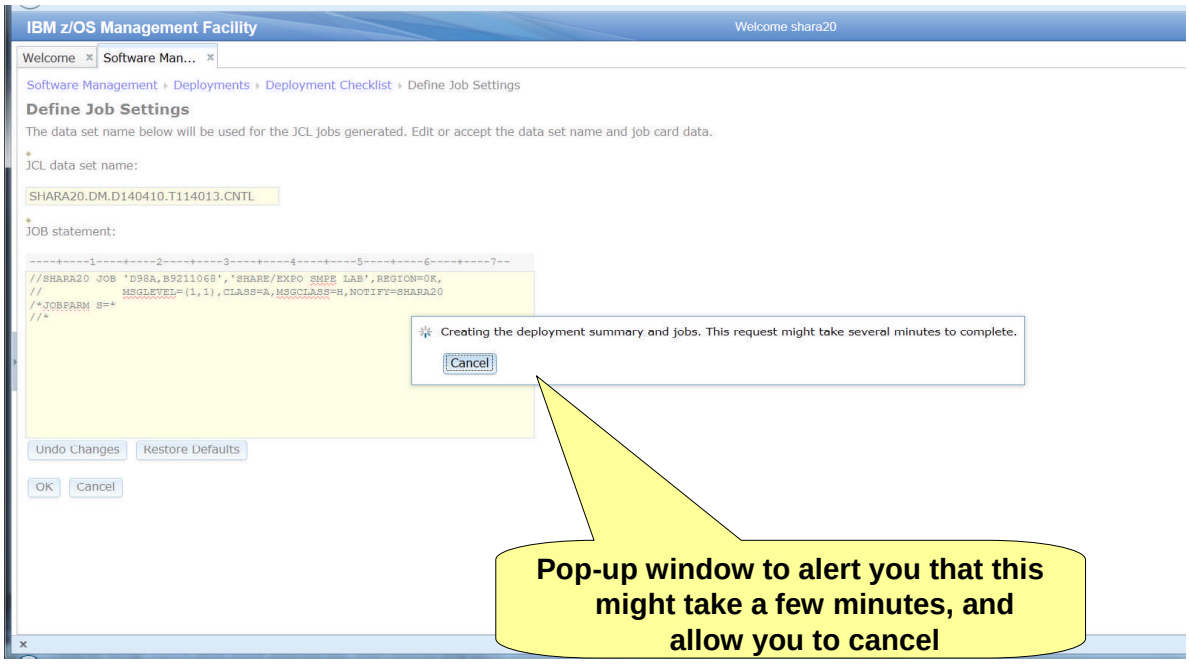
© Copyright IBM Corporation 2014

Step 6a: Define Job Settings …



© Copyright IBM Corporation 2014

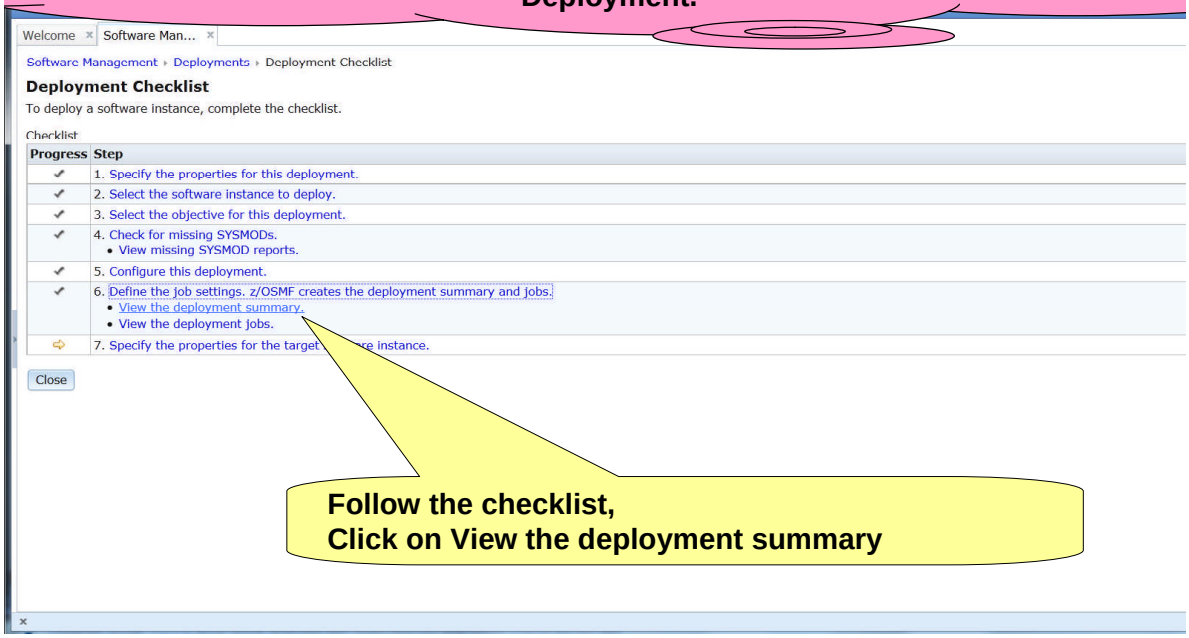
Step 6a: Define Job Settings …



© Copyright IBM Corporation 2014

Step 6b: View the Deployment Summary

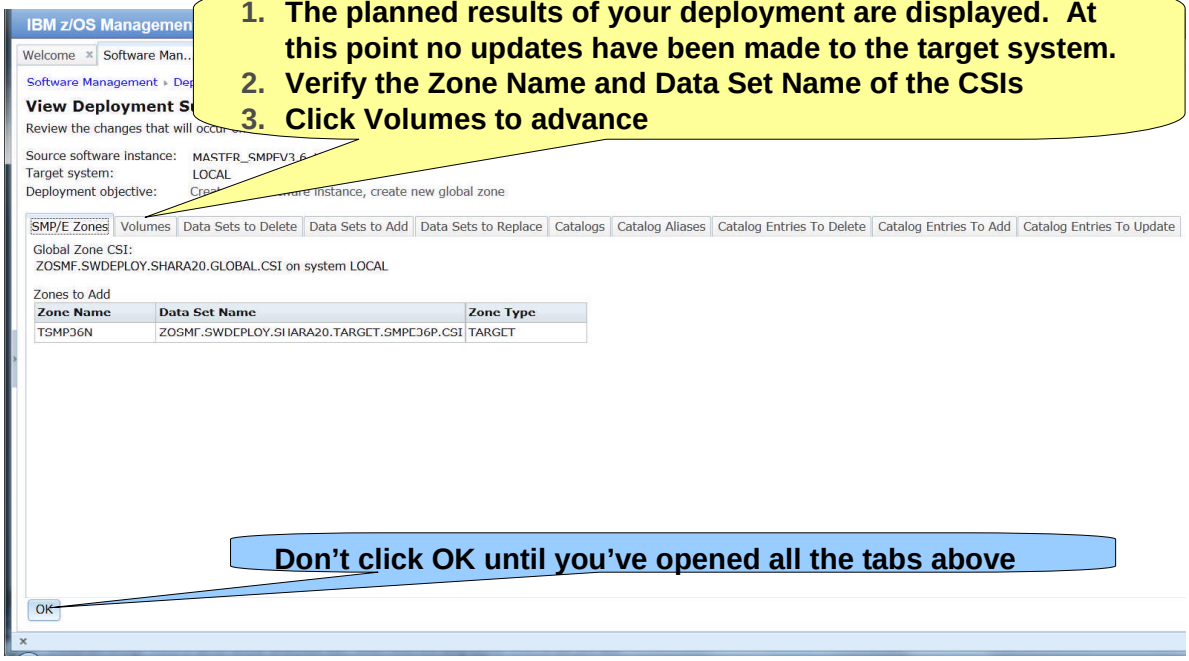
You now have the deployment jobs created which represent all the information you've provided! You can look at all that information in the summary about this Deployment.



© Copyright IBM Corporation 2014

Step 6b.1: View the Deployment Summary …

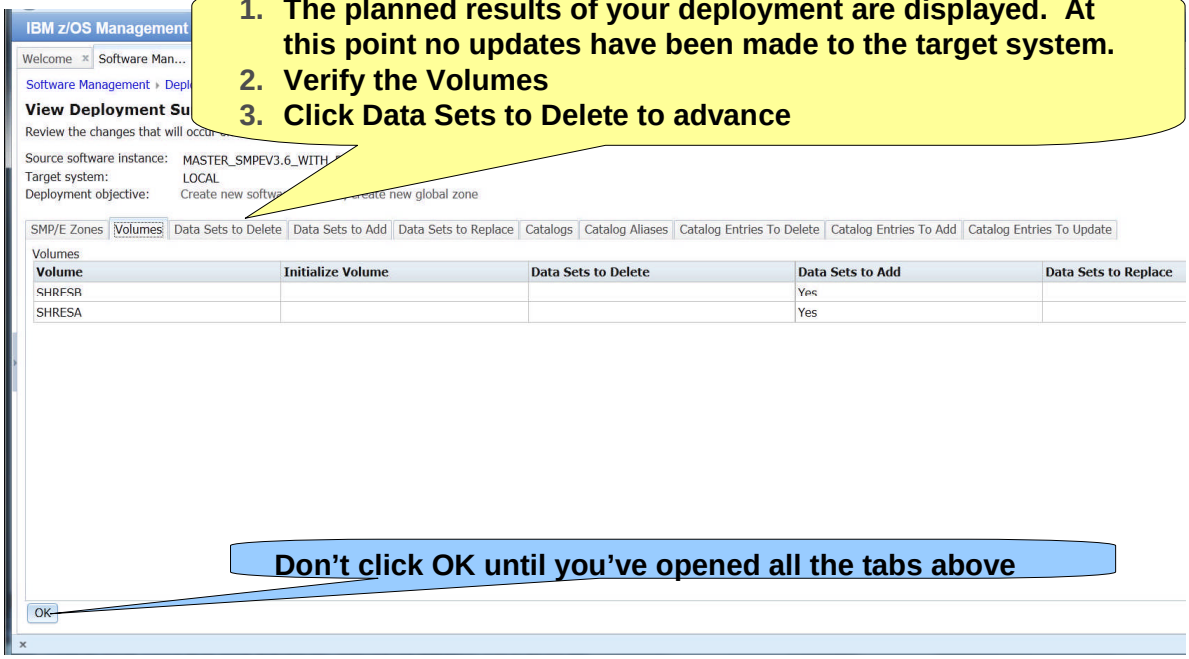
Results displayed – SMP/E Zones



© Copyright IBM Corporation 2014

Step 6b.2: View the Deployment Summary …

Results displayed - Volumes



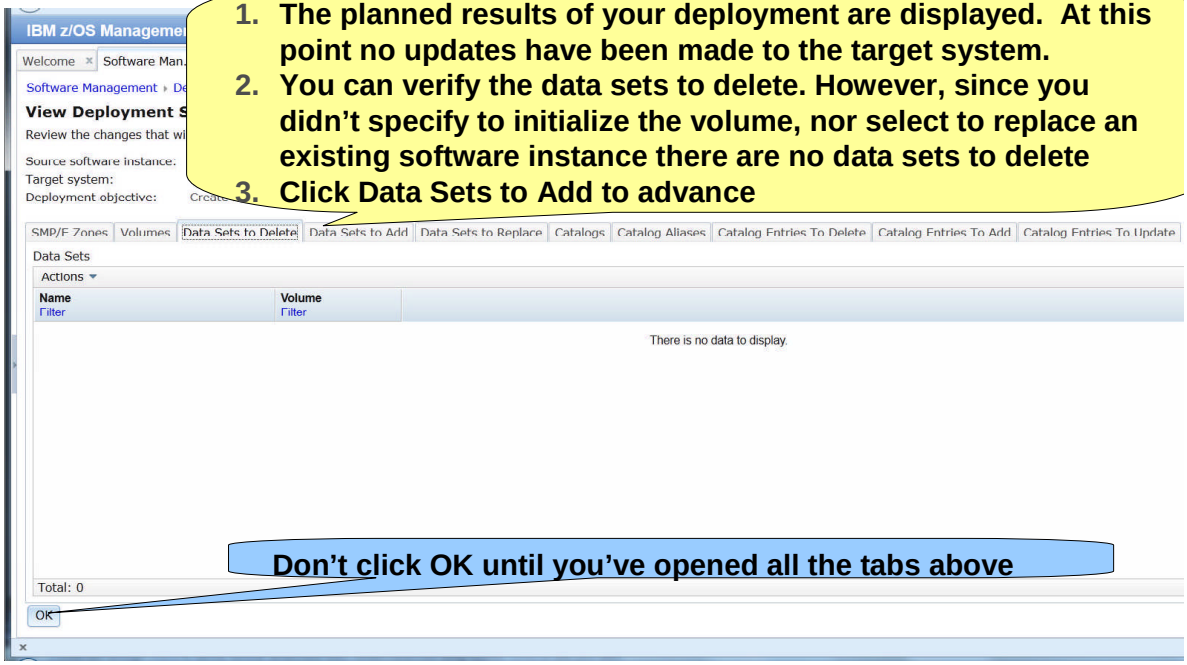
1. **The planned results of your deployment are displayed. At this point no updates have been made to the target system.**
2. **Verify the Volumes**
3. **Click Data Sets to Delete to advance**

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

© Copyright IBM Corporation 2014

Step 6b.3: View the Deployment Summary …

Results displayed – Data Sets to Delete



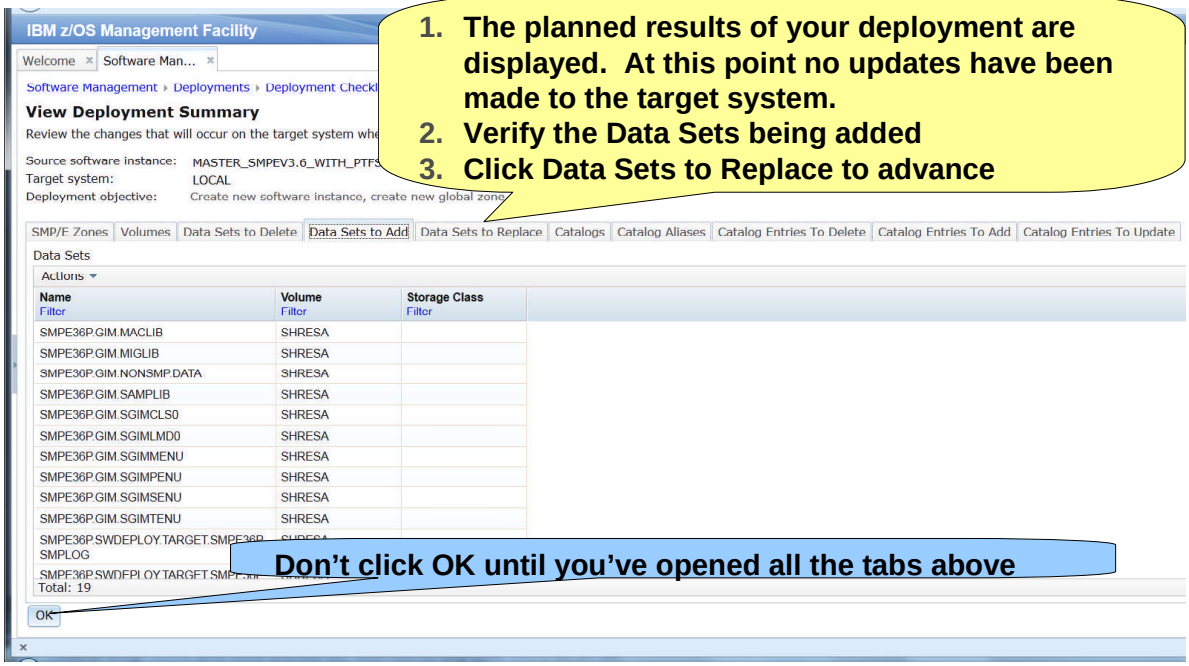
1. **The planned results of your deployment are displayed. At this point no updates have been made to the target system.**
2. **You can verify the data sets to delete. However, since you didn't specify to initialize the volume, nor select to replace an existing software instance there are no data sets to delete**
3. **Click Data Sets to Add to advance**

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

© Copyright IBM Corporation 2014

Step 6b.4: View the Deployment Summary …

Results displayed – Data Sets to Add



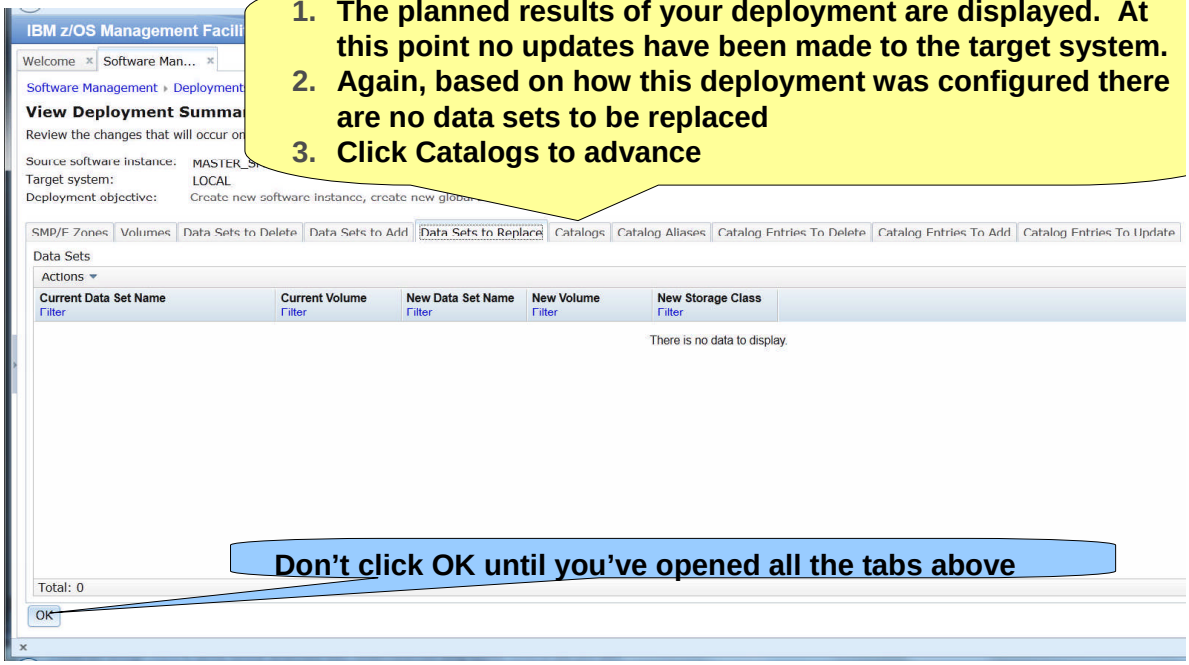
1. **The planned results of your deployment are displayed. At this point no updates have been made to the target system.**
2. **Verify the Data Sets being added**
3. **Click Data Sets to Replace to advance**

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

© Copyright IBM Corporation 2014

Step 6b.5: View the Deployment Summary …

Results displayed – Data Sets to Replace



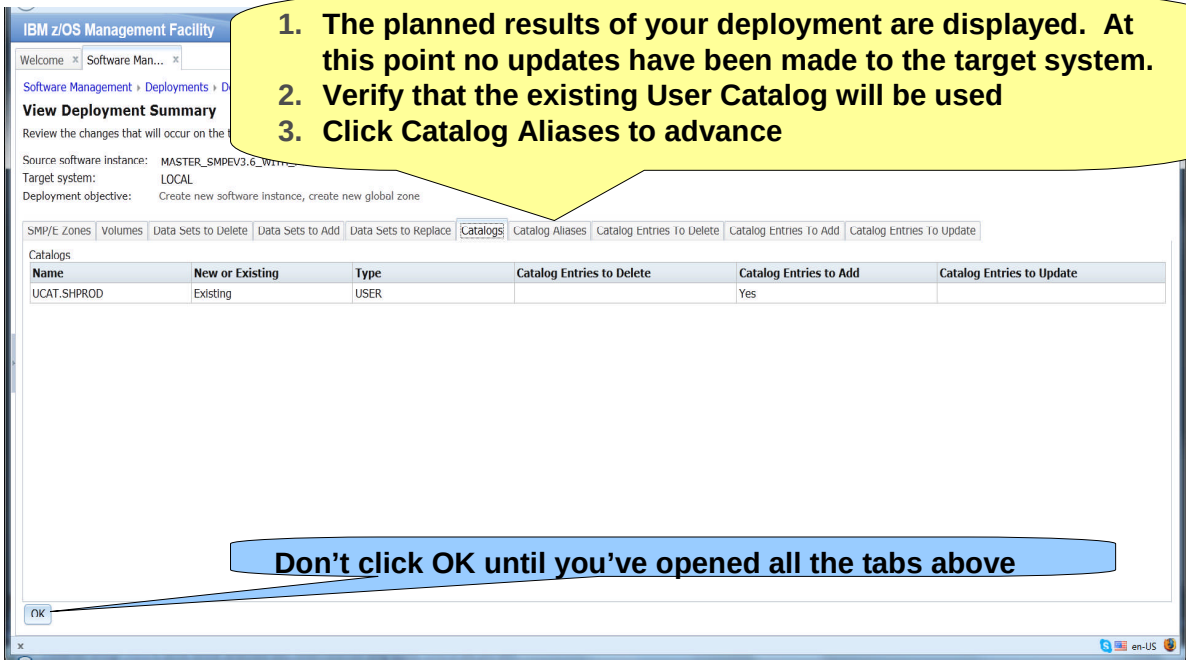
1. **The planned results of your deployment are displayed. At this point no updates have been made to the target system.**
2. **Again, based on how this deployment was configured there are no data sets to be replaced**
3. **Click Catalogs to advance**

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

© Copyright IBM Corporation 2014

Step 6b.6: View the Deployment Summary …

Results displayed - Catalogs



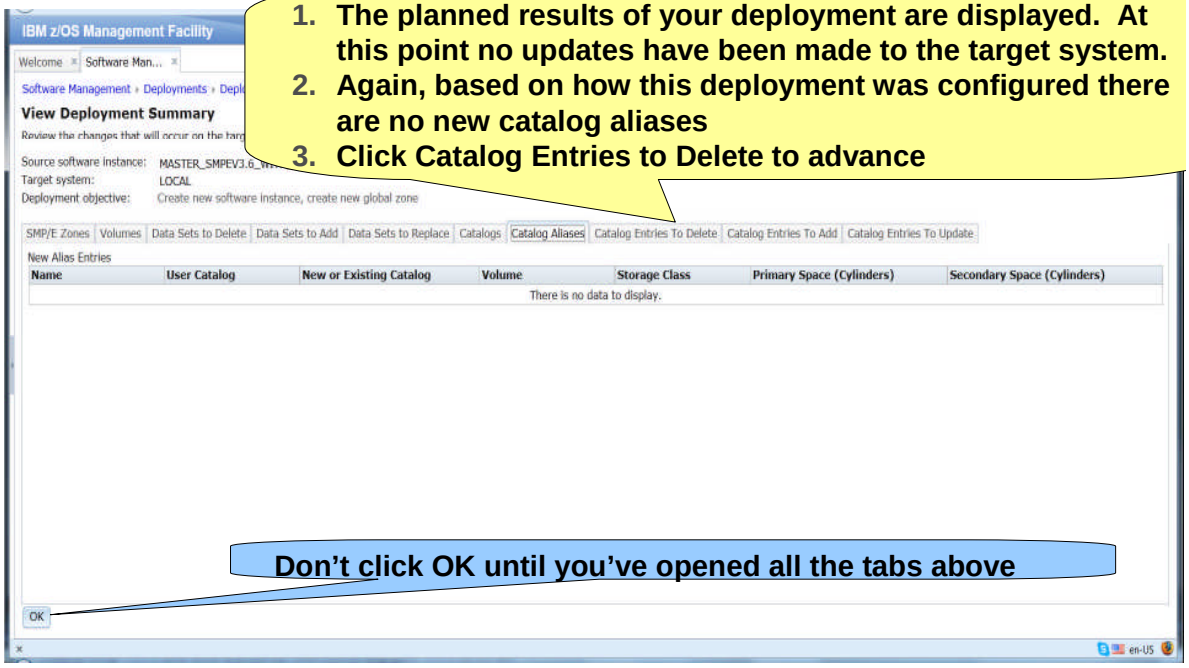
1. **The planned results of your deployment are displayed. At this point no updates have been made to the target system.**
2. **Verify that the existing User Catalog will be used**
3. **Click Catalog Aliases to advance**

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

© Copyright IBM Corporation 2014

Step 6b.7: View the Deployment Summary …

Results displayed – Catalog Aliases



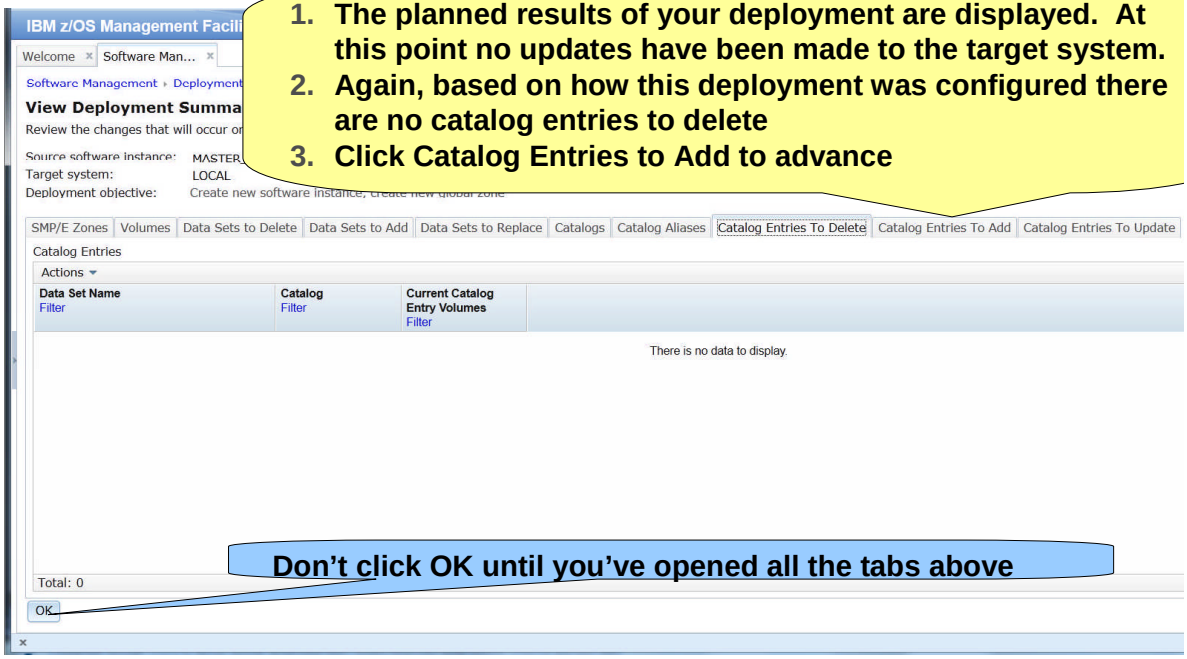
1. **The planned results of your deployment are displayed. At this point no updates have been made to the target system.**
2. **Again, based on how this deployment was configured there are no new catalog aliases**
3. **Click Catalog Entries to Delete to advance**

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

© Copyright IBM Corporation 2014

Step 7b.8: View the Deployment Summary …

Results displayed – Catalog Entries to Delete



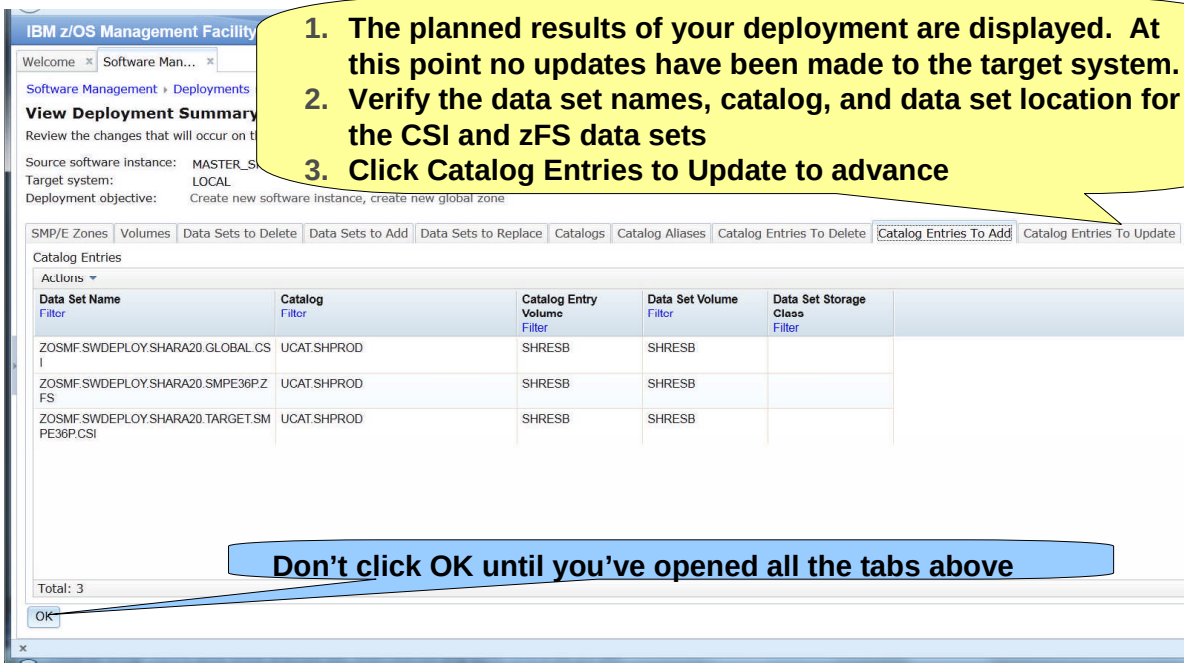
1. **The planned results of your deployment are displayed. At this point no updates have been made to the target system.**
2. **Again, based on how this deployment was configured there are no catalog entries to delete**
3. **Click Catalog Entries to Add to advance**

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

© Copyright IBM Corporation 2014

Step 6b.9: View the Deployment Summary …

Results displayed - Catalog Entries to Add



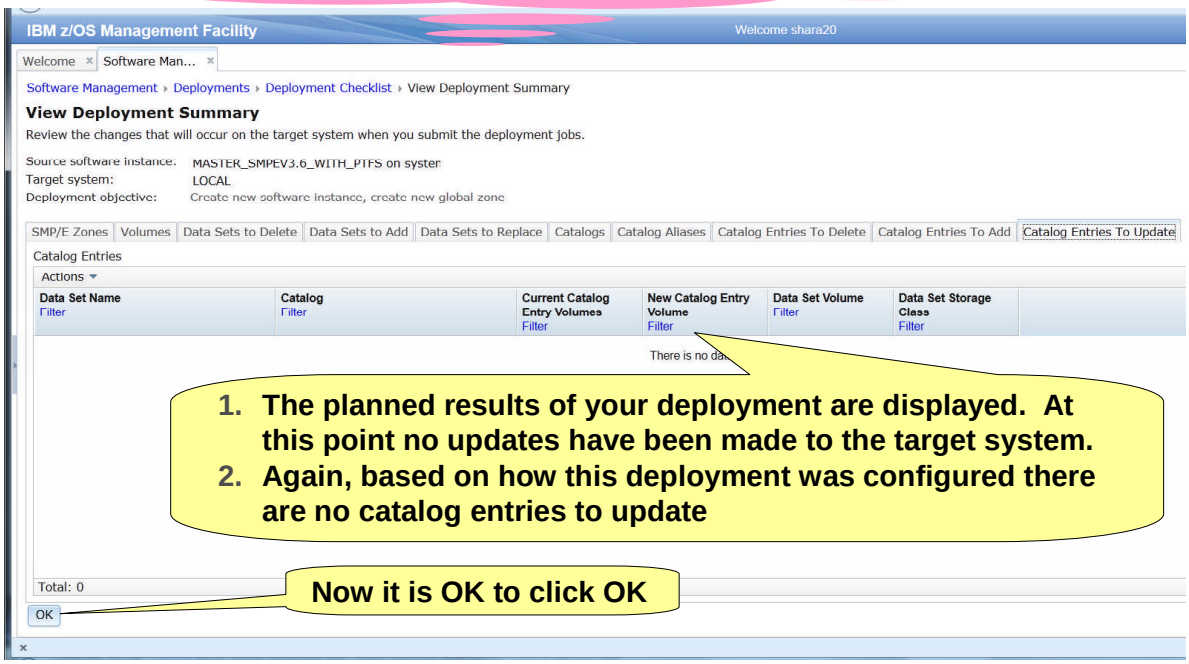
1. **The planned results of your deployment are displayed. At this point no updates have been made to the target system.**
2. **Verify the data set names, catalog, and data set location for the CSI and zFS data sets**
3. **Click Catalog Entries to Update to advance**

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

© Copyright IBM Corporation 2014

Step 6b.10: View the Deployment Summary …

Results displayed – Catalog Entries to Update



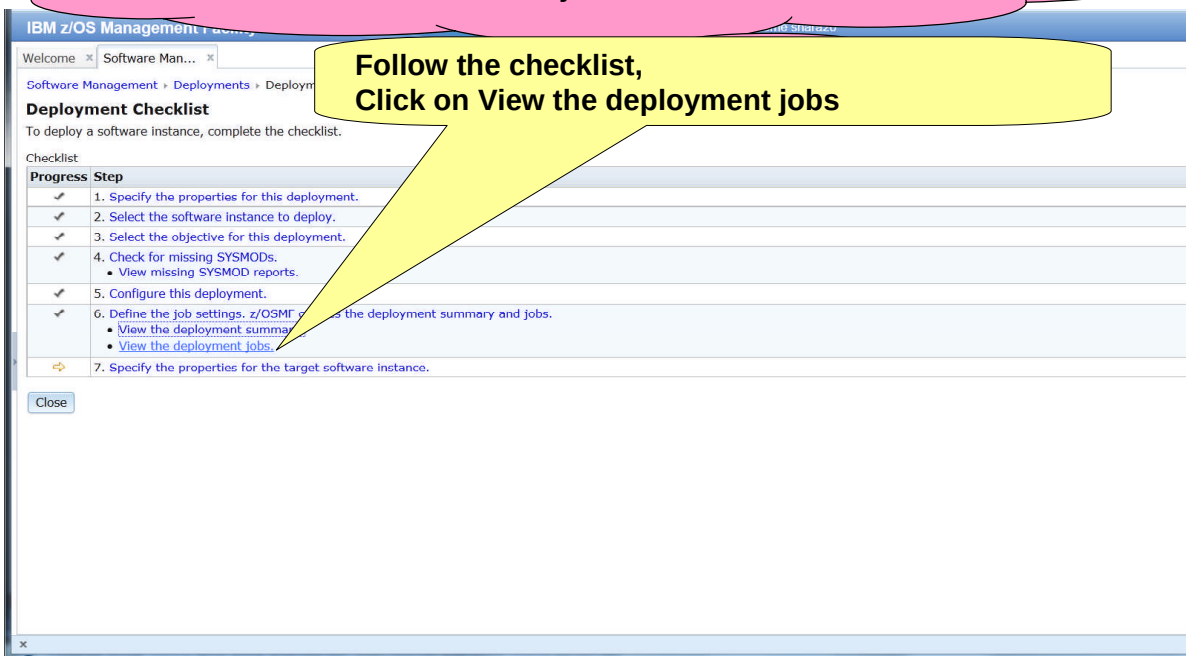
1. **The planned results of your deployment are displayed. At this point no updates have been made to the target system.**
2. **Again, based on how this deployment was configured there are no catalog entries to update**

Now it is OK to click OK

© Copyright IBM Corporation 2014

Step 6c: View the Deployment Jobs

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

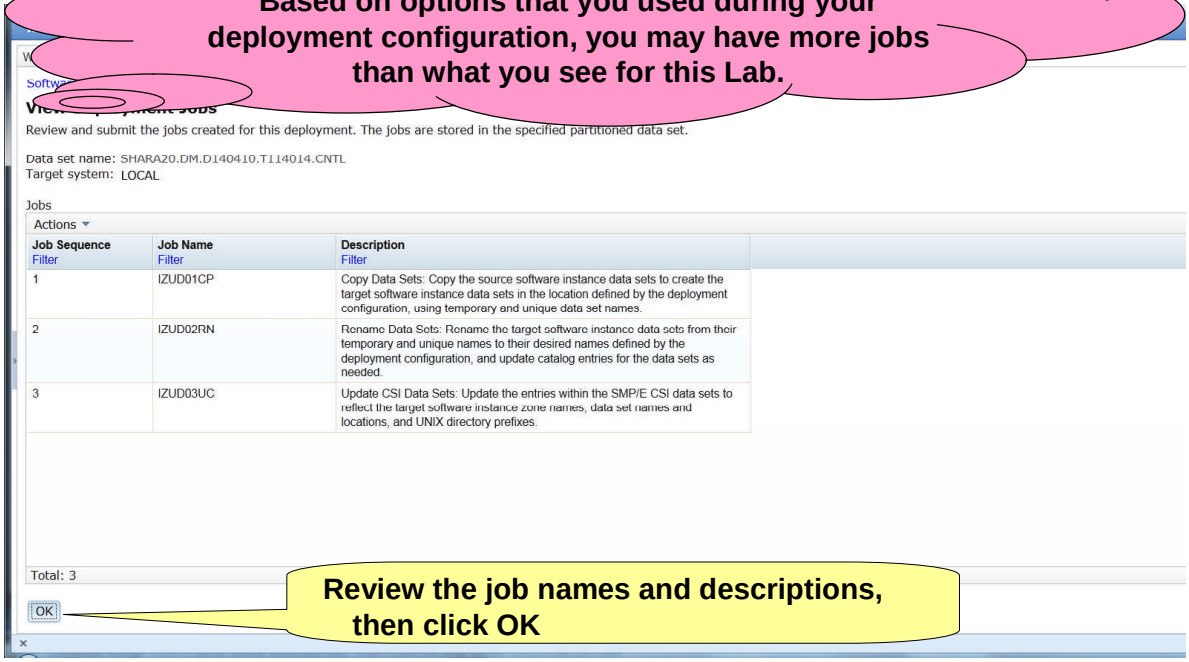


Follow the checklist,
Click on View the deployment jobs

© Copyright IBM Corporation 2014

Step 6c: View the Deployment Jobs

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



Review the job names and descriptions, then click OK

© Copyright IBM Corporation 2014

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

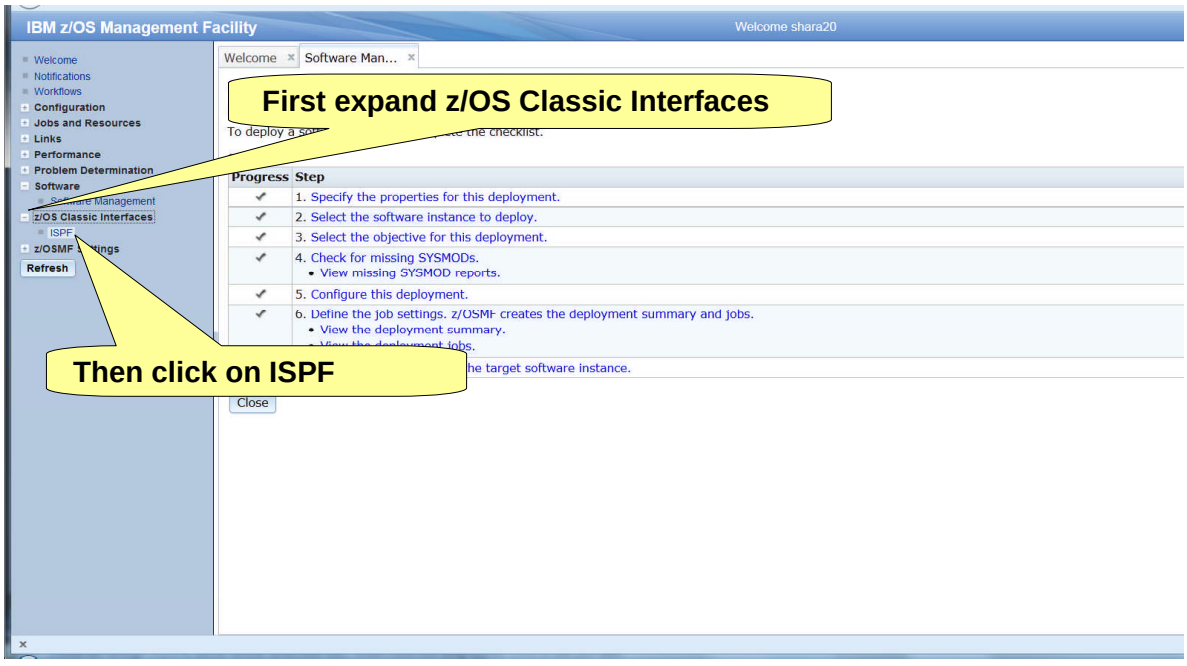
© Copyright IBM Corporation 2014

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

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

© Copyright IBM Corporation 2014

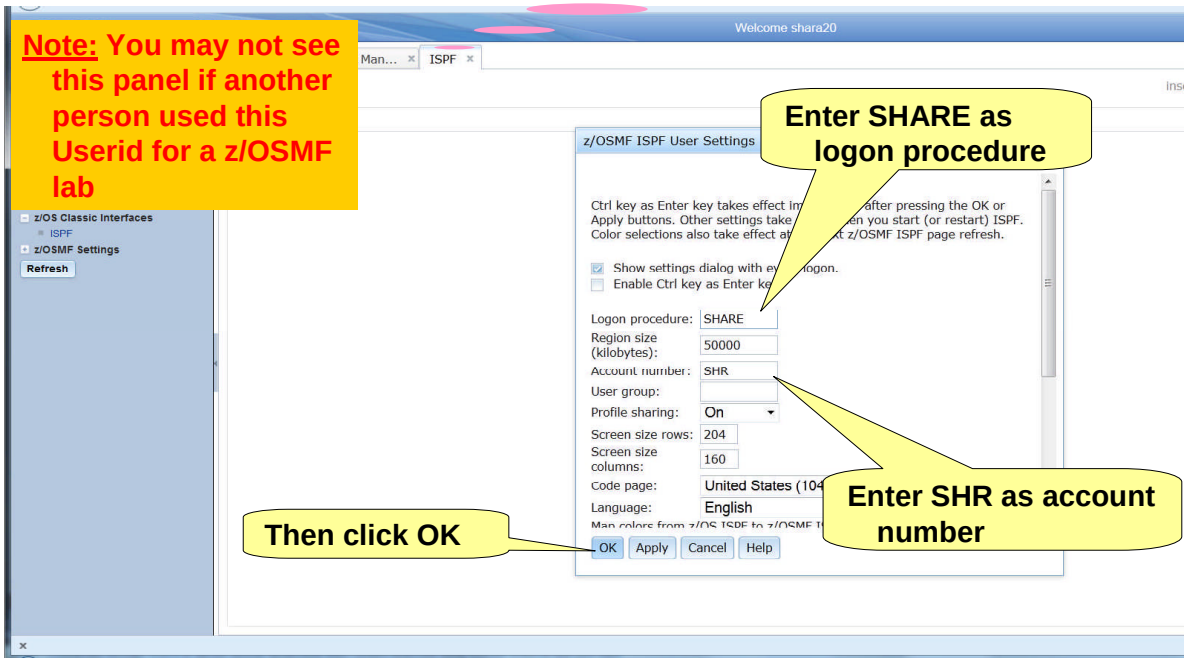
Step 6d.1: Invoke z/OSMF's ISPF



© Copyright IBM Corporation 2014

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

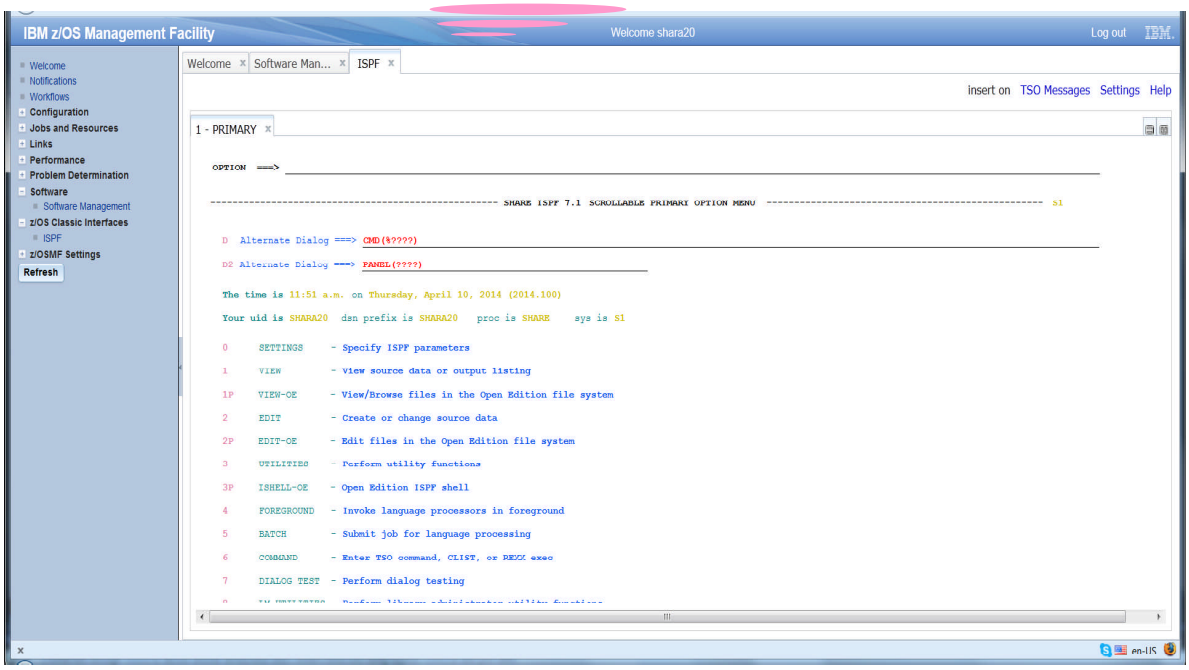
New ISPF Tab



© Copyright IBM Corporation 2014

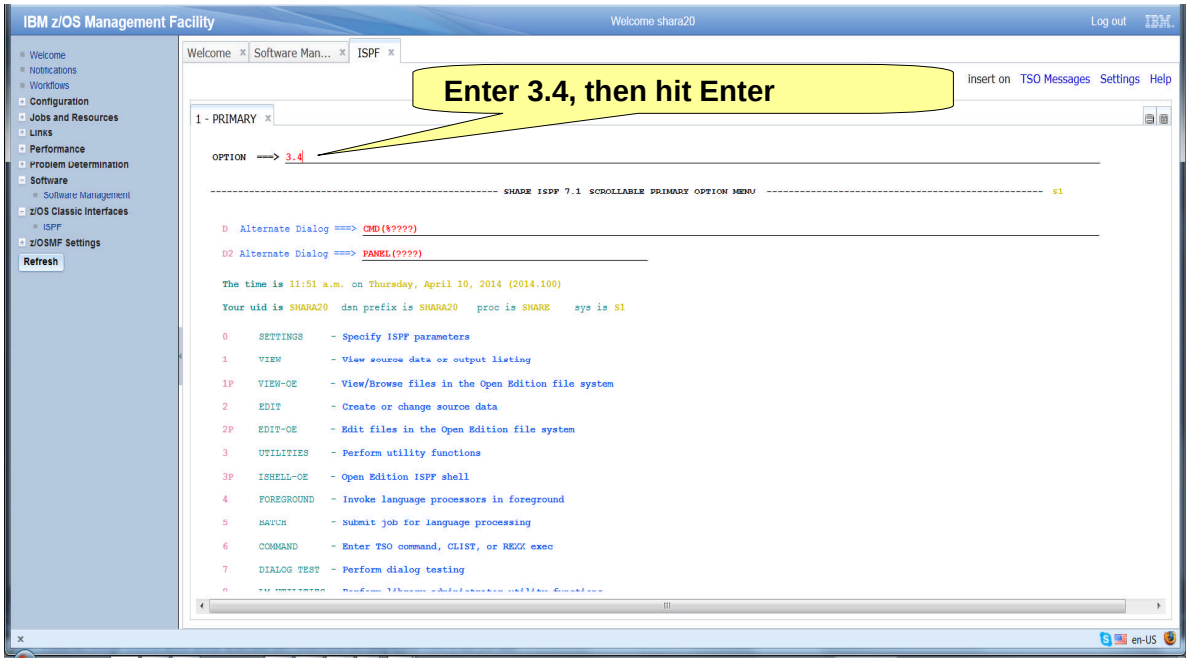
Step 6d.2: Logon to z/OSMF's ISPF …

The ISPF Primary Panel



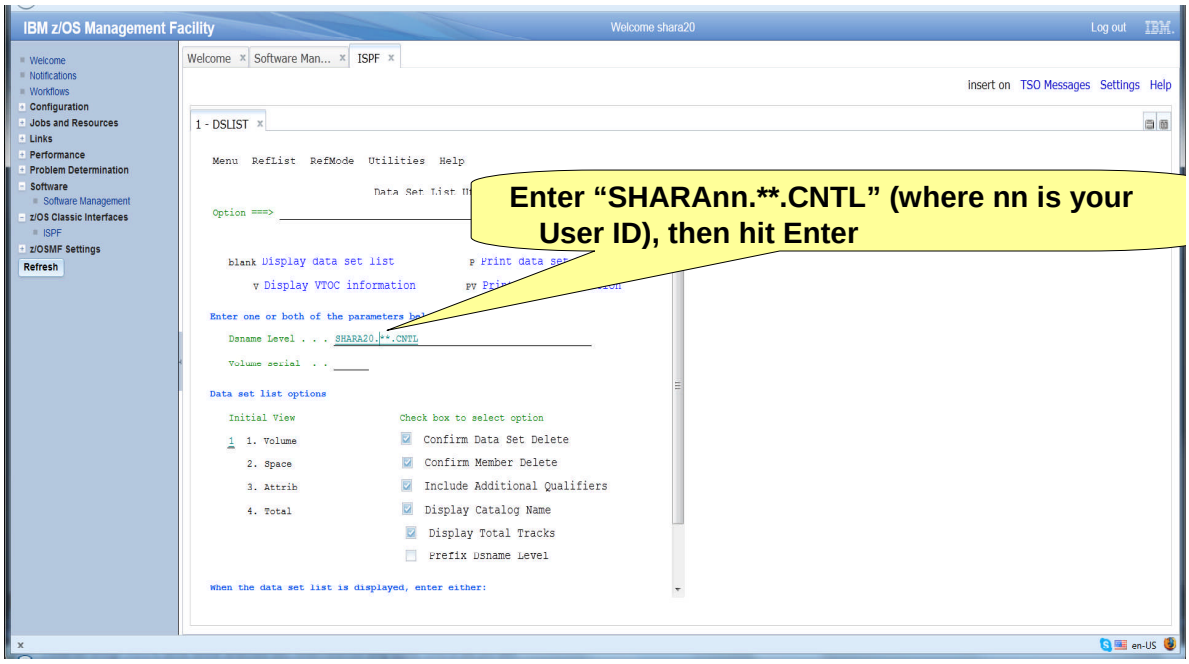
© Copyright IBM Corporation 2014

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



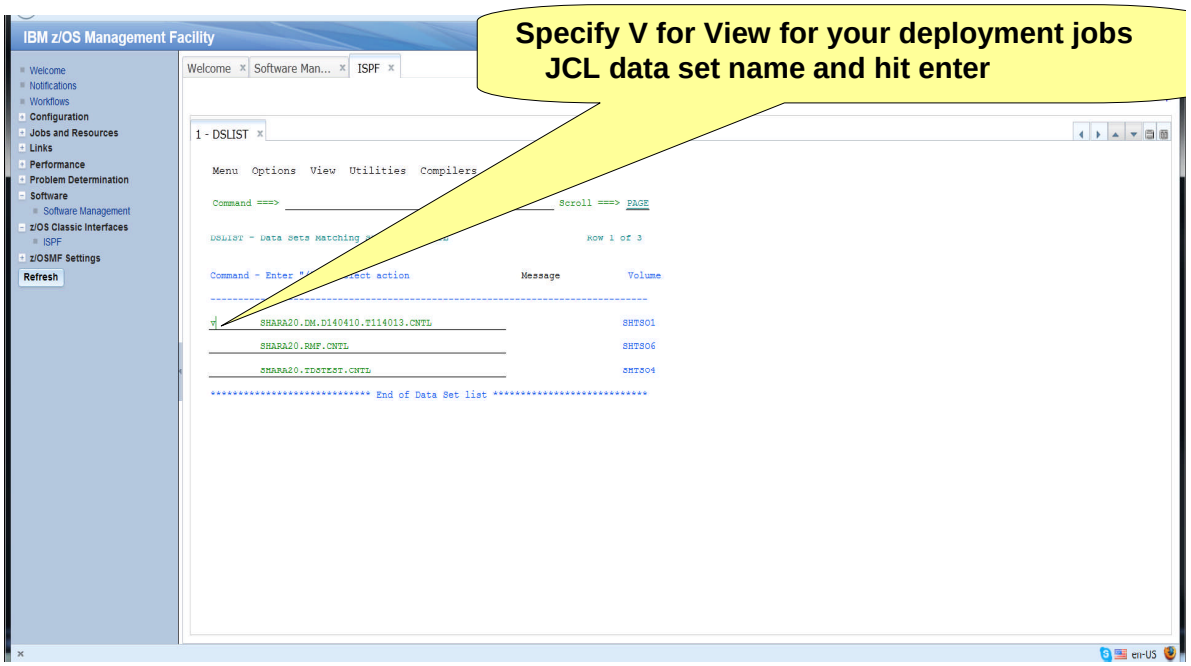
© Copyright IBM Corporation 2014

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



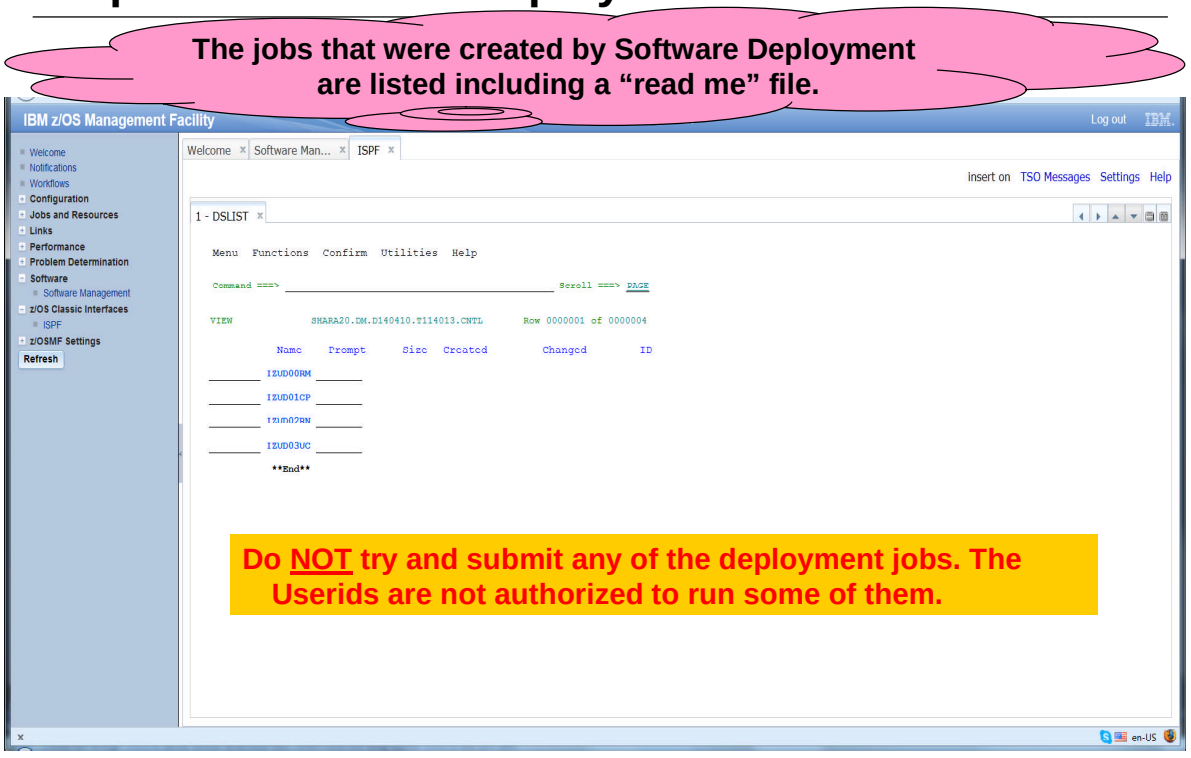
© Copyright IBM Corporation 2014

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



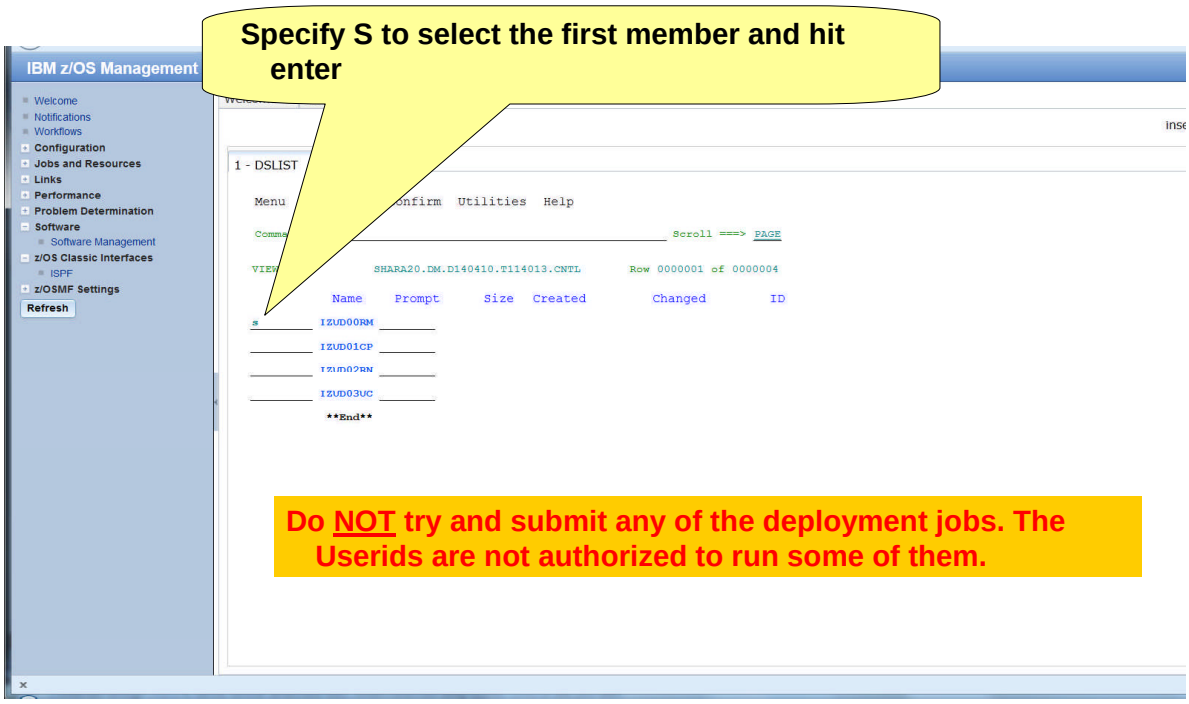
© Copyright IBM Corporation 2014

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



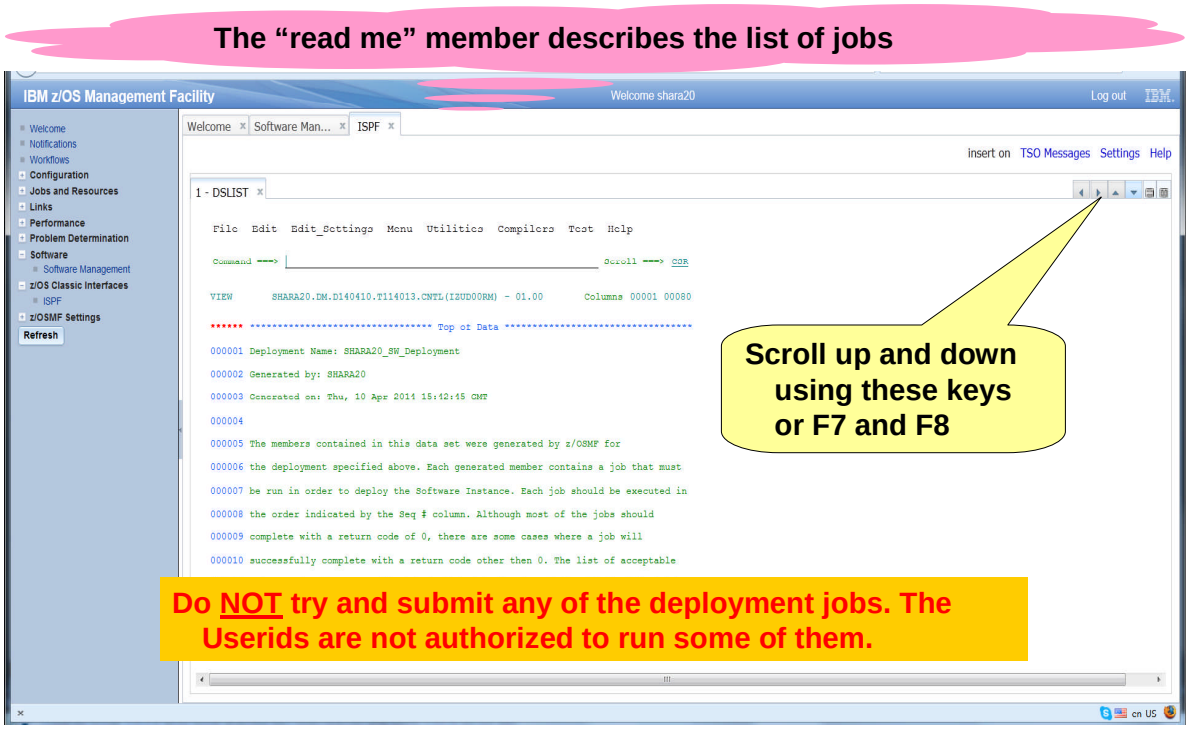
© Copyright IBM Corporation 2014

Step 6d.4: View the Deployment Readme file



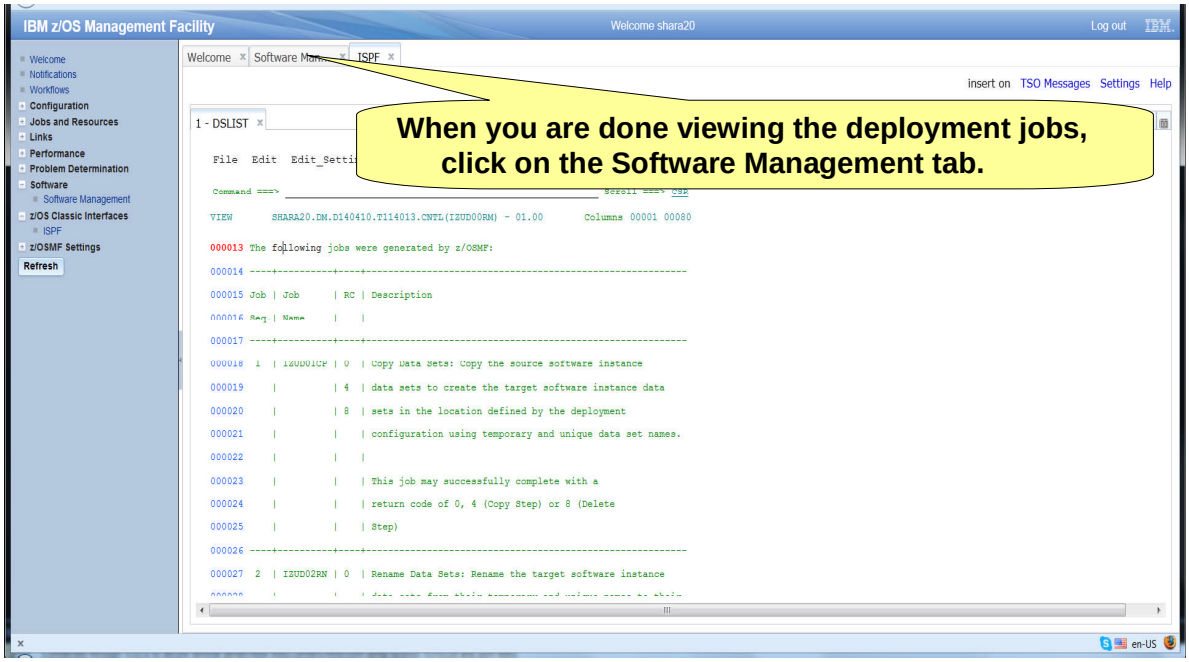
© Copyright IBM Corporation 2014

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



© Copyright IBM Corporation 2014

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

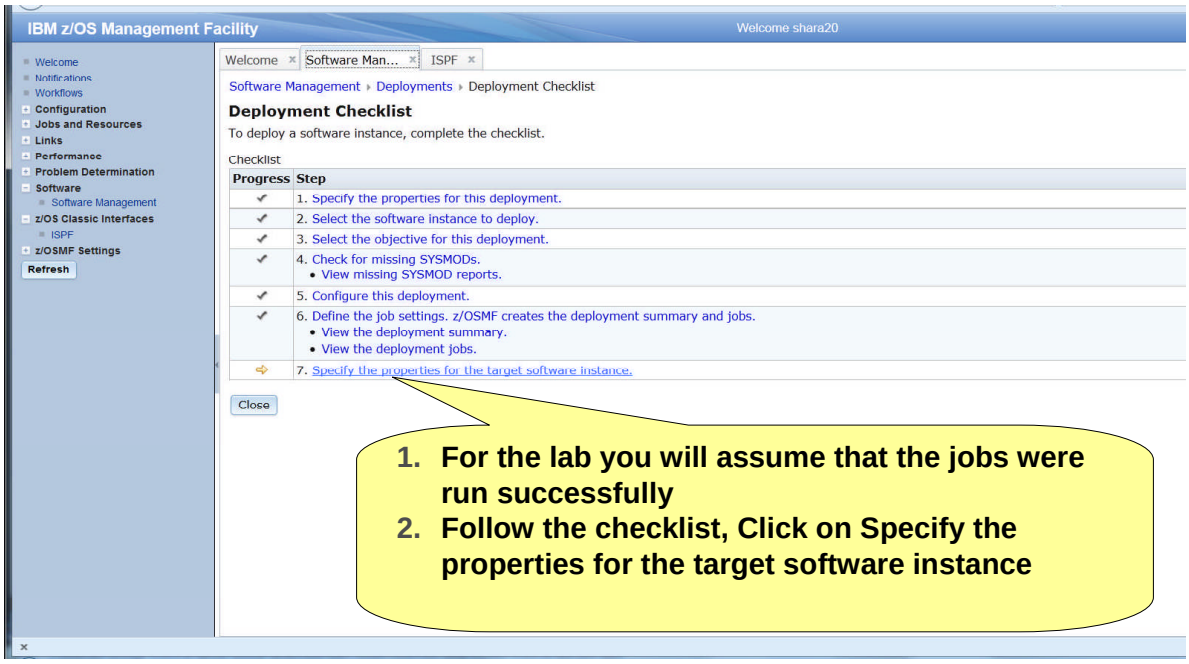


© Copyright IBM Corporation 2014

Step 7: Complete the deployment

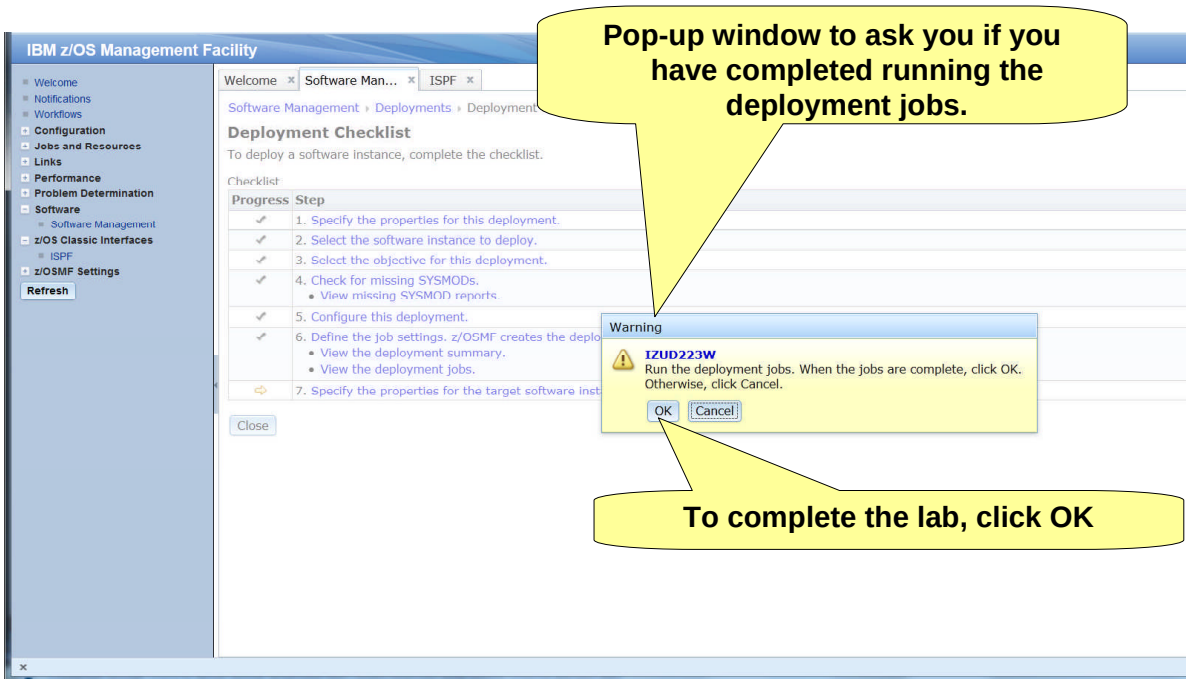
© Copyright IBM Corporation 2014

Step 7: Specify Properties for the Target Software Instance



© Copyright IBM Corporation 2014

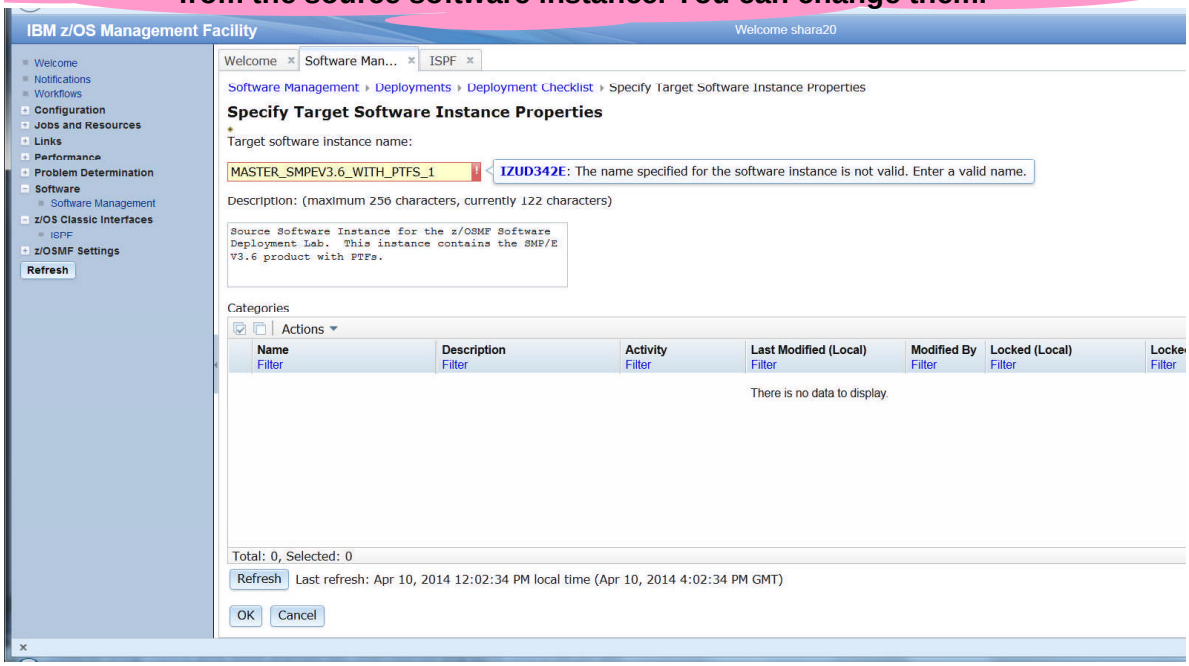
Step 7: Specify Properties for the Target Software Instance …



© Copyright IBM Corporation 2014

Step 7: Specify Properties for the Target Software Instance …

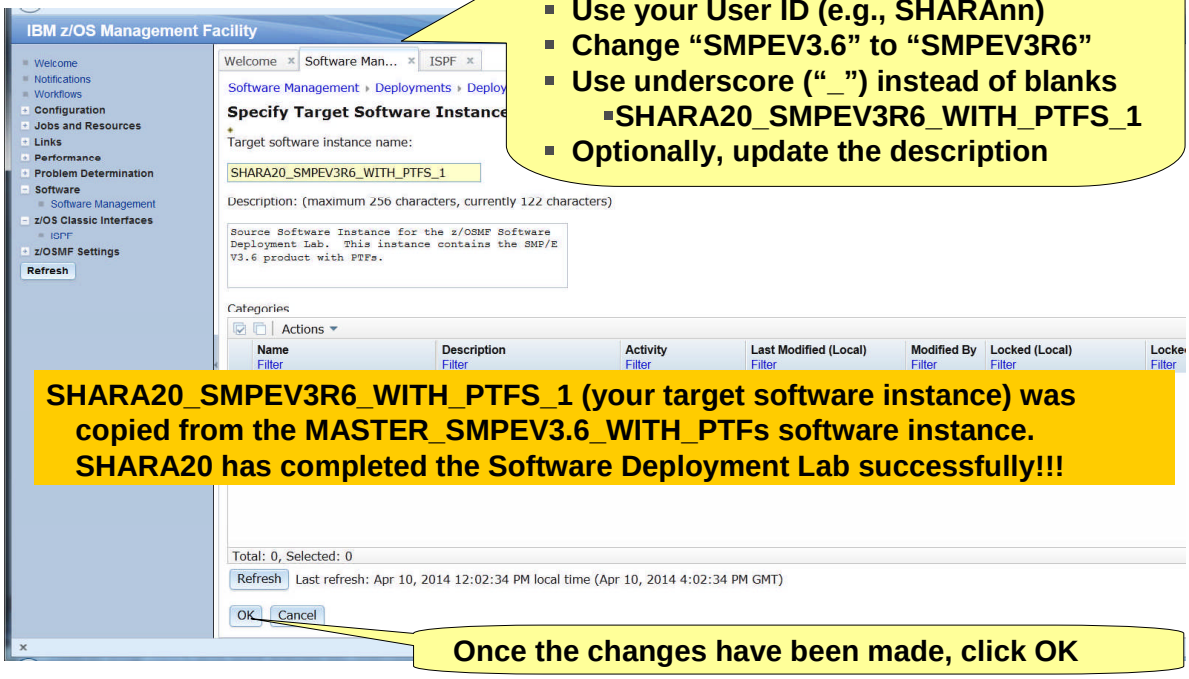
By default the software instance name and description are copied from the source software instance. You can change them.



© Copyright IBM Corporation 2014

Step 7: Specify Properties for the Target Software Instance …

Edit the target software instance name:
- **Use your User ID (e.g., SHARAnn)**
- **Change “SMPEV3.6” to “SMPEV3R6”**
- **Use underscore (“_”) instead of blanks**
  - **SHARA20_SMPEV3R6_WITH_PTFS_1**
- **Optionally, update the description**

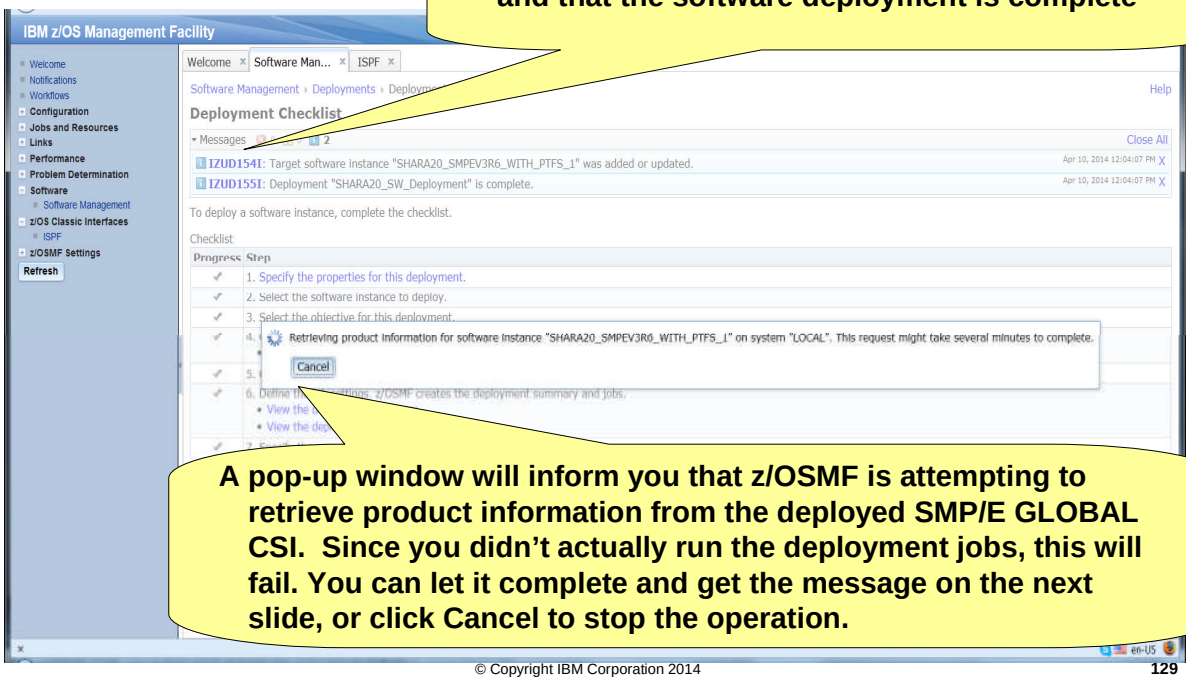


SHARA20_SMPEV3R6_WITH_PTFS_1 (your target software instance) was copied from the MASTER_SMPEV3.6_WITH_PTFs software instance. SHARA20 has completed the Software Deployment Lab successfully!!!

Once the changes have been made, click OK

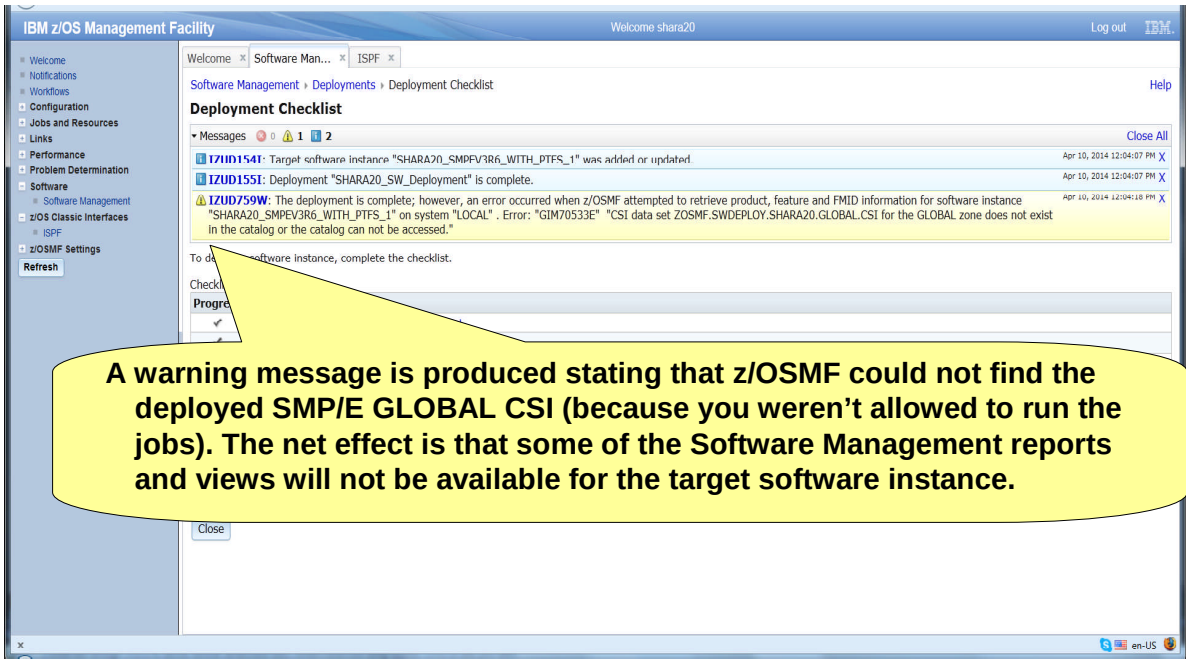
© Copyright IBM Corporation 2014

Step 7: Specify Properties for the Target Software Instance …



© Copyright IBM Corporation 2014

Step 7: Specify Properties for the Target Software Instance …



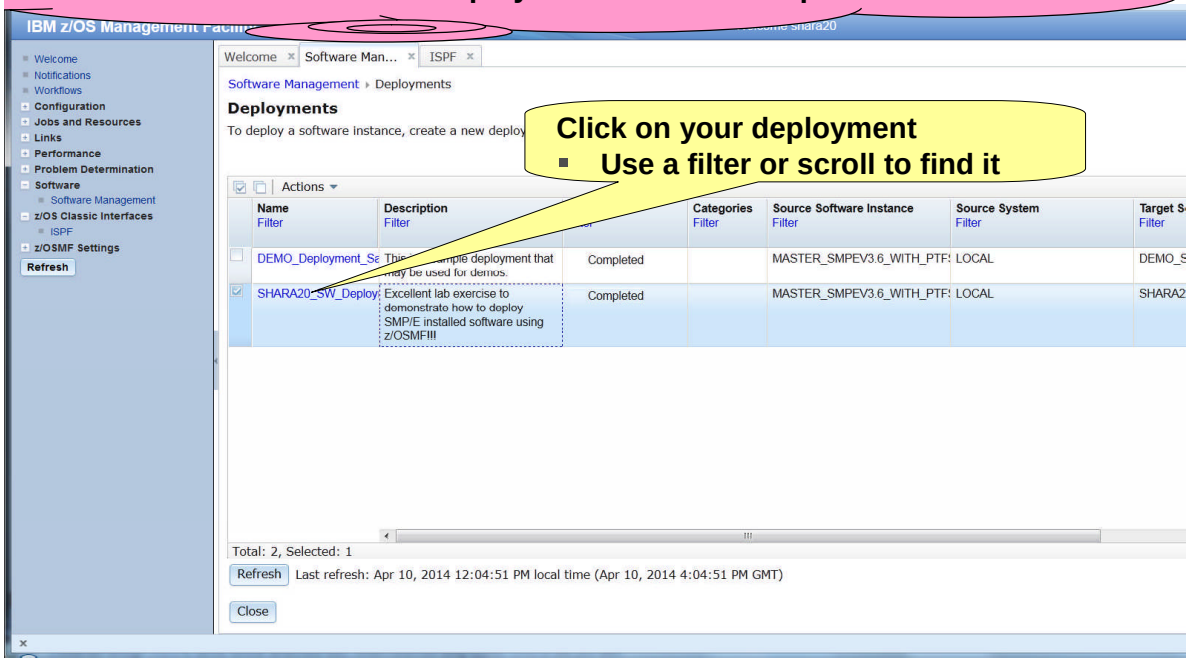
© Copyright IBM Corporation 2014

Step 8: View the completed deployment

© Copyright IBM Corporation 2014

Step 8: View the Completed Deployment

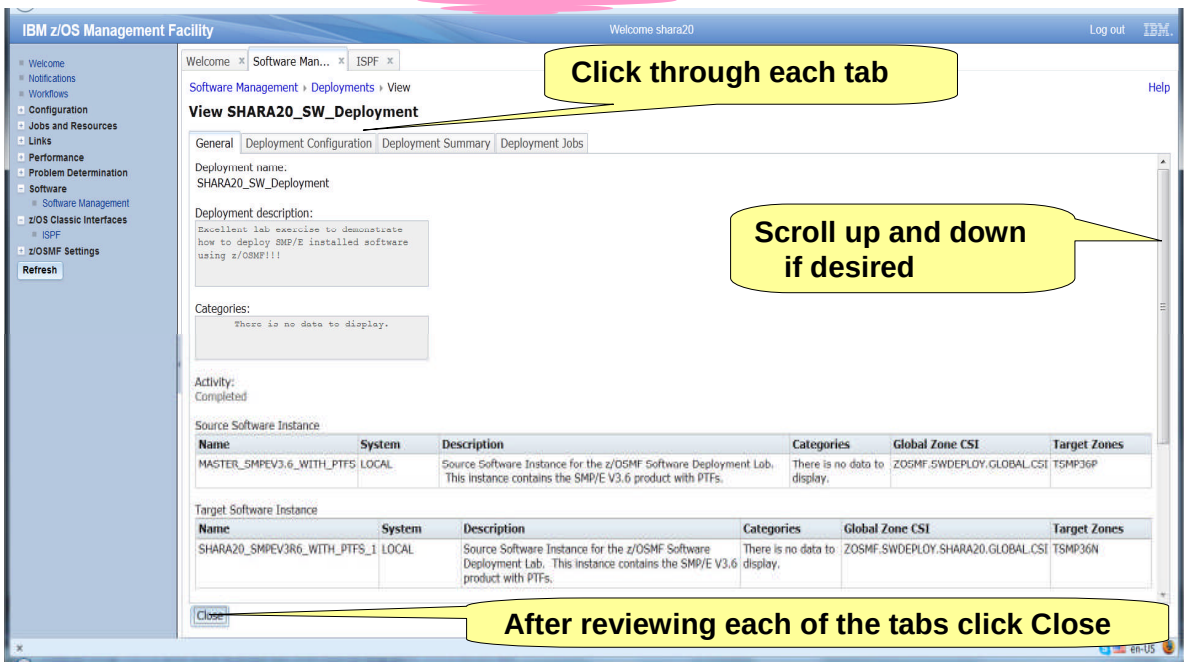
The Deployment is complete, but you are not done yet with the Lab.
Let's view the Deployment after it is complete.



© Copyright IBM Corporation 2014

Step 8: View the Completed Deployment …

The details of your software deployment are displayed in multiple tabs



© Copyright IBM Corporation 2014

Thank You

© Copyright IBM Corporation 2014

Additional information

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

© Copyright IBM Corporation 2014