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z/OSMF Software Management Hands on Lab

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IBM

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Test link: www.SHARE.org

SHARE in Anaheim

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Agenda

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

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Lab Objectives and Hints and Tips

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

Hints and Tips

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

z/OSMF Software Management

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

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z/OSMF Software Management …

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

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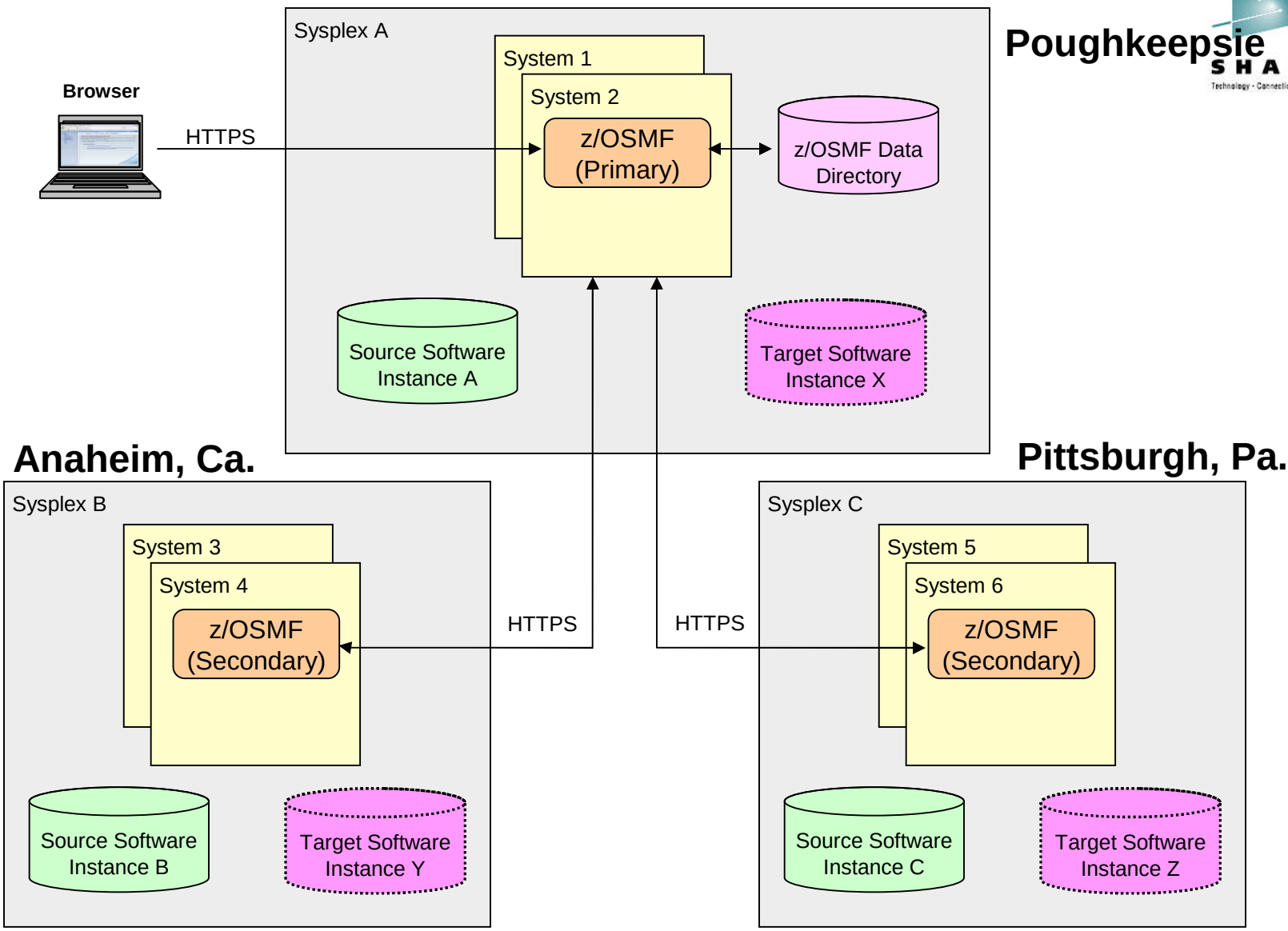

Software instances can be viewed or deployed throughout your enterprise

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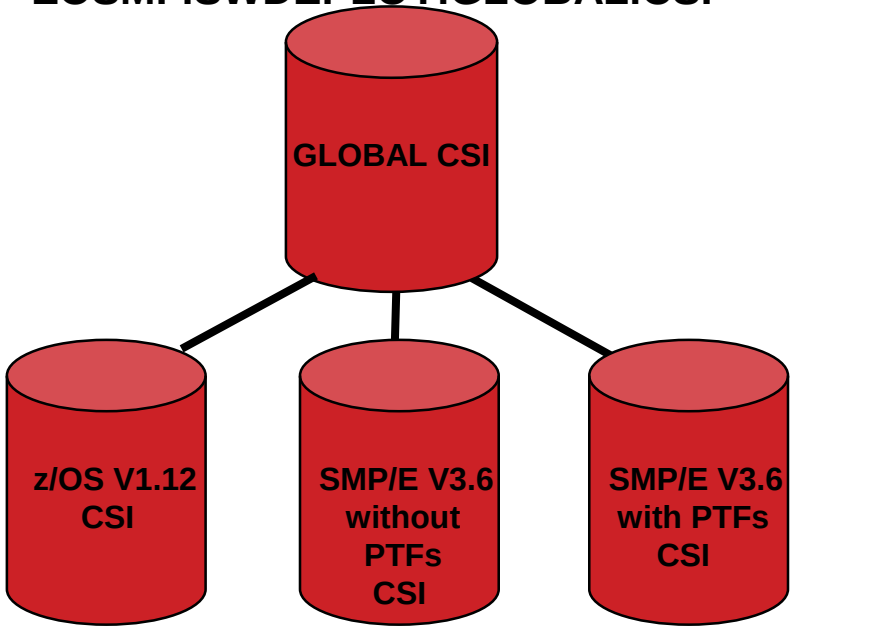
Lab SMP/E Environment

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

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

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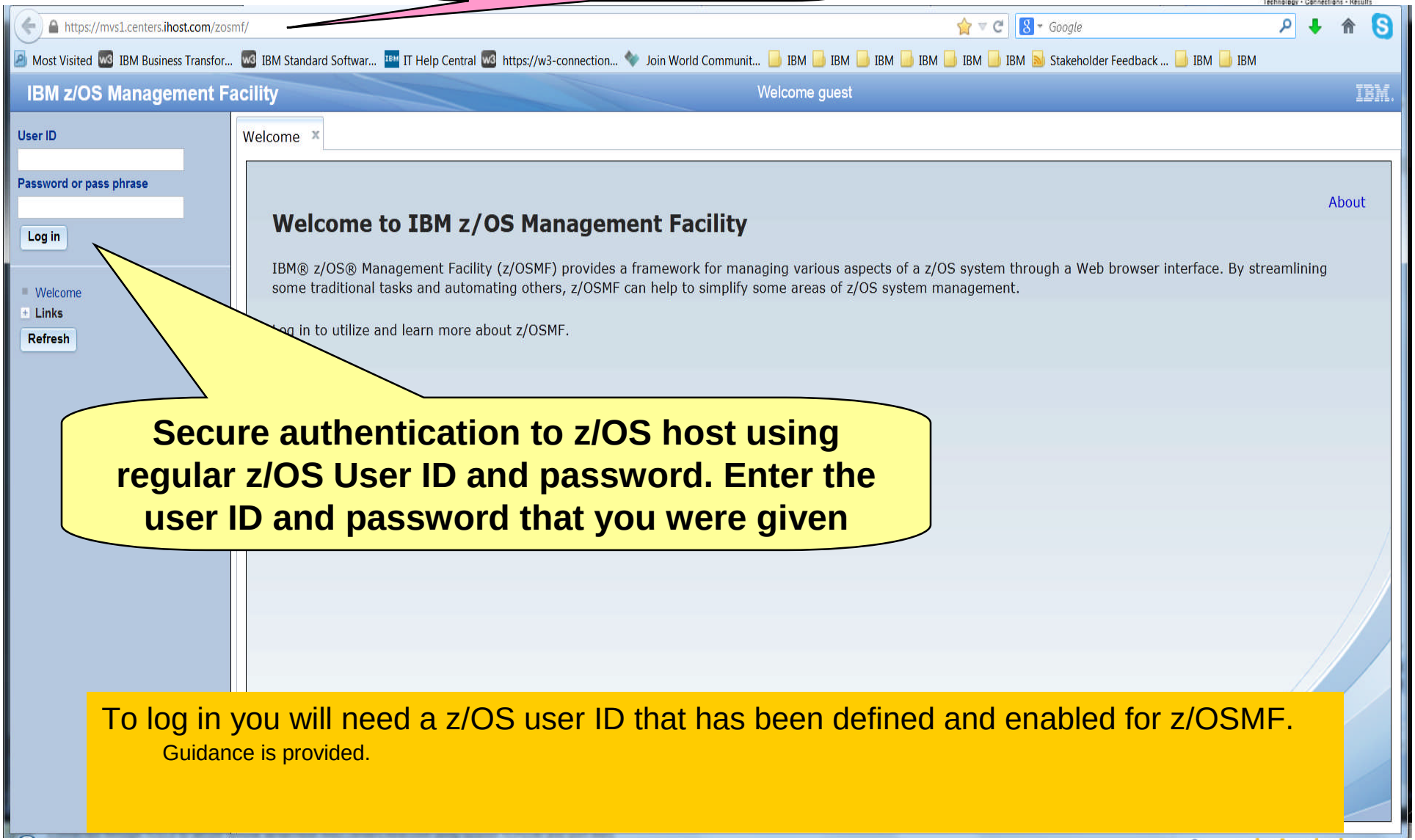
Starting the Lab – Log in to z/OSMF

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

Step 1

Secure connection to z/OS host

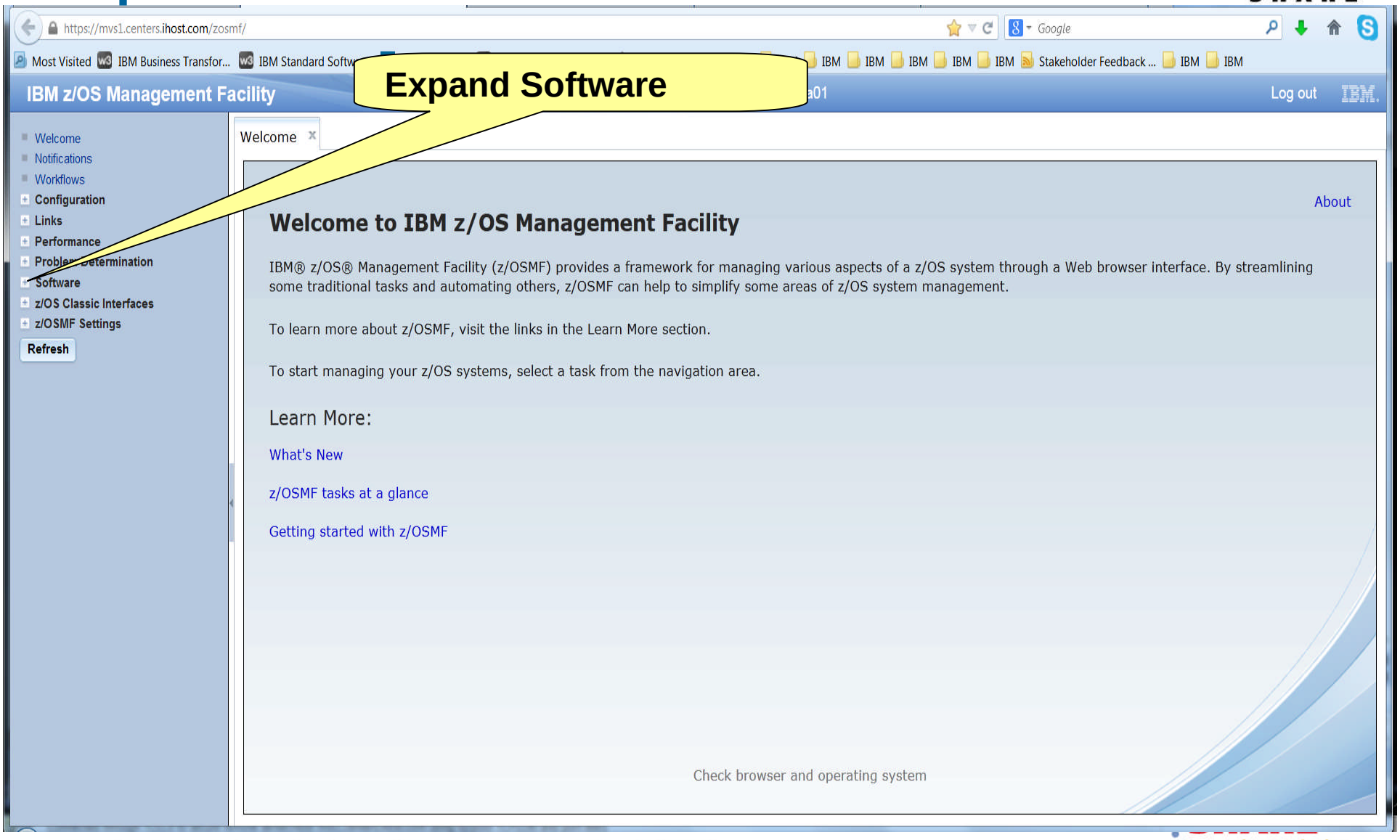


Secure authentication to z/OS host using regular z/OS User ID and password. Enter the user ID and password that you were given

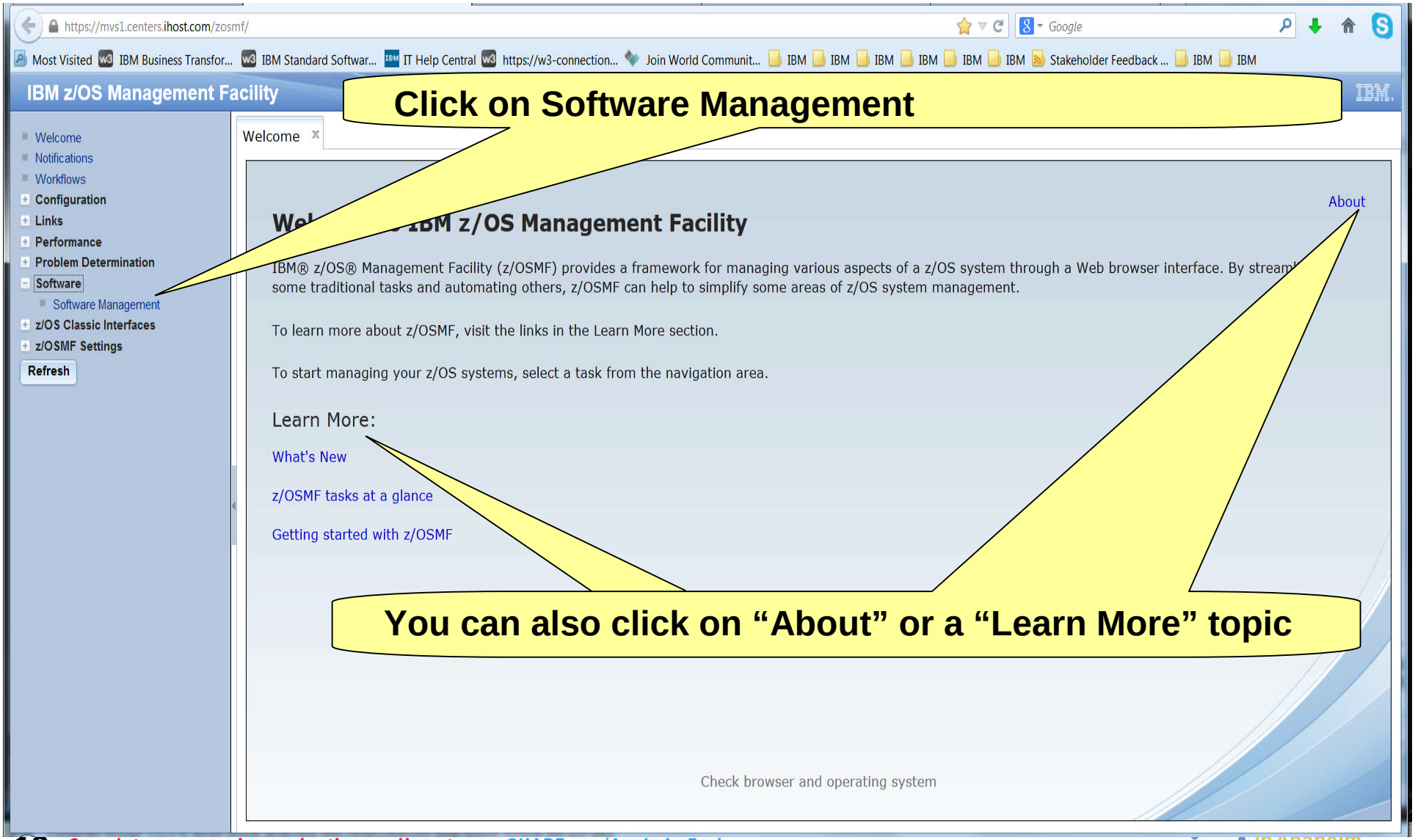
To log in you will need a z/OS user ID that has been defined and enabled for z/OSMF.

Guidance is provided.

Step 1 …


https://mvs1.centers.ihost.com/zosmf/
Most Visited
IBM Business Transfor...
IBM Standard Softw
Stakeholder Feedback ...
IBM z/OS Management Facility
Log out
Expand Software
Welcome
Notifications
Workflows
Configuration
Links
Performance
Problem Determination
Software
z/OS Classic Interfaces
z/OSMF Settings
Refresh
Welcome
About
Welcome to IBM z/OS Management Facility
IBM® z/OS® Management Facility (z/OSMF) provides a framework for managing various aspects of a z/OS system through a Web browser interface. By streamlining some traditional tasks and automating others, z/OSMF can help to simplify some areas of z/OS system management.
To learn more about z/OSMF, visit the links in the Learn More section.
To start managing your z/OS systems, select a task from the navigation area.
Learn More:
What's New
z/OSMF tasks at a glance
Getting started with z/OSMF
Check browser and operating system

Step 1 …



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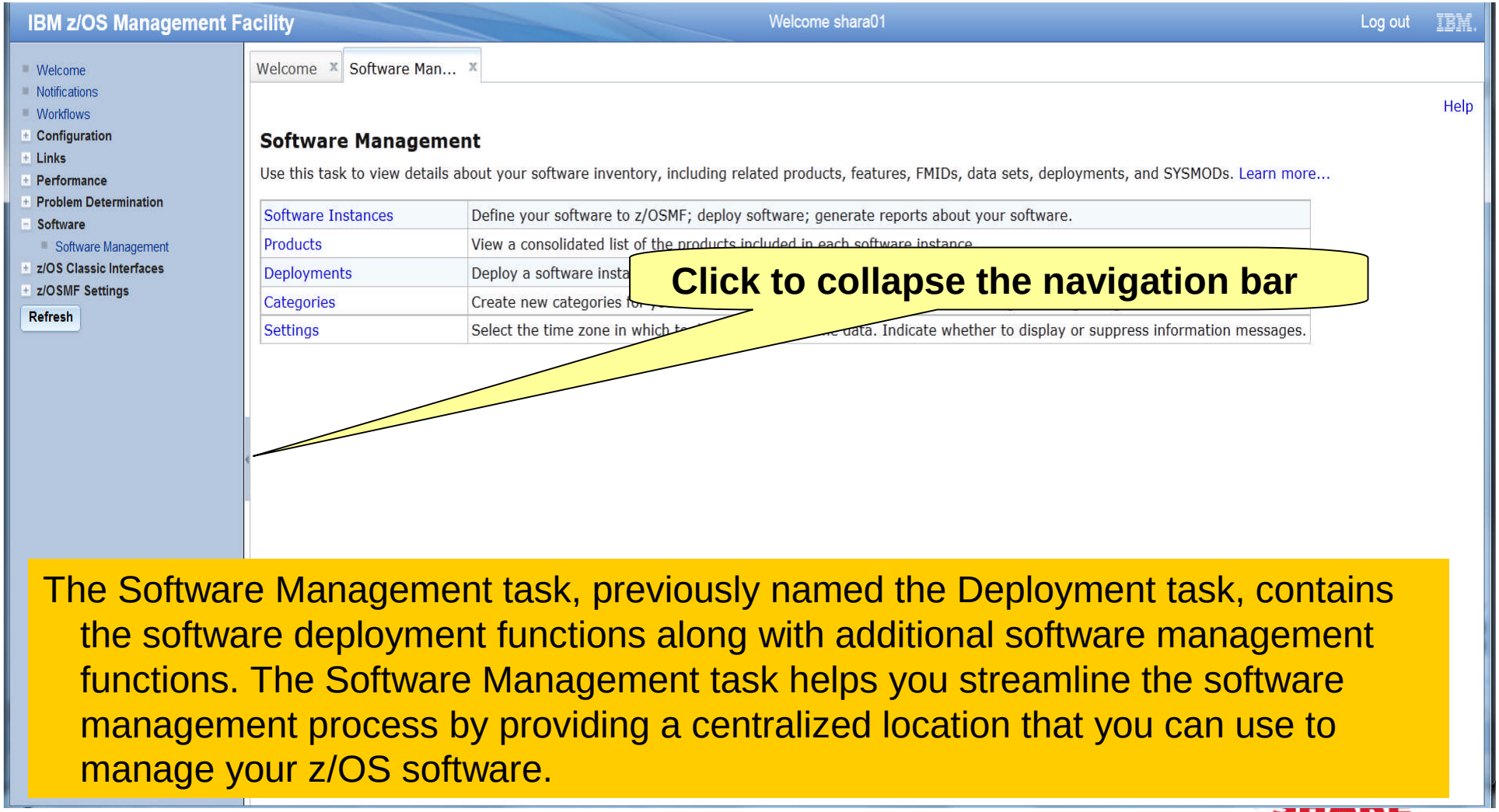
Step 2: Change the Software Management specific “Settings”

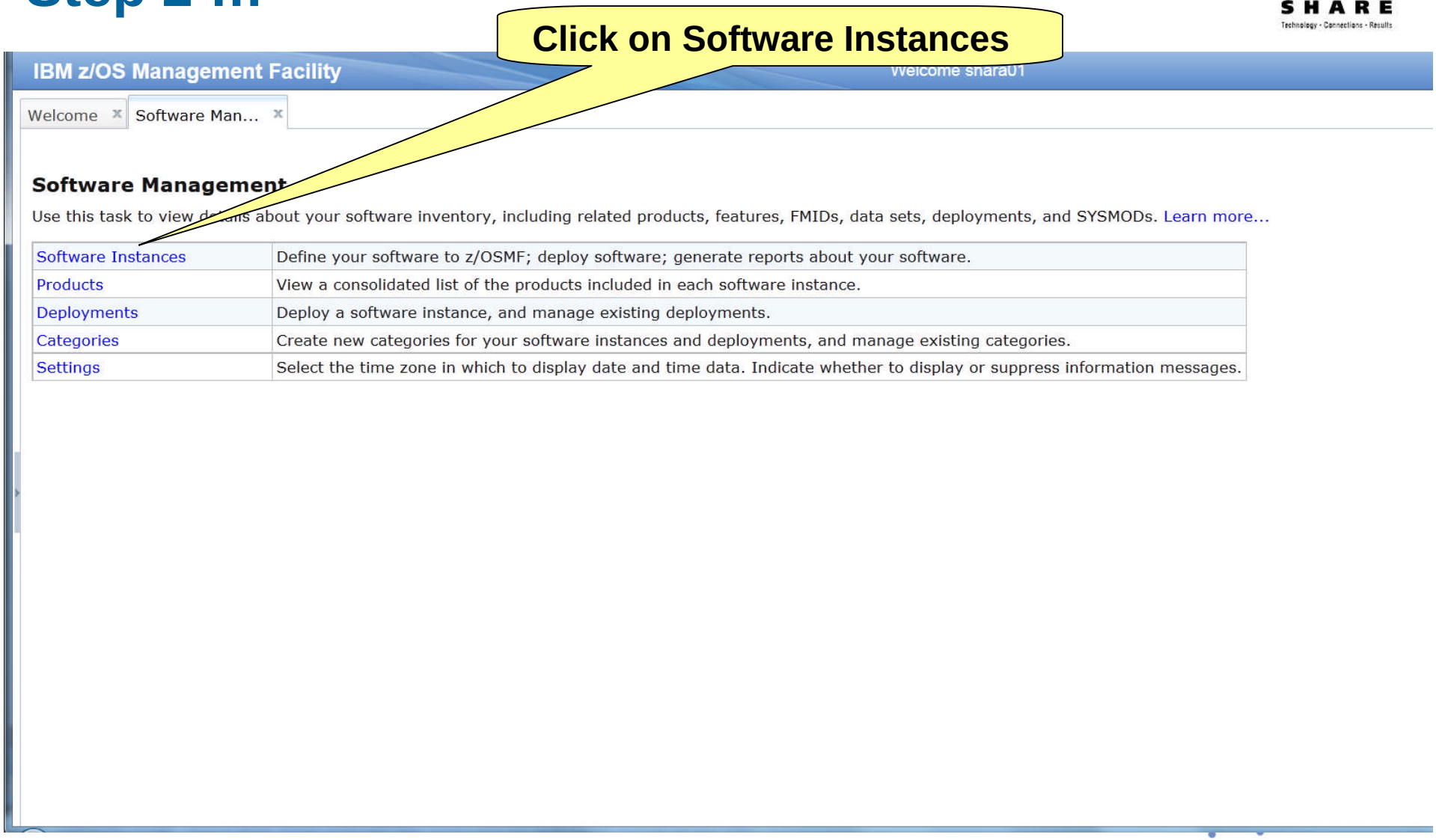
Before you change the Settings, you will attempt to view Products, Features, and FMIDs for all the "Master" software instances. You will need to change the settings to see all the data.

Step 2

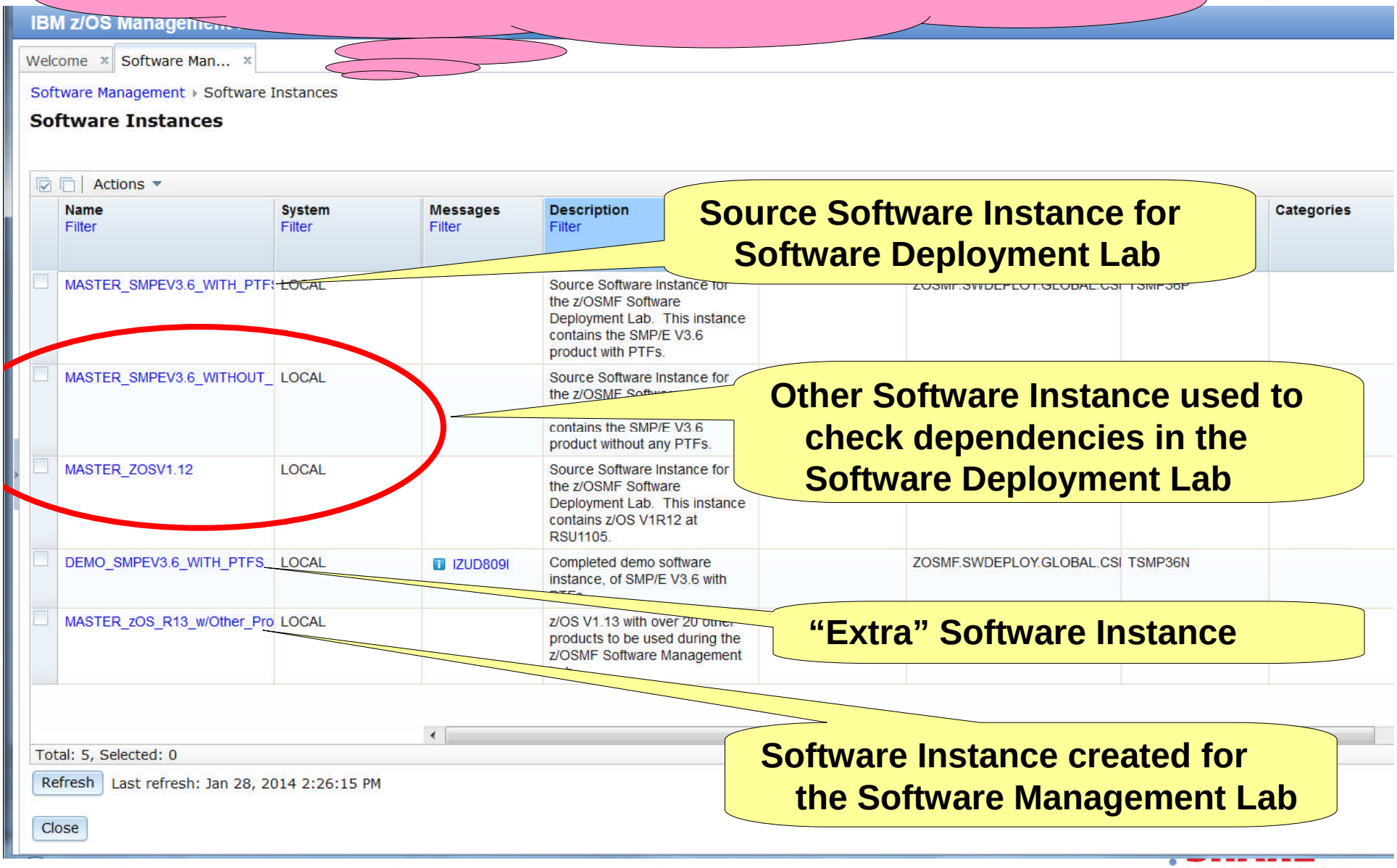


The Software Management task, previously named the Deployment task, contains the software deployment functions along with additional software management functions. The Software Management task helps you streamline the software management process by providing a centralized location that you can use to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

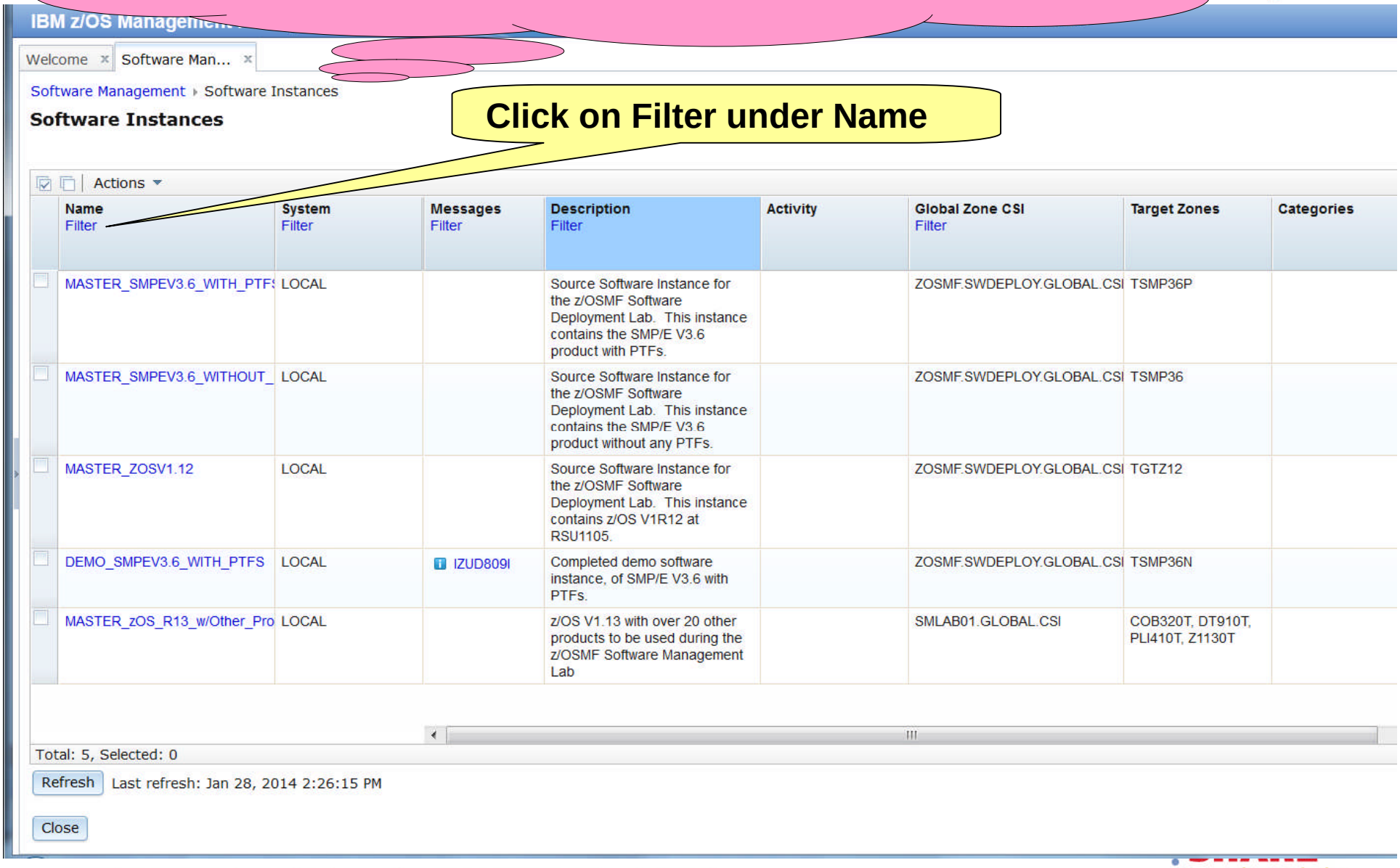
Step 2 …


Click on Software Instances
IBM z/OS Management Facility
Welcome snara01
Welcome
Software Man...
Software Management
Use this task to view details about your software inventory, including related products, features, FMIDs, data sets, deployments, and SYSMODs. Learn more...
Software Instances
Define your software to z/OSMF; deploy software; generate reports about your software.
Products
View a consolidated list of the products included in each software instance.
Deployments
Deploy a software instance, and manage existing deployments.
Categories
Create new categories for your software instances and deployments, and manage existing categories.
Settings
Select the time zone in which to display date and time data. Indicate whether to display or suppress information messages.

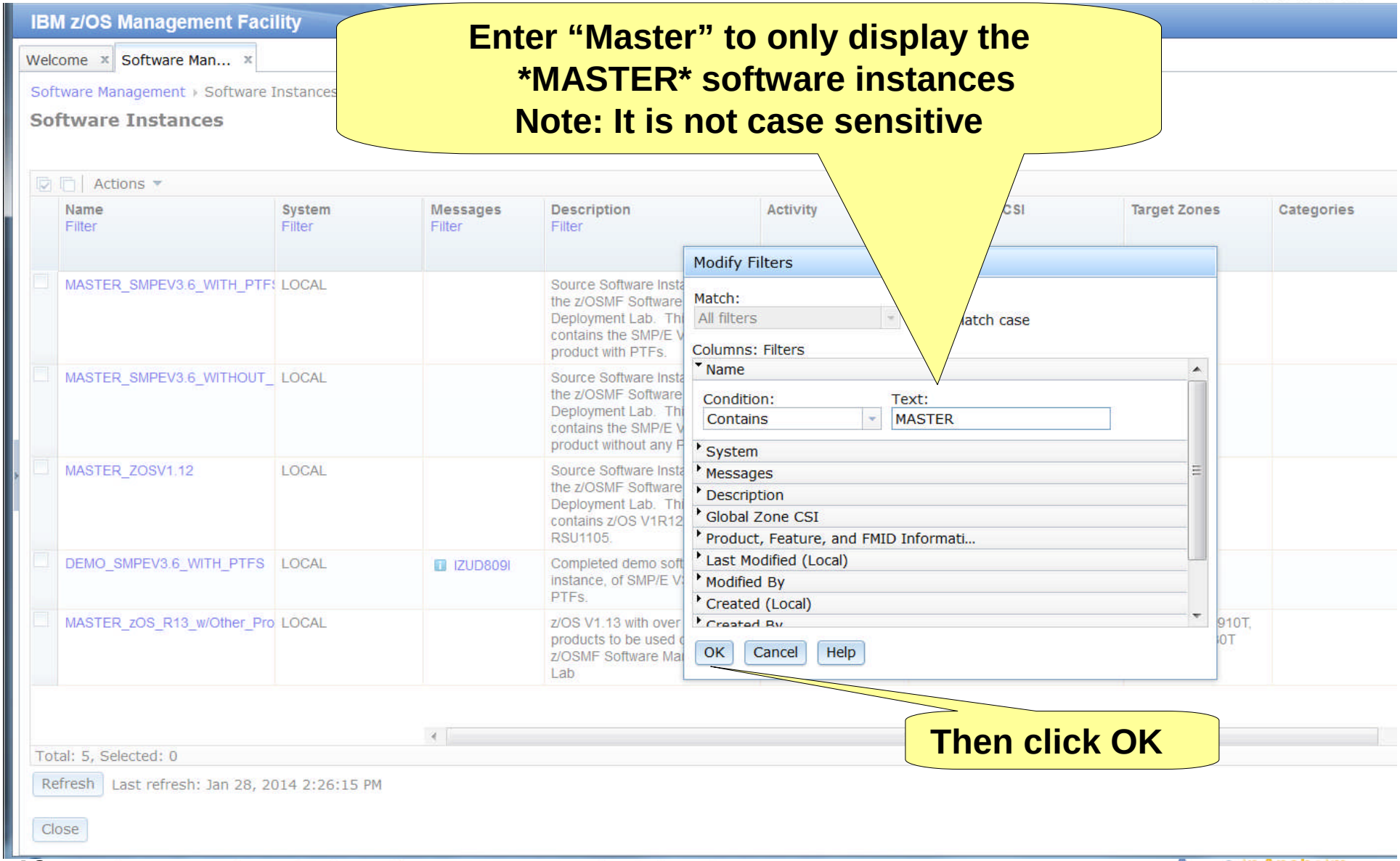
You will see a list of software instances already defined



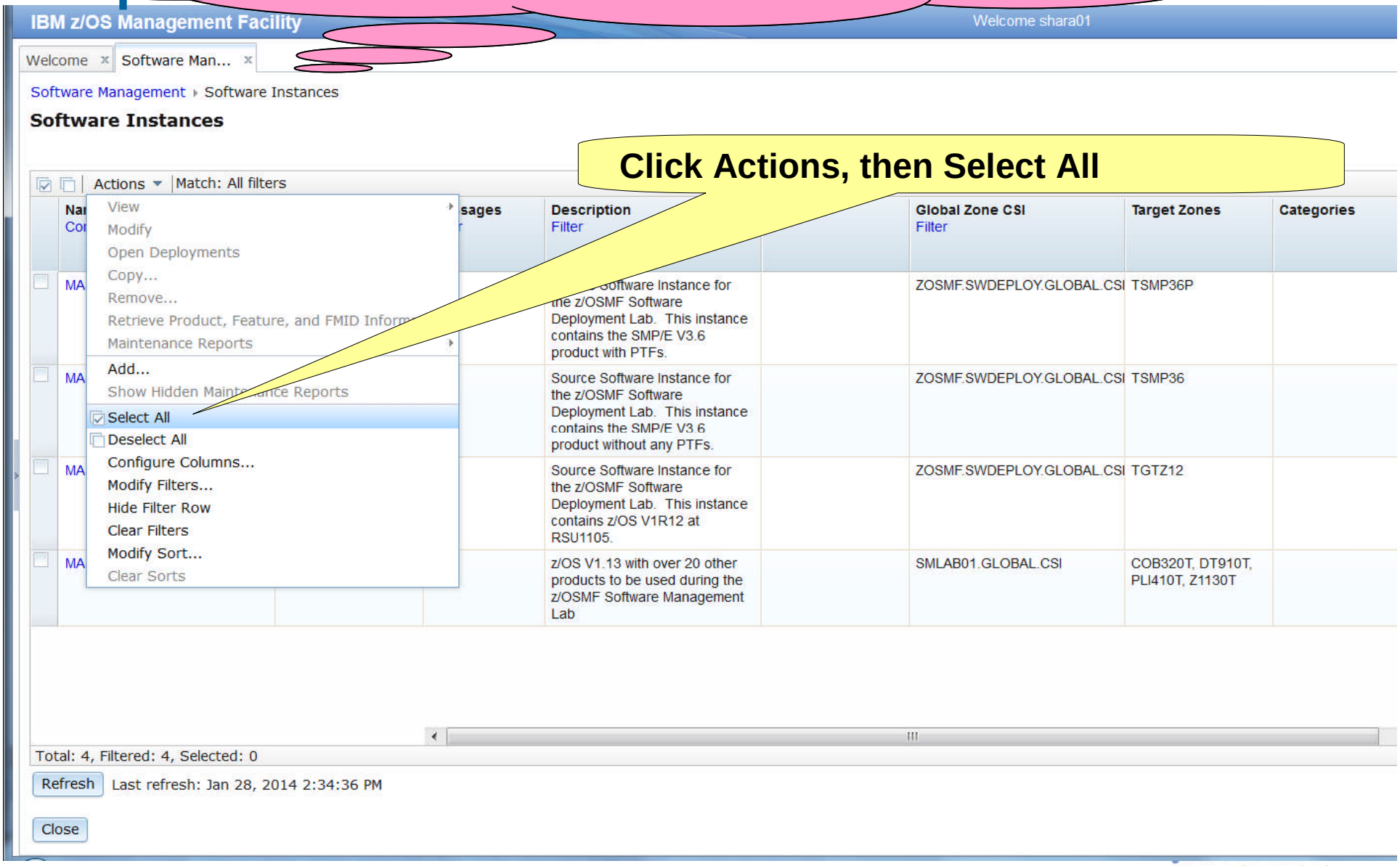
For this lab, you will focus on the Software Instances whose names begin with "MASTER"



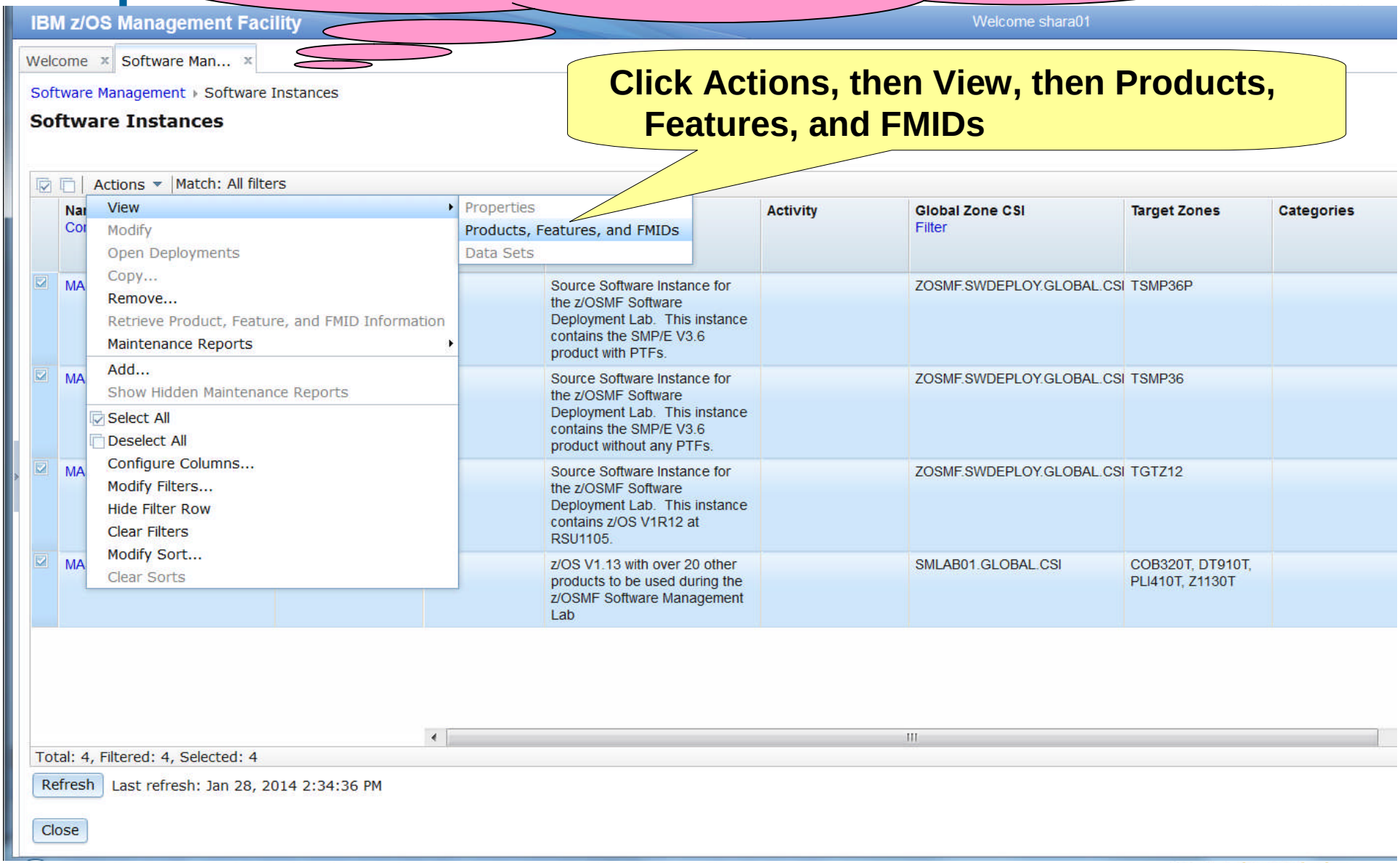
Step 2 …


IBM z/OS Management Facility
Welcome
Software Man...
Software Management › Software Instances
Software Instances
Actions
Name
Filter
System
Filter
Messages
Filter
Description
Filter
Activity
CSI
Target Zones
Categories
MASTER_SMPEV3.6_WITH_PTF
LOCAL
MASTER_SMPEV3.6_WITHOUT_
LOCAL
MASTER_ZOSV1.12
LOCAL
DEMO_SMPEV3.6_WITH_PTFS
LOCAL
IZUD809I
MASTER_zOS_R13_w/Other_Pro
LOCAL
Total: 5, Selected: 0
Refresh
Last refresh: Jan 28, 2014 2:26:15 PM
Close
Enter “Master” to only display the *MASTER* software instances
Note: It is not case sensitive
Modify Filters
Match:
All filters
atch case
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)
OK
Cancel
Help
Then click OK

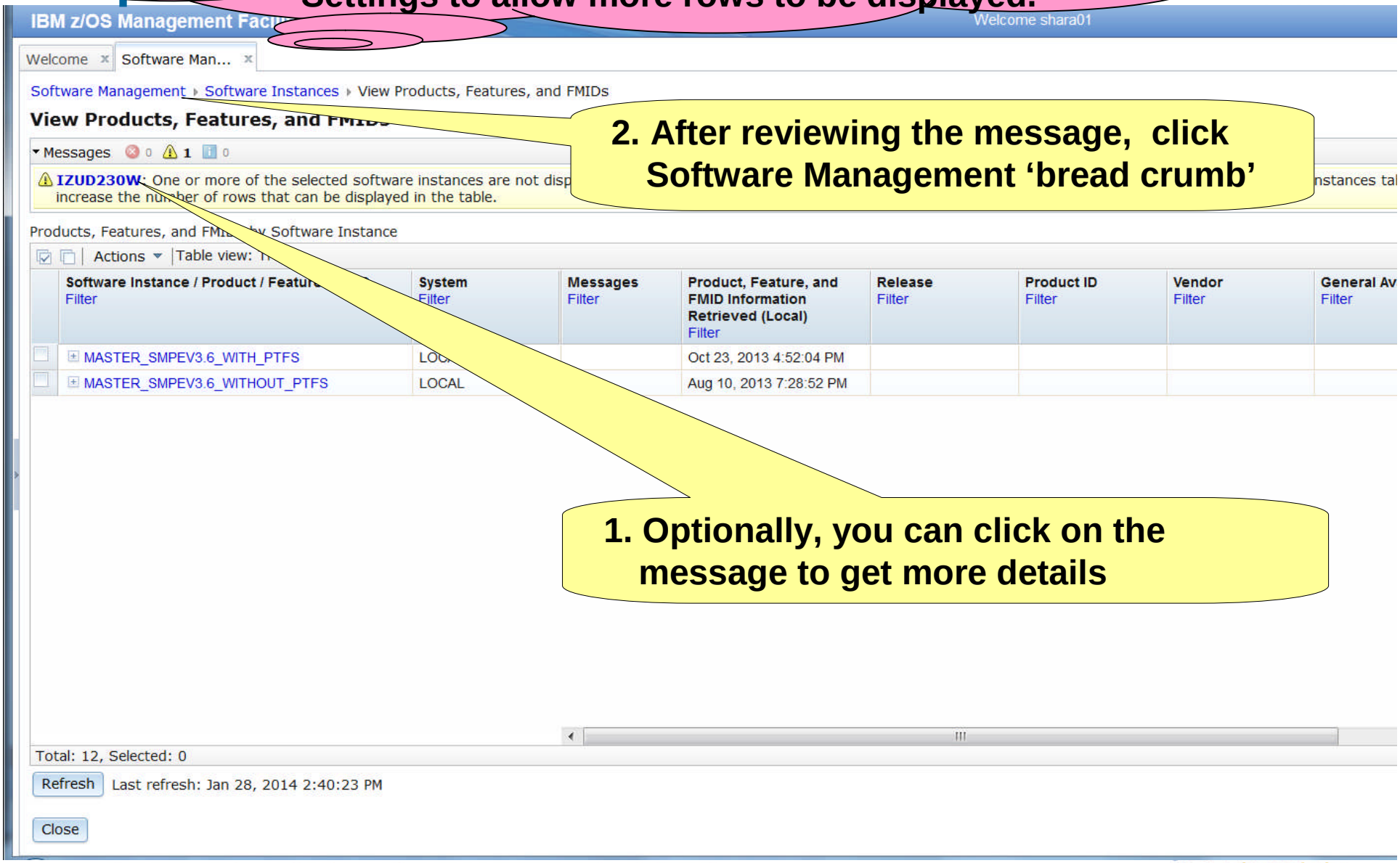
Only the software instances that contain "MASTER" are now displayed



All the software instances are now selected



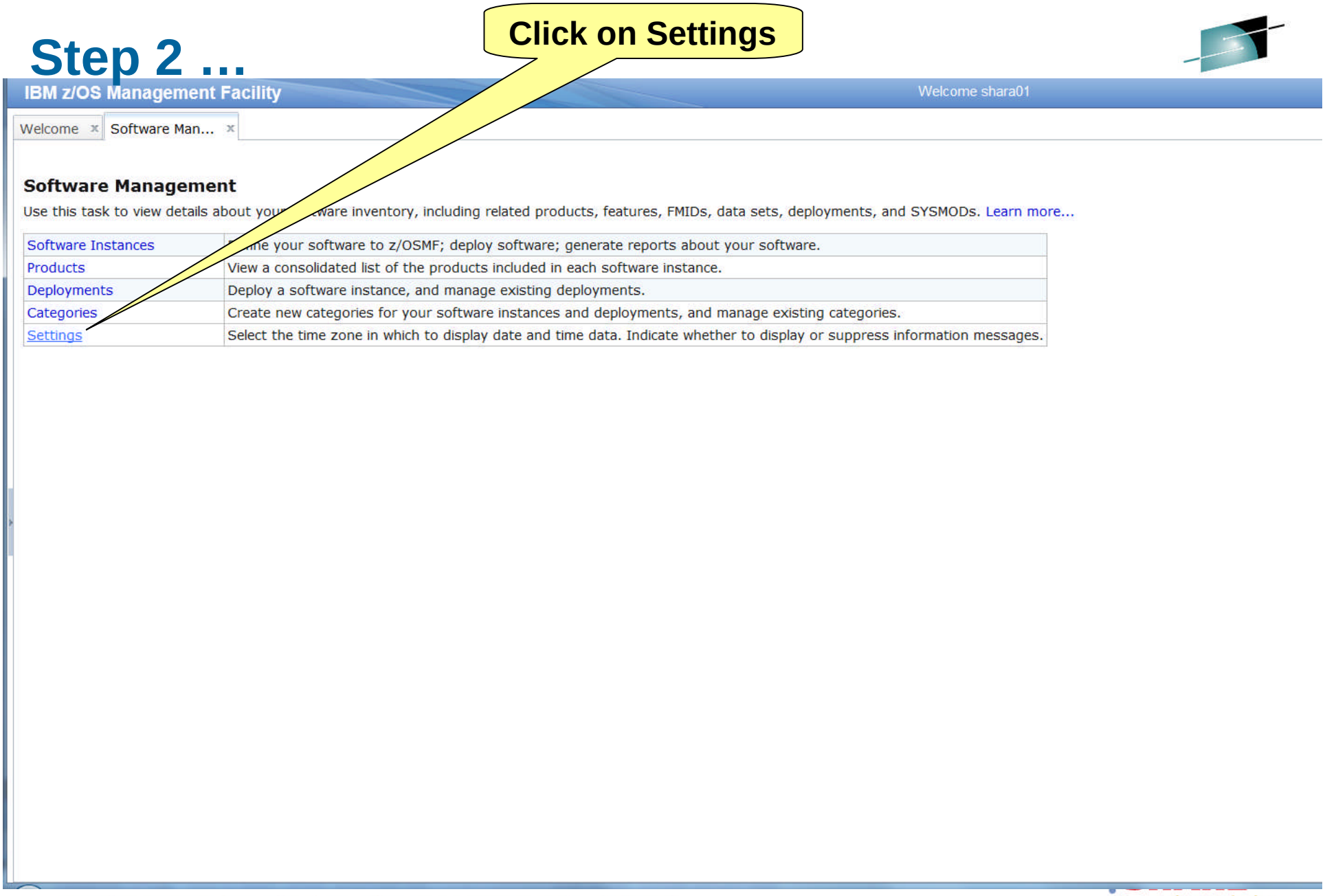
Message IZUD230W is generated stating that the display will exceed 750 rows. You will change the Settings to allow more rows to be displayed.



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

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

Step 2 …



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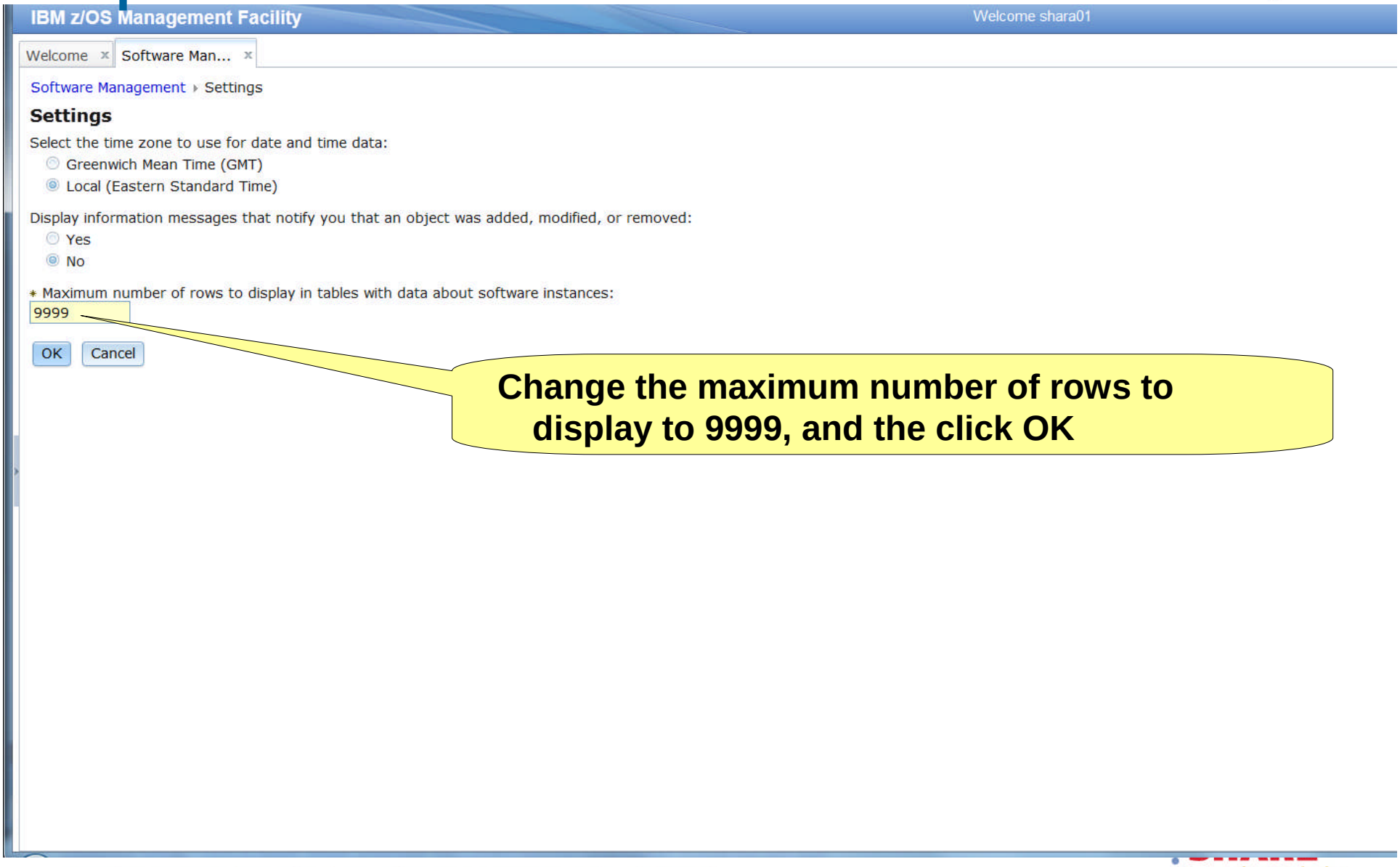
Step 2 …



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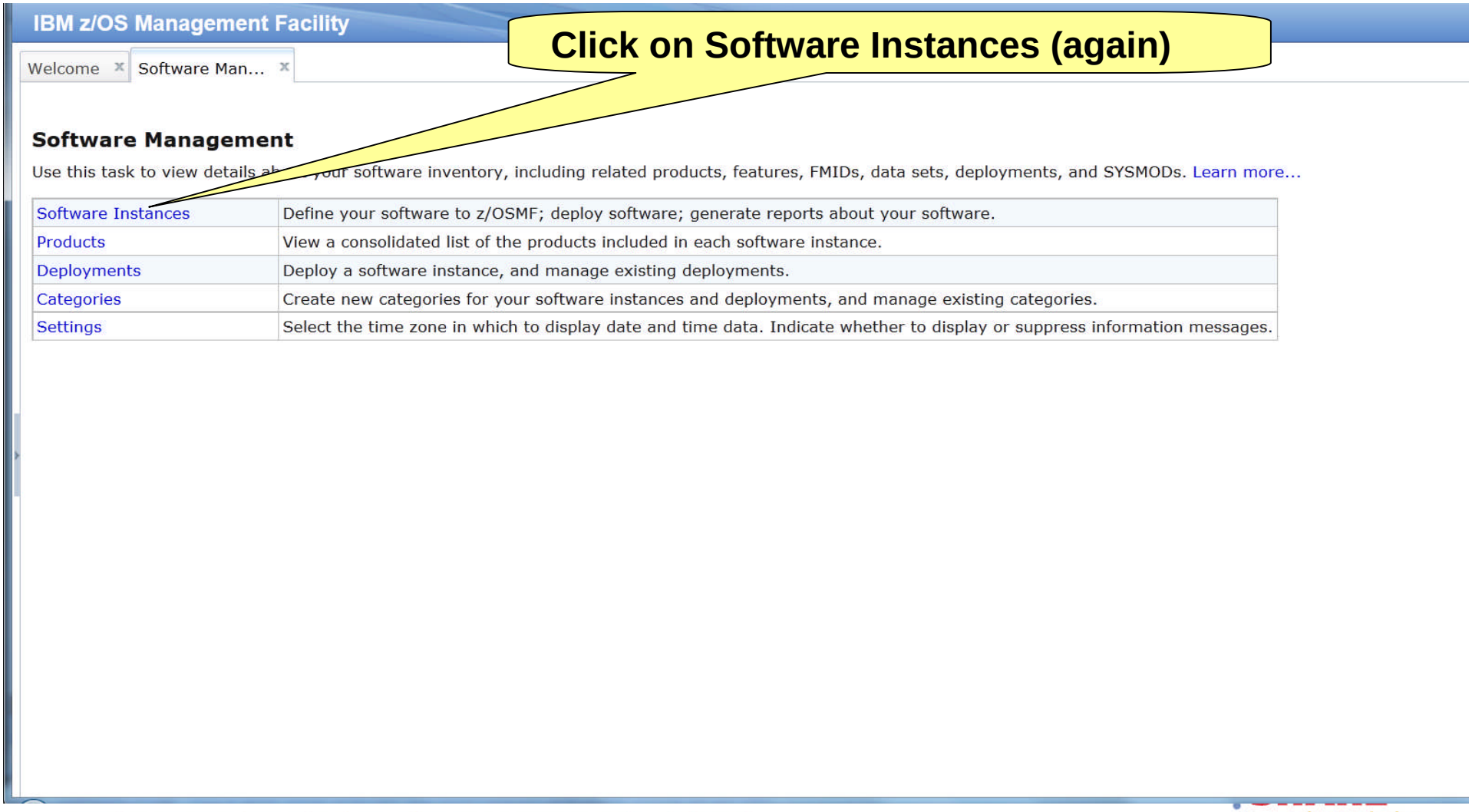
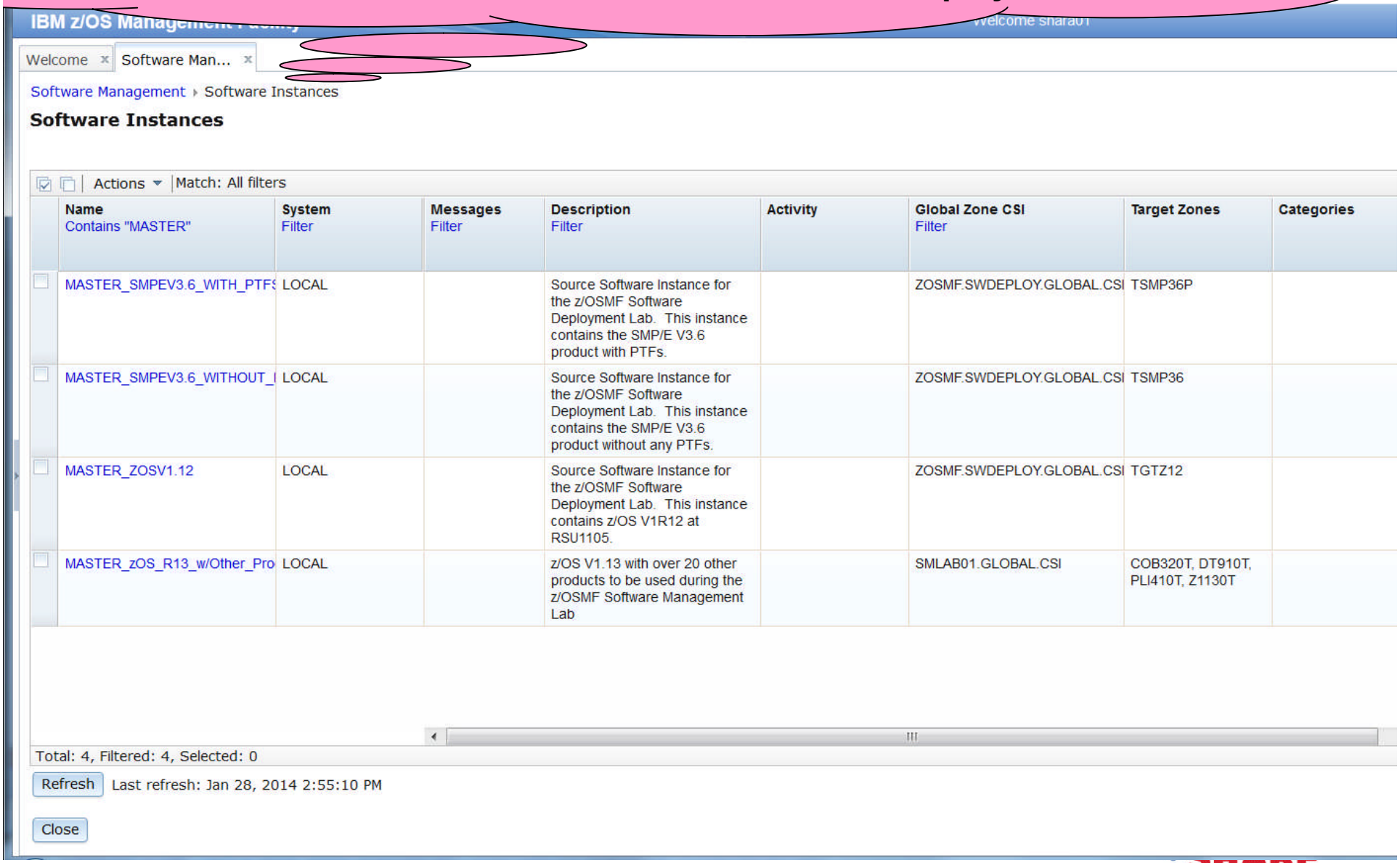
Step 3a: View the "Master" Software Instances' Products, Features, and FMIDs

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

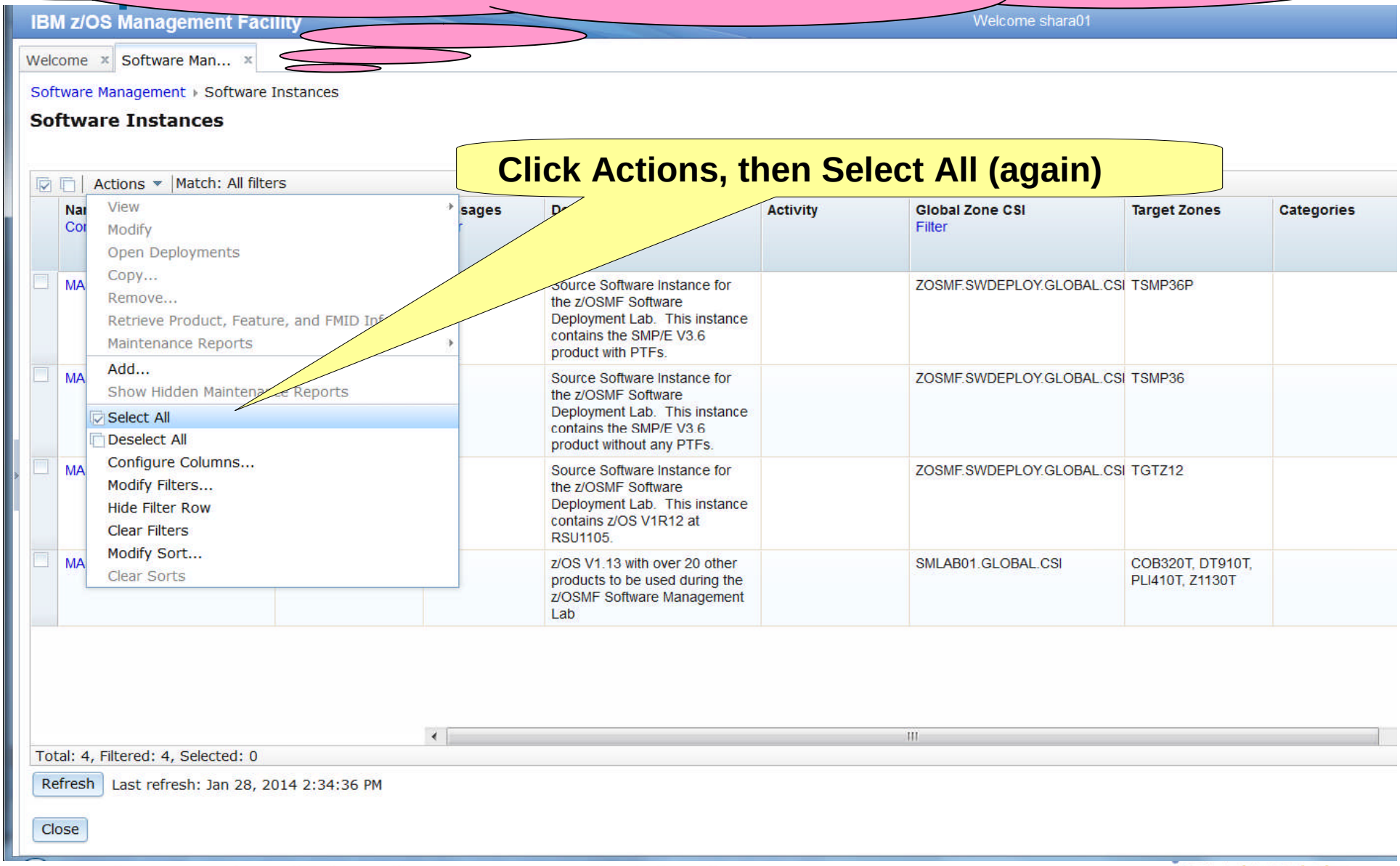
Step 3a



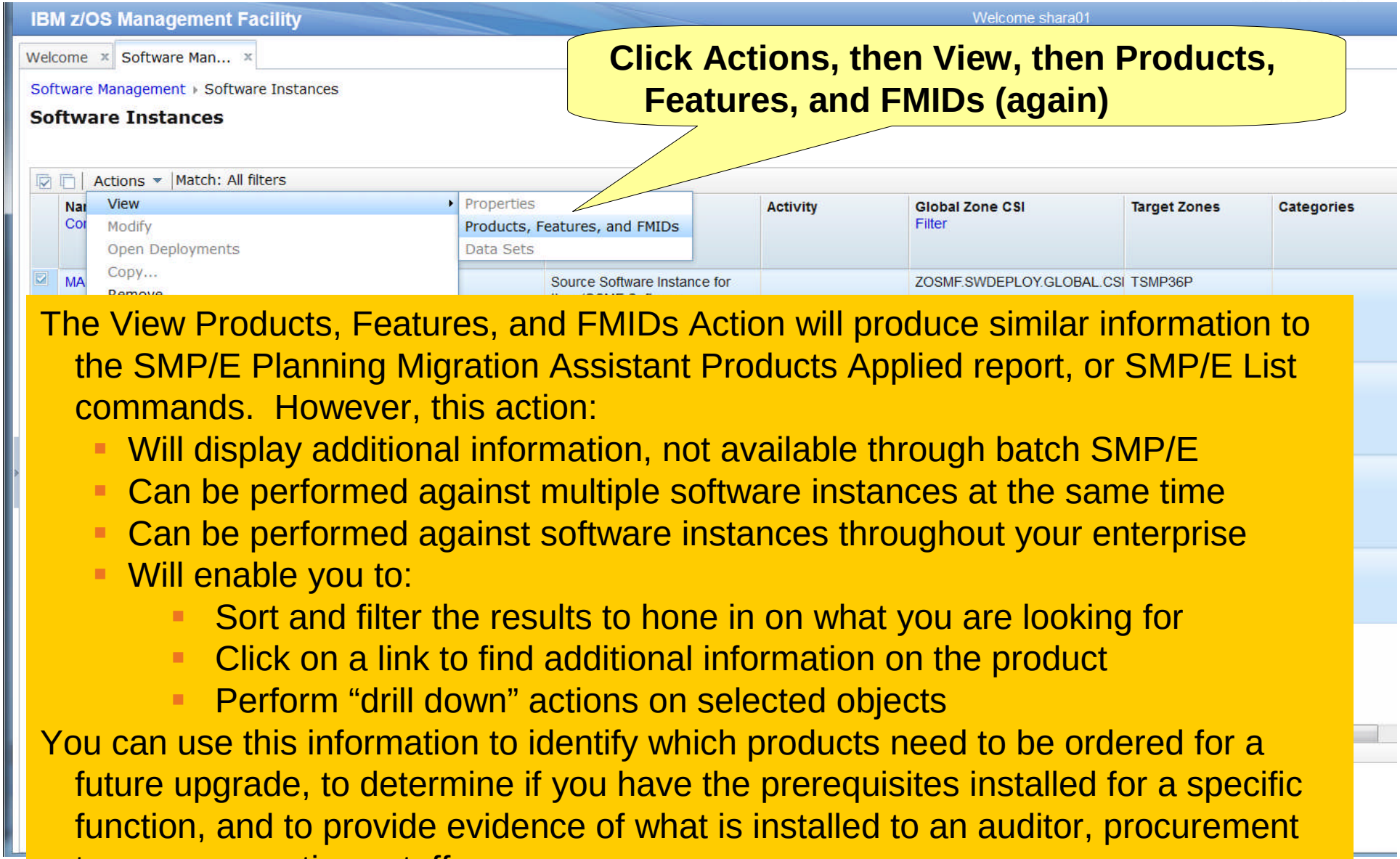
Notice that the Name Filter is still set and that ONLY Software Instances that contain "Master" are displayed.



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



Step 3a …

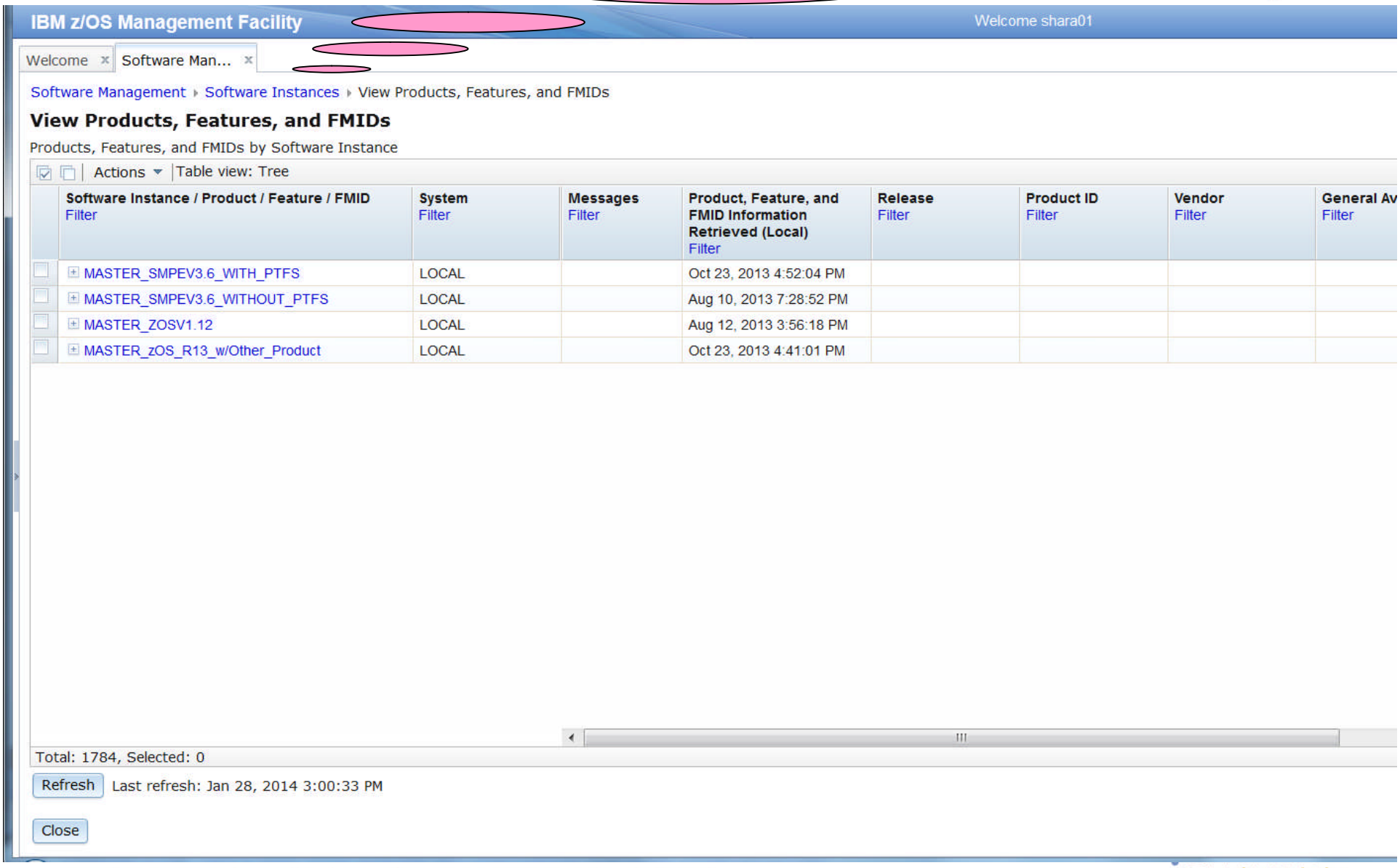


The View Products, Features, and FMIDs Action will produce similar information to the SMP/E Planning Migration Assistant Products Applied report, or SMP/E List commands. However, this action:

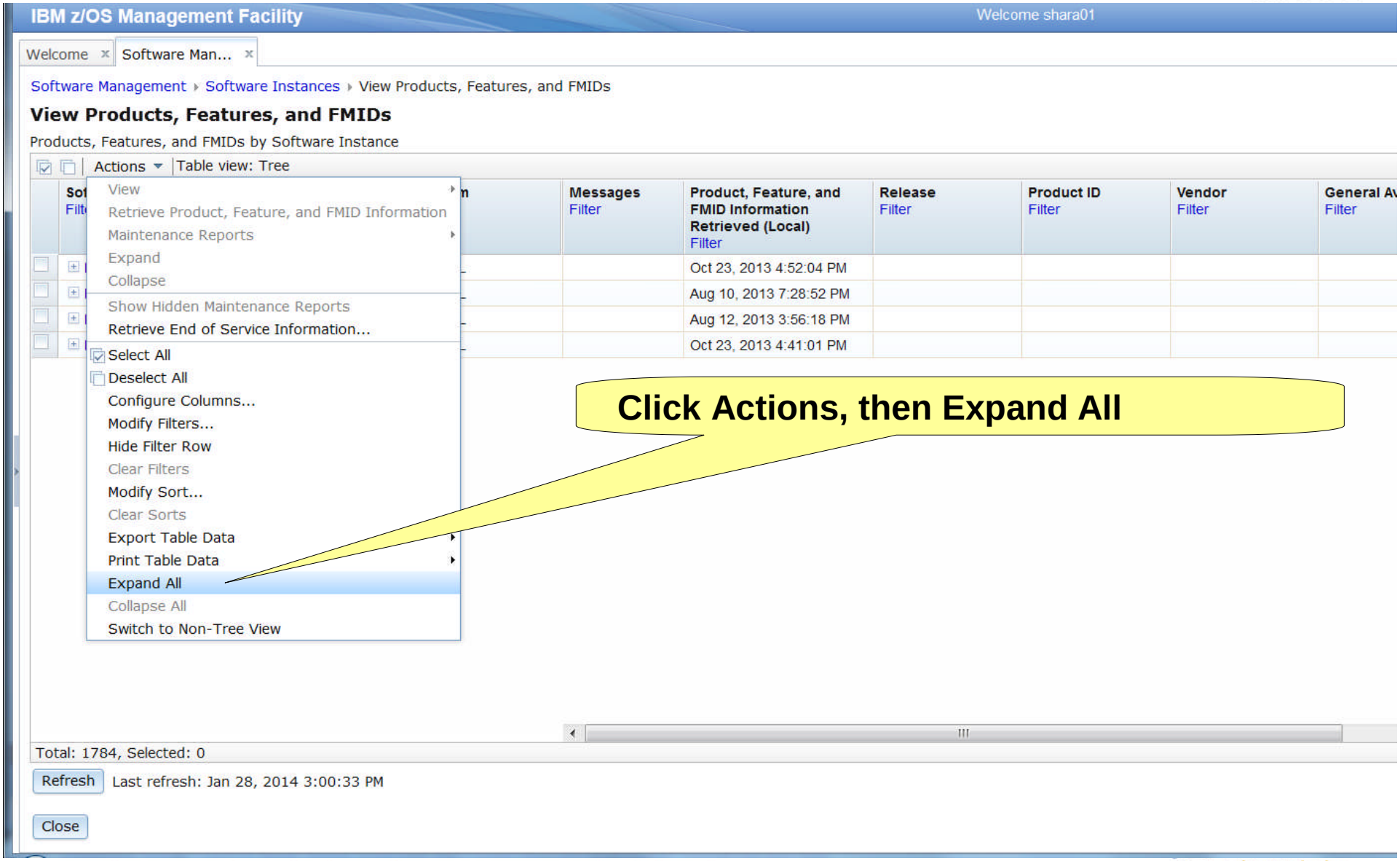
- Will display additional information, not available through batch SMP/E
- Can be performed against multiple software instances at the same time
- Can be performed against software instances throughout your enterprise
- Will enable you to:
  - Sort and filter the results to hone in on what you are looking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

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

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



Step 3a …



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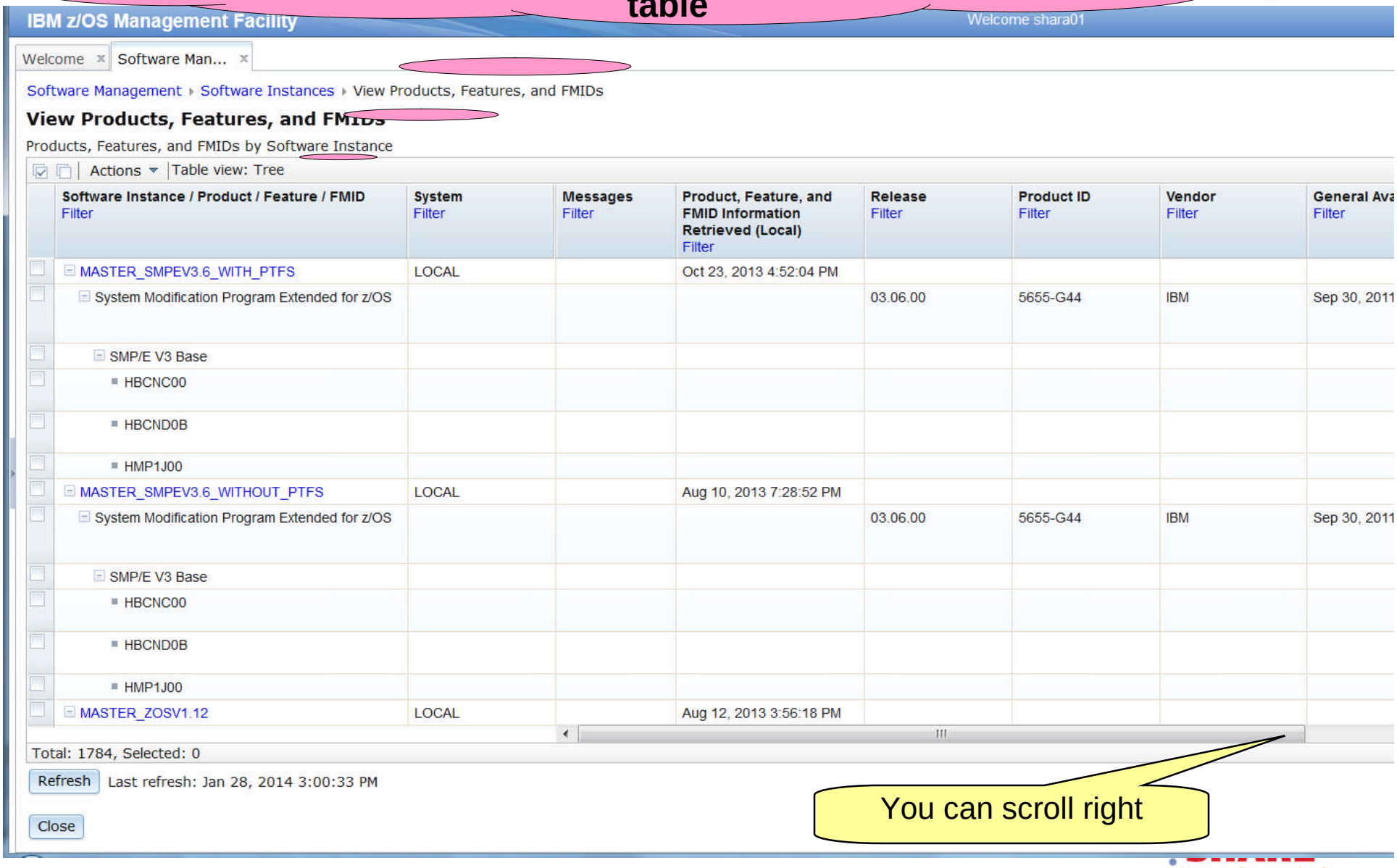
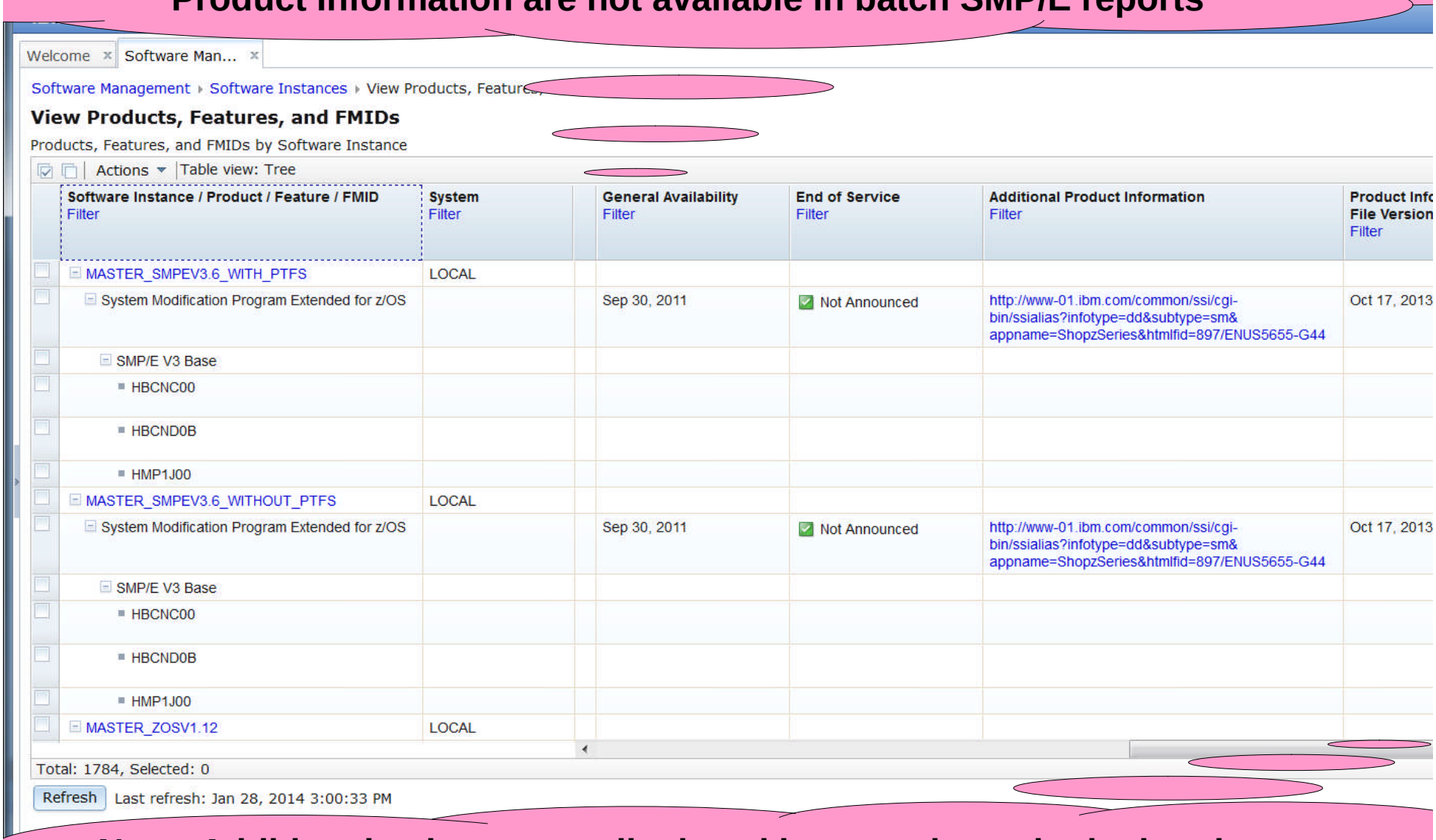
The products, features and FMIDs are listed in a tree table



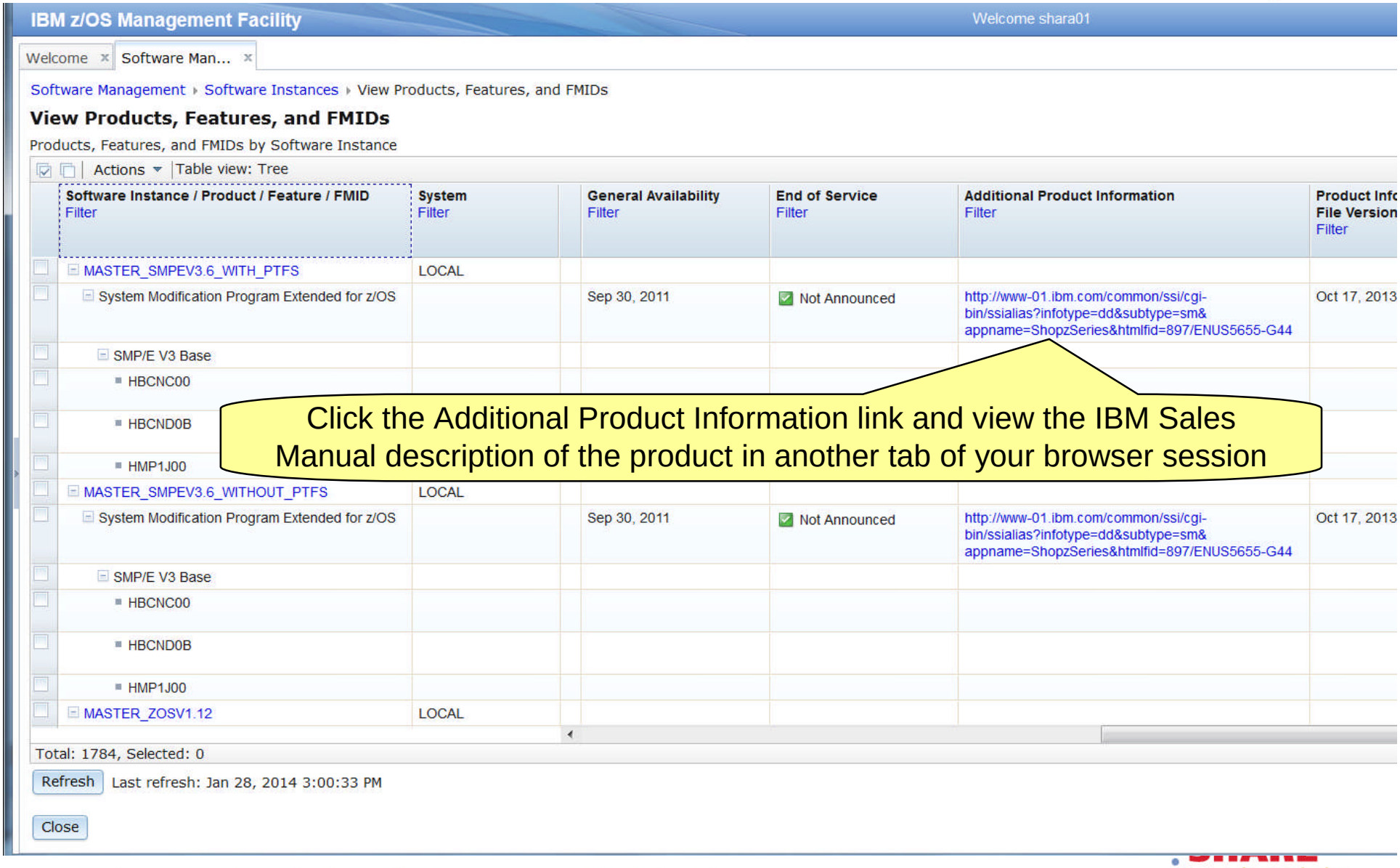
The General Availability date, End of Service dates, and Additional Product Information are not available in batch SMP/E reports



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

Step 3b: View the "Master" Software Instances' Additional Product Information

Step 3b



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

Step 3b …

Feedback

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

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

- Product Life Cycle Dates
- Program Number
- Abstract
- Product Positioning
- Highlights
- Description
- Technical Description
- Operating Environment
- Planning Information
- Security, Auditability, and Control

Product Life Cycle Dates

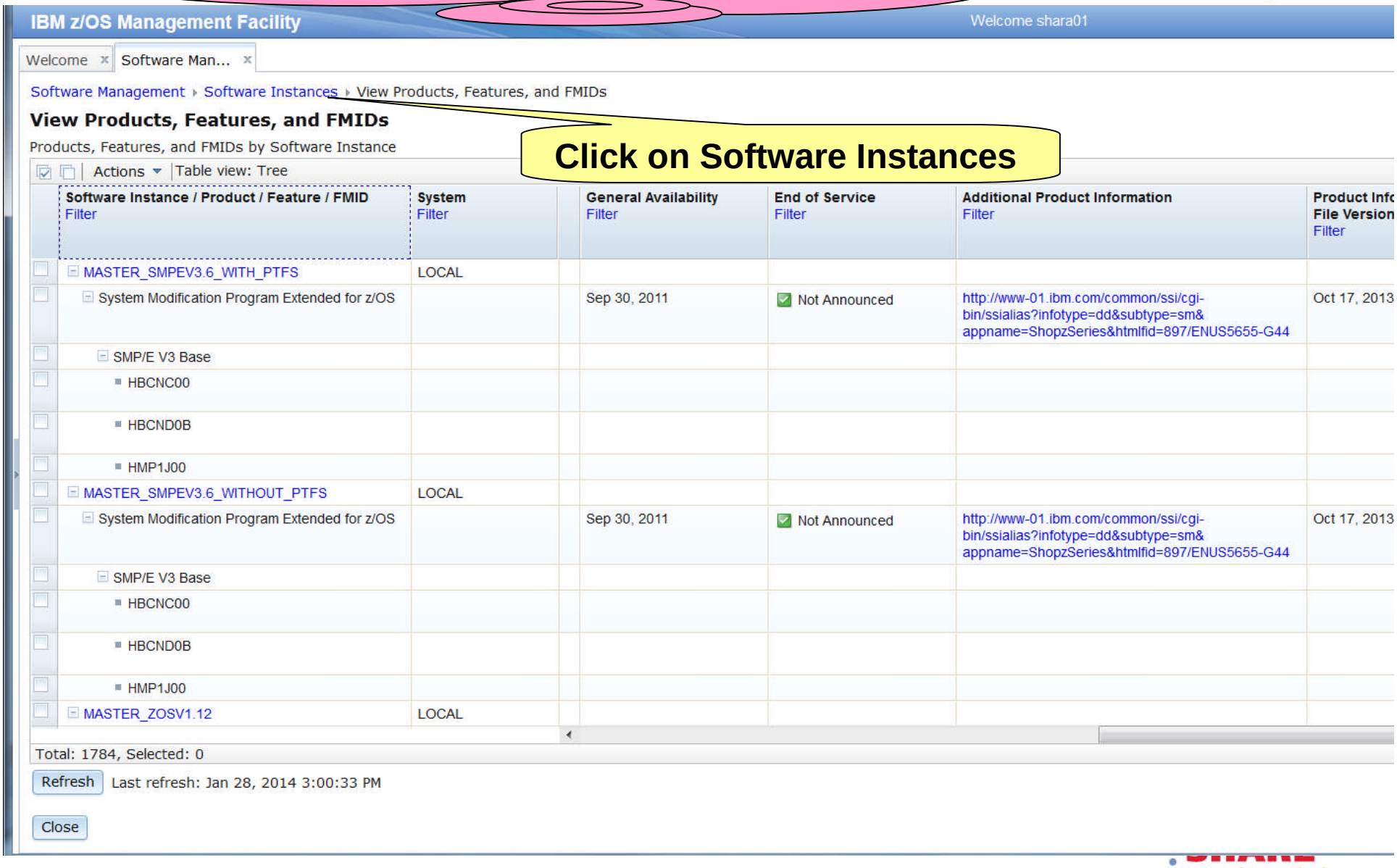
Program Number	VRM	Announced	Available	Marketing Withdrawn	Service Discontinued
5655-G44	03.06.00	2011/07/12	2011/09/30	-	-
5655-G44	03.05.00	2008/08/05	2008/09/26	-	2014/09/30
5655-G44	03.04.00	2005/07/26	2005/09/30	2008/09/26	2010/09/30
5655-G44	03.03.00	2004/08/10	2004/09/24	2005/09/30	2007/09/30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

Back to top

Program Number

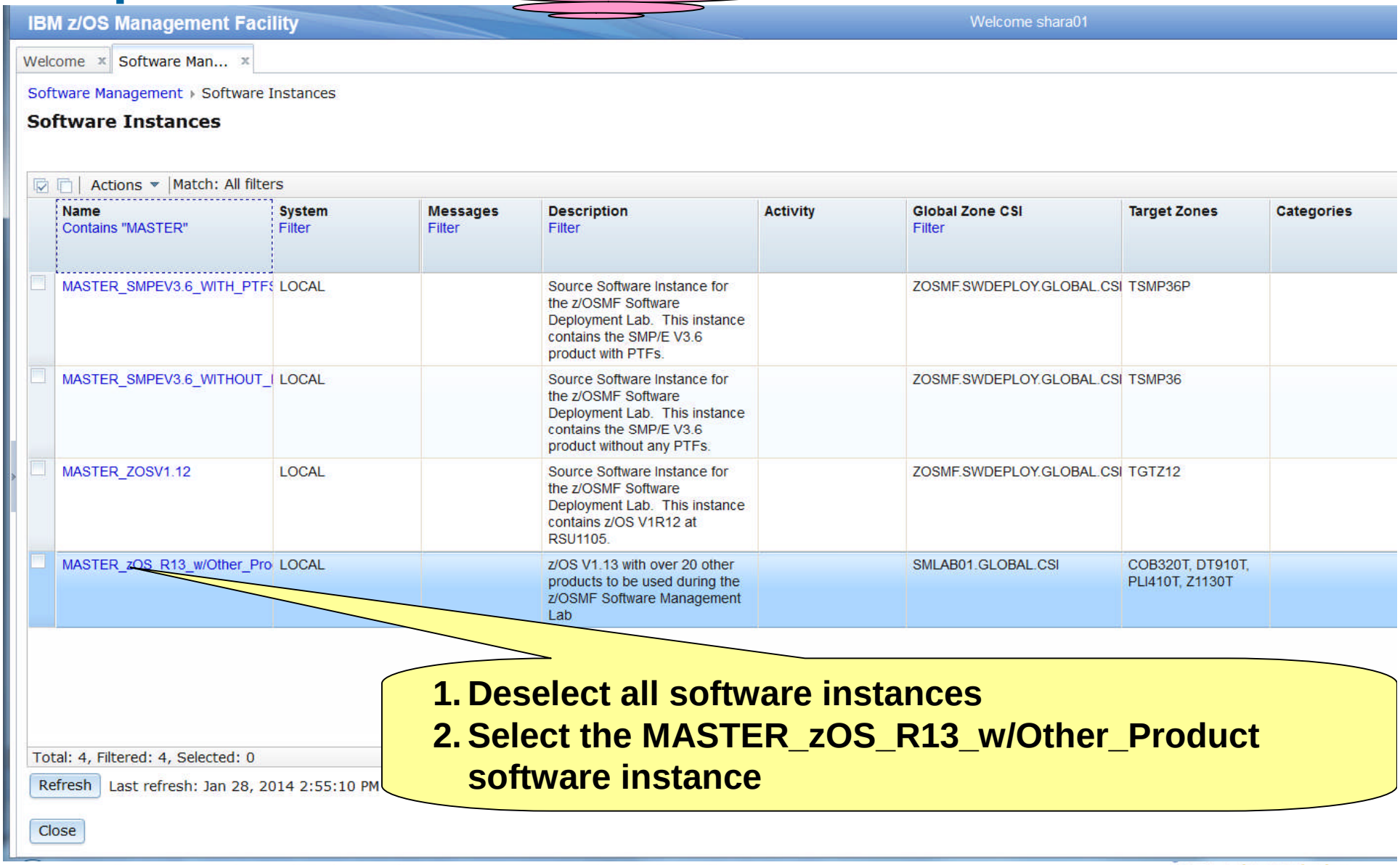
Step 3c: View the "Master" Software Instances' Properties

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



Now select the “Master” software instance created for this lab.

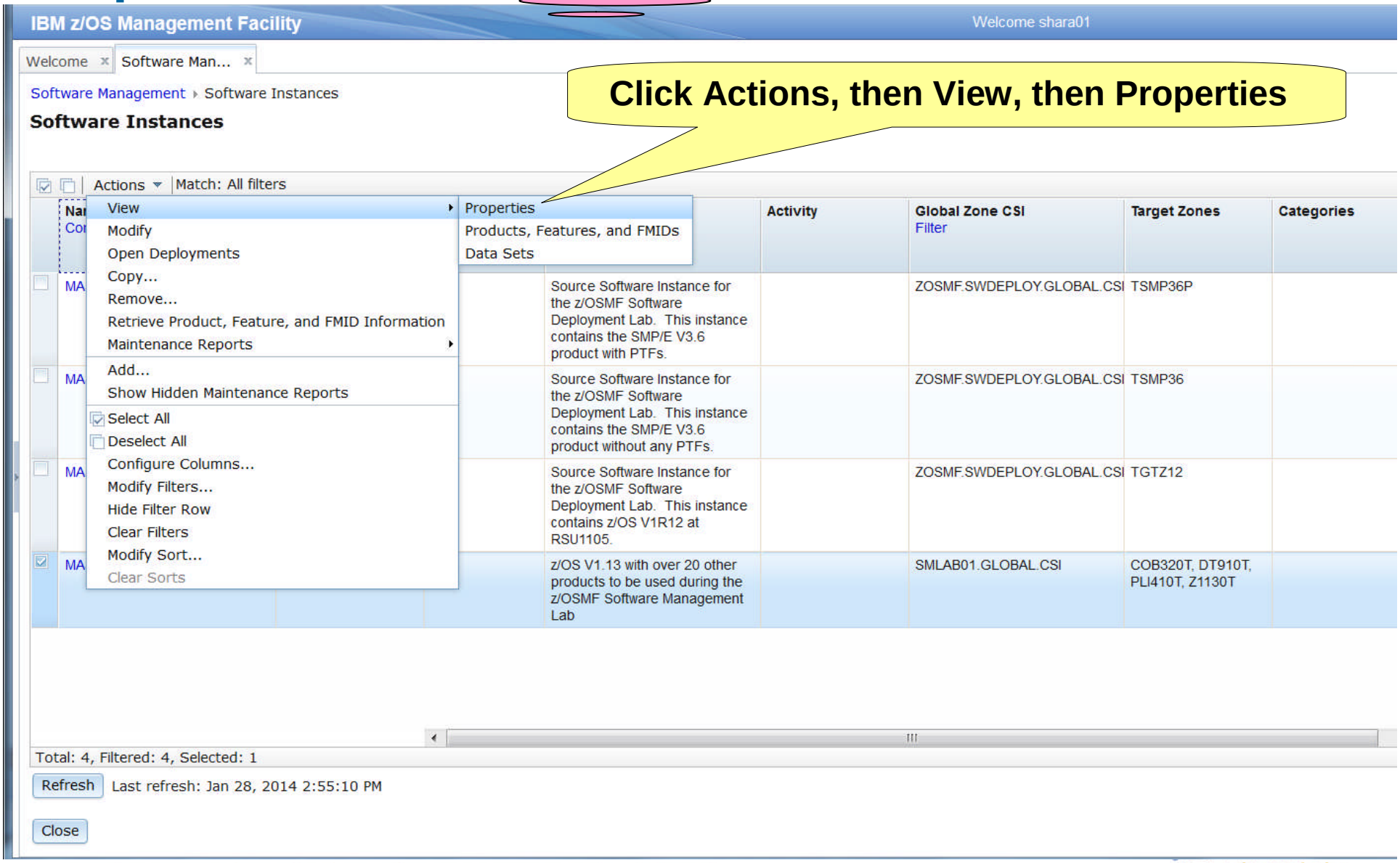
Step 3c ...



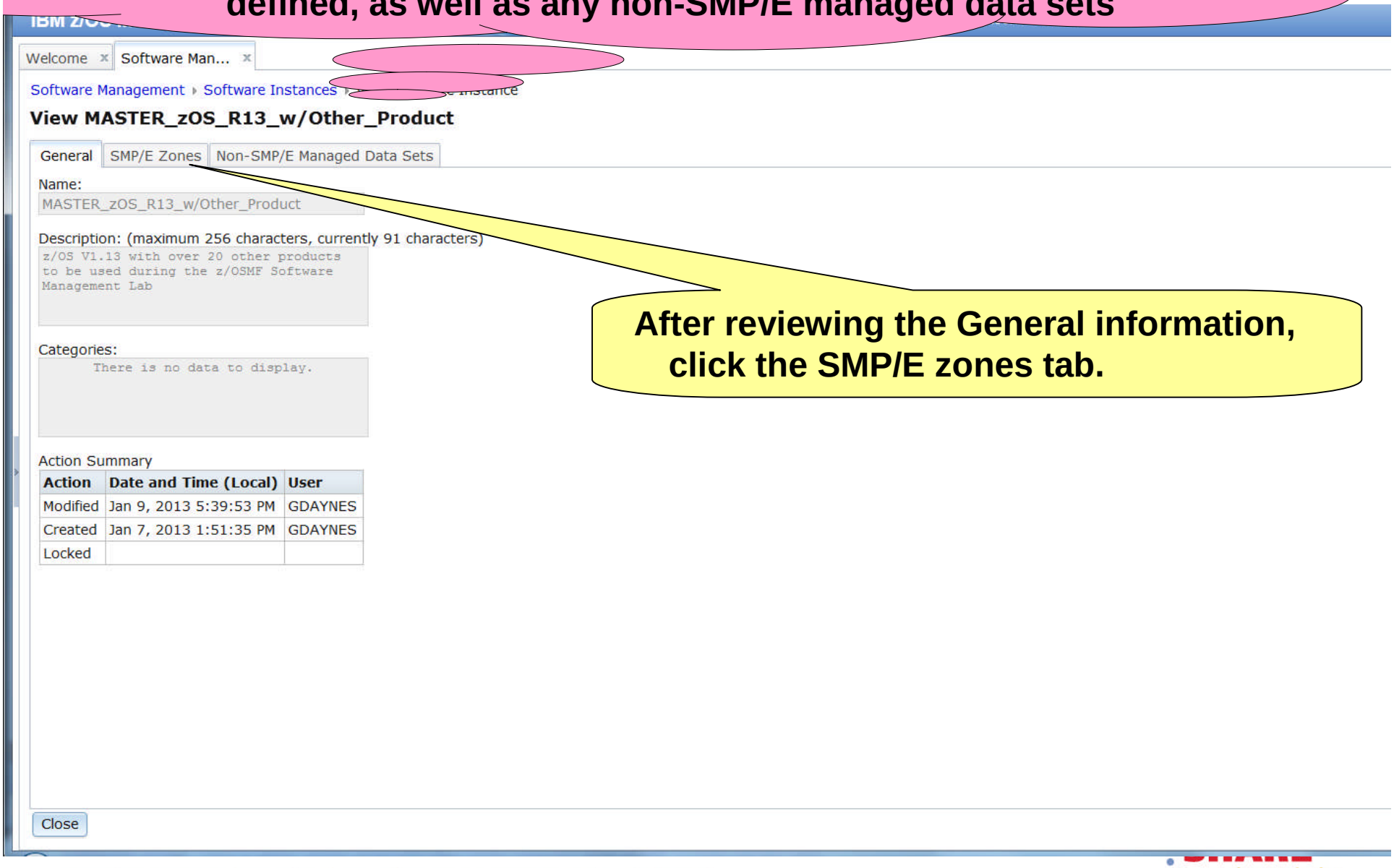
1. **Deselect all software instances**
2. **Select the MASTER_zOS_R13_w/Other_Product software instance**

First you will view the properties.

Step 3c …

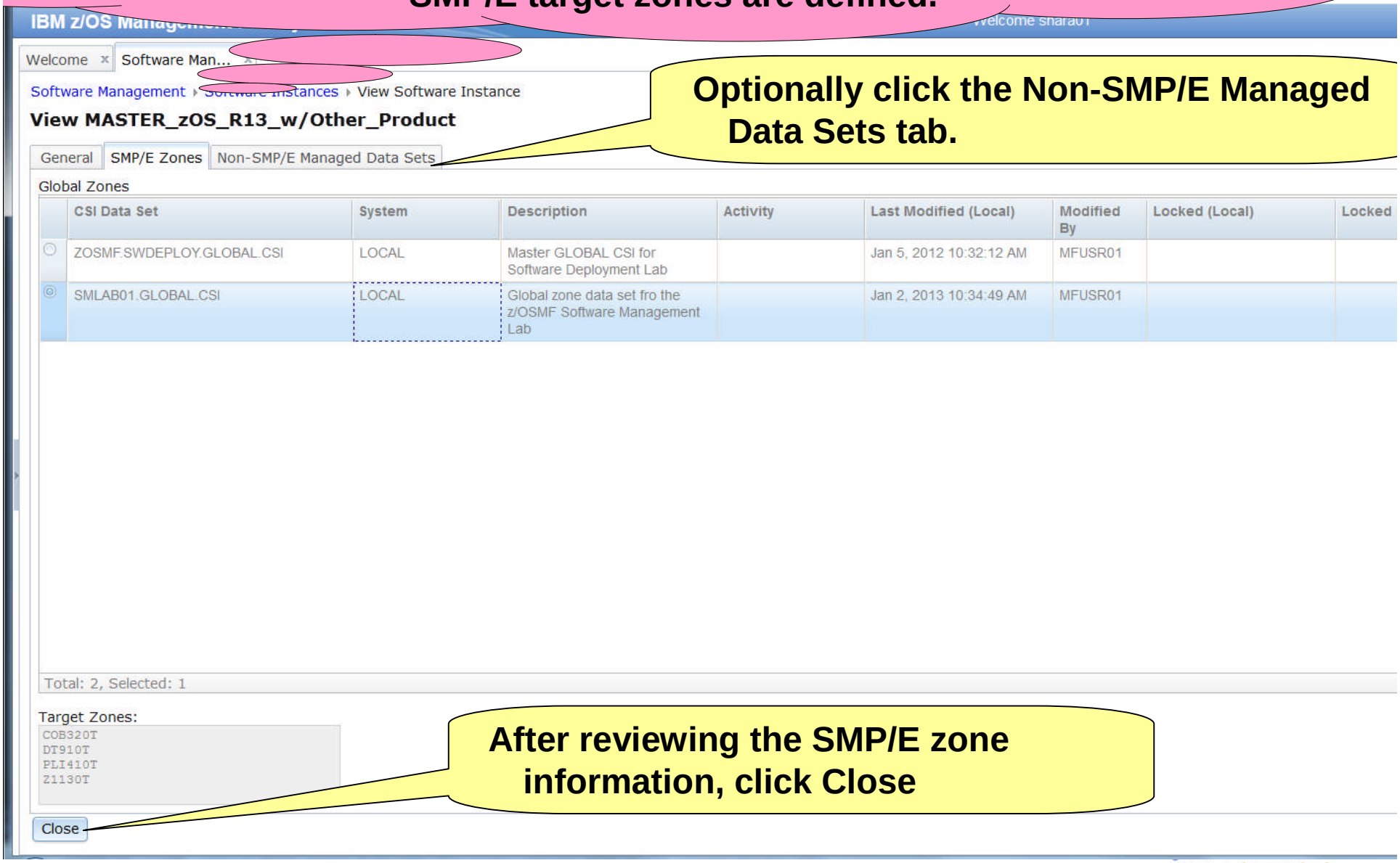


Multiple tabs are a available to view details of this specific software instance. You can see the description, what SMP/E zones are defined, as well as any non-SMP/E managed data sets



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

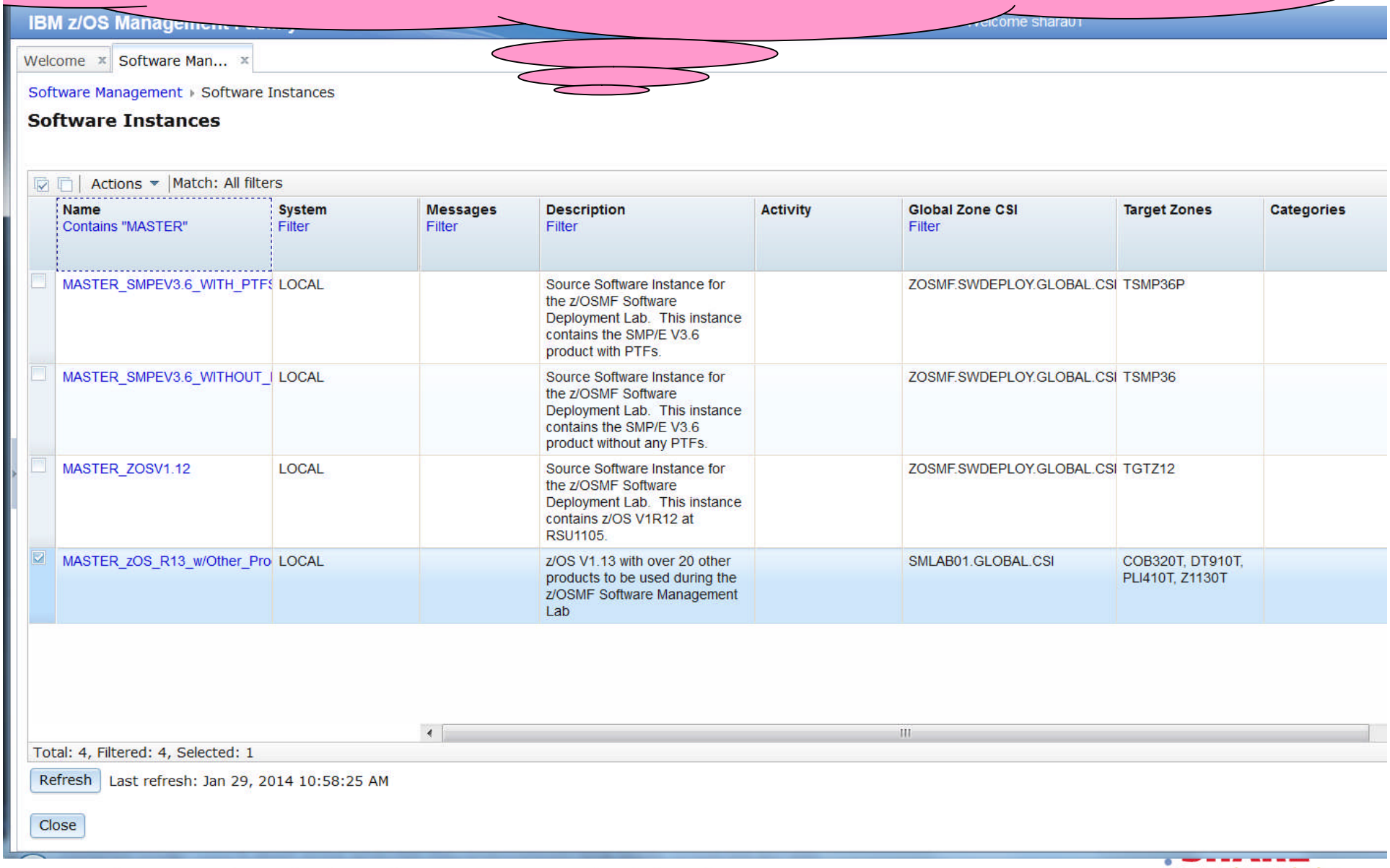
The SMP/E Zones tab shows a list of GLOBAL zone CSI data sets and which is used for this software instance, as well as what SMP/E target zones are defined.



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

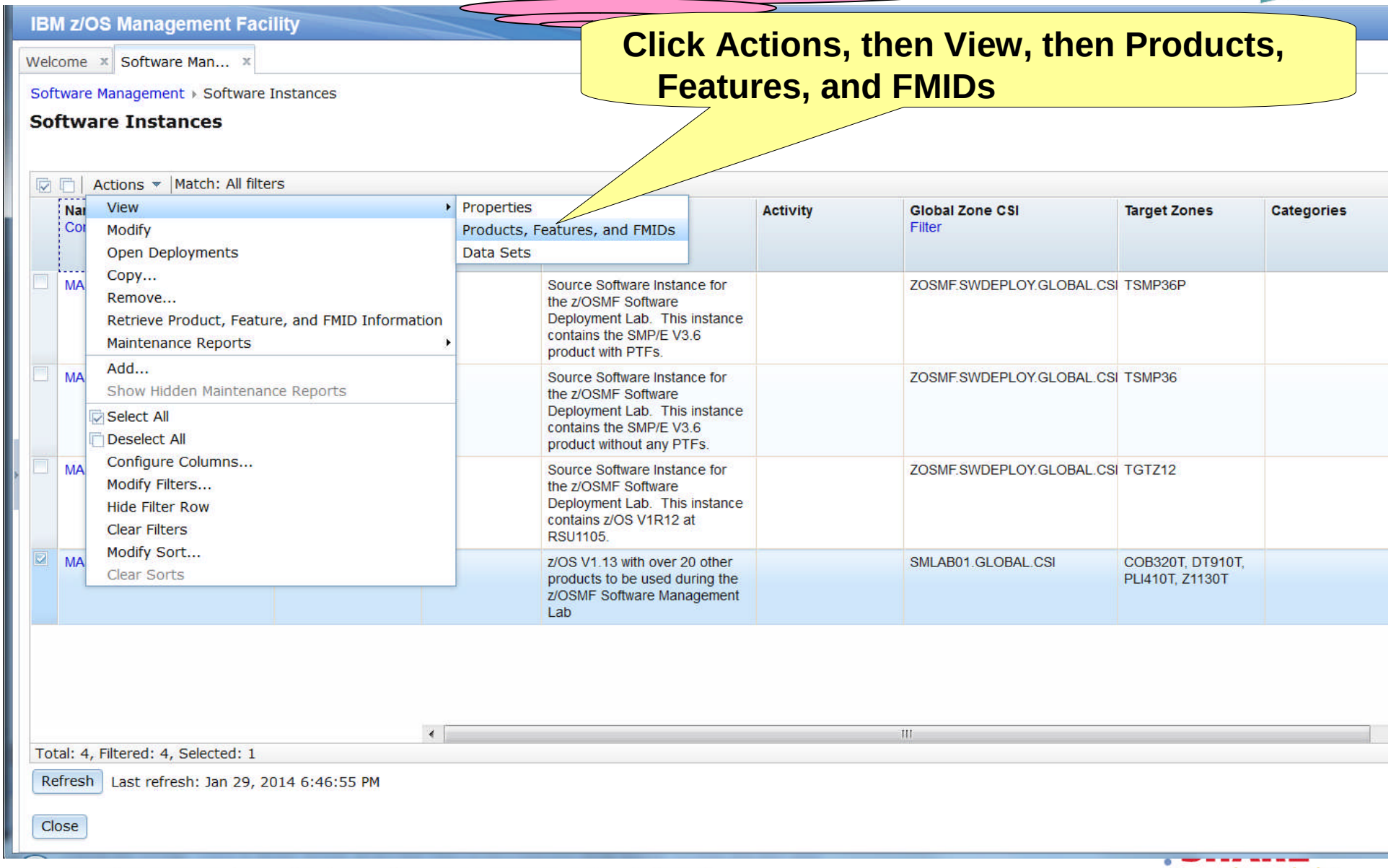
After reviewing the SMP/E zone information, click Close

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



Step 3d: View the "Master" Software Instances' Data Sets

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



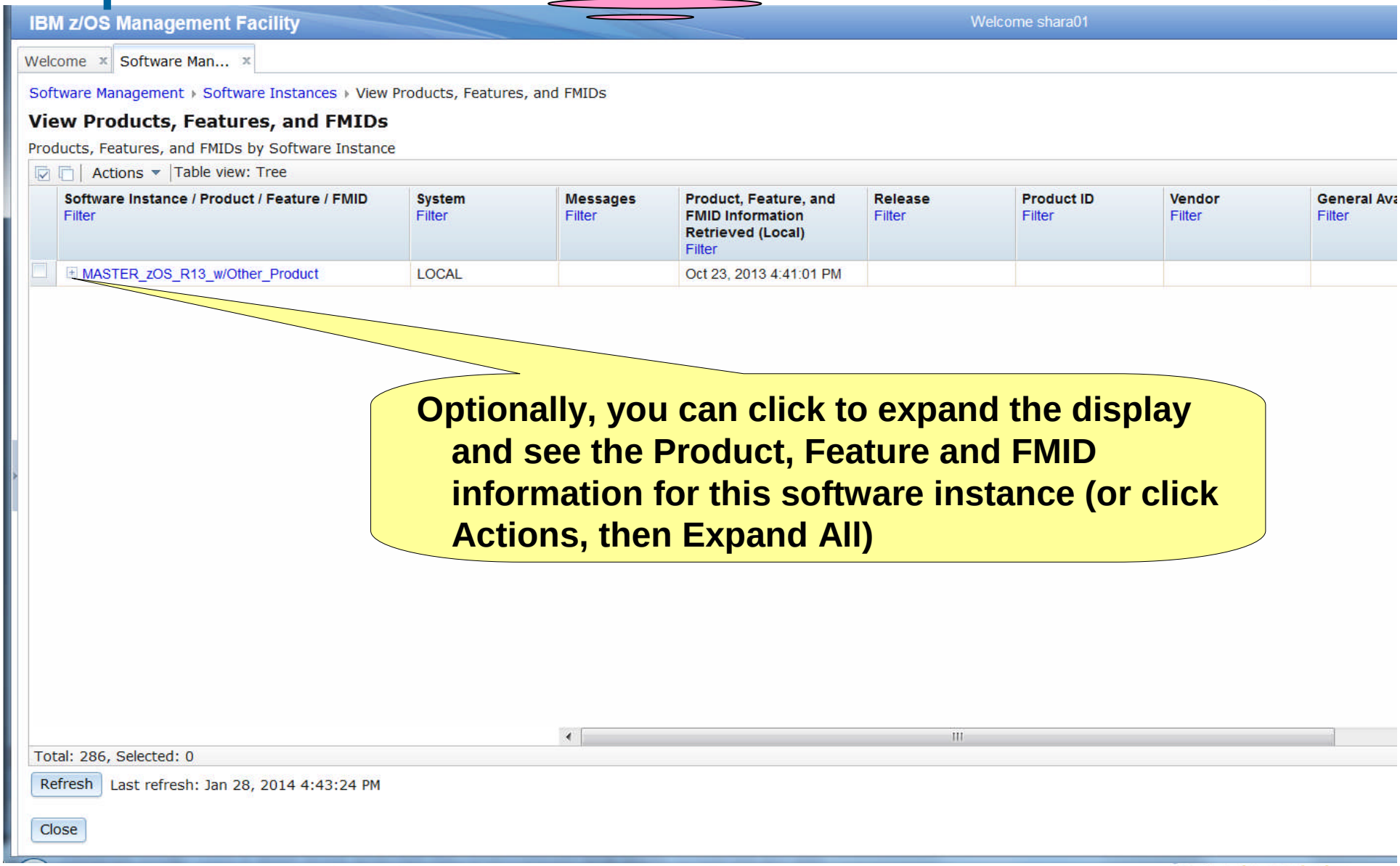
Click Actions, then View, then Products, Features, and FMIDs

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

in Anaheim

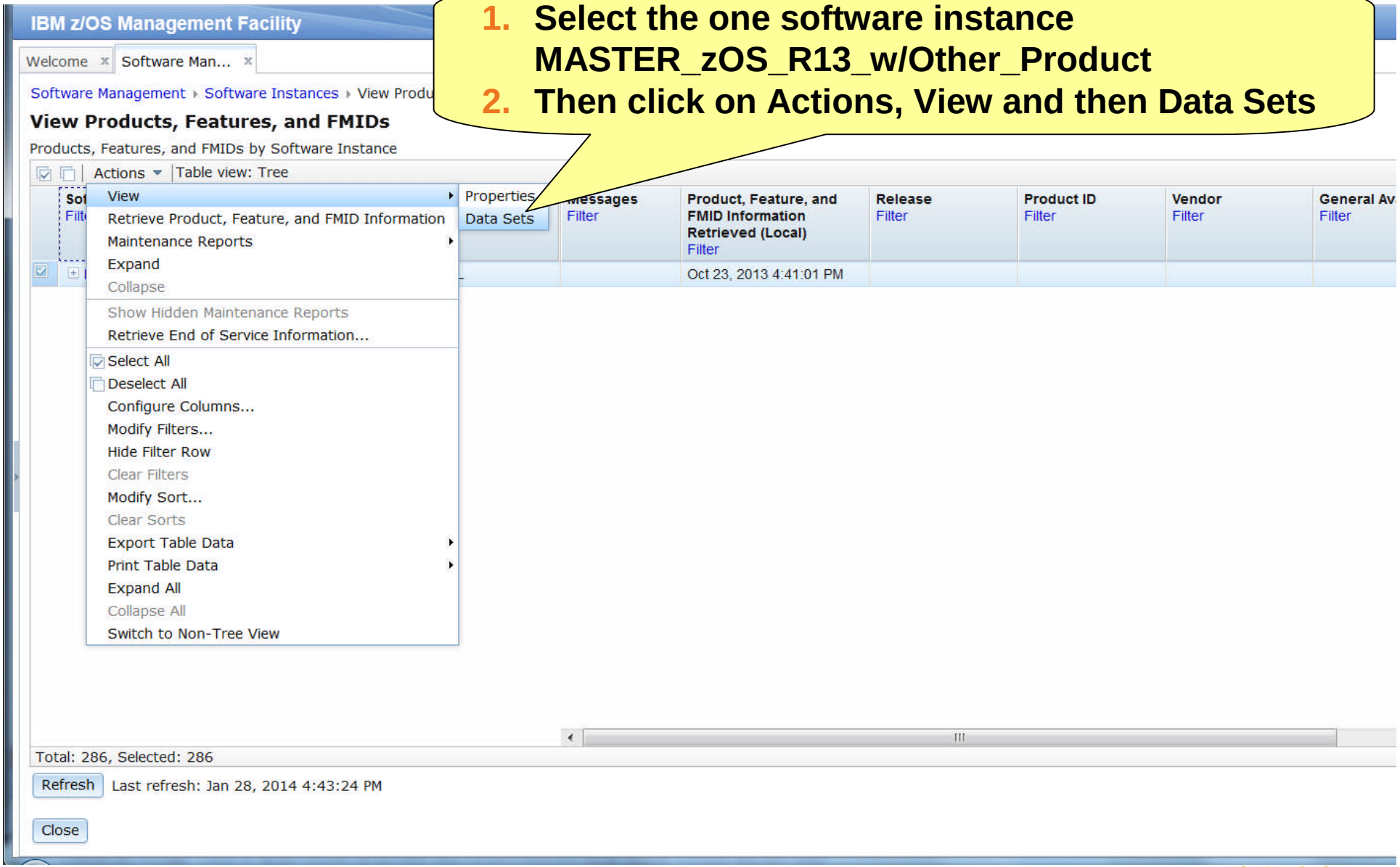
Next you will view data sets from viewing Products, Features, and FMIDs

Step 3d …

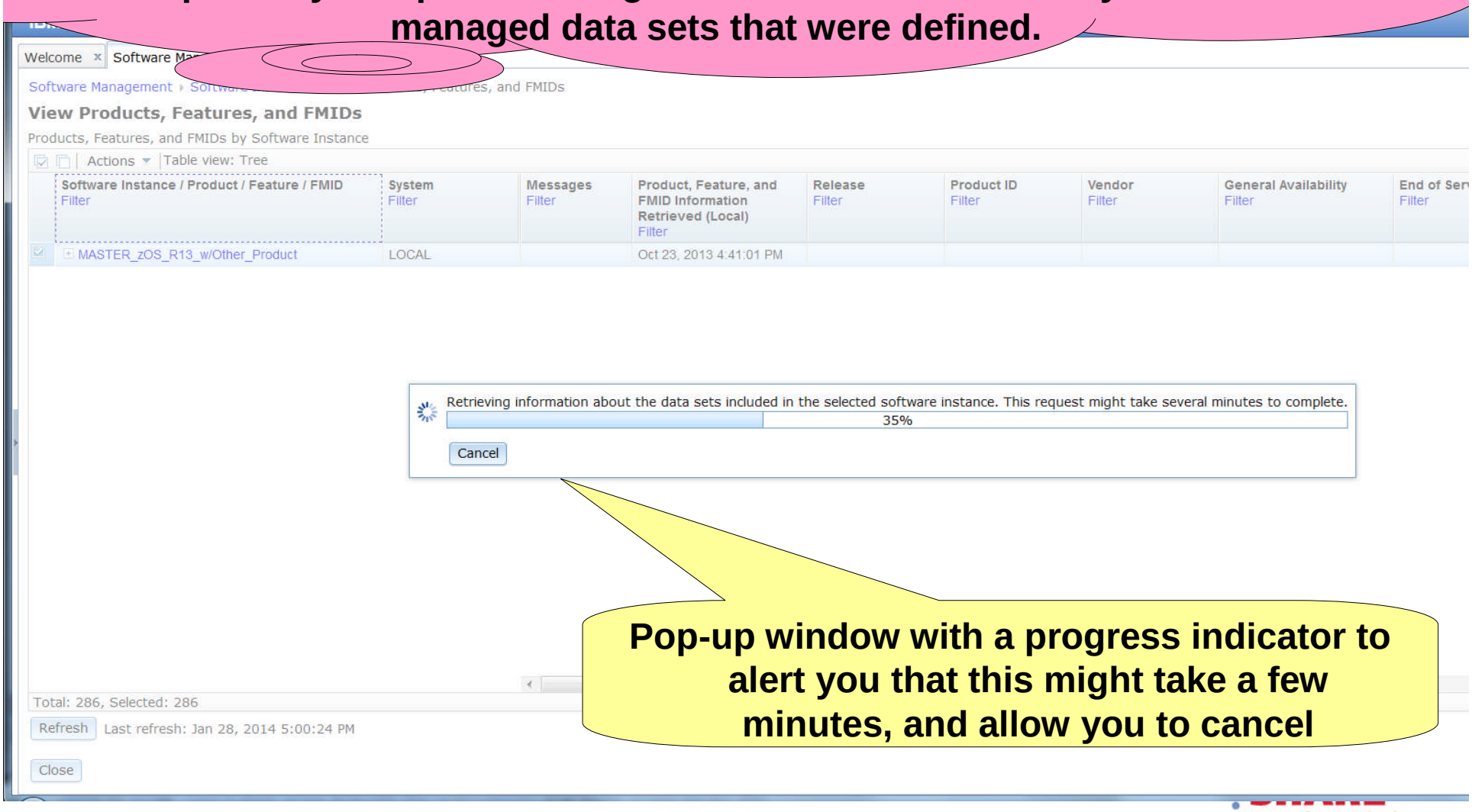


Optionally, you can click to expand the display and see the Product, Feature and FMID information for this software instance (or click Actions, then Expand All)

Step 3d …

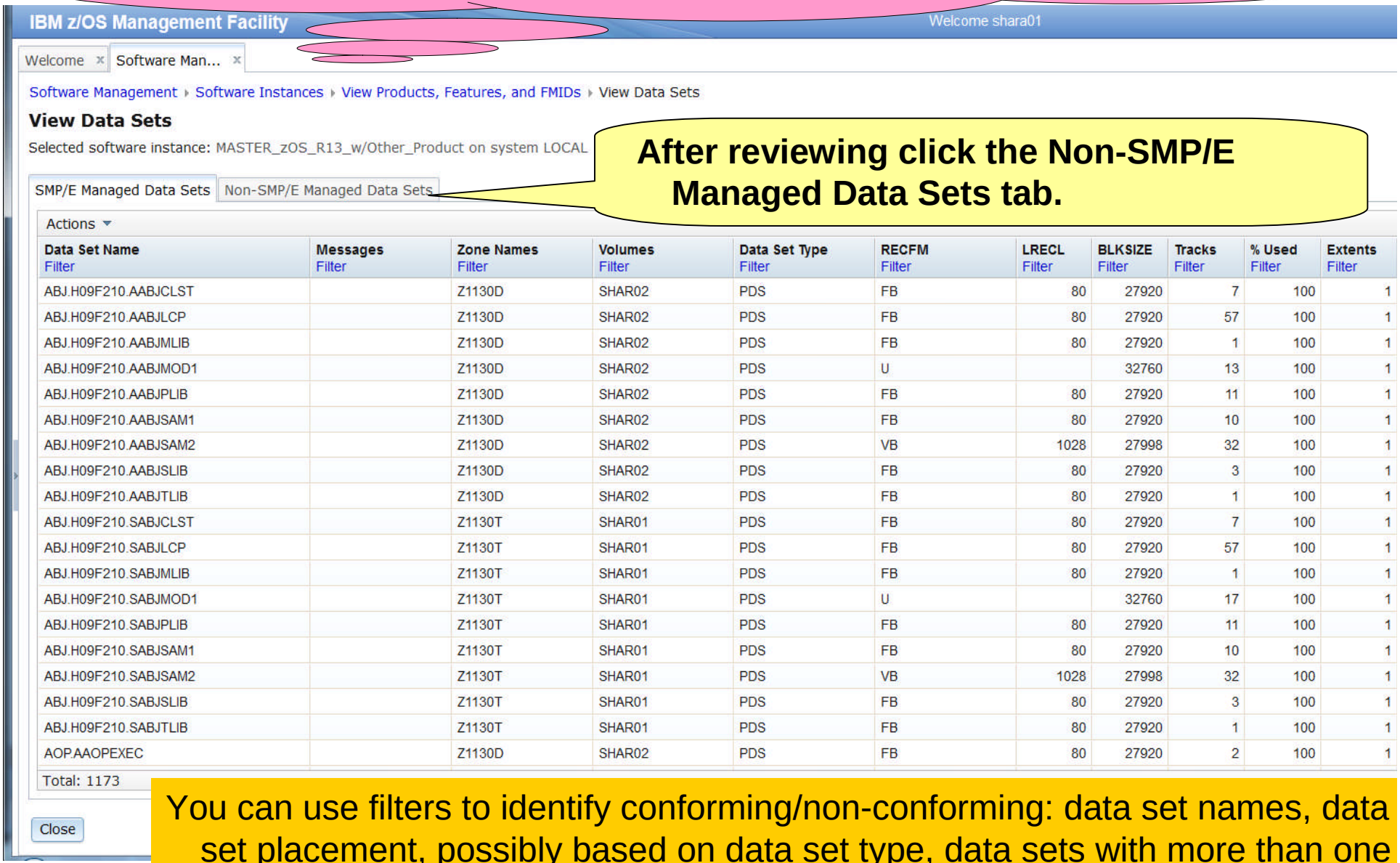

1. Select the one software instance MASTER_zOS_R13_w/Other_Product
2. Then click on Actions, View and then Data Sets
IBM z/OS Management Facility
Welcome
Software Man...
Software Management
Software Instances
View Produ
View Products, Features, and FMIDs
Products, Features, and FMIDs by Software Instance
Actions
Table view: Tree
View
Retrieve Product, Feature, and FMID Information
Maintenance Reports
Expand
Collapse
Show Hidden Maintenance Reports
Retrieve End of Service Information...
Select All
Deselect All
Configure Columns...
Modify Filters...
Hide Filter Row
Clear Filters
Modify Sort...
Clear Sorts
Export Table Data
Print Table Data
Expand All
Collapse All
Switch to Non-Tree View
Properties
Data Sets
Messages
Filter
Product, Feature, and FMID Information Retrieved (Local)
Filter
Release
Filter
Product ID
Filter
Vendor
Filter
General Av
Filter
Oct 23, 2013 4:41:01 PM
Total: 286, Selected: 286
Refresh
Last refresh: Jan 28, 2014 4:43:24 PM
Close

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



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

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

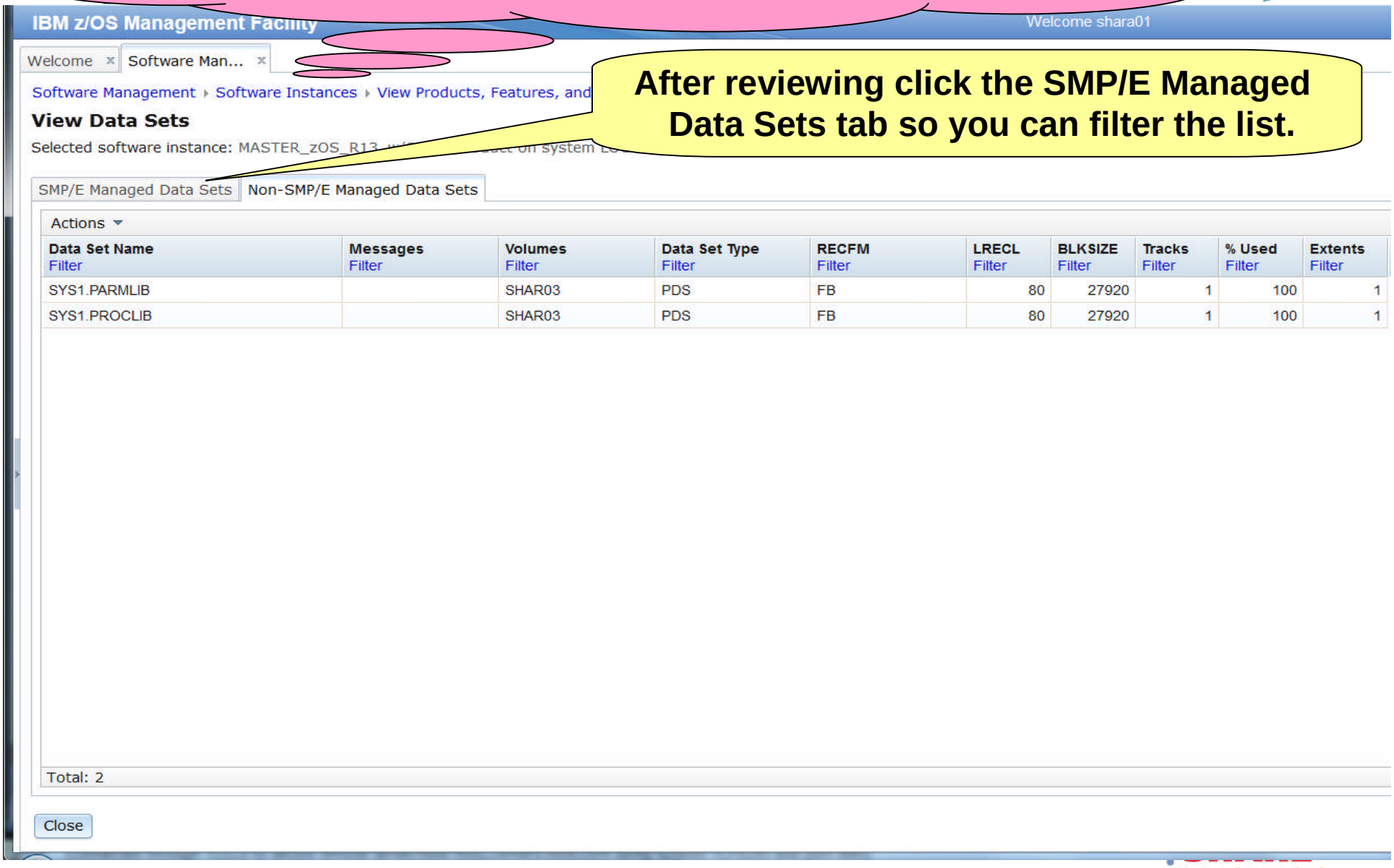


After reviewing click the Non-SMP/E Managed Data Sets tab.

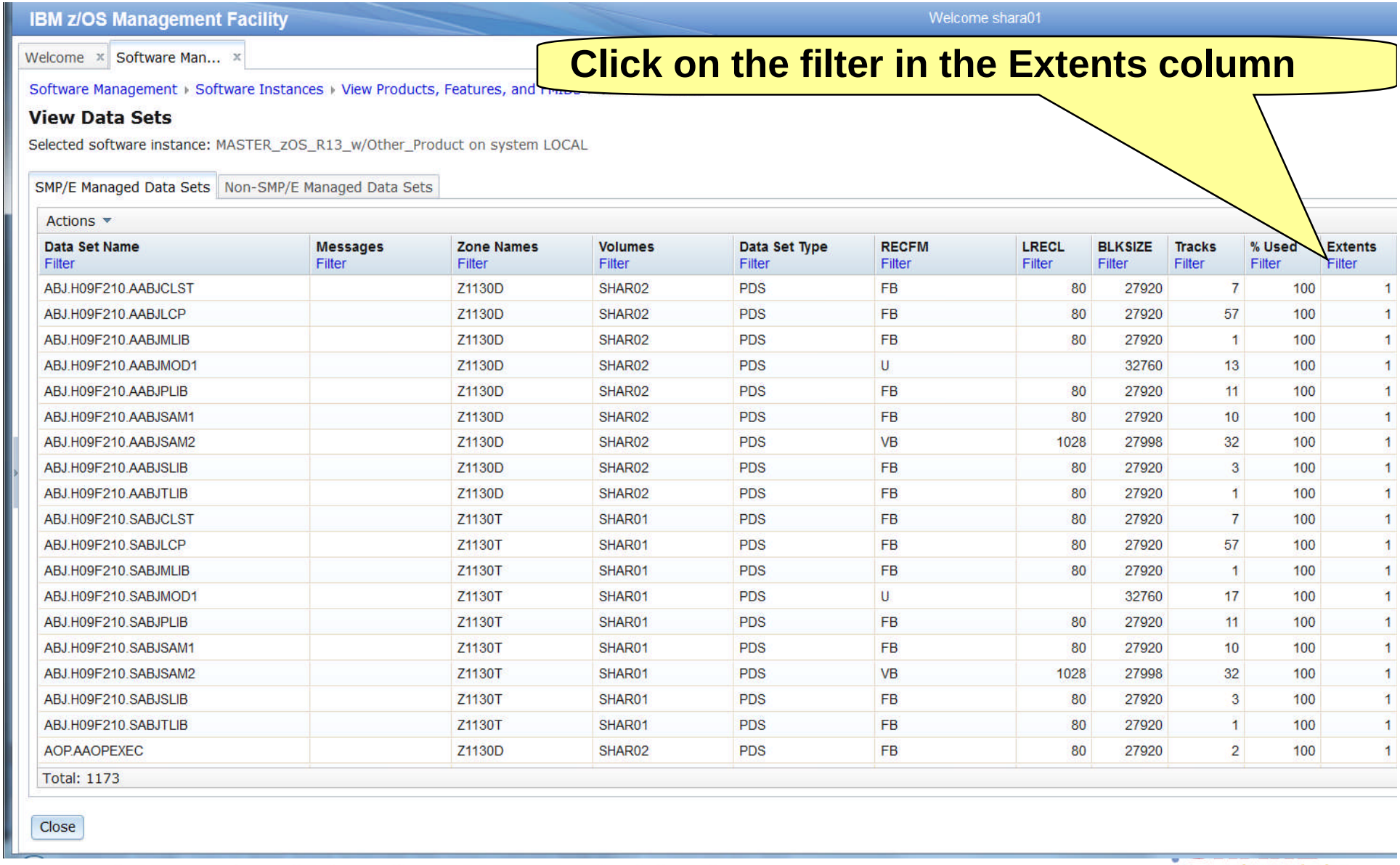
You can use filters to identify conforming/non-conforming: data set names, data set placement, possibly based on data set type, data sets with more than one extent, etc. In the lab you will identify data sets with more than one extent.

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

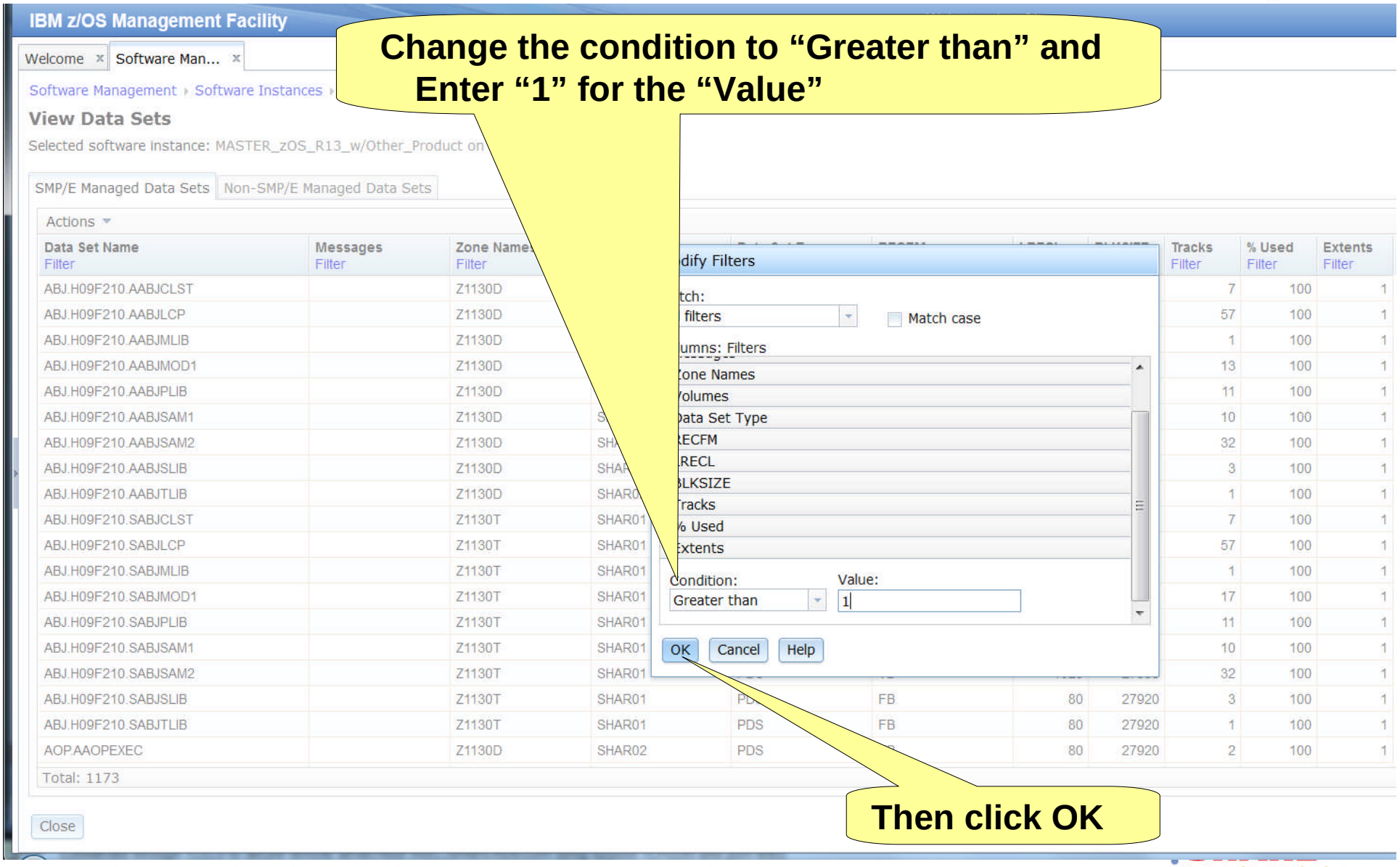
After reviewing click the SMP/E Managed Data Sets tab so you can filter the list.



Step 3d …


IBM z/OS Management Facility
Welcome shara01
Welcome
Software Man...
Click on the filter in the Extents column
Software Management ▸ Software Instances ▸ View Products, Features, and
View Data Sets
Selected software instance: MASTER_zOS_R13_w/Other_Product on system LOCAL
SMP/E Managed Data Sets
Non-SMP/E Managed Data Sets
Actions
Data Set Name Filter | Messages Filter | Zone Names Filter | Volumes Filter | Data Set Type Filter | RECFM Filter | LRECL Filter | BLKSIZE Filter | Tracks Filter | % Used Filter | Extents Filter
ABJ.H09F210.AABJCLST | Z1130D | SHAR02 | PDS | FB | 80 | 27920 | 7 | 100 | 1
ABJ.H09F210.AABJLCP | Z1130D | SHAR02 | PDS | FB | 80 | 27920 | 57 | 100 | 1
ABJ.H09F210.AABJMLIB | Z1130D | SHAR02 | PDS | FB | 80 | 27920 | 1 | 100 | 1
ABJ.H09F210.AABJMOD1 | Z1130D | SHAR02 | PDS | U | | 32760 | 13 | 100 | 1
ABJ.H09F210.AABJPLIB | Z1130D | SHAR02 | PDS | FB | 80 | 27920 | 11 | 100 | 1
ABJ.H09F210.AABJSAM1 | Z1130D | SHAR02 | PDS | FB | 80 | 27920 | 10 | 100 | 1
ABJ.H09F210.AABJSAM2 | Z1130D | SHAR02 | PDS | VB | 1028 | 27998 | 32 | 100 | 1
ABJ.H09F210.AABJSLIB | Z1130D | SHAR02 | PDS | FB | 80 | 27920 | 3 | 100 | 1
ABJ.H09F210.AABJTLIB | Z1130D | SHAR02 | PDS | FB | 80 | 27920 | 1 | 100 | 1
ABJ.H09F210.SABJCLST | Z1130T | SHAR01 | PDS | FB | 80 | 27920 | 7 | 100 | 1
ABJ.H09F210.SABJLCP | Z1130T | SHAR01 | PDS | FB | 80 | 27920 | 57 | 100 | 1
ABJ.H09F210.SABJMLIB | Z1130T | SHAR01 | PDS | FB | 80 | 27920 | 1 | 100 | 1
ABJ.H09F210.SABJMOD1 | Z1130T | SHAR01 | PDS | U | | 32760 | 17 | 100 | 1
ABJ.H09F210.SABJPLIB | Z1130T | SHAR01 | PDS | FB | 80 | 27920 | 11 | 100 | 1
ABJ.H09F210.SABJSAM1 | Z1130T | SHAR01 | PDS | FB | 80 | 27920 | 10 | 100 | 1
ABJ.H09F210.SABJSAM2 | Z1130T | SHAR01 | PDS | VB | 1028 | 27998 | 32 | 100 | 1
ABJ.H09F210.SABJSLIB | Z1130T | SHAR01 | PDS | FB | 80 | 27920 | 3 | 100 | 1
ABJ.H09F210.SABJTLIB | Z1130T | SHAR01 | PDS | FB | 80 | 27920 | 1 | 100 | 1
AOP.AAOPEXEC | Z1130D | SHAR02 | PDS | FB | 80 | 27920 | 2 | 100 | 1
Total: 1173
Close

Step 3d …


IBM z/OS Management Facility
Welcome
Software Man...
Software Management
Software Instances
View Data Sets
Selected software instance: MASTER_zOS_R13_w/Other_Product on
SMP/E Managed Data Sets
Non-SMP/E Managed Data Sets
Actions
Data Set Name
Filter
Messages
Filter
Zone Name
Filter
Tracks
Filter
% Used
Filter
Extents
Filter
ABJ.H09F210.AABJCLST
ABJ.H09F210.AABJLCP
ABJ.H09F210.AABJMLIB
ABJ.H09F210.AABJMOD1
ABJ.H09F210.AABJPLIB
ABJ.H09F210.AABJSAM1
ABJ.H09F210.AABJSAM2
ABJ.H09F210.AABJSLIB
ABJ.H09F210.AABJTLIB
ABJ.H09F210.SABJCLST
ABJ.H09F210.SABJLCP
ABJ.H09F210.SABJMLIB
ABJ.H09F210.SABJMOD1
ABJ.H09F210.SABJPLIB
ABJ.H09F210.SABJSAM1
ABJ.H09F210.SABJSAM2
ABJ.H09F210.SABJSLIB
ABJ.H09F210.SABJTLIB
AOP.AAOPEXEC
Z1130D
Z1130T
SHAR01
SHAR02
PDS
FB
80
27920
Total: 1173
Close
dify Filters
tch:
filters
Match case
umns: Filters
one Names
olumes
ata Set Type
ECFM
RECL
LKSIZE
racks
% Used
xtents
Condition:
Greater than
Value:
1
OK
Cancel
Help
Change the condition to “Greater than” and Enter “1” for the “Value”
Then click OK

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

Click on the filter in the Extents column

Software Management

View Data Sets

Selected software instance: MASTER_zOS_R13_w/Other_Product on system

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

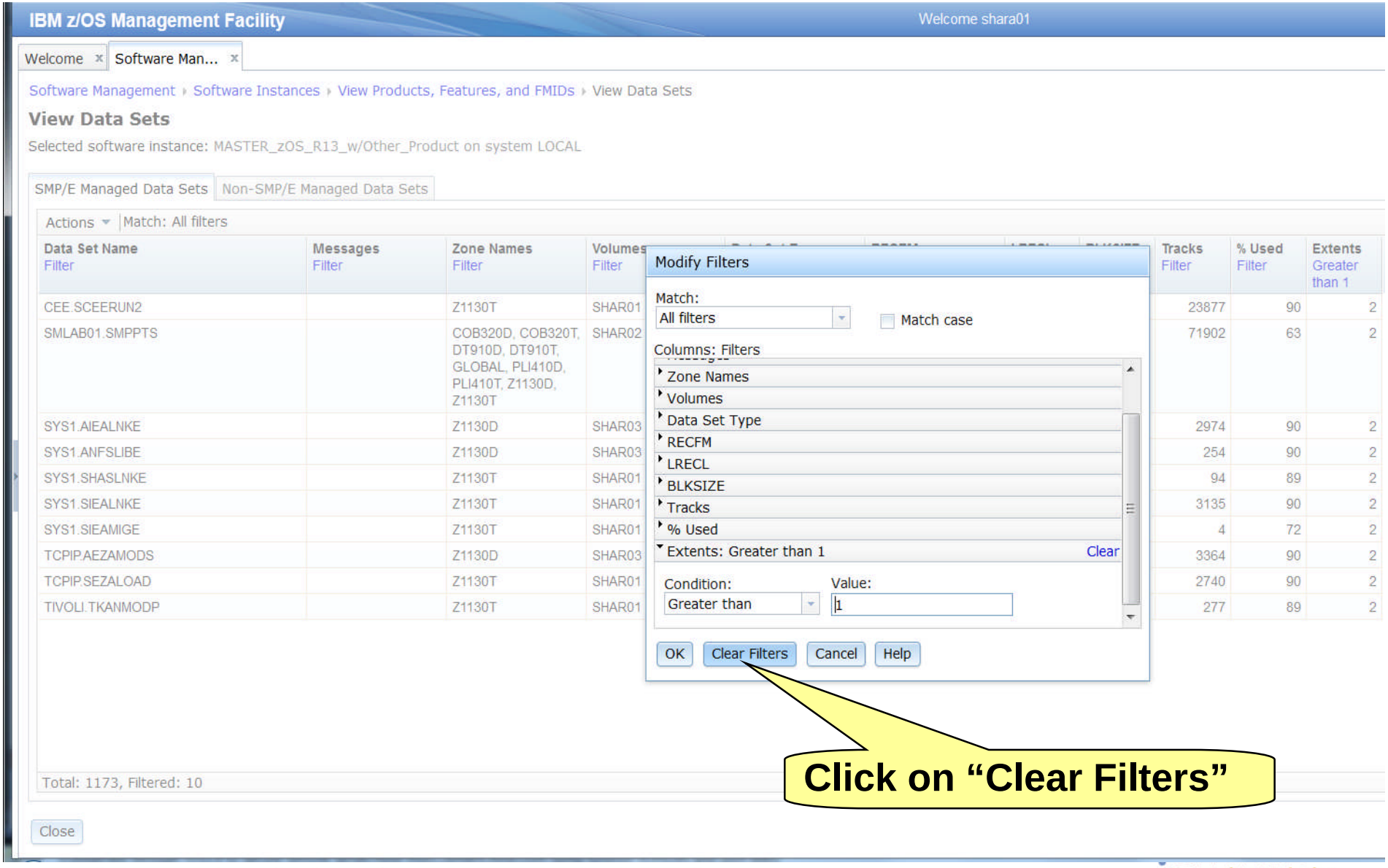
Actions | Match: All filters

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

Total: 1173, Filtered: 10

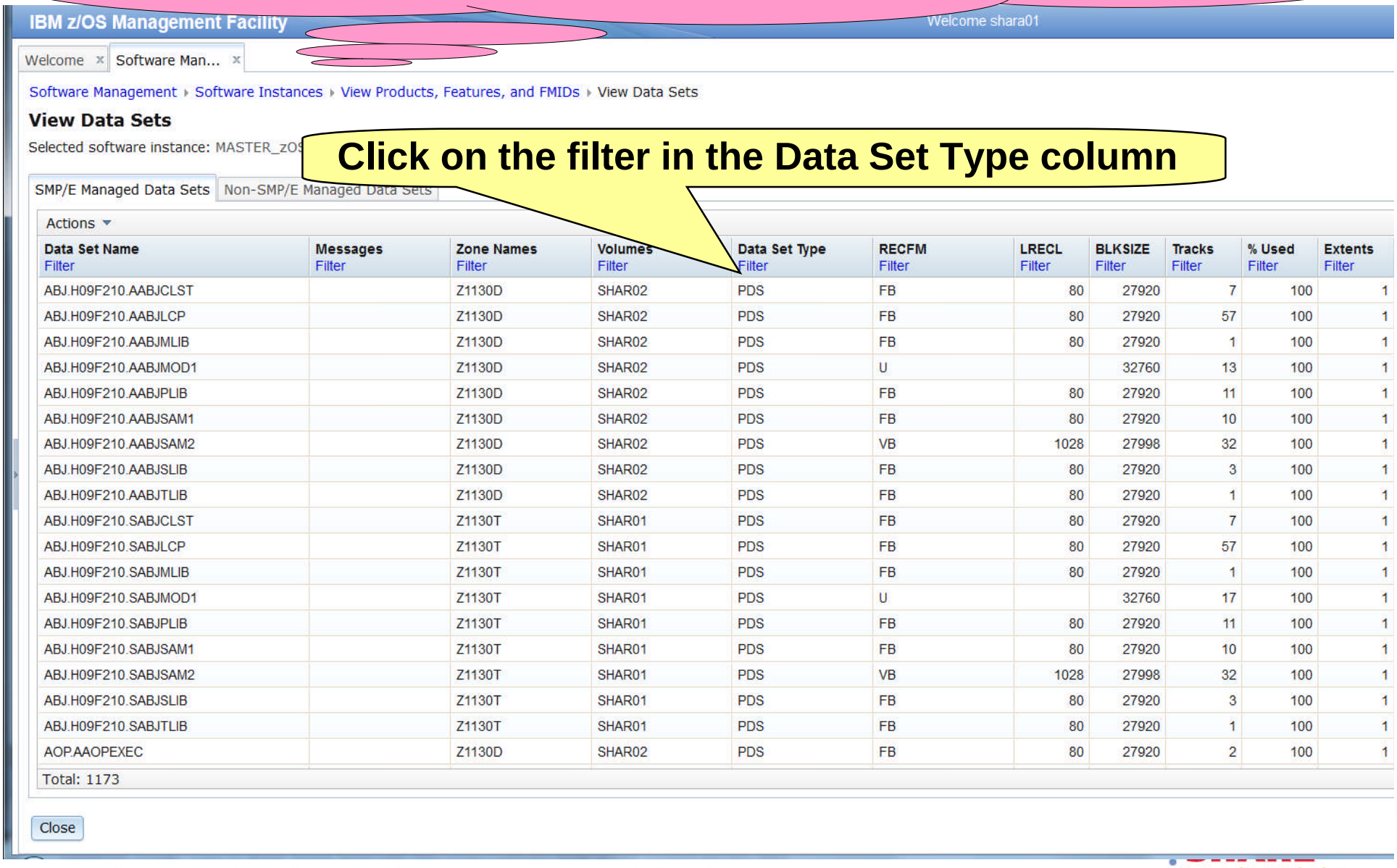
Close

Step 3d …



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

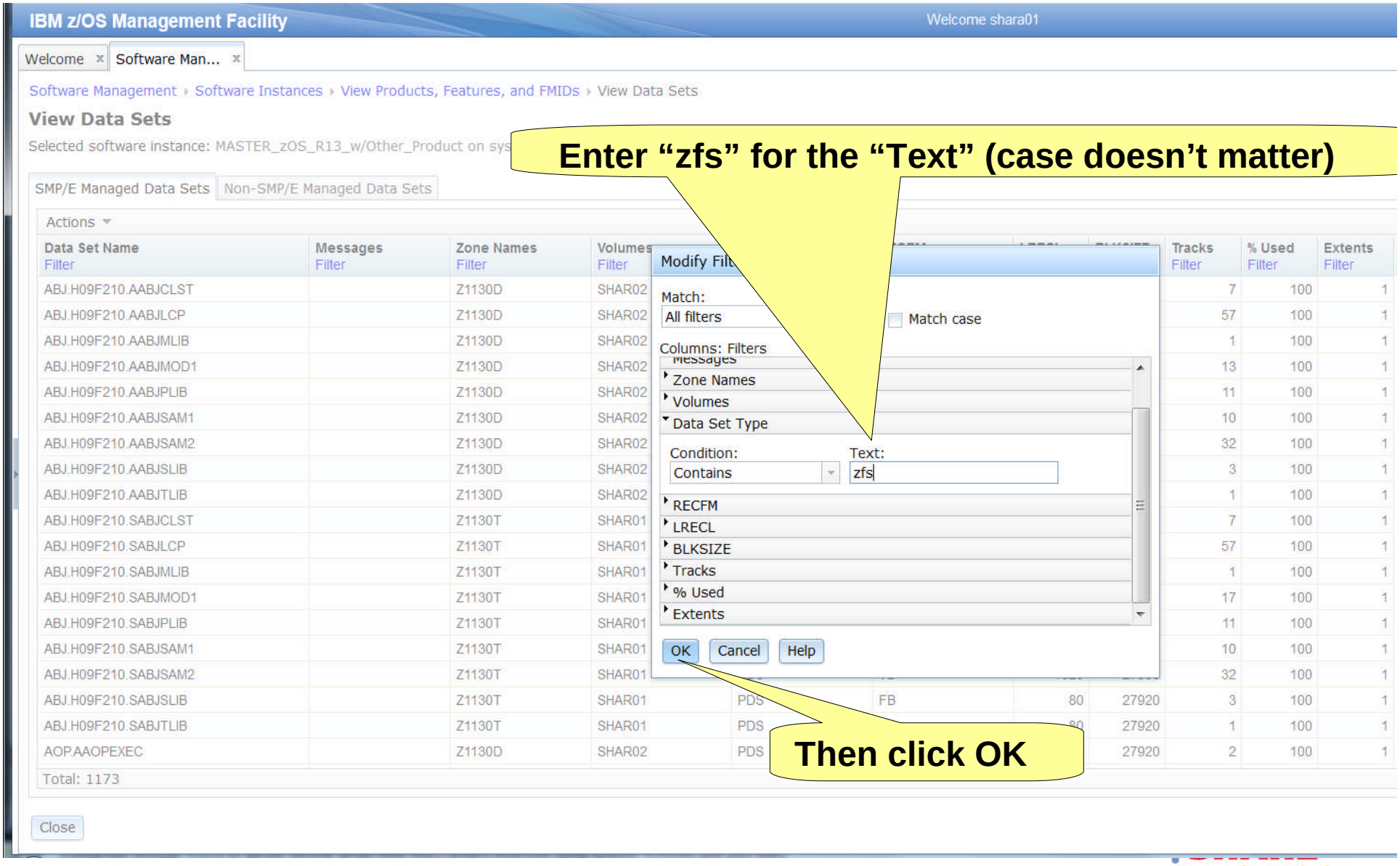
You are back to the original list of data sets. You will now use filtering to verify that all ZFS file systems are on volume SHAR04.



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

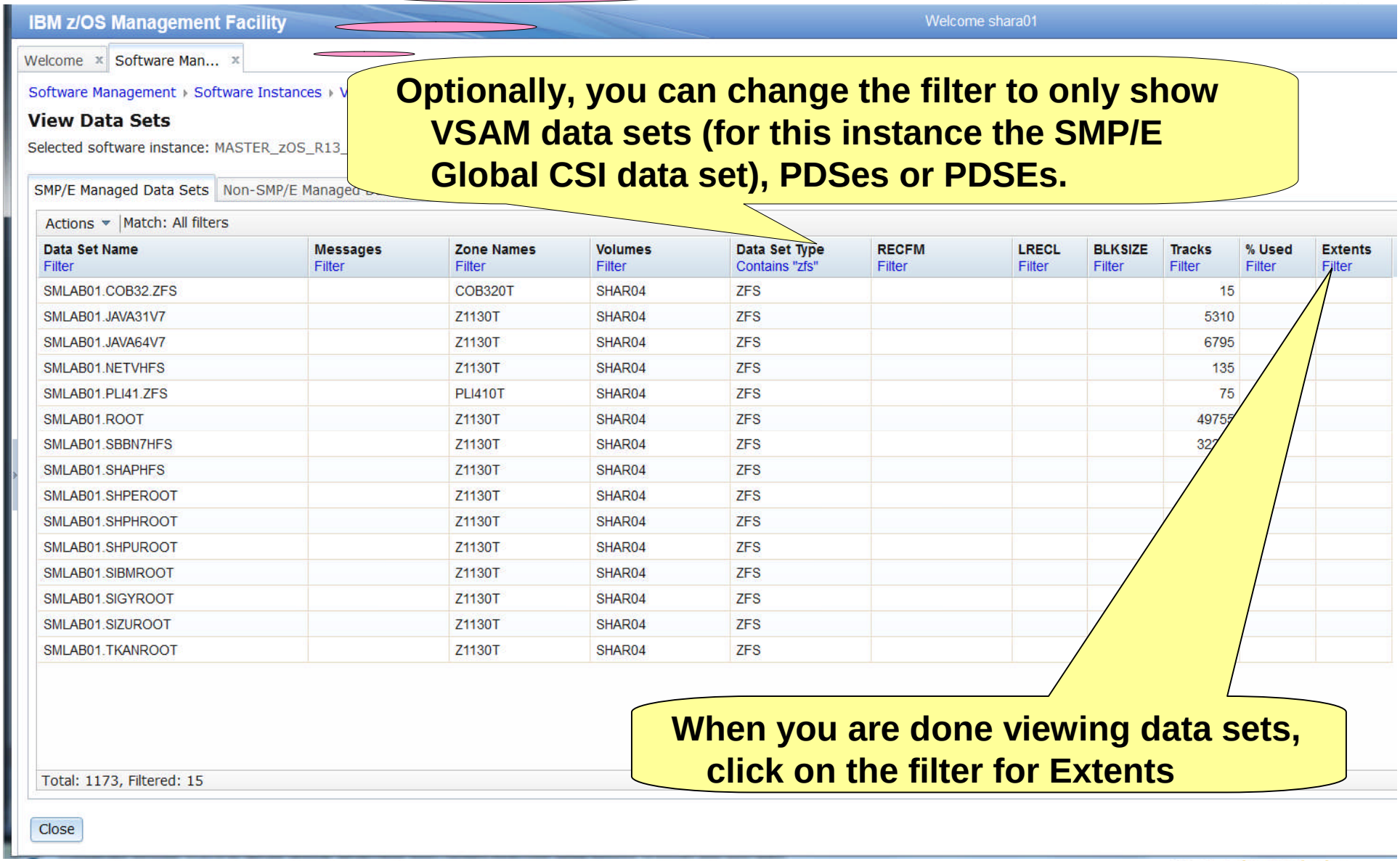
Total: 1173

Step 3d …


IBM z/OS Management Facility
Welcome shara01
Welcome
Software Man...
Software Management › Software Instances › View Products, Features, and FMIDs › View Data Sets
View Data Sets
Selected software instance: MASTER_zOS_R13_w/Other_Product on sys
SMP/E Managed Data Sets
Non-SMP/E Managed Data Sets
Actions
Data Set Name
Messages
Zone Names
Volumes
Tracks
% Used
Extents
Filter
ABJ.H09F210.AABJCLST Z1130D SHAR02 7 100 1
ABJ.H09F210.AABJLCP Z1130D SHAR02 57 100 1
ABJ.H09F210.AABJMLIB Z1130D SHAR02 1 100 1
ABJ.H09F210.AABJMOD1 Z1130D SHAR02 13 100 1
ABJ.H09F210.AABJPLIB Z1130D SHAR02 11 100 1
ABJ.H09F210.AABJSAM1 Z1130D SHAR02 10 100 1
ABJ.H09F210.AABJSAM2 Z1130D SHAR02 32 100 1
ABJ.H09F210.AABJSLIB Z1130D SHAR02 3 100 1
ABJ.H09F210.AABJTLIB Z1130D SHAR02 1 100 1
ABJ.H09F210.SABJCLST Z1130T SHAR01 7 100 1
ABJ.H09F210.SABJLCP Z1130T SHAR01 57 100 1
ABJ.H09F210.SABJMLIB Z1130T SHAR01 1 100 1
ABJ.H09F210.SABJMOD1 Z1130T SHAR01 17 100 1
ABJ.H09F210.SABJPLIB Z1130T SHAR01 11 100 1
ABJ.H09F210.SABJSAM1 Z1130T SHAR01 10 100 1
ABJ.H09F210.SABJSAM2 Z1130T SHAR01 32 100 1
ABJ.H09F210.SABJSLIB Z1130T SHAR01 PDS FB 80 27920 3 100 1
ABJ.H09F210.SABJTLIB Z1130T SHAR01 PDS 80 27920 1 100 1
AOP.AAOPEXEC Z1130D SHAR02 PDS 27920 2 100 1
Total: 1173
Close
Modify Filt
Match:
All filters
Match case
Columns: Filters
Zone Names
Volumes
Data Set Type
Condition:
Contains
Text:
zfs
RECFM
LRECL
BLKSIZE
Tracks
% Used
Extents
OK
Cancel
Help
Enter “zfs” for the “Text” (case doesn’t matter)
Then click OK

Notice that all data sets are on SHAR04.

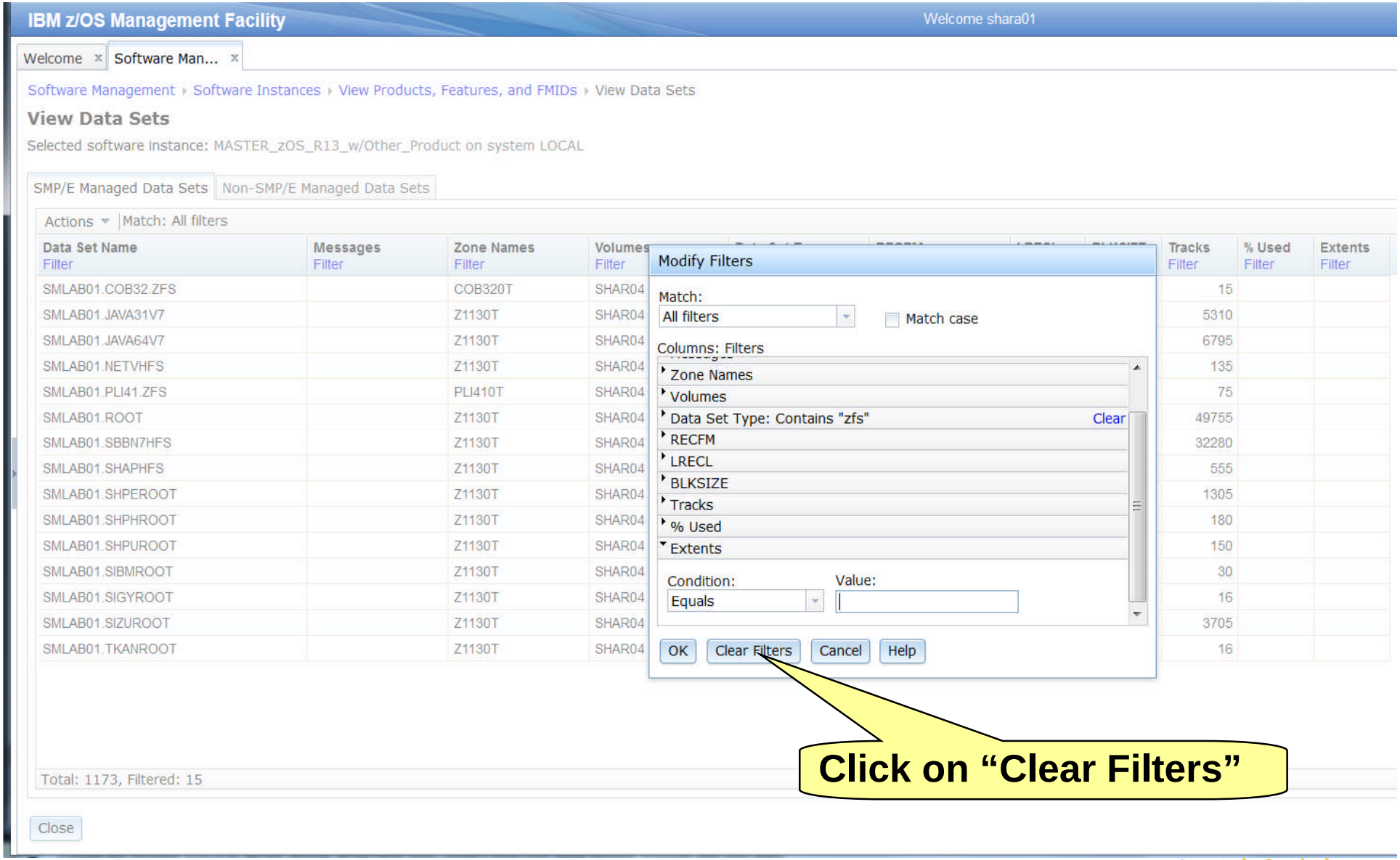
Step 3d …



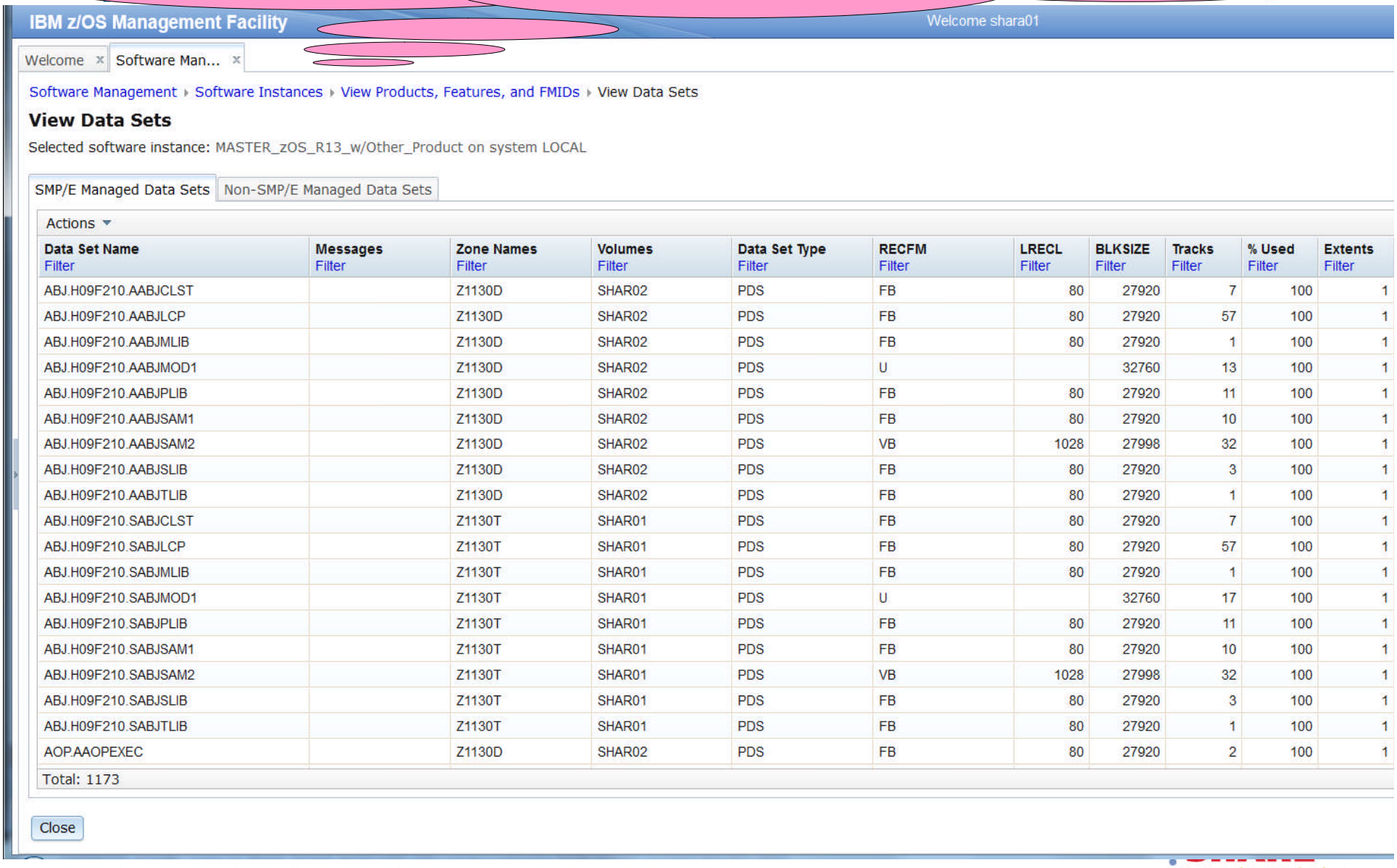
Optionally, you can change the filter to only show VSAM data sets (for this instance the SMP/E Global CSI data set), PDSes or PDSEs.

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

Step 3d …


IBM z/OS Management Facility
Welcome shara01
Welcome
Software Man...
Software Management › Software Instances › View Products, Features, and FMIDs › View Data Sets
View Data Sets
Selected software instance: MASTER_zOS_R13_w/Other_Product on system LOCAL
SMP/E Managed Data Sets
Non-SMP/E Managed Data Sets
Actions
Match: All filters
Data Set Name
Messages
Zone Names
Volumes
Tracks
% Used
Extents
Filter
SMLAB01.COB32.ZFS COB320T SHAR04 15
SMLAB01.JAVA31V7 Z1130T SHAR04 5310
SMLAB01.JAVA64V7 Z1130T SHAR04 6795
SMLAB01.NETVHFS Z1130T SHAR04 135
SMLAB01.PLI41.ZFS PLI410T SHAR04 75
SMLAB01.ROOT Z1130T SHAR04 49755
SMLAB01.SBBN7HFS Z1130T SHAR04 32280
SMLAB01.SHAPHFS Z1130T SHAR04 555
SMLAB01.SHPEROOT Z1130T SHAR04 1305
SMLAB01.SHPHROOT Z1130T SHAR04 180
SMLAB01.SHPUROOT Z1130T SHAR04 150
SMLAB01.SIBMROOT Z1130T SHAR04 30
SMLAB01.SIGYROOT Z1130T SHAR04 16
SMLAB01.SIZUROOT Z1130T SHAR04 3705
SMLAB01.TKANROOT Z1130T SHAR04 16
Total: 1173, Filtered: 15
Modify Filters
Match:
All filters
Match case
Columns: Filters
Zone Names
Volumes
Data Set Type: Contains "zfs"
Clear
RECFM
LRECL
BLKSIZE
Tracks
% Used
Extents
Condition:
Equals
Value:
OK
Clear Filters
Cancel
Help
Click on “Clear Filters”
Close

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

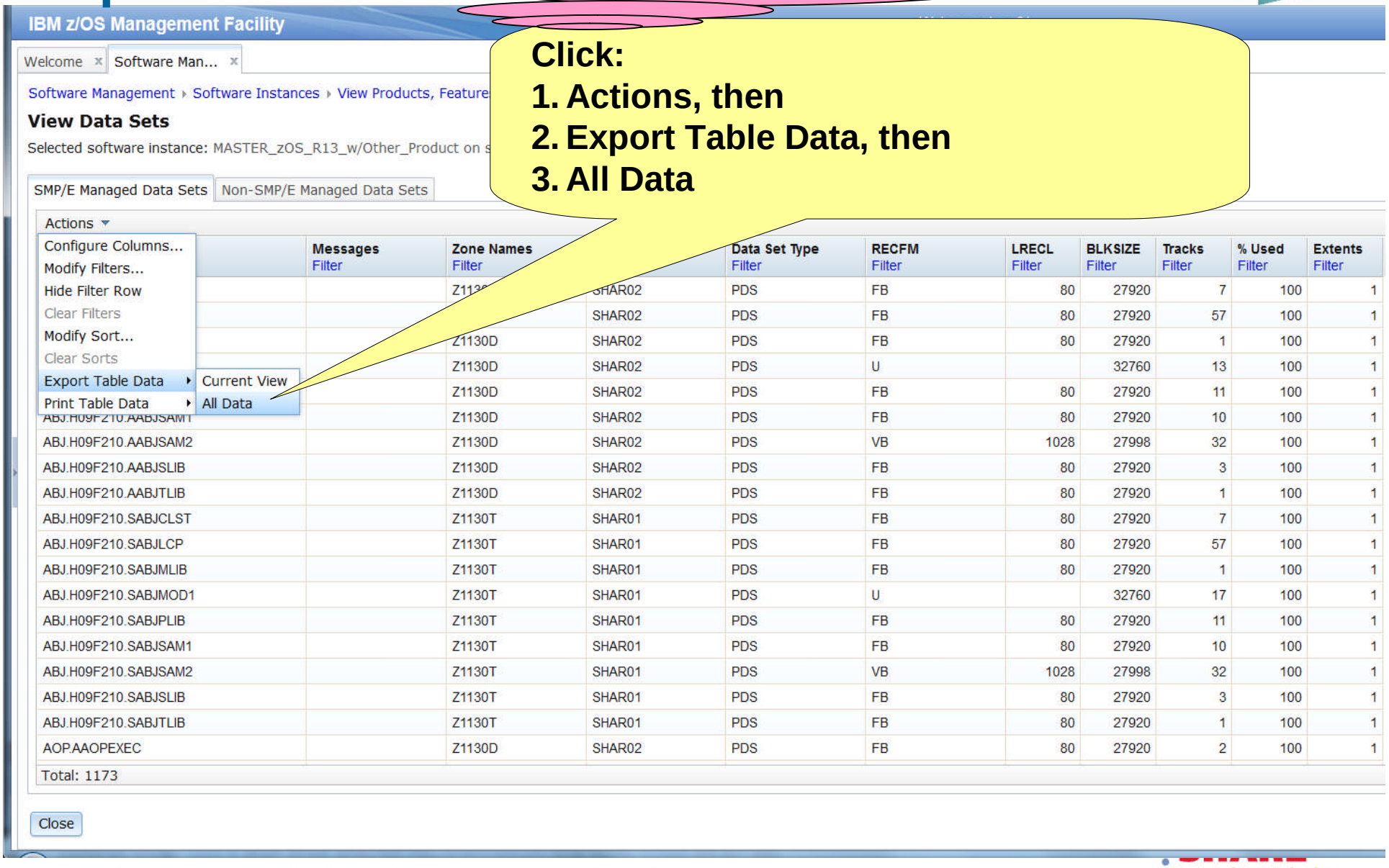


Data Set Name Filter	Messages Filter	Zone Names Filter	Volumes Filter	Data Set Type Filter	RECFM Filter	LRECL Filter	BLKSIZE Filter	Tracks Filter	% Used Filter	Extents Filter
ABJ.H09F210.AABJCLST		Z1130D	SHAR02	PDS	FB	80	27920	7	100	1
ABJ.H09F210.AABJLCP		Z1130D	SHAR02	PDS	FB	80	27920	57	100	1
ABJ.H09F210.AABJMLIB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

Total: 1173

Step 3e: Export the "Master" Software Instances' Data Set Information

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



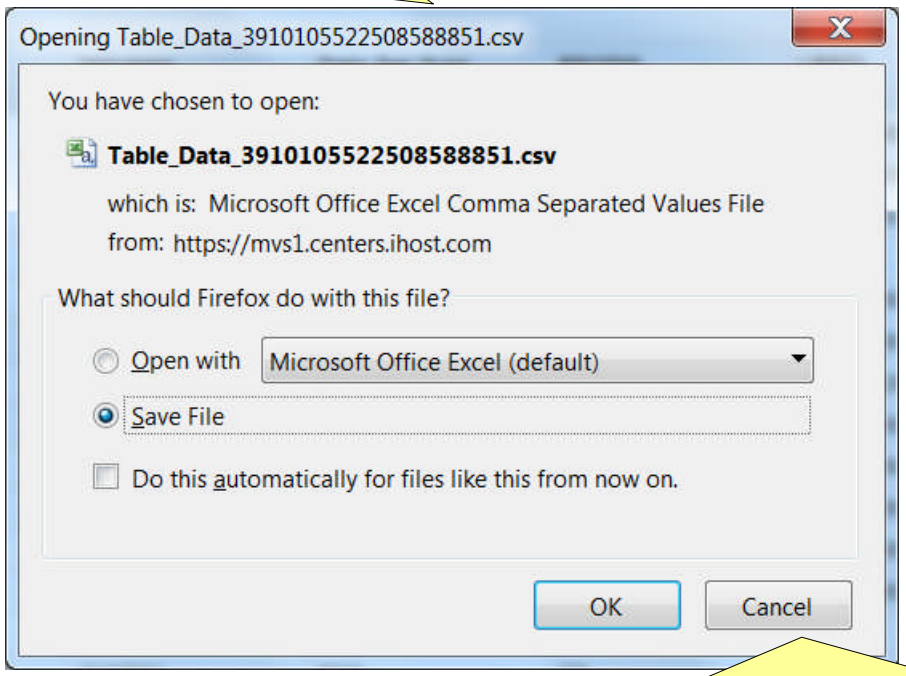
Click:
1. Actions, then
2. Export Table Data, then
3. All Data

	Messages Filter	Zone Names Filter		Data Set Type Filter	RECFM Filter	LRECL Filter	BLKSIZE Filter	Tracks Filter	% Used Filter	Extents Filter
		Z113	SHAR02	PDS	FB	80	27920	7	100	1
			SHAR02	PDS	FB	80	27920	57	100	1
		Z1130D	SHAR02	PDS	FB	80	27920	1	100	1
		Z1130D	SHAR02	PDS	U		32760	13	100	1
		Z1130D	SHAR02	PDS	FB	80	27920	11	100	1
ABJ.H09F210.AABJSAM1		Z1130D	SHAR02	PDS	FB	80	27920	10	100	1
ABJ.H09F210.AABJSAM2		Z1130D	SHAR02	PDS	VB	1028	27998	32	100	1
ABJ.H09F210.AABJSLIB		Z1130D	SHAR02	PDS	FB	80	27920	3	100	1
ABJ.H09F210.AABJTLIB		Z1130D	SHAR02	PDS	FB	80	27920	1	100	1
ABJ.H09F210.SABJCLST		Z1130T	SHAR01	PDS	FB	80	27920	7	100	1
ABJ.H09F210.SABJLCP		Z1130T	SHAR01	PDS	FB	80	27920	57	100	1
ABJ.H09F210.SABJMLIB		Z1130T	SHAR01	PDS	FB	80	27920	1	100	1
ABJ.H09F210.SABJMOD1		Z1130T	SHAR01	PDS	U		32760	17	100	1
ABJ.H09F210.SABJPLIB		Z1130T	SHAR01	PDS	FB	80	27920	11	100	1
ABJ.H09F210.SABJSAM1		Z1130T	SHAR01	PDS	FB	80	27920	10	100	1
ABJ.H09F210.SABJSAM2		Z1130T	SHAR01	PDS	VB	1028	27998	32	100	1
ABJ.H09F210.SABJSLIB		Z1130T	SHAR01	PDS	FB	80	27920	3	100	1
ABJ.H09F210.SABJTLIB		Z1130T	SHAR01	PDS	FB	80	27920	1	100	1
AOP.AAOPEXEC		Z1130D	SHAR02	PDS	FB	80	27920	2	100	1

Total: 1173

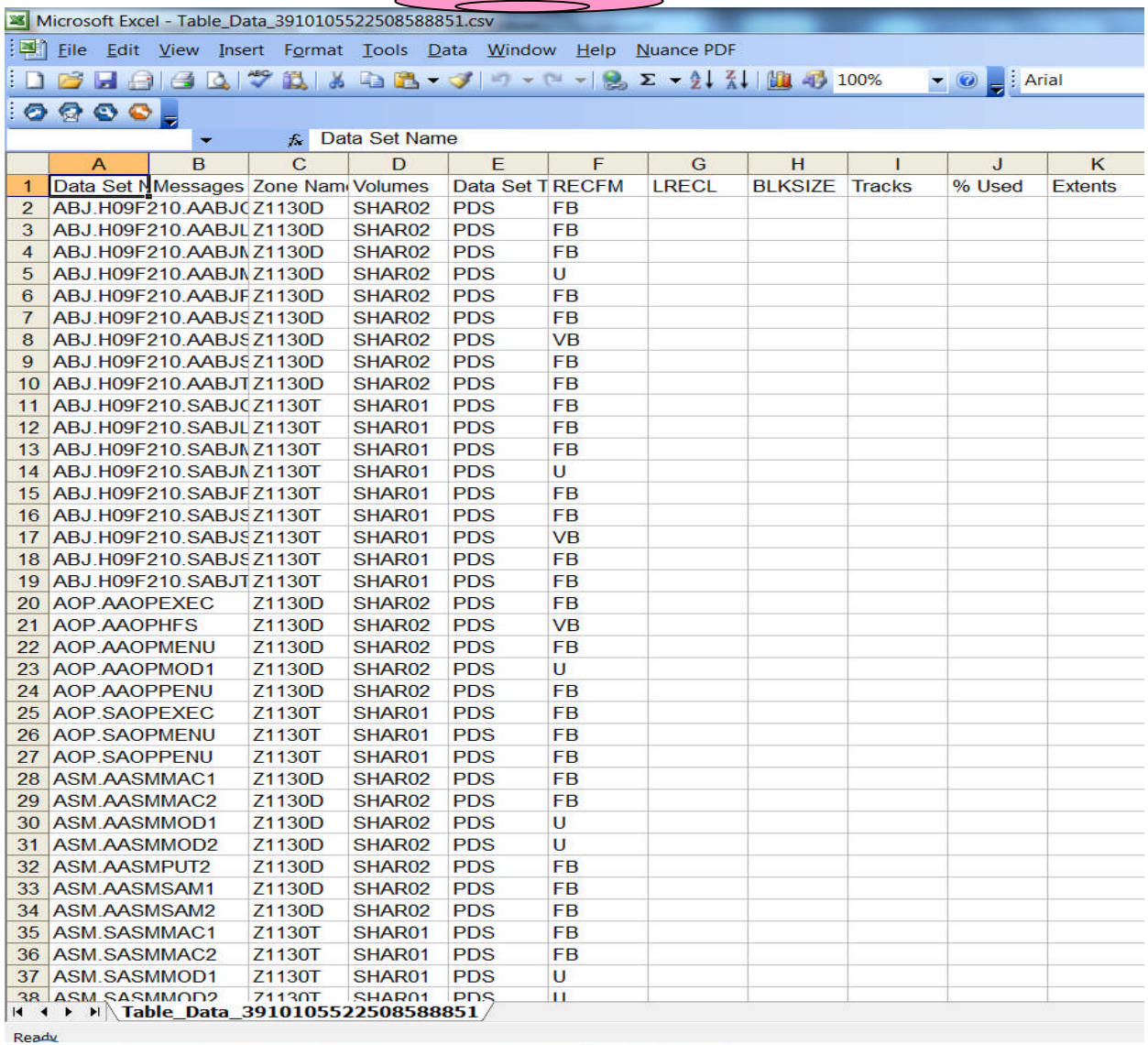
Step 3e …

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



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

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



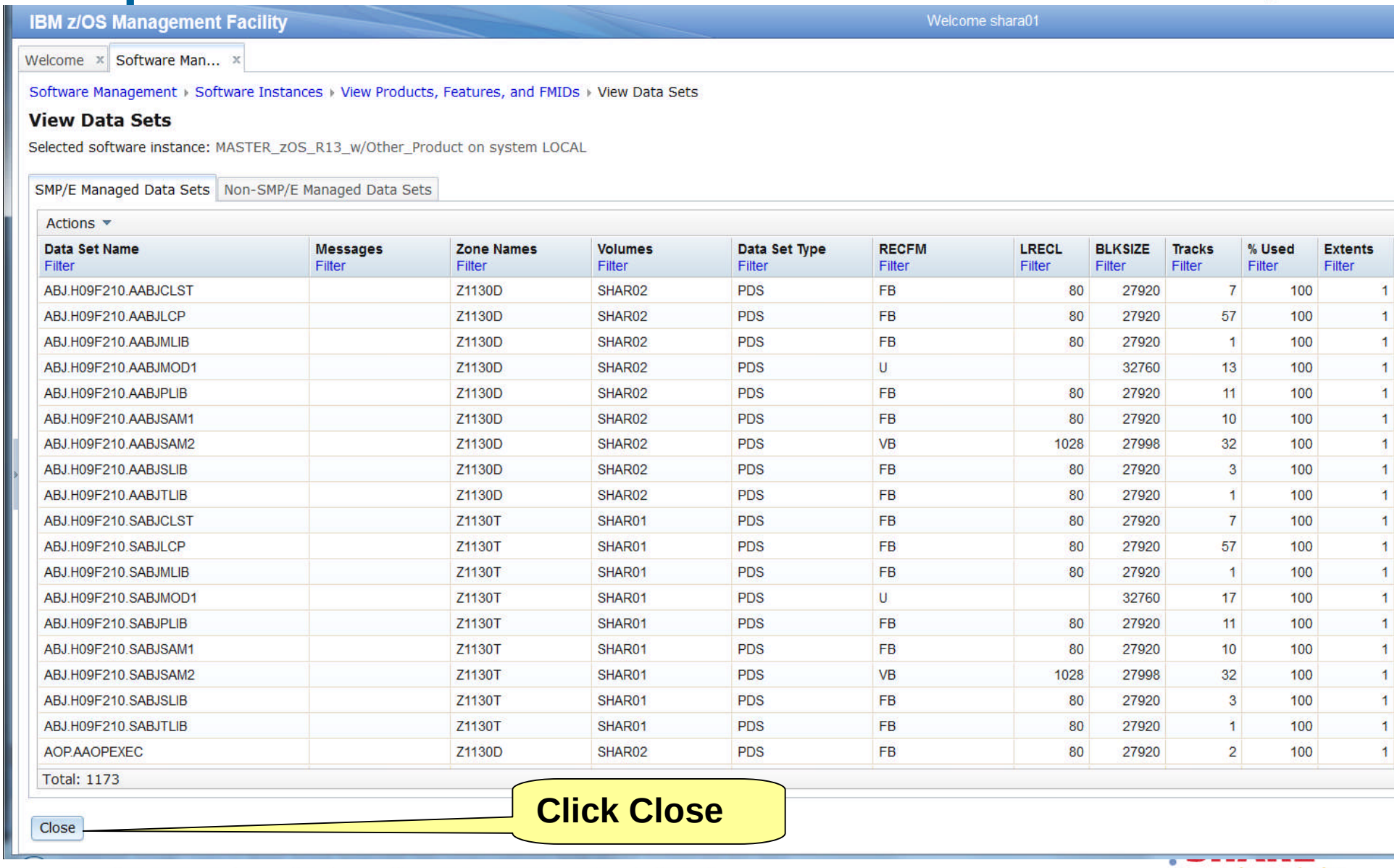
	A	B	C	D	E	F	G	H	I	J	K
1	Data Set N	Messages	Zone Nam	Volumes	Data Set T	RECFM	LRECL	BLKSIZE	Tracks	% Used	Extents
2	ABJ.H09F210.AABJC		Z1130D	SHAR02	PDS	FB					
3	ABJ.H09F210.AABJL		Z1130D	SHAR02	PDS	FB					
4	ABJ.H09F210.AABJM		Z1130D	SHAR02	PDS	FB					
5	ABJ.H09F210.AABJM		Z1130D	SHAR02	PDS	U					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

Table_Data_3910105522508588851

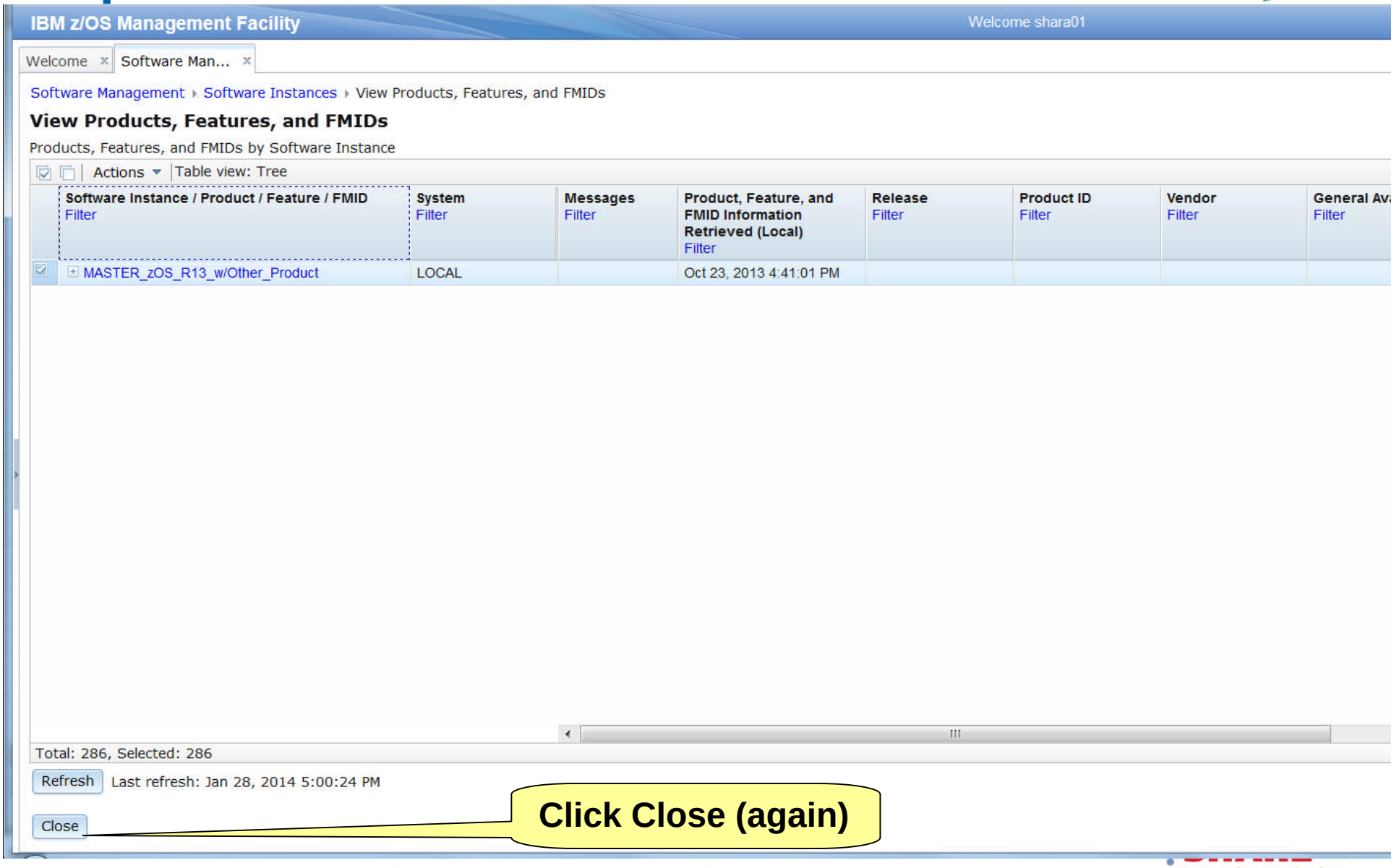
Ready

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

Step 3e …


IBM z/OS Management Facility
Welcome shara01
Welcome
Software Man...
Software Management ▸ Software Instances ▸ View Products, Features, and FMIDs ▸ View Data Sets
View Data Sets
Selected software instance: MASTER_zOS_R13_w/Other_Product on system LOCAL
SMP/E Managed Data Sets
Non-SMP/E Managed Data Sets
Actions
Data Set Name Filter | Messages Filter | Zone Names Filter | Volumes Filter | Data Set Type Filter | RECFM Filter | LRECL Filter | BLKSIZE Filter | Tracks Filter | % Used Filter | Extents Filter
ABJ.H09F210.AABJCLST | | Z1130D | SHAR02 | PDS | FB | 80 | 27920 | 7 | 100 | 1
ABJ.H09F210.AABJLCP | | Z1130D | SHAR02 | PDS | FB | 80 | 27920 | 57 | 100 | 1
ABJ.H09F210.AABJMLIB | | Z1130D | SHAR02 | PDS | FB | 80 | 27920 | 1 | 100 | 1
ABJ.H09F210.AABJMOD1 | | Z1130D | SHAR02 | PDS | U | | 32760 | 13 | 100 | 1
ABJ.H09F210.AABJPLIB | | Z1130D | SHAR02 | PDS | FB | 80 | 27920 | 11 | 100 | 1
ABJ.H09F210.AABJSAM1 | | Z1130D | SHAR02 | PDS | FB | 80 | 27920 | 10 | 100 | 1
ABJ.H09F210.AABJSAM2 | | Z1130D | SHAR02 | PDS | VB | 1028 | 27998 | 32 | 100 | 1
ABJ.H09F210.AABJSLIB | | Z1130D | SHAR02 | PDS | FB | 80 | 27920 | 3 | 100 | 1
ABJ.H09F210.AABJTLIB | | Z1130D | SHAR02 | PDS | FB | 80 | 27920 | 1 | 100 | 1
ABJ.H09F210.SABJCLST | | Z1130T | SHAR01 | PDS | FB | 80 | 27920 | 7 | 100 | 1
ABJ.H09F210.SABJLCP | | Z1130T | SHAR01 | PDS | FB | 80 | 27920 | 57 | 100 | 1
ABJ.H09F210.SABJMLIB | | Z1130T | SHAR01 | PDS | FB | 80 | 27920 | 1 | 100 | 1
ABJ.H09F210.SABJMOD1 | | Z1130T | SHAR01 | PDS | U | | 32760 | 17 | 100 | 1
ABJ.H09F210.SABJPLIB | | Z1130T | SHAR01 | PDS | FB | 80 | 27920 | 11 | 100 | 1
ABJ.H09F210.SABJSAM1 | | Z1130T | SHAR01 | PDS | FB | 80 | 27920 | 10 | 100 | 1
ABJ.H09F210.SABJSAM2 | | Z1130T | SHAR01 | PDS | VB | 1028 | 27998 | 32 | 100 | 1
ABJ.H09F210.SABJSLIB | | Z1130T | SHAR01 | PDS | FB | 80 | 27920 | 3 | 100 | 1
ABJ.H09F210.SABJTLIB | | Z1130T | SHAR01 | PDS | FB | 80 | 27920 | 1 | 100 | 1
AOP.AAOPEXEC | | Z1130D | SHAR02 | PDS | FB | 80 | 27920 | 2 | 100 | 1
Total: 1173
Close
Click Close

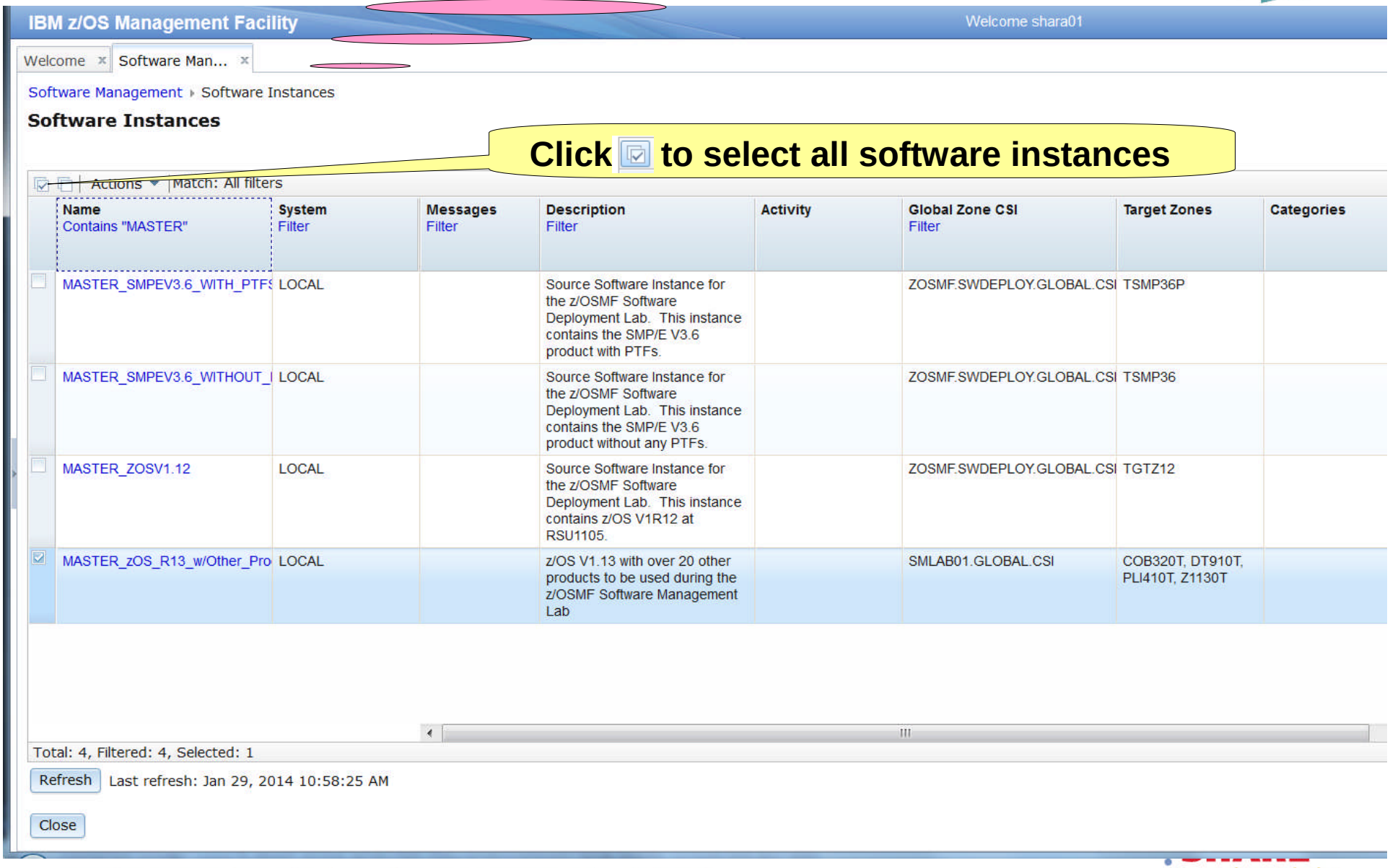
Step 3e …



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

Step 4a: Report on "Master" Software Instances' End of Service

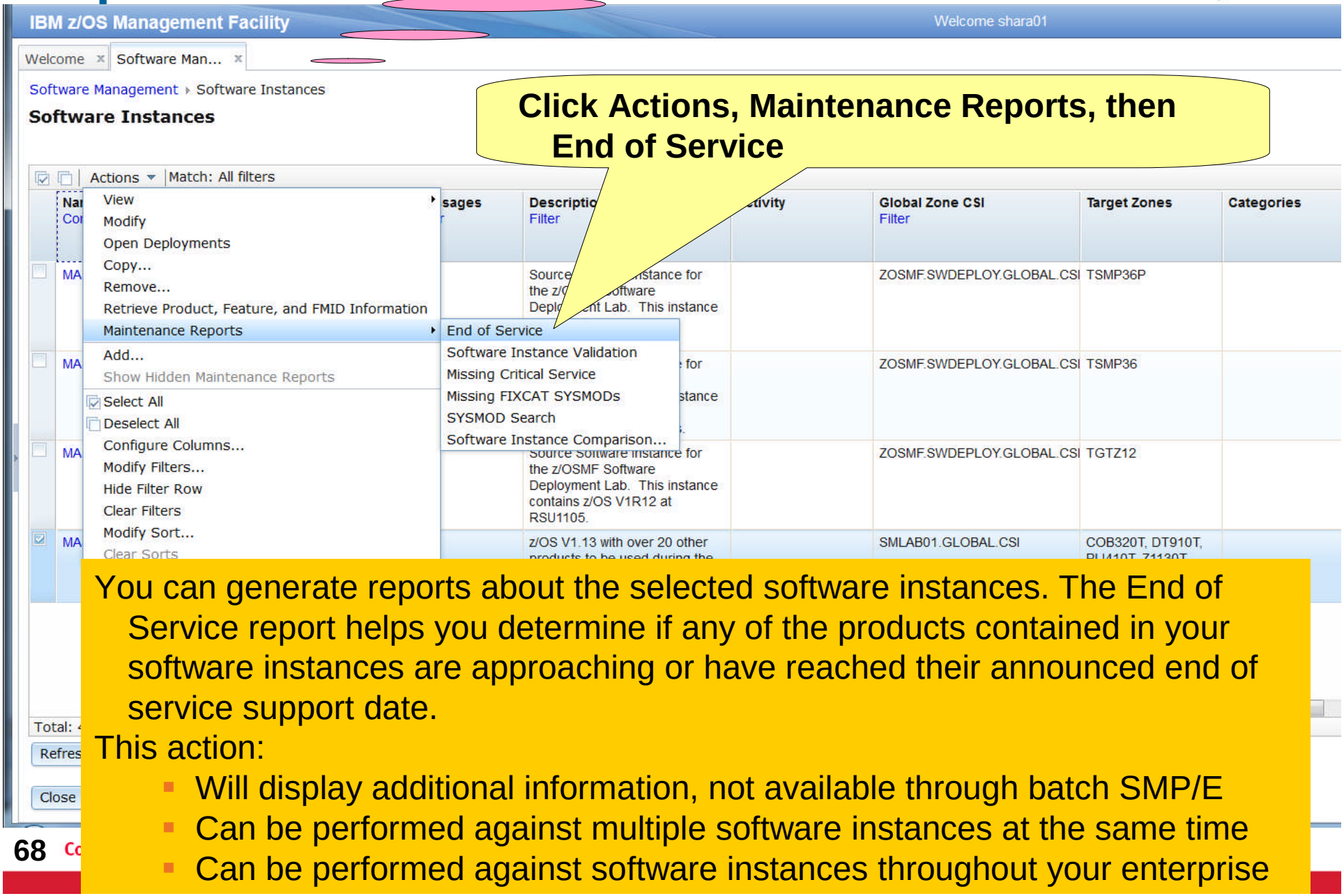
For the first set of reports you will use <u>all</u> “Master” software instances



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

Prepare to be WOWed!!!

Step 4a …



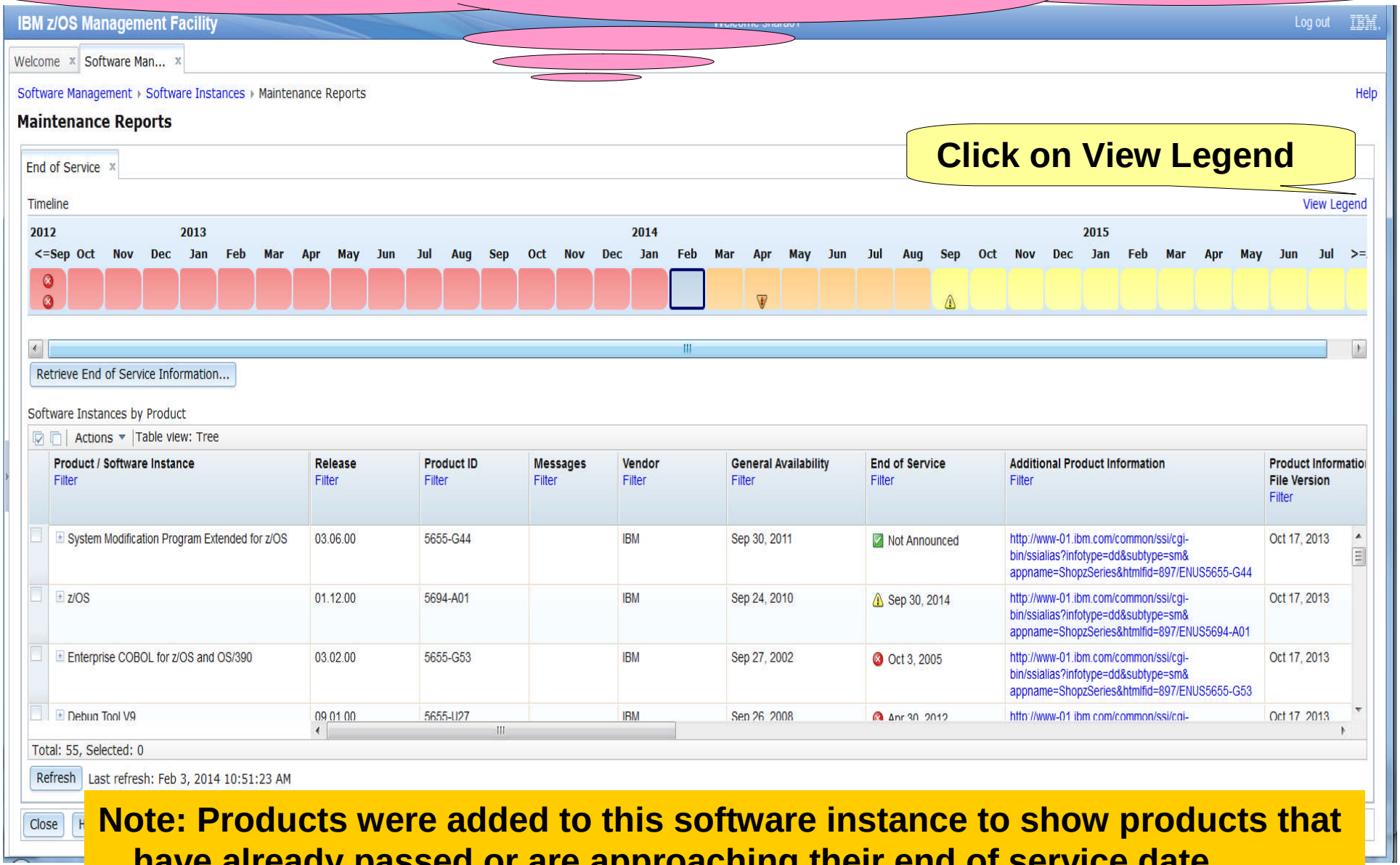
Click Actions, Maintenance Reports, then End of Service

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

This action:

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

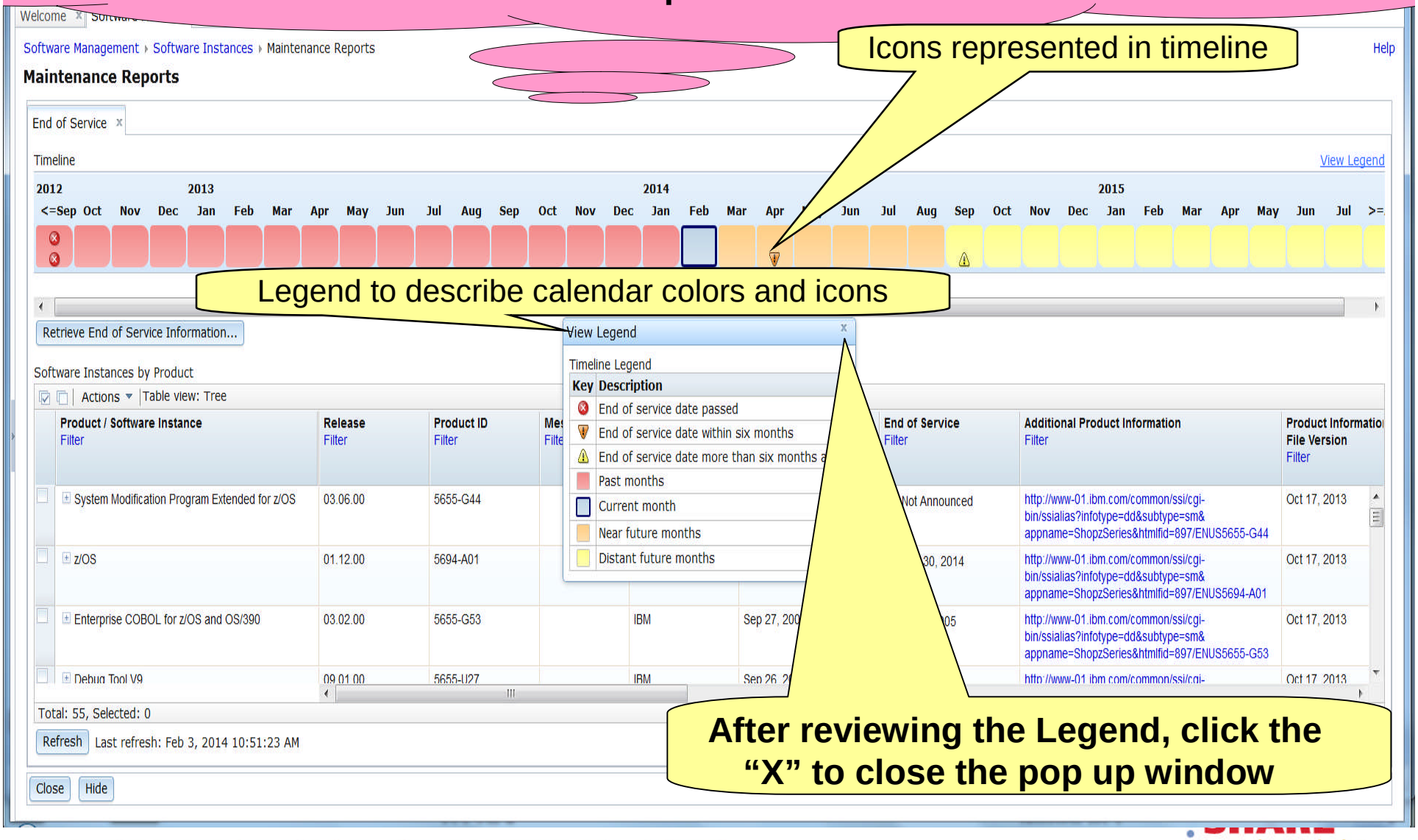
The display shows any product that was in a selected software instance with information about the product's general availability and end of service

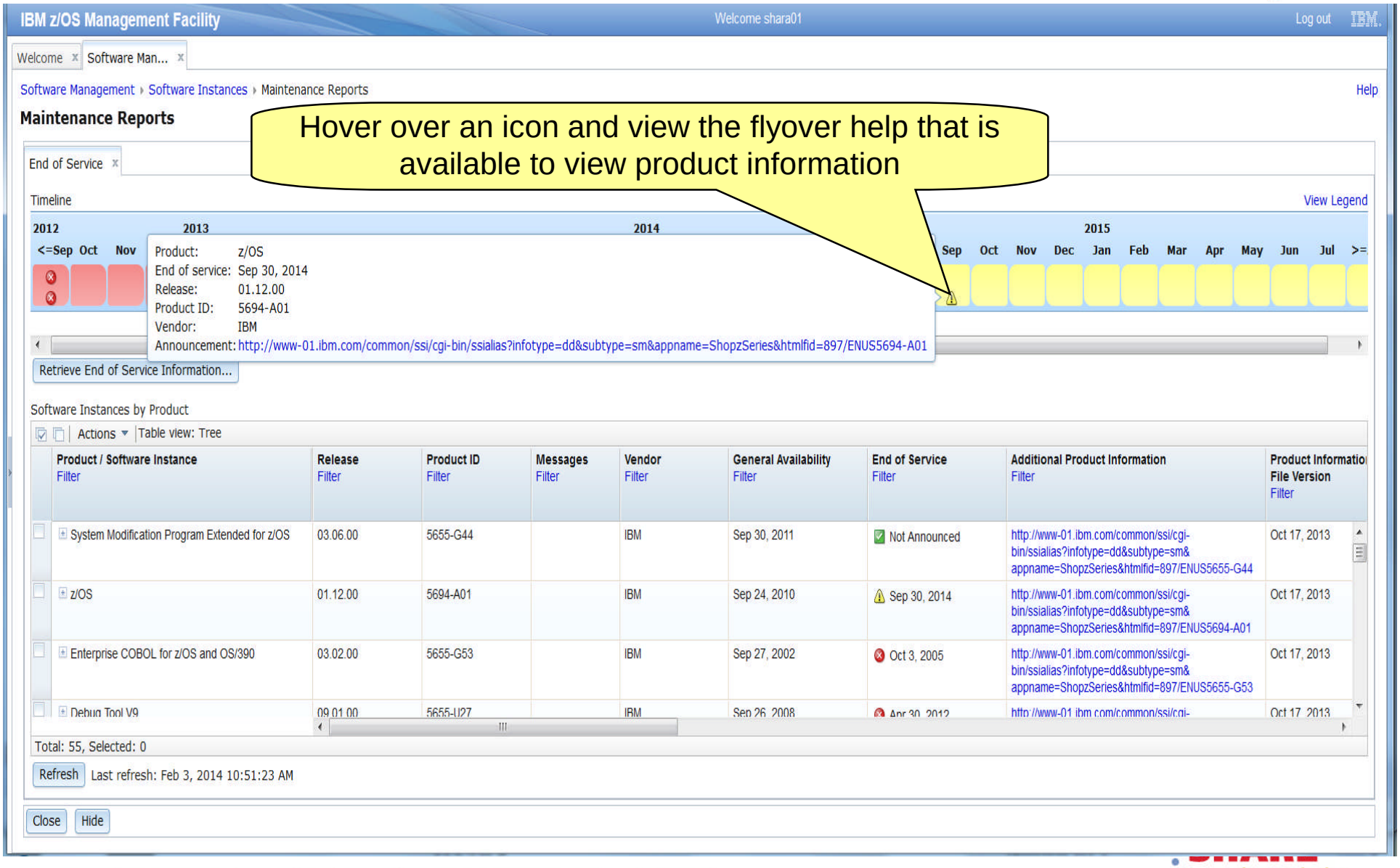


Click on View Legend

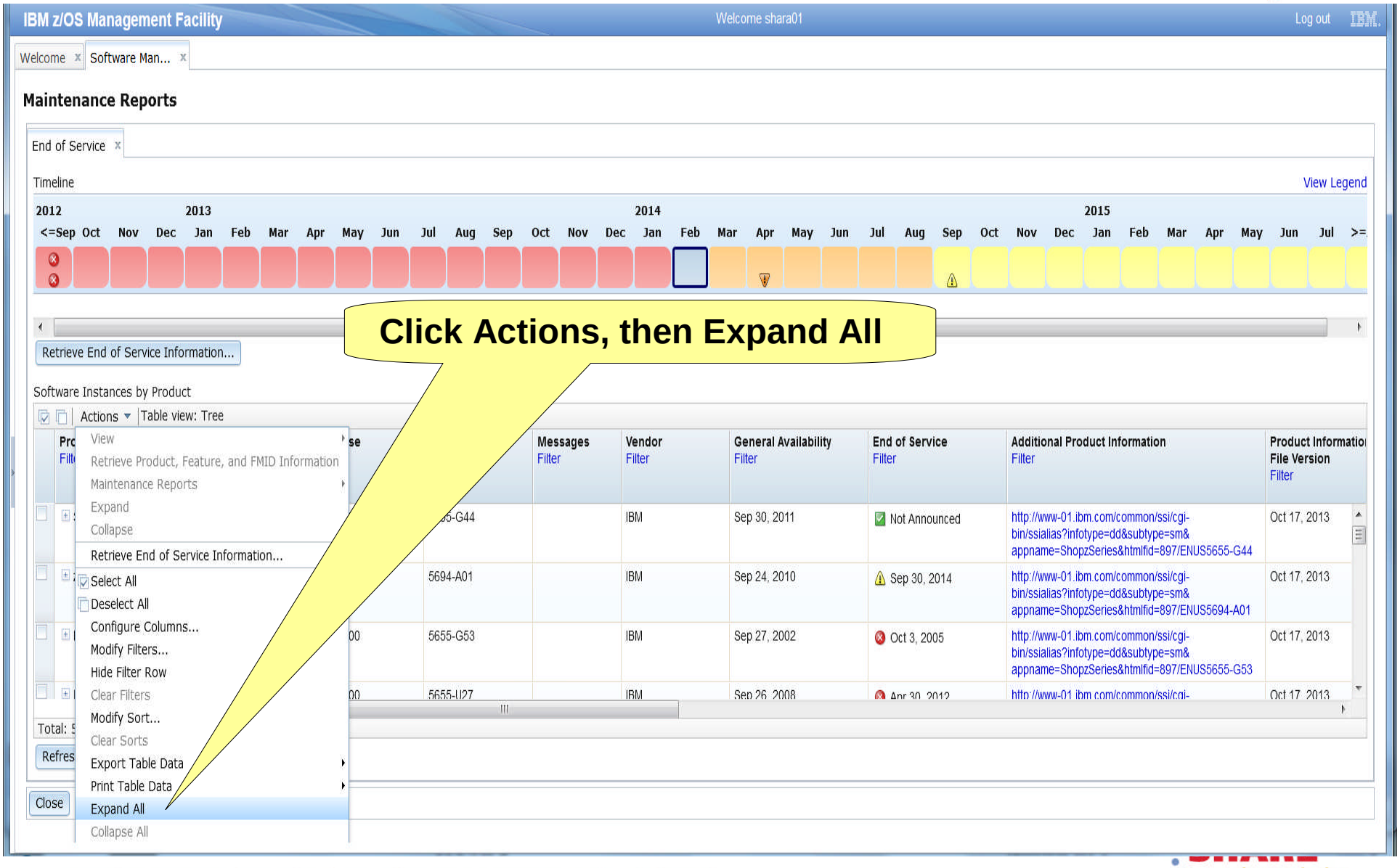
Note: Products were added to this software instance to show products that have already passed or are approaching their end of service date

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



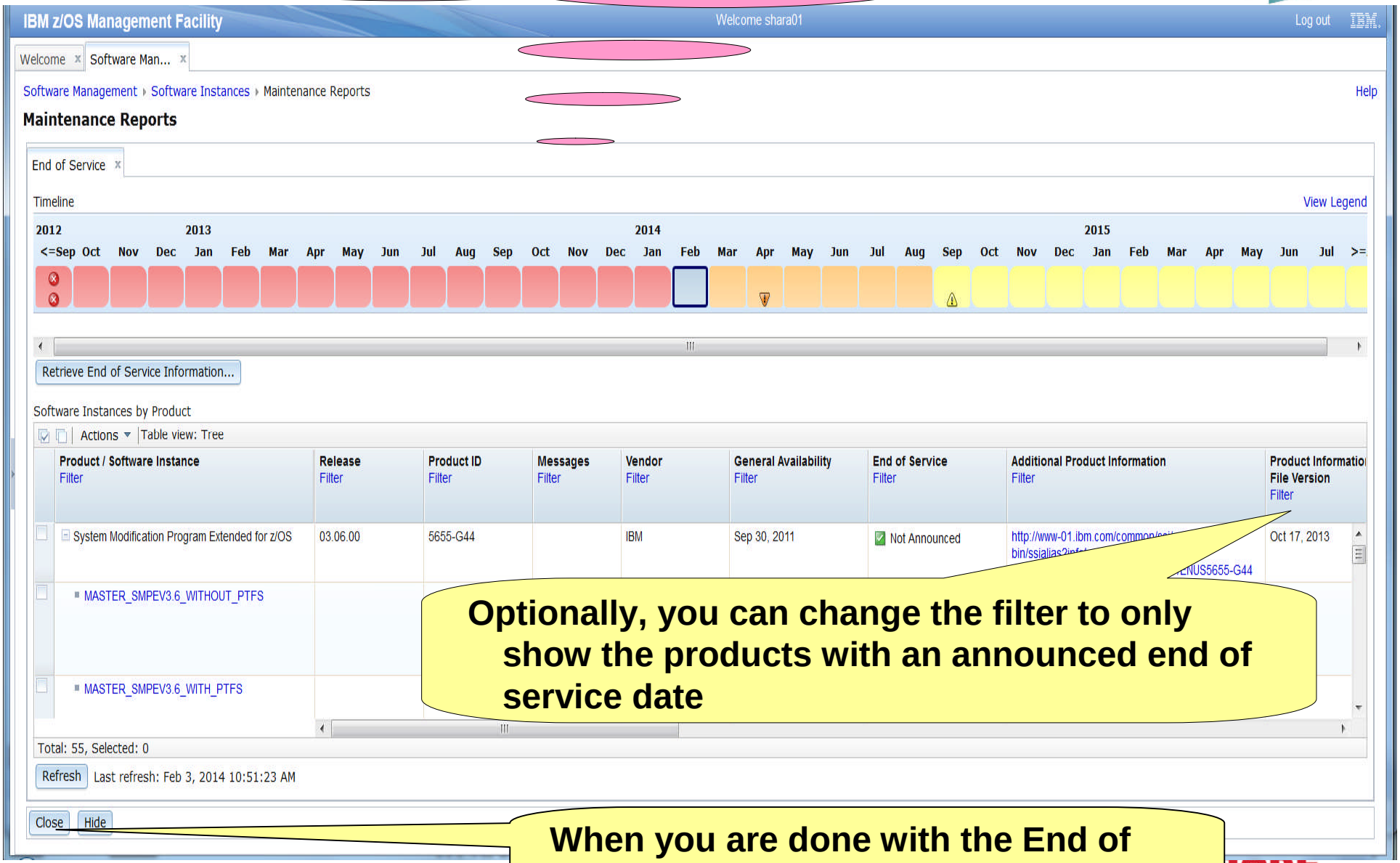


Complete your session evaluations online at www.SHARE.org/AnaheimEval



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

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



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

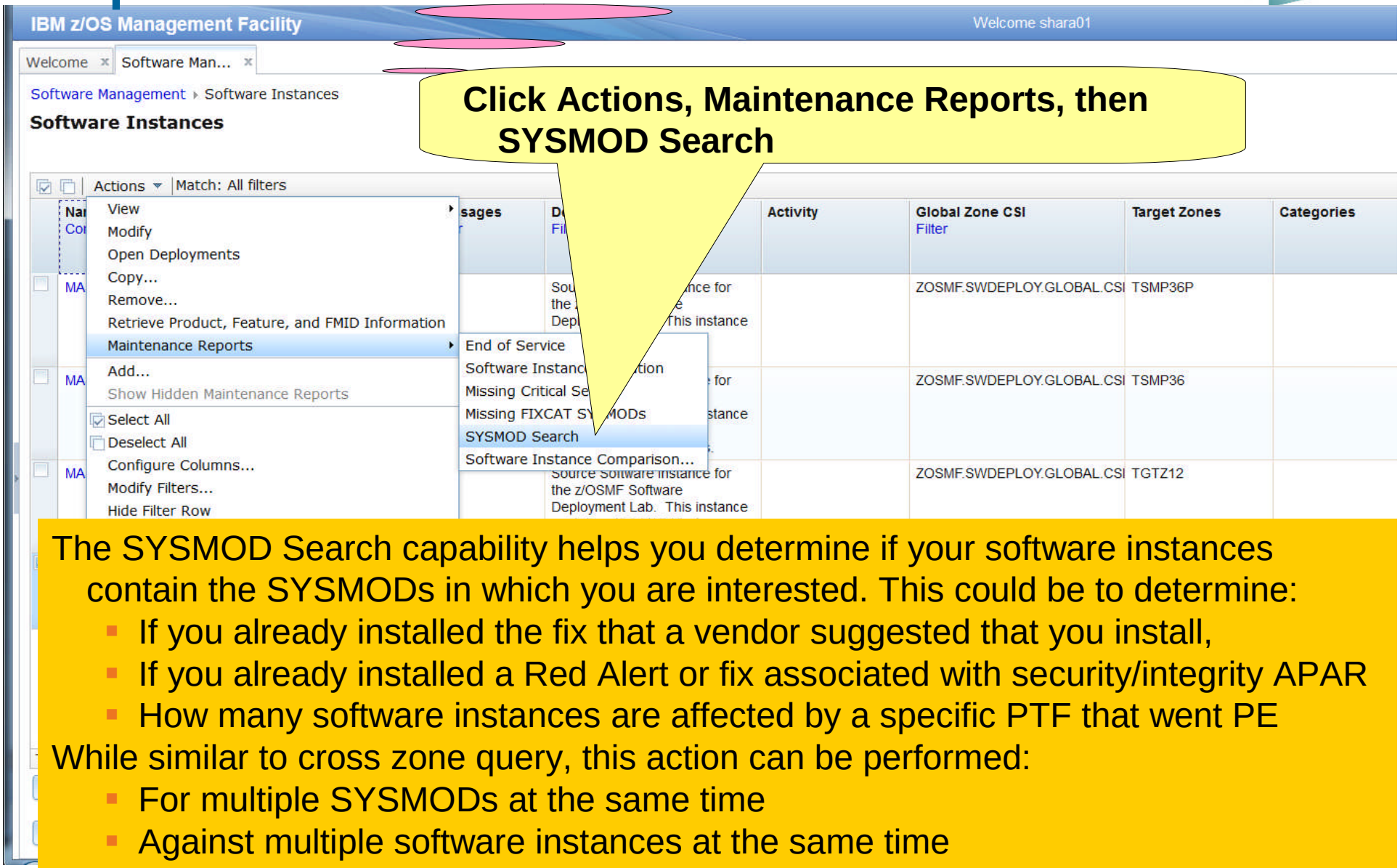
When you are done with the End of Service report, click Close

Complete your session evaluations online at www.S
in Anaheim

Step 4b: Report on "Master" Software Instances' SYSMOD Search

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

Step 4b



Click Actions, Maintenance Reports, then SYSMOD Search

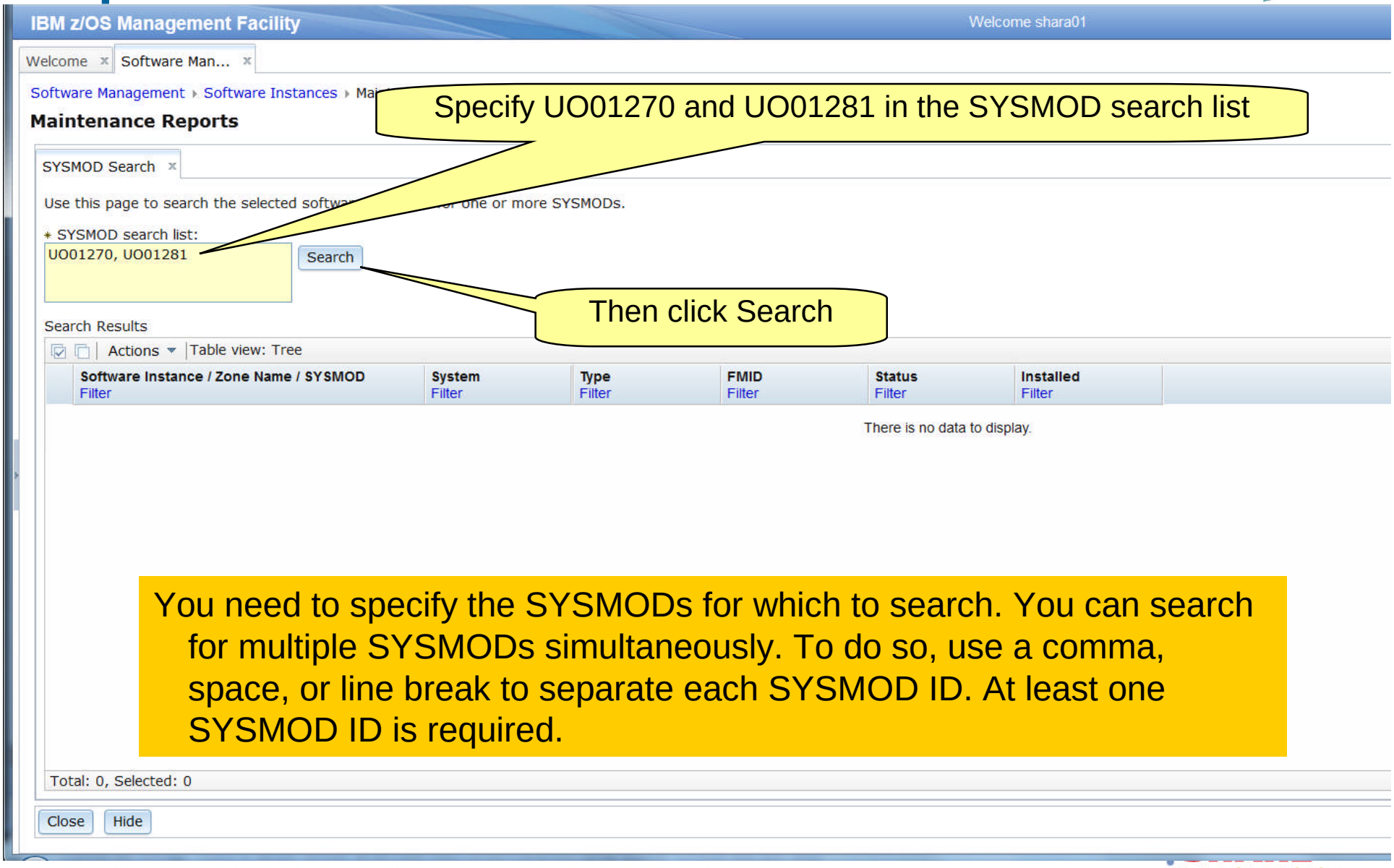
The SYSMOD Search capability helps you determine if your software instances contain the SYSMODs in which you are interested. This could be to determine:

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

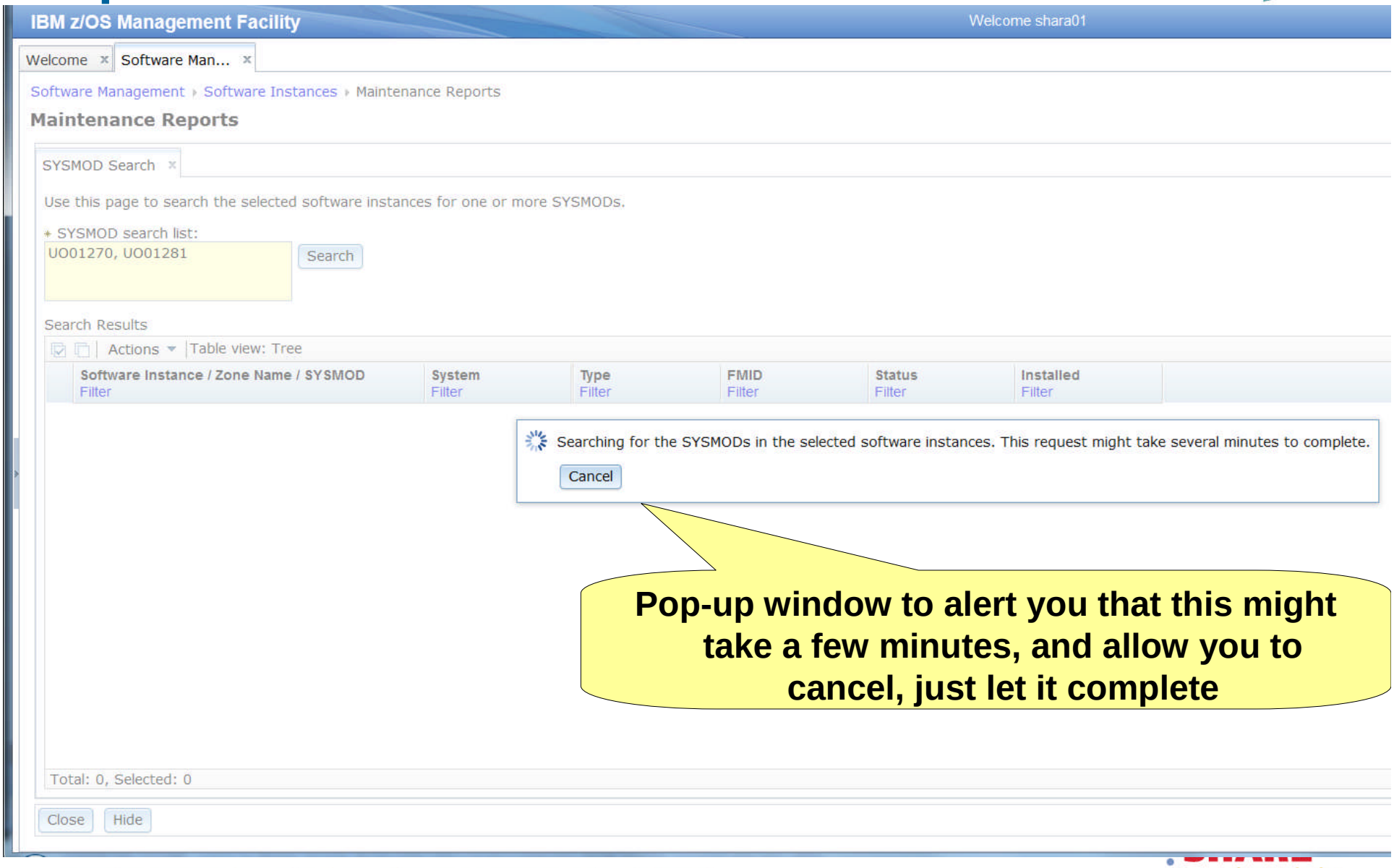
While similar to cross zone query, this action can be performed:

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

Step 4b …

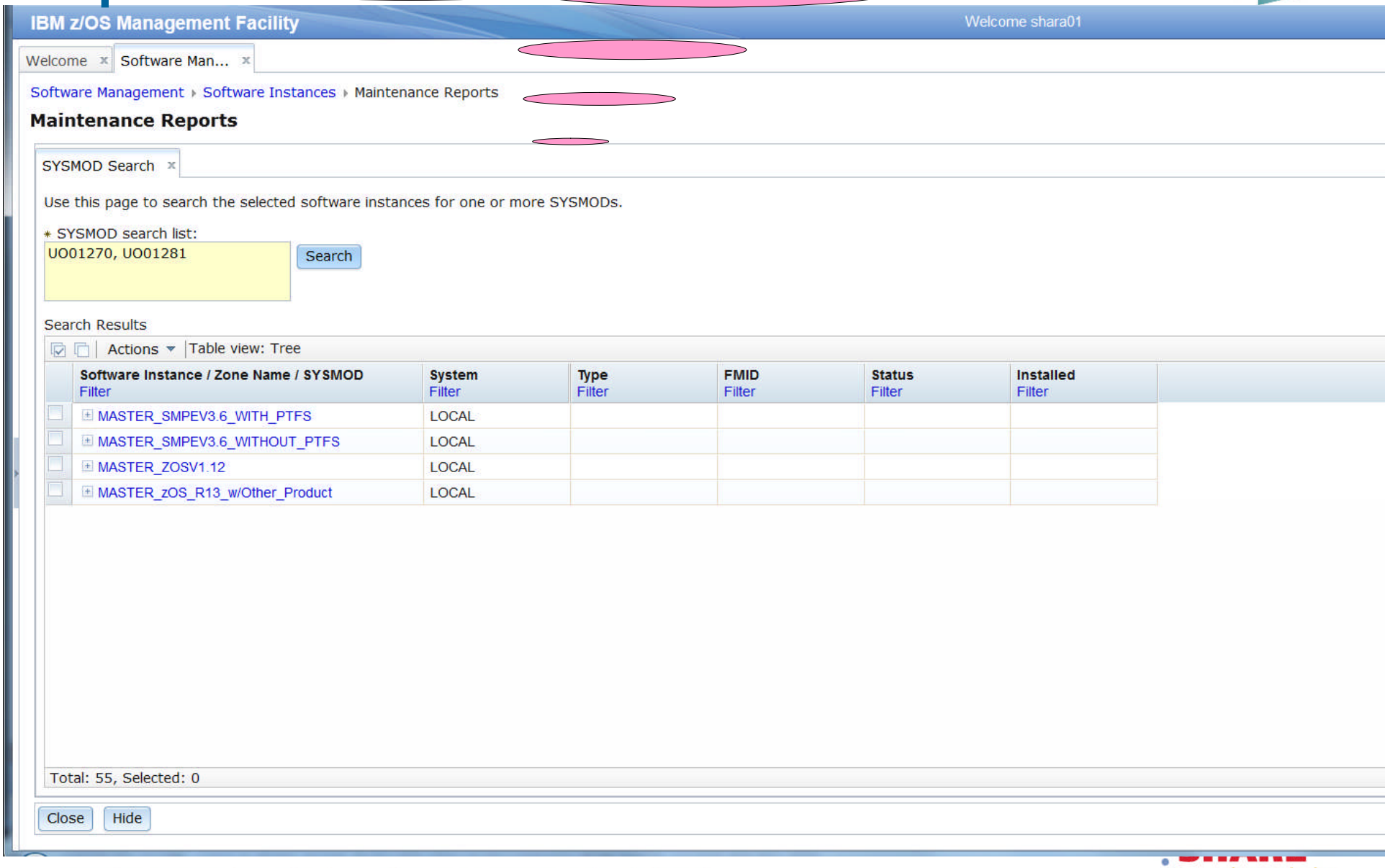

IBM z/OS Management Facility
Welcome shara01
Welcome
Software Man...
Software Management
Software Instances
Maintenance Reports
SYSMOD Search
Use this page to search the selected softwa
one or more SYSMODs.
* SYSMOD search list:
UO01270, UO01281
Search
Specify UO01270 and UO01281 in the SYSMOD search list
Then click Search
Search Results
Actions
Table view: Tree
Software Instance / Zone Name / SYSMOD
Filter
System
Filter
Type
Filter
FMID
Filter
Status
Filter
Installed
Filter
There is no data to display.
You need to specify the SYSMODs for which to search. You can search for multiple SYSMODs simultaneously. To do so, use a comma, space, or line break to separate each SYSMOD ID. At least one SYSMOD ID is required.
Total: 0, Selected: 0
Close
Hide

Step 4b …

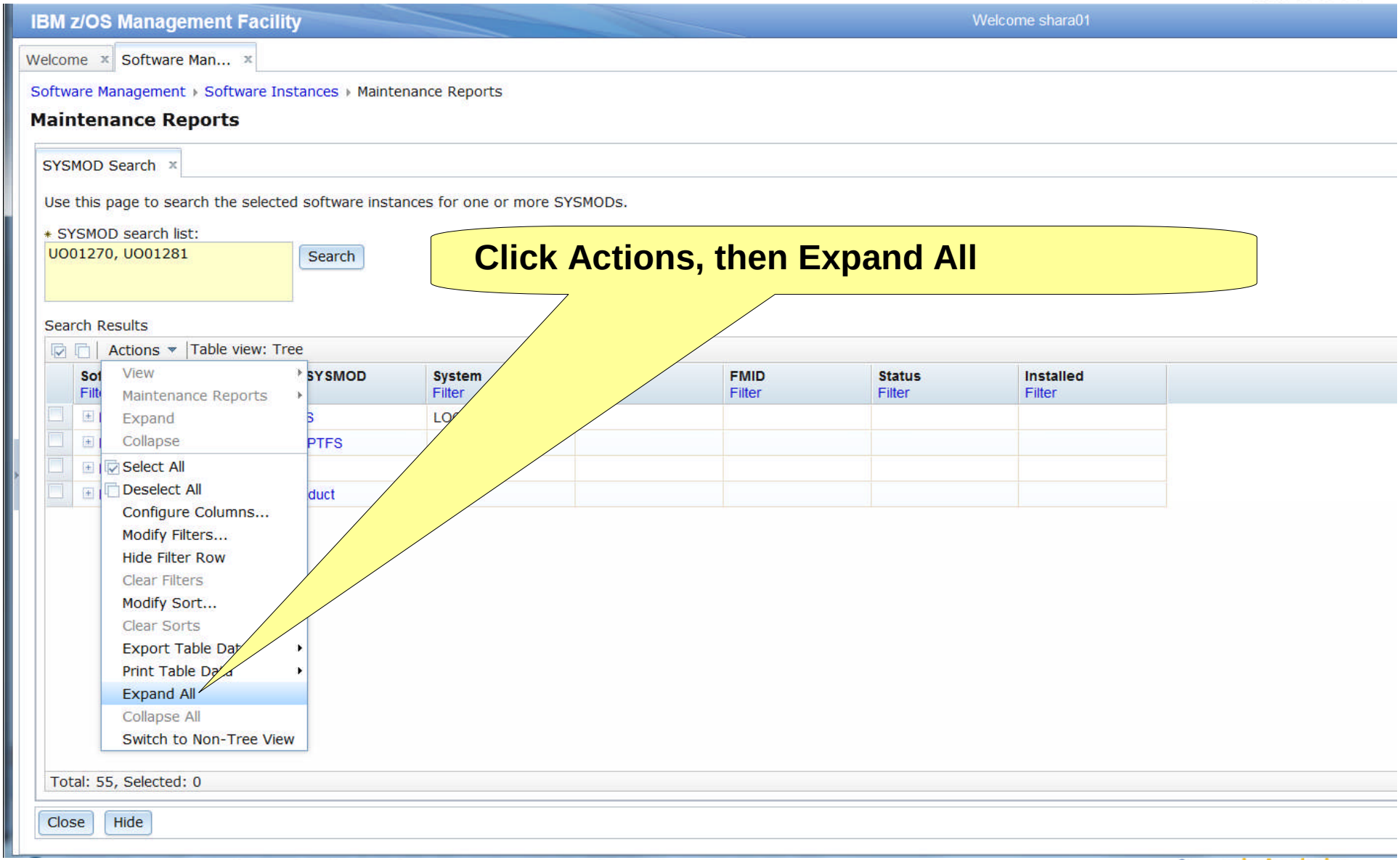

IBM z/OS Management Facility
Welcome shara01
Welcome
Software Man...
Software Management › Software Instances › Maintenance Reports
Maintenance Reports
SYSMOD Search
Use this page to search the selected software instances for one or more SYSMODs.
SYSMOD search list:
UO01270, UO01281
Search
Search Results
Actions
Table view: Tree
Software Instance / Zone Name / SYSMOD
System
Type
FMID
Status
Installed
Filter
Searching for the SYSMODs in the selected software instances. 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, just let it complete
Total: 0, Selected: 0
Close
Hide

Step 4b: M

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

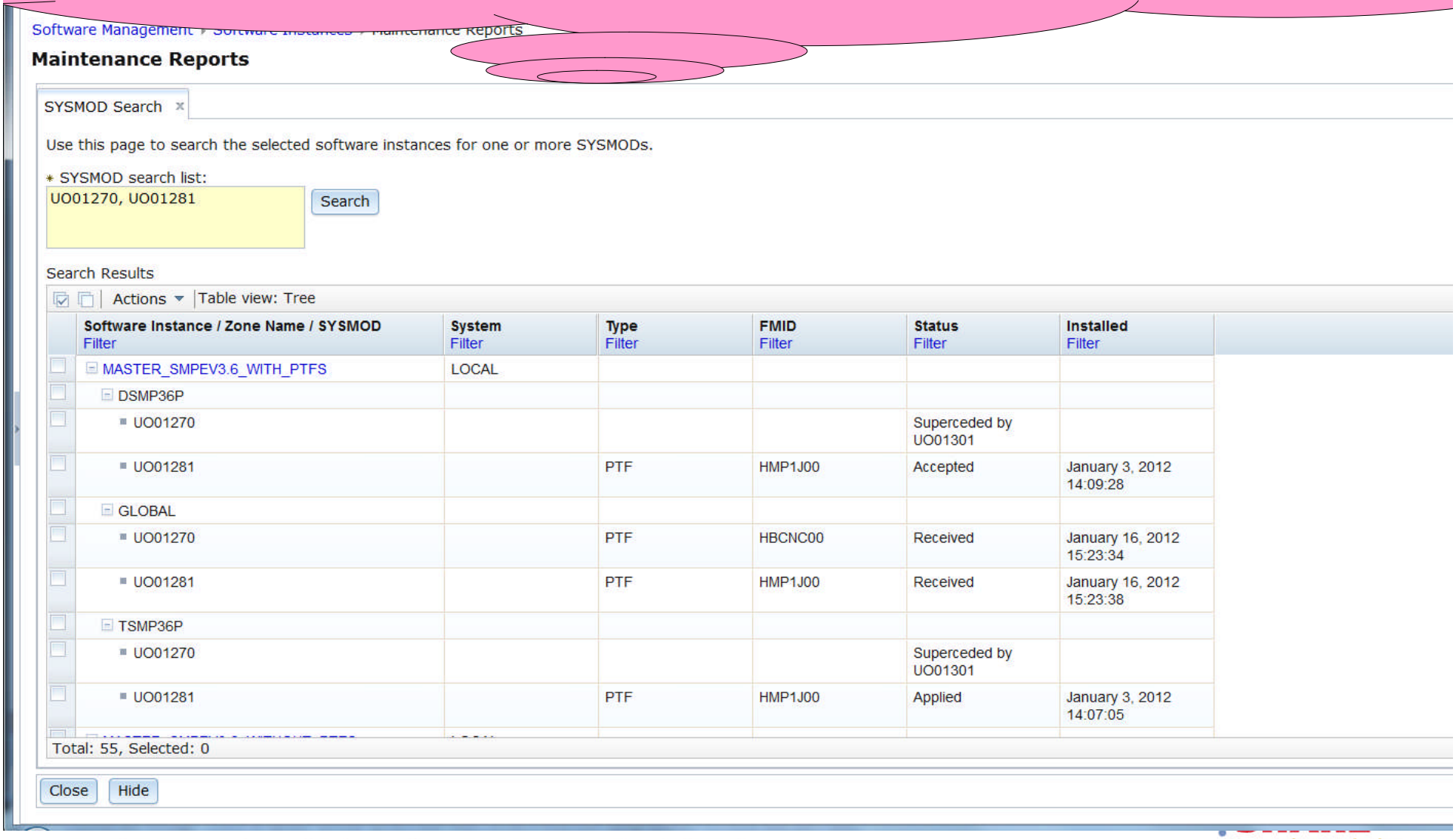


Step 4b …

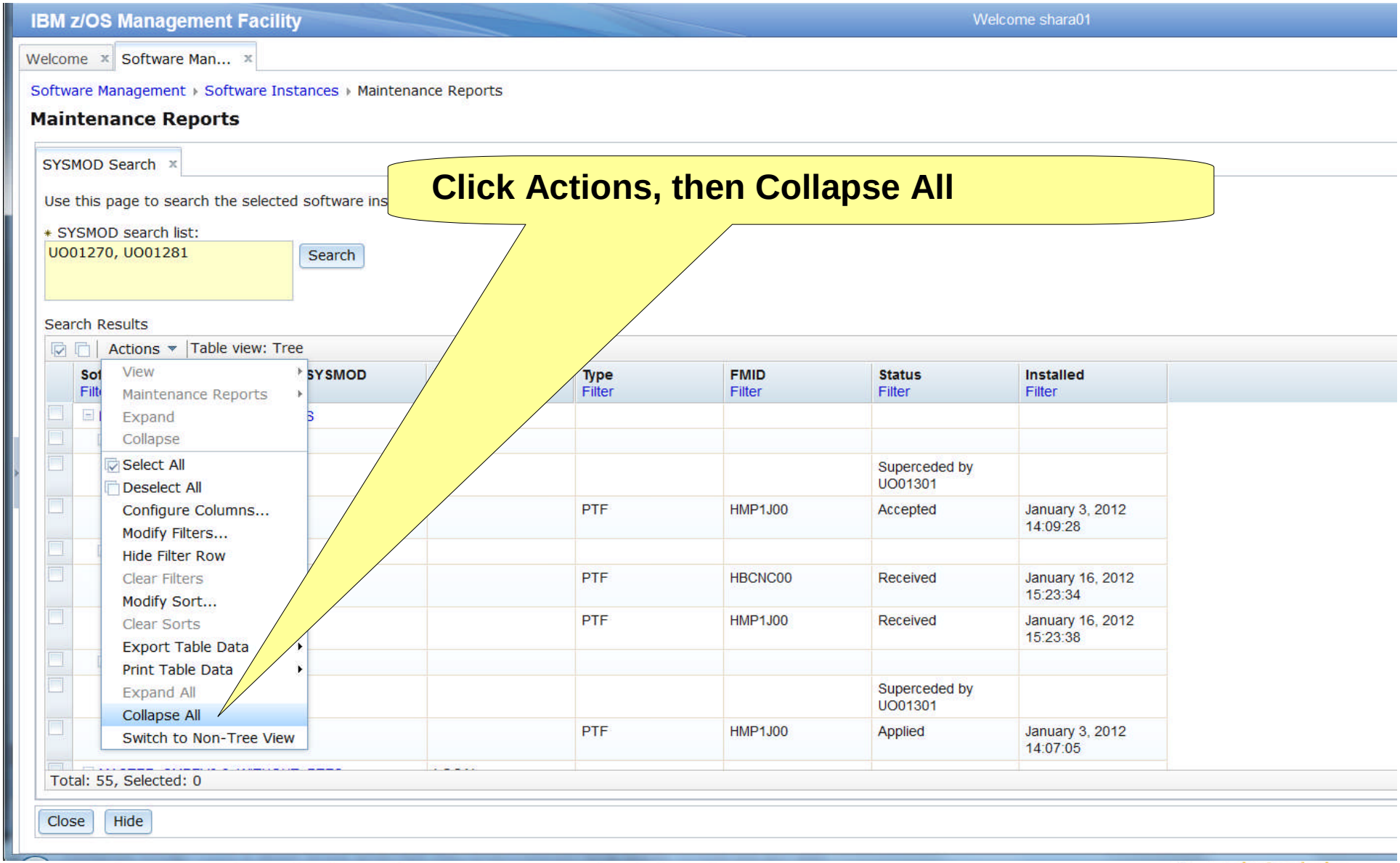


Complete your session evaluations online at www.SHARE.org/AnaheimEval
in Anaheim

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



Step 4b …



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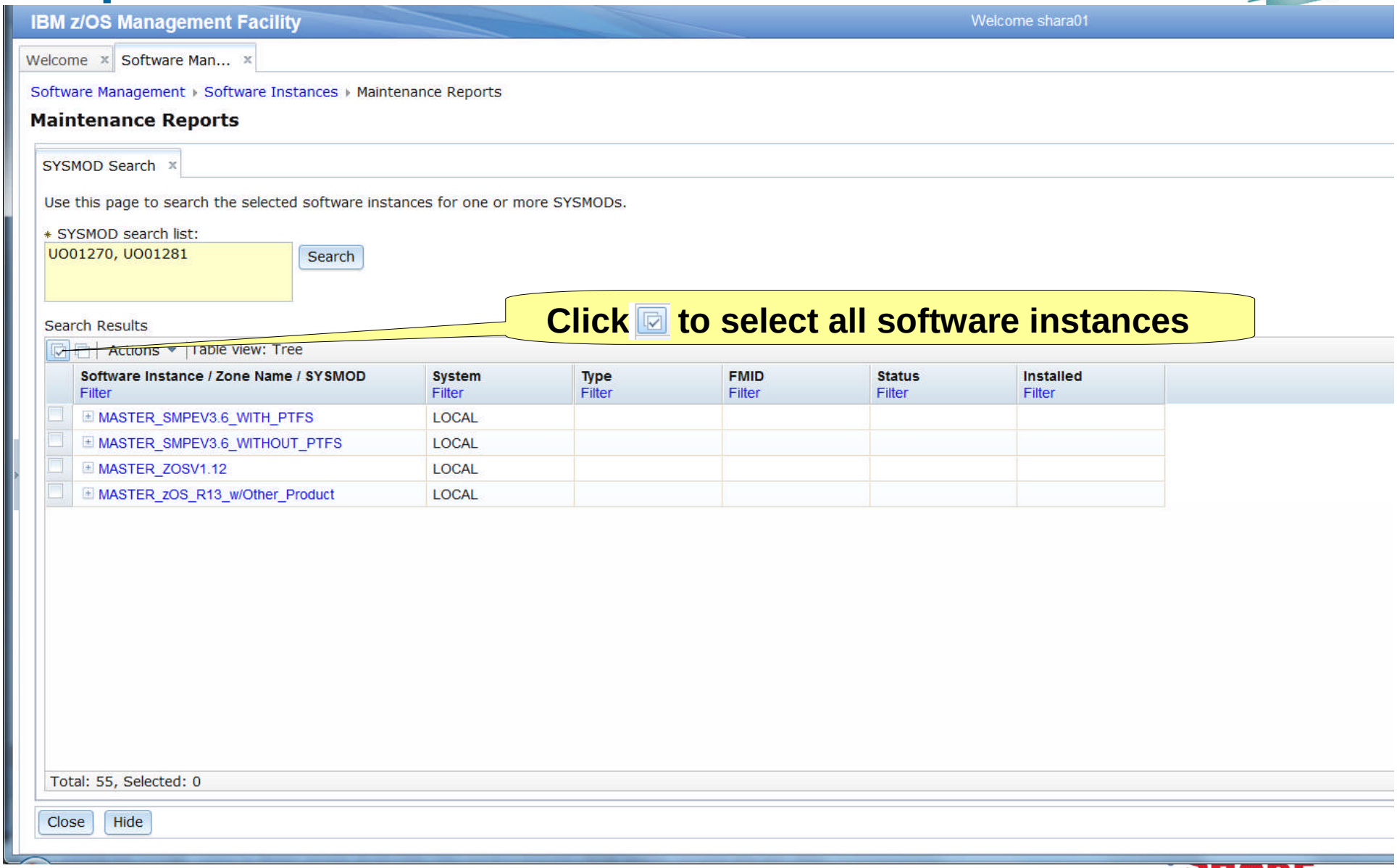
in Anaheim

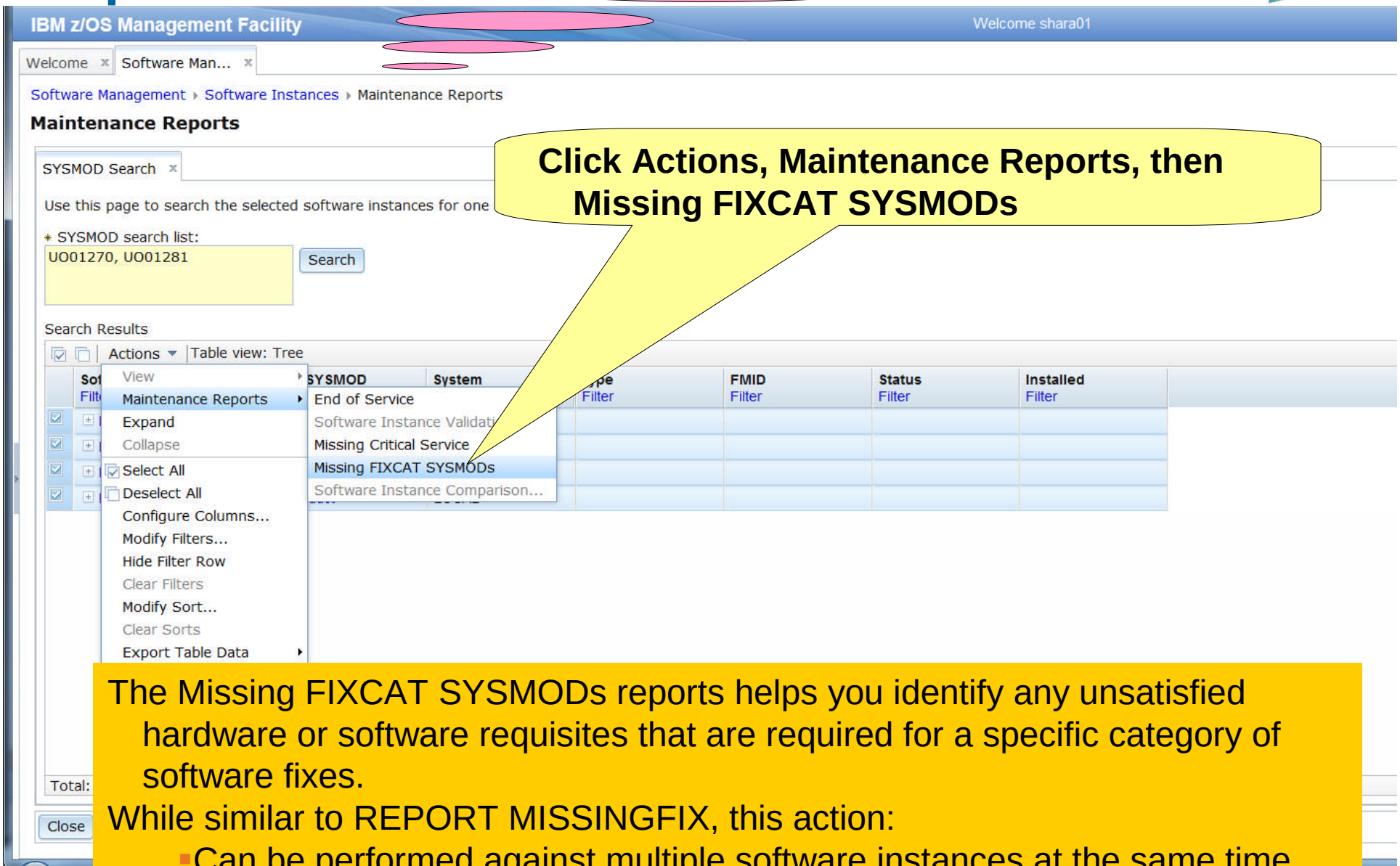
Step 4c: Report on "Master" Software Instances' Missing FIXCAT SYSMODs

Step 4c



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

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



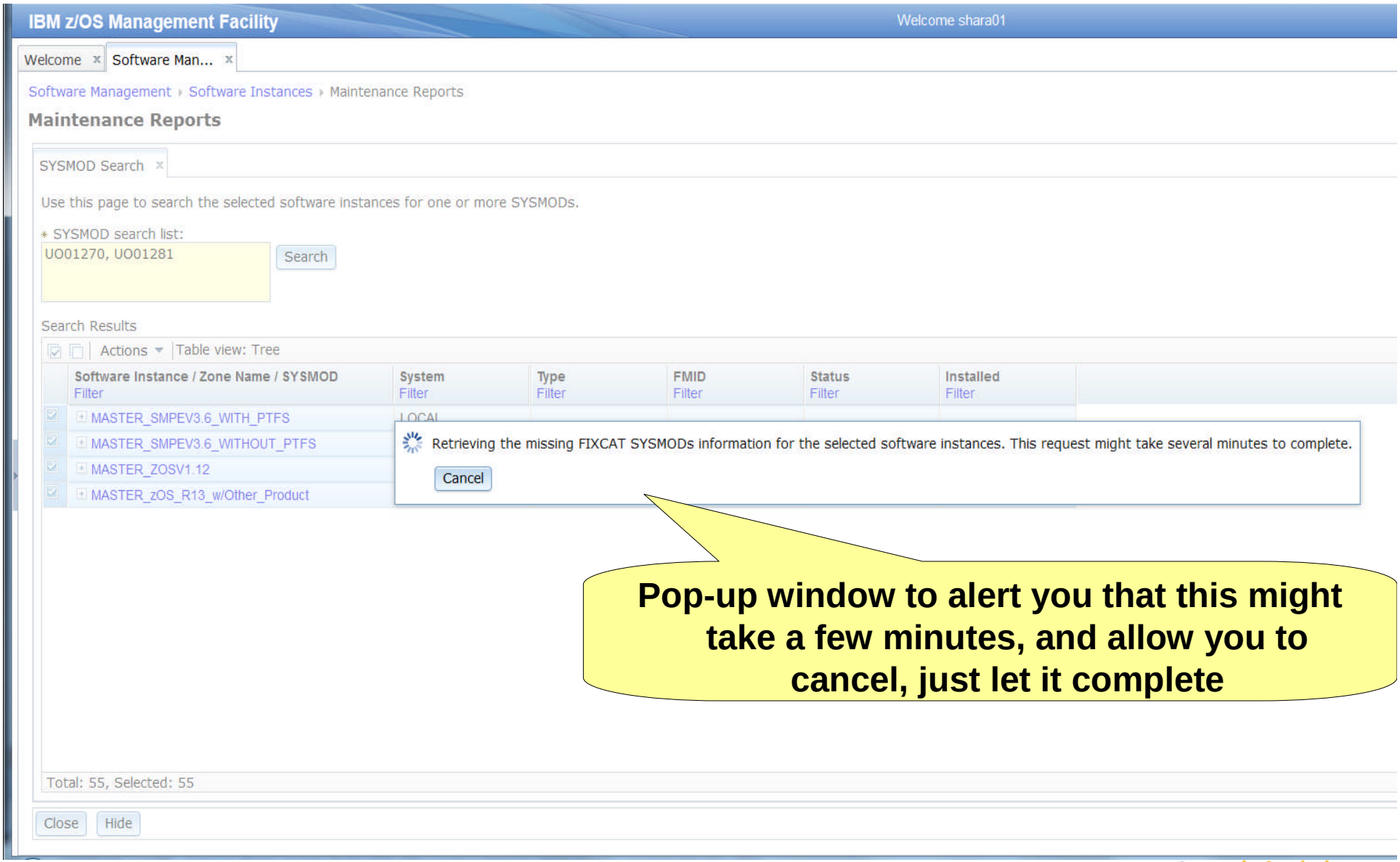
Click Actions, Maintenance Reports, then Missing FIXCAT SYSMODs

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

While similar to REPORT MISSINGFIX, this action:

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

Step 4c …



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

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

Step 4

IBM z/OS Management Facility

Welcome shara01

Welcome | Software Man...

Software Management › Software Instances › Maintenance Reports

Maintenance Reports

SYSMOD Search | Missing FIXCAT SYSMODs

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

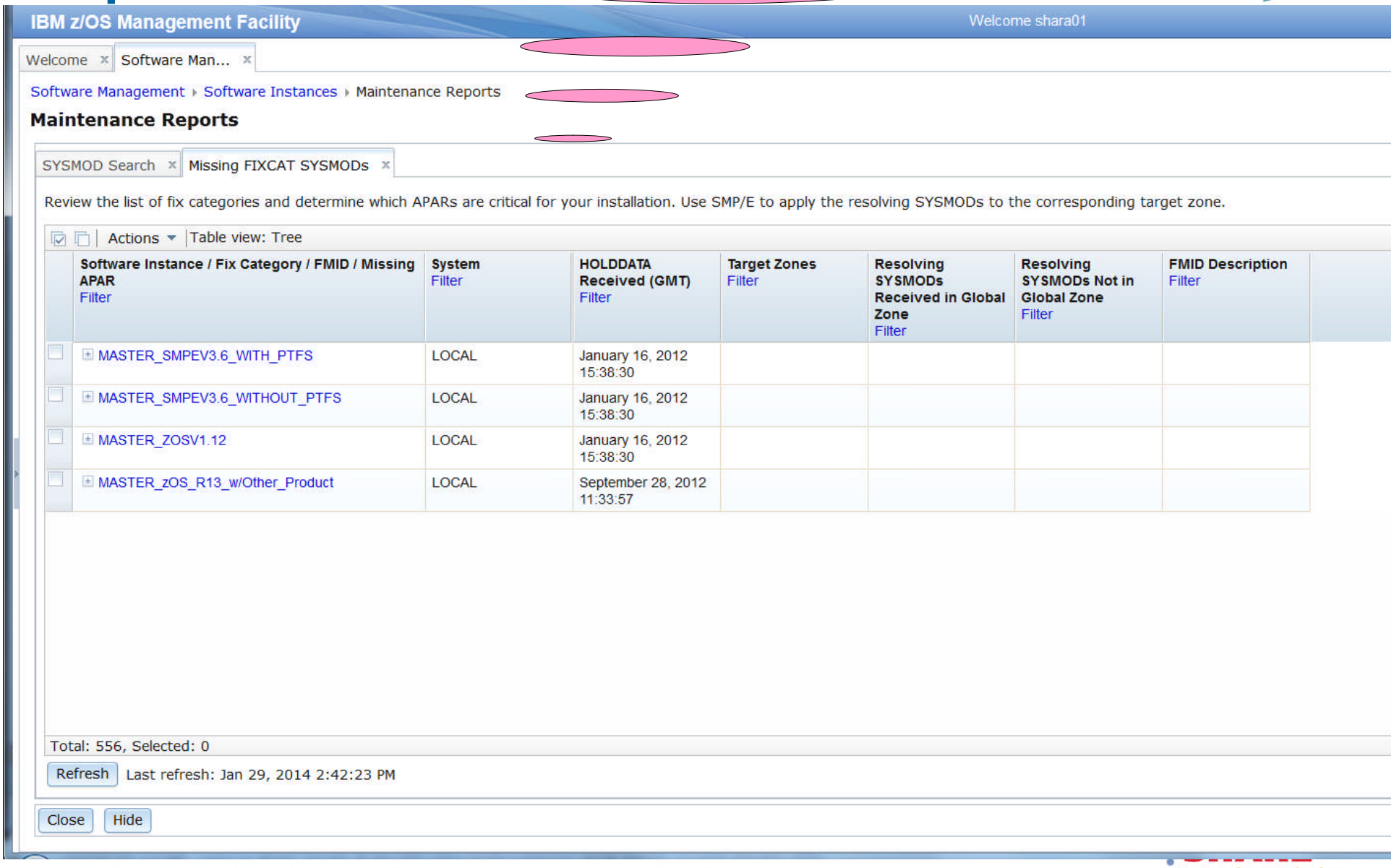
Actions | Table view: Tree

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

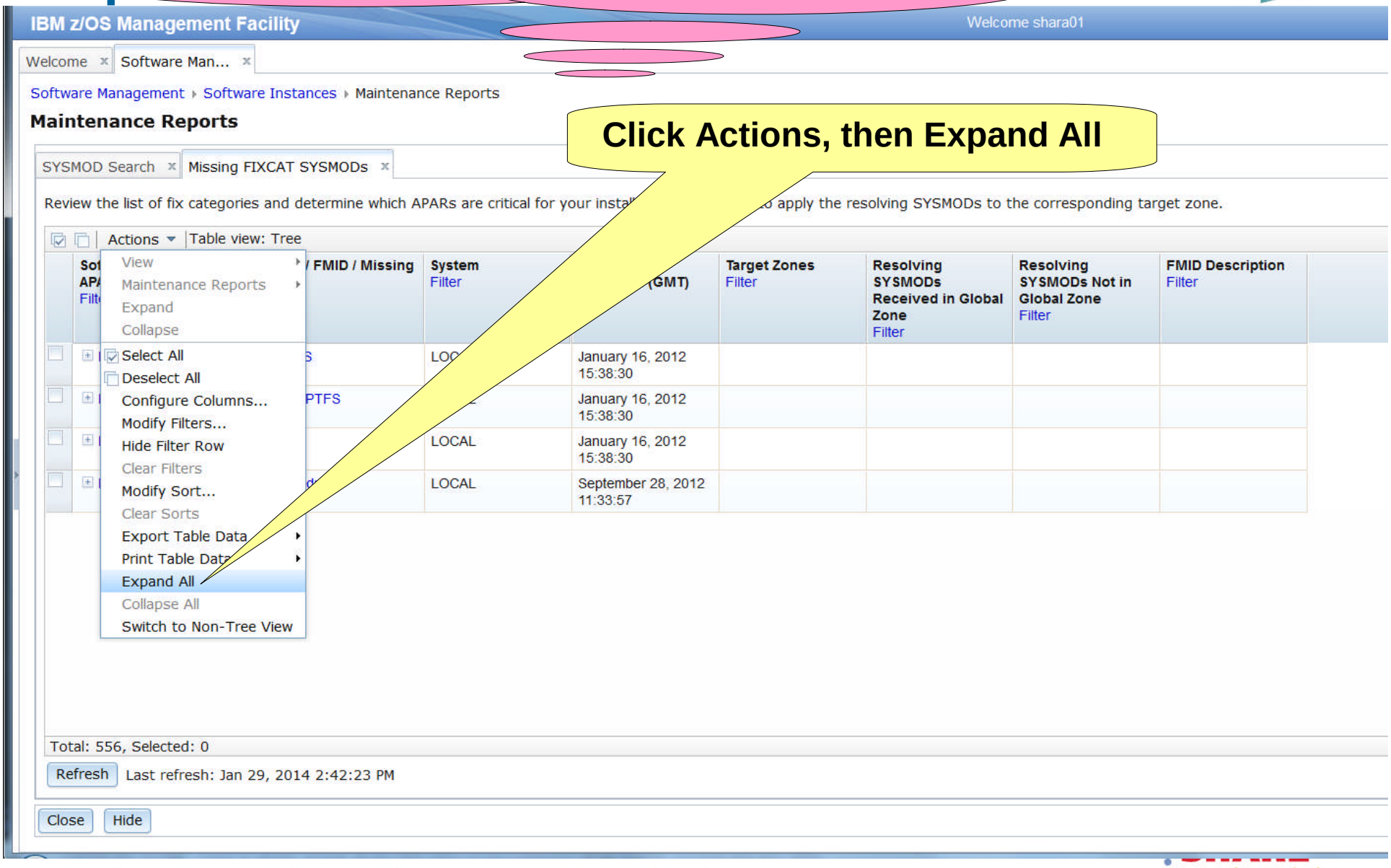
Total: 556, Selected: 0

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

Close Hide

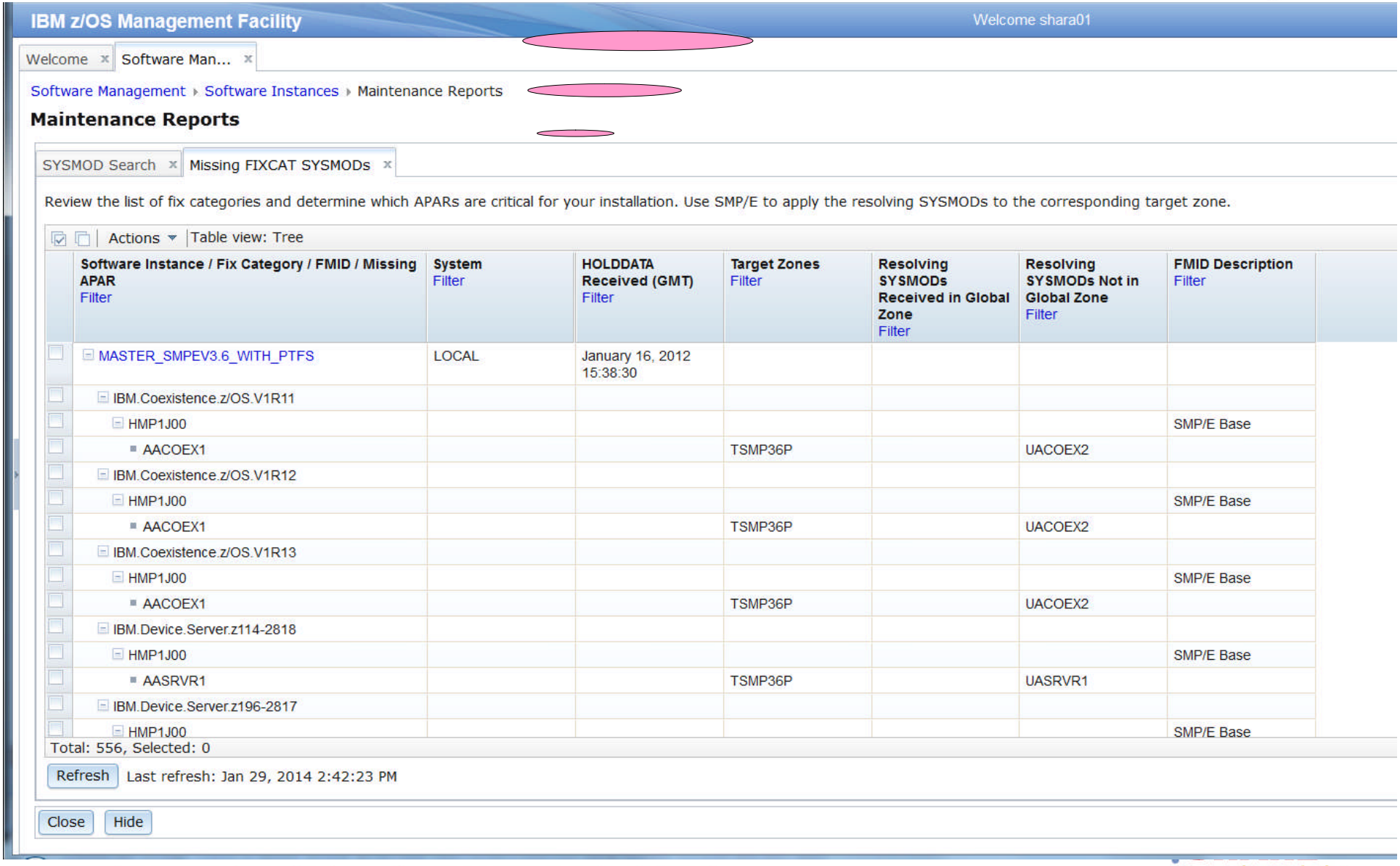


Notice that a second tab was created under Maintenance Reports. You can go back to prior reports by clicking the appropriate tab.



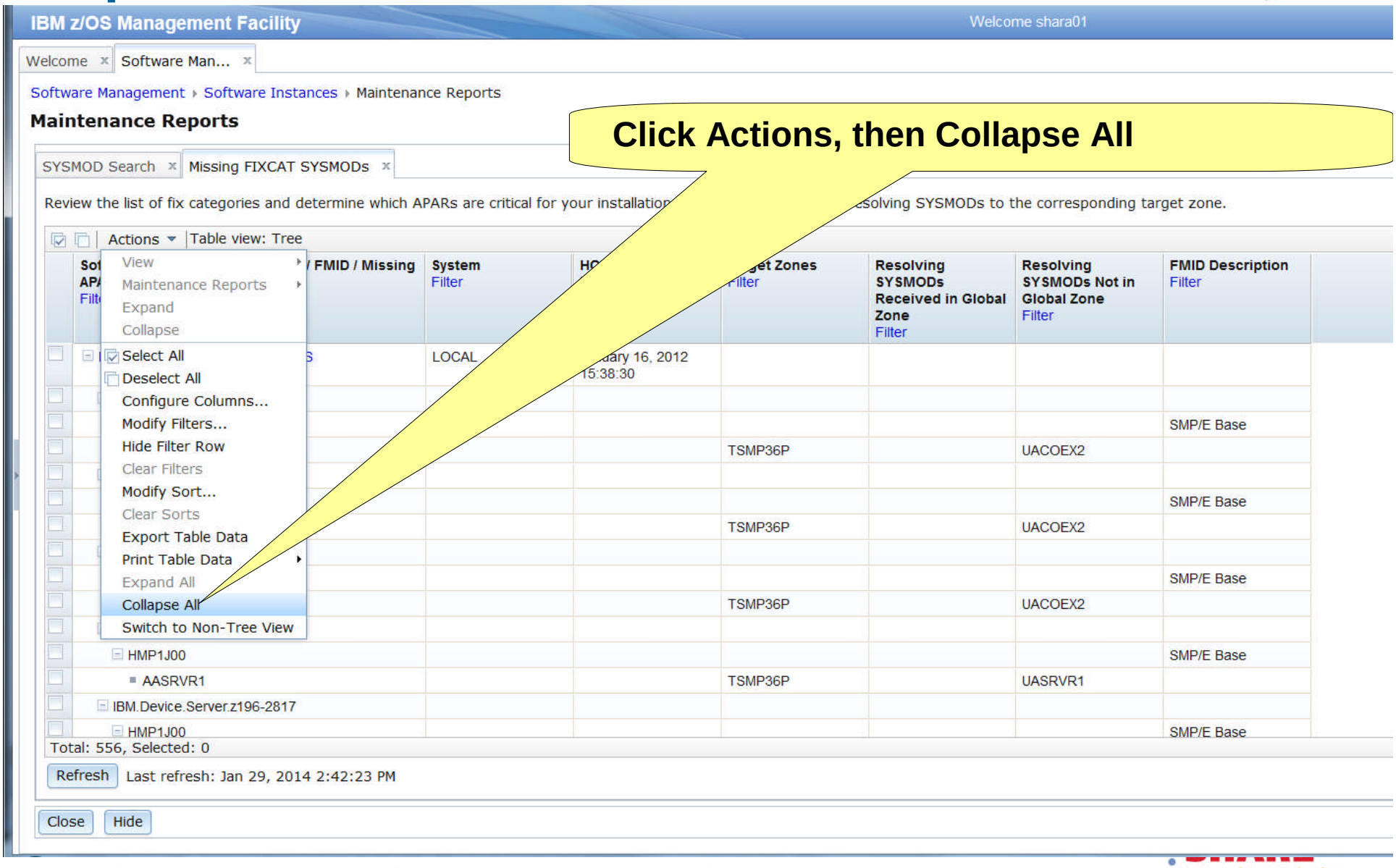
Step 40 M...

Similar to REPORT MISSINGFIX Output displayed in tree table format



Software Instance / Fix Category / FMID / Missing APAR Filter	System Filter	HOLDDATA Received (GMT) Filter	Target Zones Filter	Resolving SYSMODs Received in Global Zone Filter	Resolving SYSMODs Not in Global Zone Filter	FMID Description Filter
MASTER_SMPEV3.6_WITH_PTFS	LOCAL	January 16, 2012 15:38:30				
IBM.Coexistence.z/OS.V1R11						
HMP1J00						SMP/E Base
AACOEX1			TSMP36P		UACOEX2	
IBM.Coexistence.z/OS.V1R12						
HMP1J00						SMP/E Base
AACOEX1			TSMP36P		UACOEX2	
IBM.Coexistence.z/OS.V1R13						
HMP1J00						SMP/E Base
AACOEX1			TSMP36P		UACOEX2	
IBM.Device.Server.z114-2818						
HMP1J00						SMP/E Base
AASRVR1			TSMP36P		UASRVR1	
IBM.Device.Server.z196-2817						
HMP1J00						SMP/E Base

Step 4c …

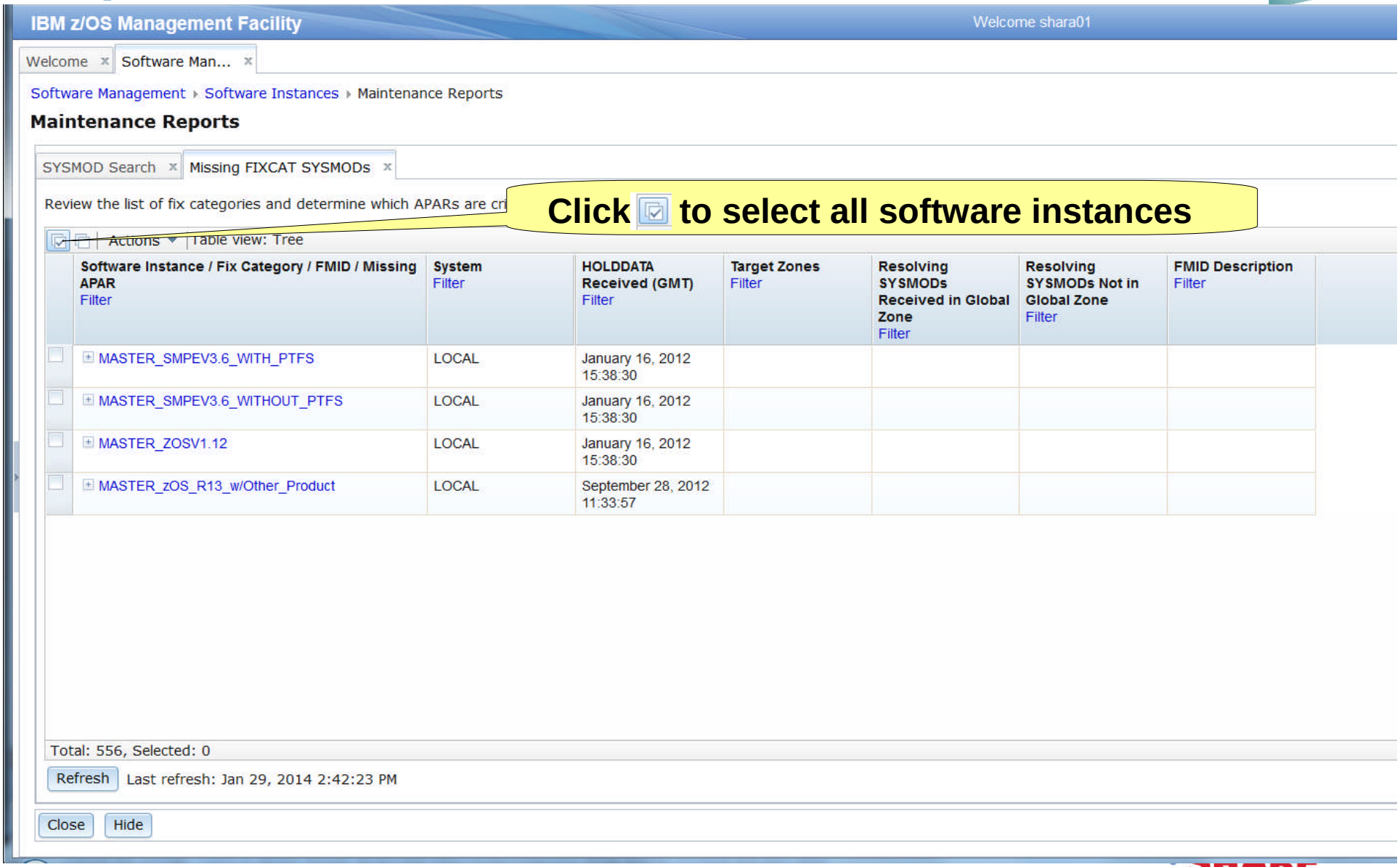


Complete your session evaluations online at www.SHARE.org/AnaheimEval

Step 4d: Report on "Master" Software Instances' Missing Critical Fixes

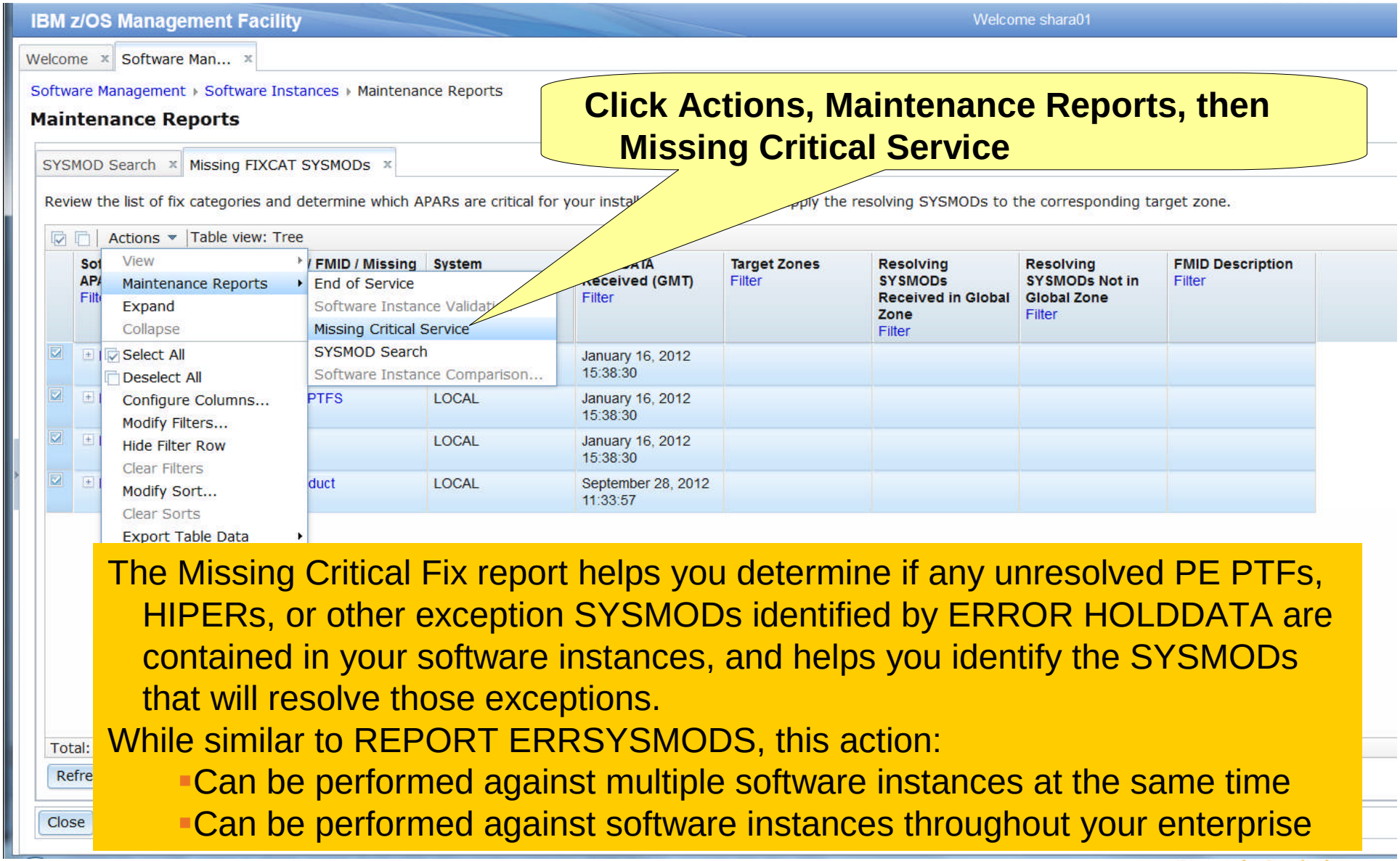
Complete your session evaluations online at www.SHARE.org/AnaheimEval

Step 4d



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

Step 4d …



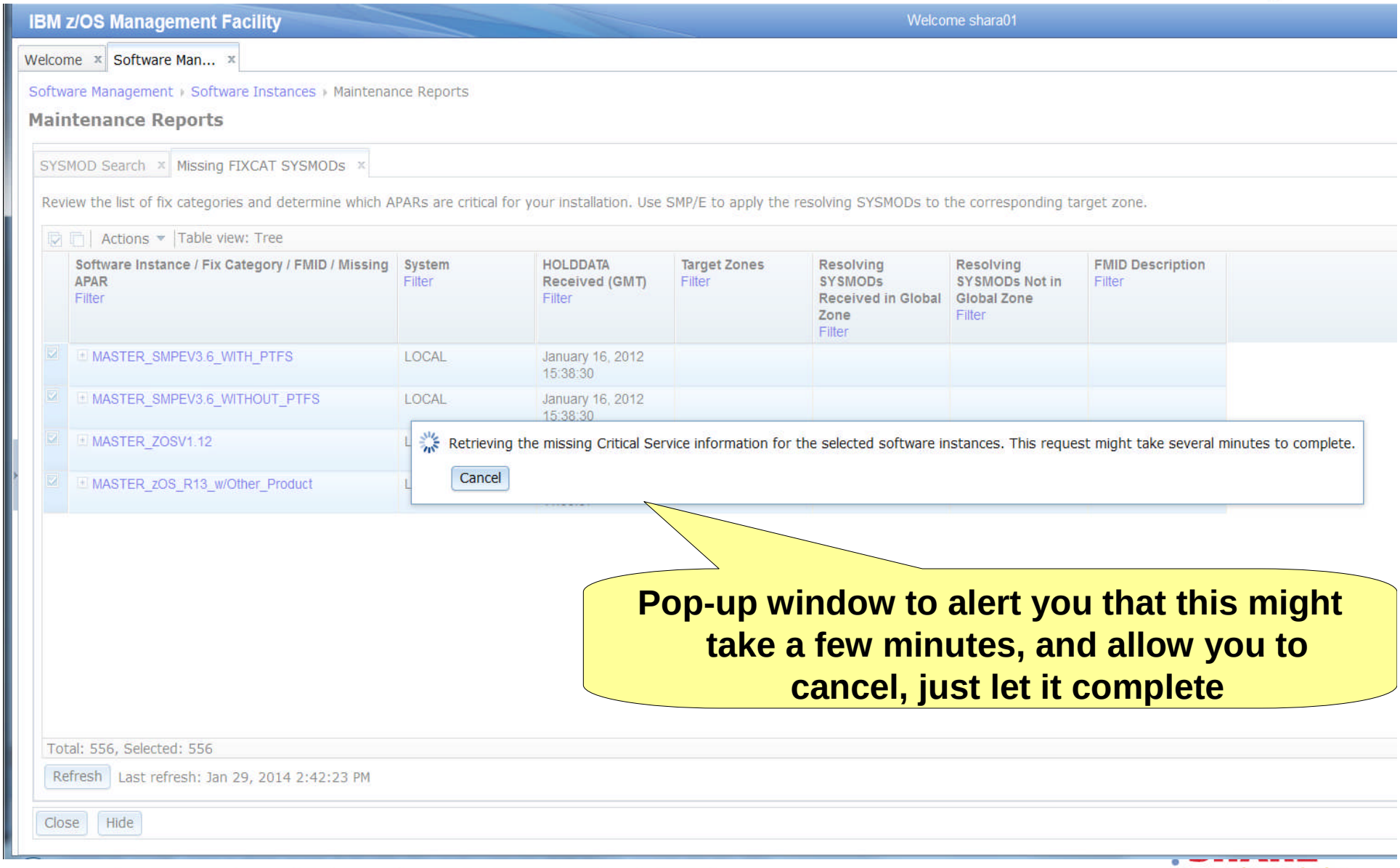
Click Actions, Maintenance Reports, then Missing Critical Service

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

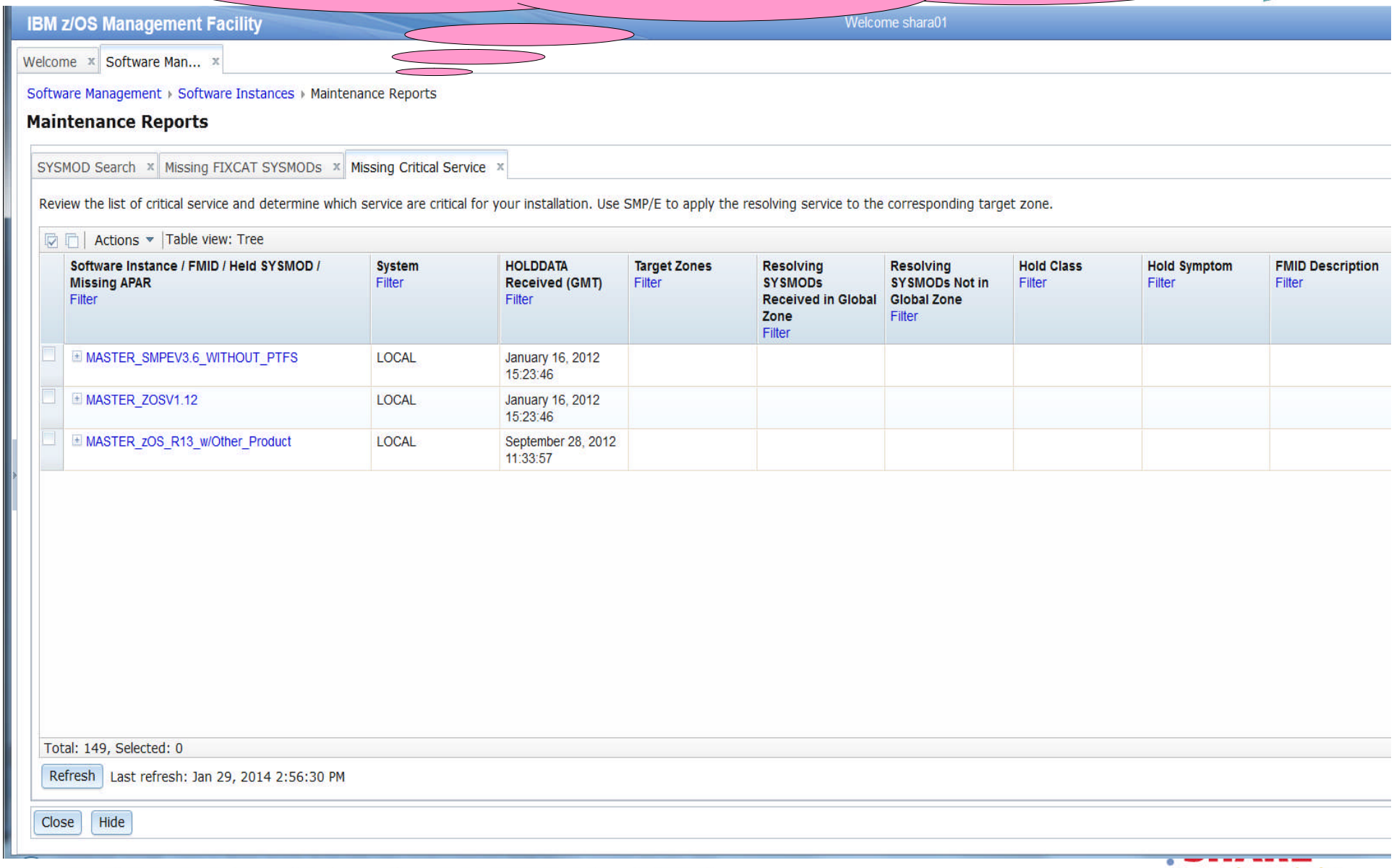
While similar to REPORT ERRSYSMODS, this action:

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

Step 4d …

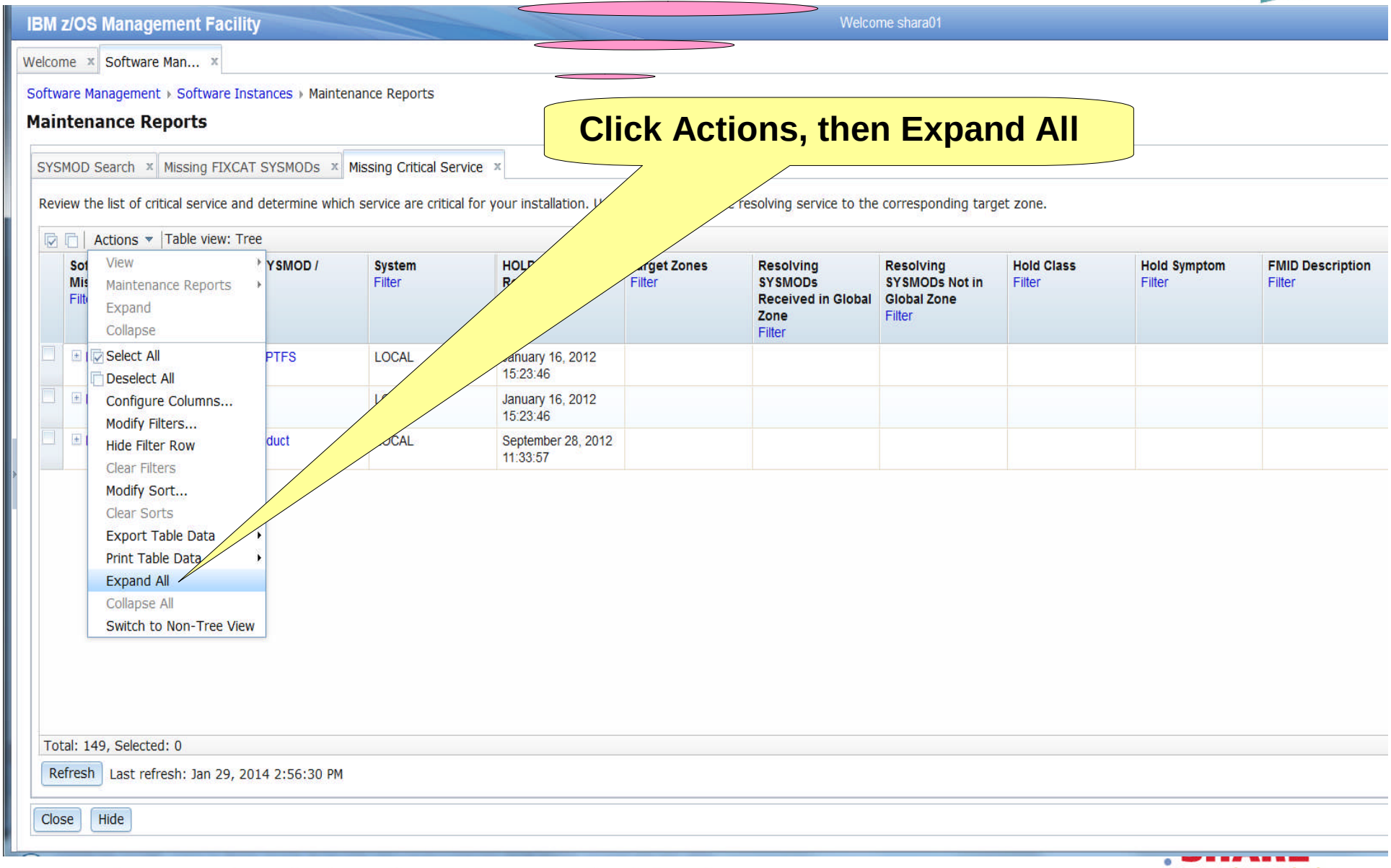

IBM z/OS Management Facility
Welcome shara01
Welcome
Software Man...
Software Management › Software Instances › Maintenance Reports
Maintenance Reports
SYSMOD Search
Missing FIXCAT SYSMODs
Review the list of fix categories and determine which APARs are critical for your installation. Use SMP/E to apply the resolving SYSMODs to the corresponding target zone.
Actions
Table view: Tree
Software Instance / Fix Category / FMID / Missing APAR
Filter
System
Filter
HOLDDATA Received (GMT)
Filter
Target Zones
Filter
Resolving SYSMODs Received in Global Zone
Filter
Resolving SYSMODs Not in Global Zone
Filter
FMID Description
Filter
MASTER_SMPEV3.6_WITH_PTFS
LOCAL
January 16, 2012 15:38:30
MASTER_SMPEV3.6_WITHOUT_PTFS
LOCAL
January 16, 2012 15:38:30
MASTER_ZOSV1.12
MASTER_zOS_R13_w/Other_Product
Retrieving the missing Critical Service information for the selected software instances. 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, just let it complete
Total: 556, Selected: 556
Refresh
Last refresh: Jan 29, 2014 2:42:23 PM
Close
Hide

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



Step 4d …

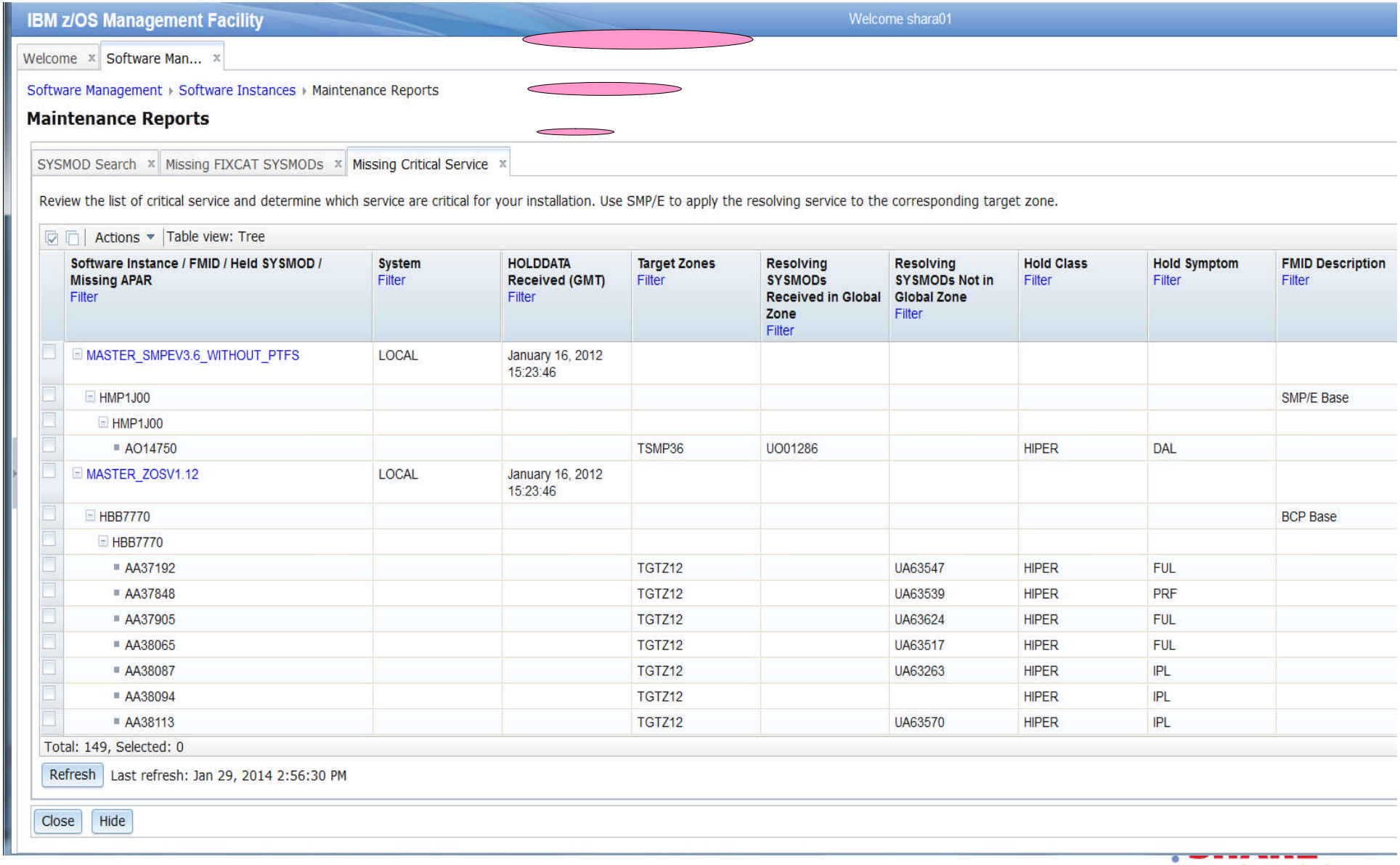
Notice that a third tab was created under Maintenance Reports.



Click Actions, then Expand All

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

Similar to REPORT ERRSYSMODS Output displayed in tree table format



IBM z/OS Management Facility — Welcome shara01

Welcome | Software Man...

Software Management › Software Instances › Maintenance Reports

Maintenance Reports

SYSMOD Search | Missing FIXCAT SYSMODs | Missing Critical Service

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

Actions | Table view: Tree

Software Instance / FMID / Held SYSMOD / Missing APAR Filter	System Filter	HOLDDATA Received (GMT) Filter	Target Zones Filter	Resolving SYSMODs Received in Global Zone Filter	Resolving SYSMODs Not in Global Zone Filter	Hold Class Filter	Hold Symptom Filter	FMID Description Filter
MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL	January 16, 2012 15:23:46						
HMP1J00								SMP/E Base
HMP1J00								
AO14750			TSMP36	UO01286		HIPER	DAL	
MASTER_ZOSV1.12	LOCAL	January 16, 2012 15:23:46						
HBB7770								BCP Base
HBB7770								
AA37192			TGTZ12		UA63547	HIPER	FUL	
AA37848			TGTZ12		UA63539	HIPER	PRF	
AA37905			TGTZ12		UA63624	HIPER	FUL	
AA38065			TGTZ12		UA63517	HIPER	FUL	
AA38087			TGTZ12		UA63263	HIPER	IPL	
AA38094			TGTZ12			HIPER	IPL	
AA38113			TGTZ12		UA63570	HIPER	IPL	

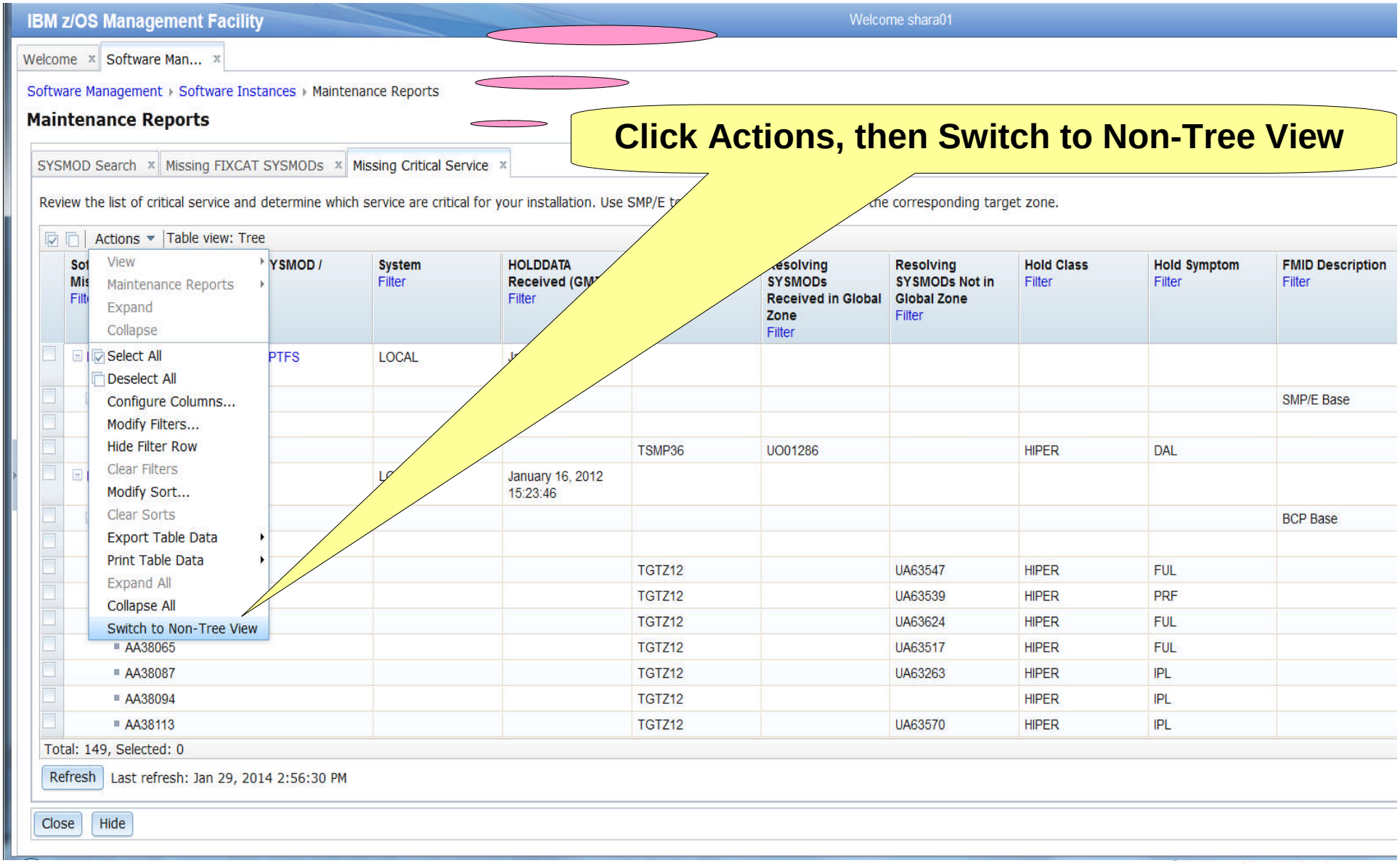
Total: 149, Selected: 0

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

Close Hide

Step

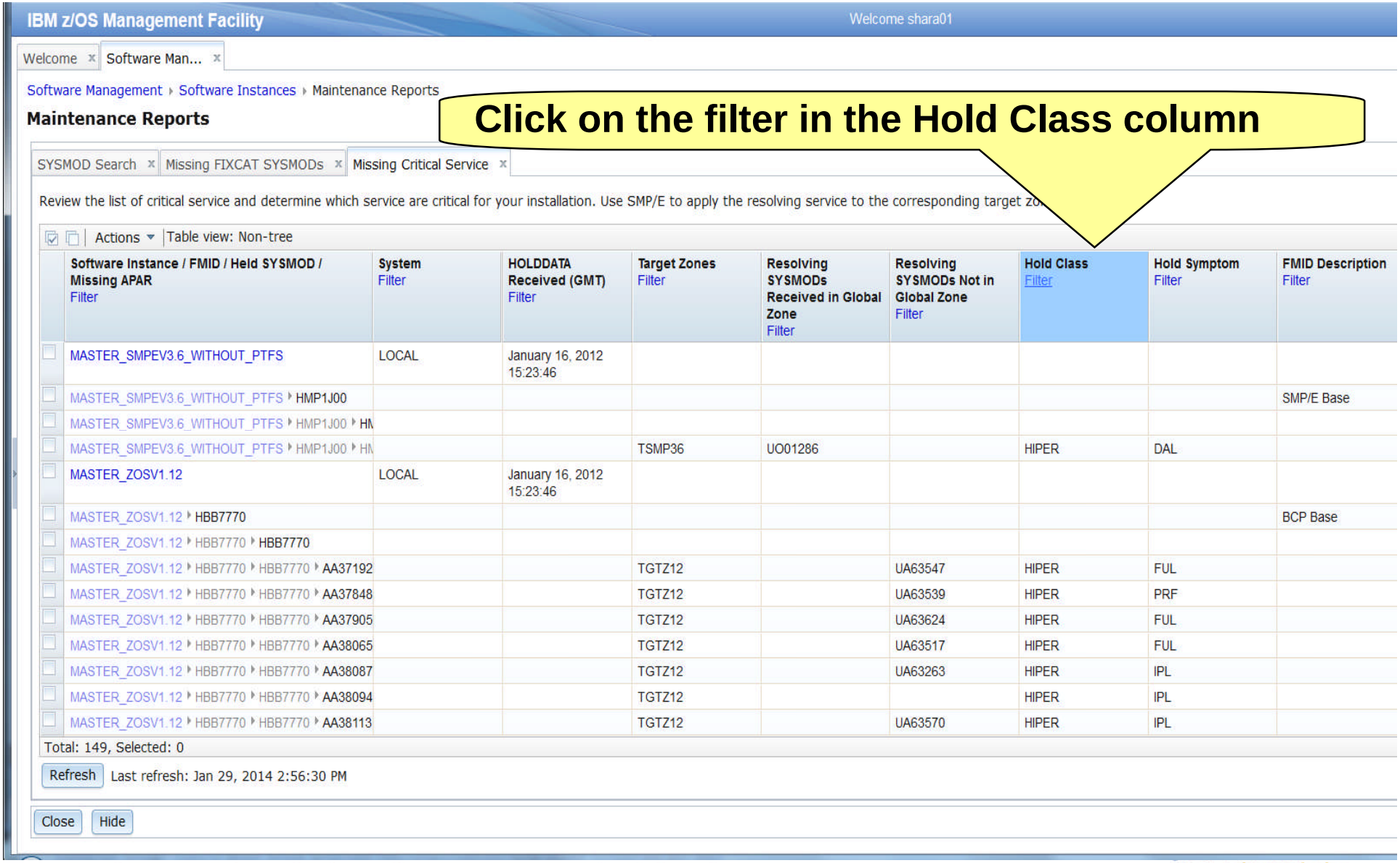
Now you are going to change the view and add a filter to identify missing HIPERs



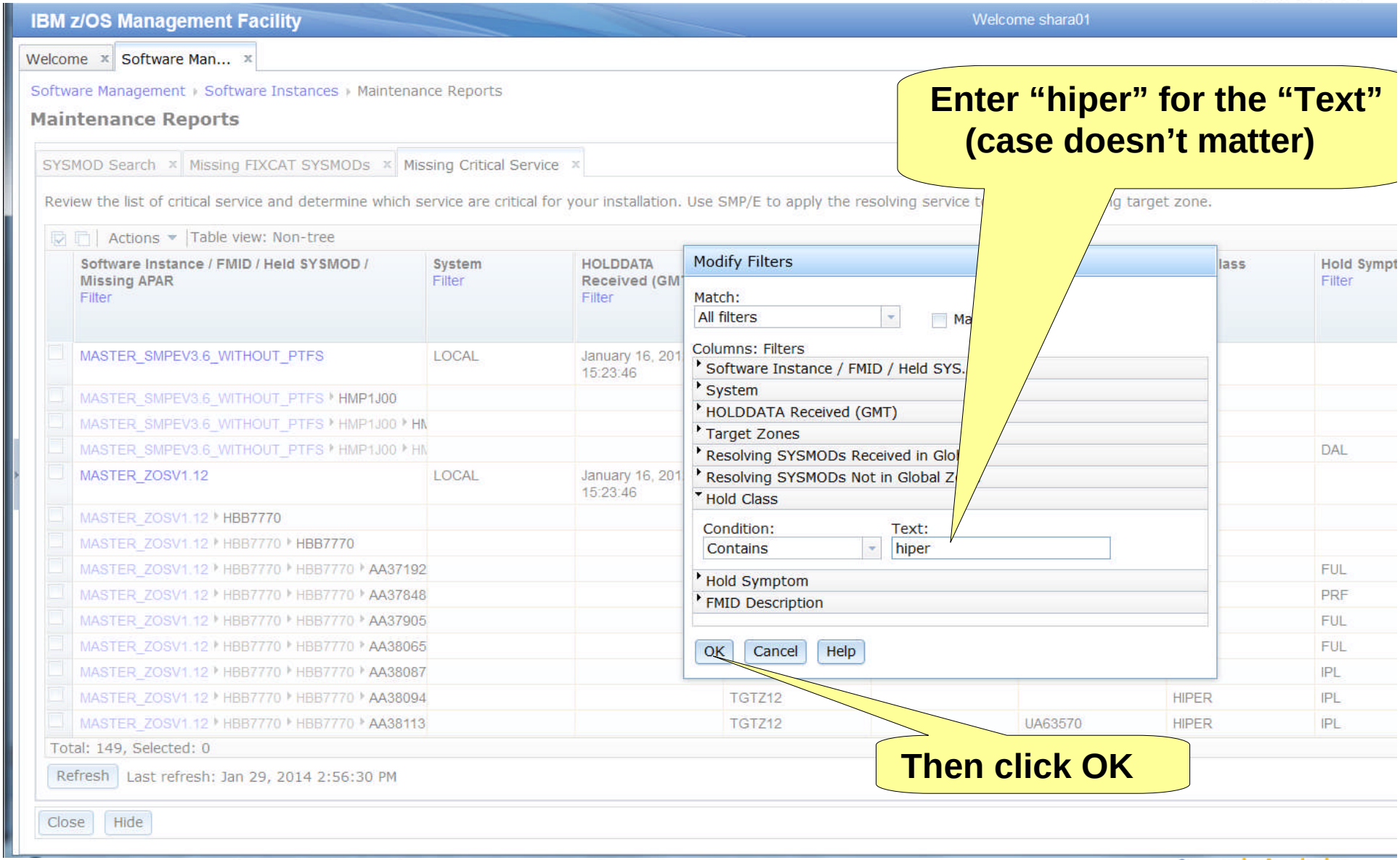
Click Actions, then Switch to Non-Tree View

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

Step 4d …


IBM z/OS Management Facility
Welcome shara01
Welcome
Software Man...
Software Management › Software Instances › Maintenance Reports
Maintenance Reports
Click on the filter in the Hold Class column
SYSMOD Search
Missing FIXCAT SYSMODs
Missing Critical Service
Review the list of critical service and determine which service are critical for your installation. Use SMP/E to apply the resolving service to the corresponding target zo
Actions
Table view: Non-tree
Software Instance / FMID / Held SYSMOD / Missing APAR Filter
System Filter
HOLDDATA Received (GMT) Filter
Target Zones Filter
Resolving SYSMODs Received in Global Zone Filter
Resolving SYSMODs Not in Global Zone Filter
Hold Class Filter
Hold Symptom Filter
FMID Description Filter
MASTER_SMPEV3.6_WITHOUT_PTFS | LOCAL | January 16, 2012 15:23:46
MASTER_SMPEV3.6_WITHOUT_PTFS › HMP1J00 | SMP/E Base
MASTER_SMPEV3.6_WITHOUT_PTFS › HMP1J00 › HM
MASTER_SMPEV3.6_WITHOUT_PTFS › HMP1J00 › HM | TSMP36 | UO01286 | HIPER | DAL
MASTER_ZOSV1.12 | LOCAL | January 16, 2012 15:23:46
MASTER_ZOSV1.12 › HBB7770 | BCP Base
MASTER_ZOSV1.12 › HBB7770 › HBB7770
MASTER_ZOSV1.12 › HBB7770 › HBB7770 › AA37192 | TGTZ12 | UA63547 | HIPER | FUL
MASTER_ZOSV1.12 › HBB7770 › HBB7770 › AA37848 | TGTZ12 | UA63539 | HIPER | PRF
MASTER_ZOSV1.12 › HBB7770 › HBB7770 › AA37905 | TGTZ12 | UA63624 | HIPER | FUL
MASTER_ZOSV1.12 › HBB7770 › HBB7770 › AA38065 | TGTZ12 | UA63517 | HIPER | FUL
MASTER_ZOSV1.12 › HBB7770 › HBB7770 › AA38087 | TGTZ12 | UA63263 | HIPER | IPL
MASTER_ZOSV1.12 › HBB7770 › HBB7770 › AA38094 | TGTZ12 | HIPER | IPL
MASTER_ZOSV1.12 › HBB7770 › HBB7770 › AA38113 | TGTZ12 | UA63570 | HIPER | IPL
Total: 149, Selected: 0
Refresh
Last refresh: Jan 29, 2014 2:56:30 PM
Close
Hide

Step 4d …



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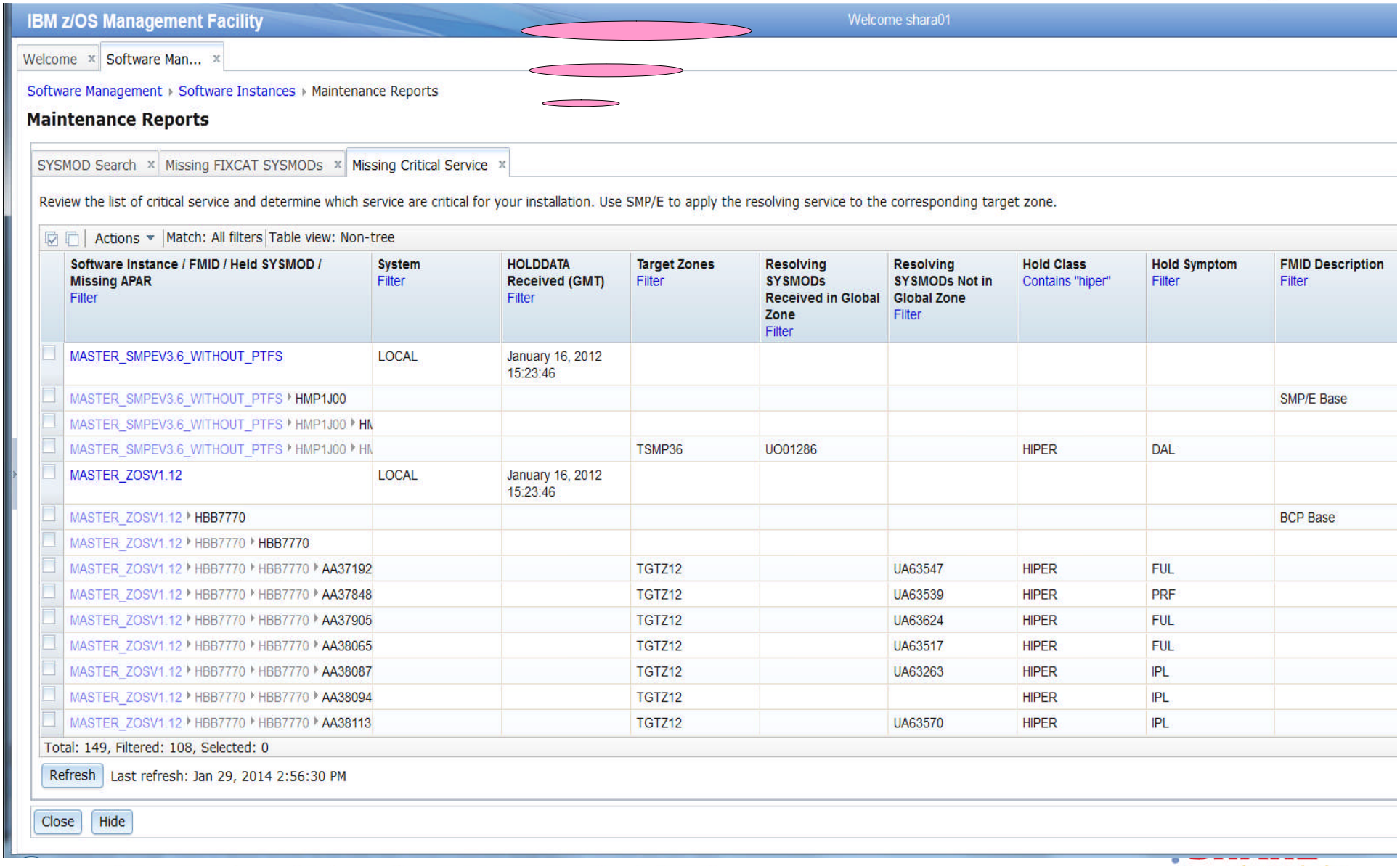
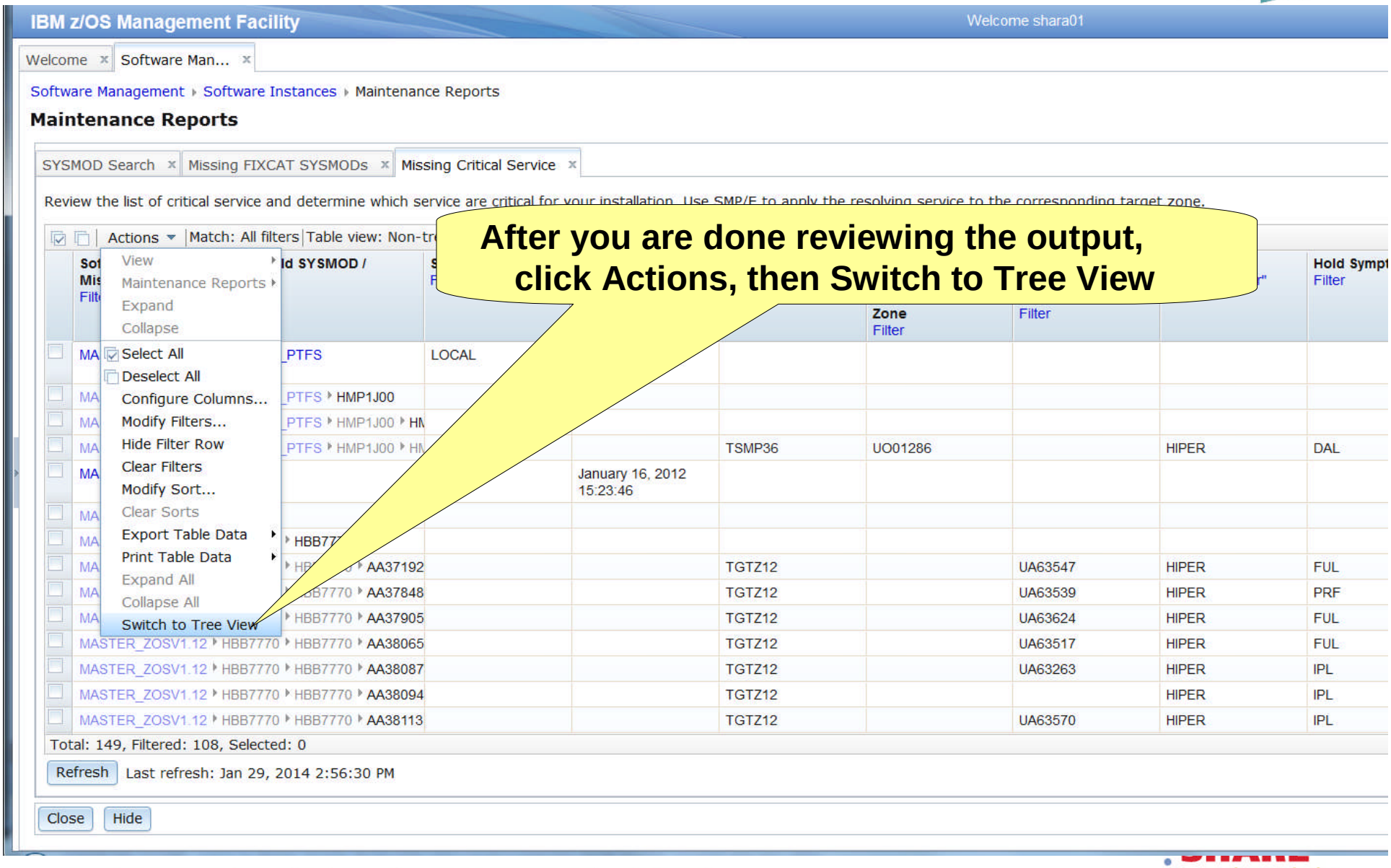
in Anaheim

The table now identifies all mising HIPER fixes.



Software Instance / FMID / Held SYSMOD / Missing APAR (Filter)	System (Filter)	HOLDDATA Received (GMT) (Filter)	Target Zones (Filter)	Resolving SYSMODs Received in Global Zone (Filter)	Resolving SYSMODs Not in Global Zone (Filter)	Hold Class (Contains "hiper")	Hold Symptom (Filter)	FMID Description (Filter)
MASTER_SMPEV3.6_WITHOUT_PTFS	LOCAL	January 16, 2012 15:23:46						
MASTER_SMPEV3.6_WITHOUT_PTFS › HMP1J00								SMP/E Base
MASTER_SMPEV3.6_WITHOUT_PTFS › HMP1J00 › HM								
MASTER_SMPEV3.6_WITHOUT_PTFS › HMP1J00 › HM			TSMP36	UO01286		HIPER	DAL	
MASTER_ZOSV1.12	LOCAL	January 16, 2012 15:23:46						
MASTER_ZOSV1.12 › HBB7770								BCP Base
MASTER_ZOSV1.12 › HBB7770 › HBB7770								
MASTER_ZOSV1.12 › HBB7770 › HBB7770 › AA37192			TGTZ12		UA63547	HIPER	FUL	
MASTER_ZOSV1.12 › HBB7770 › HBB7770 › AA37848			TGTZ12		UA63539	HIPER	PRF	
MASTER_ZOSV1.12 › HBB7770 › HBB7770 › AA37905			TGTZ12		UA63624	HIPER	FUL	
MASTER_ZOSV1.12 › HBB7770 › HBB7770 › AA38065			TGTZ12		UA63517	HIPER	FUL	
MASTER_ZOSV1.12 › HBB7770 › HBB7770 › AA38087			TGTZ12		UA63263	HIPER	IPL	
MASTER_ZOSV1.12 › HBB7770 › HBB7770 › AA38094			TGTZ12			HIPER	IPL	
MASTER_ZOSV1.12 › HBB7770 › HBB7770 › AA38113			TGTZ12		UA63570	HIPER	IPL	

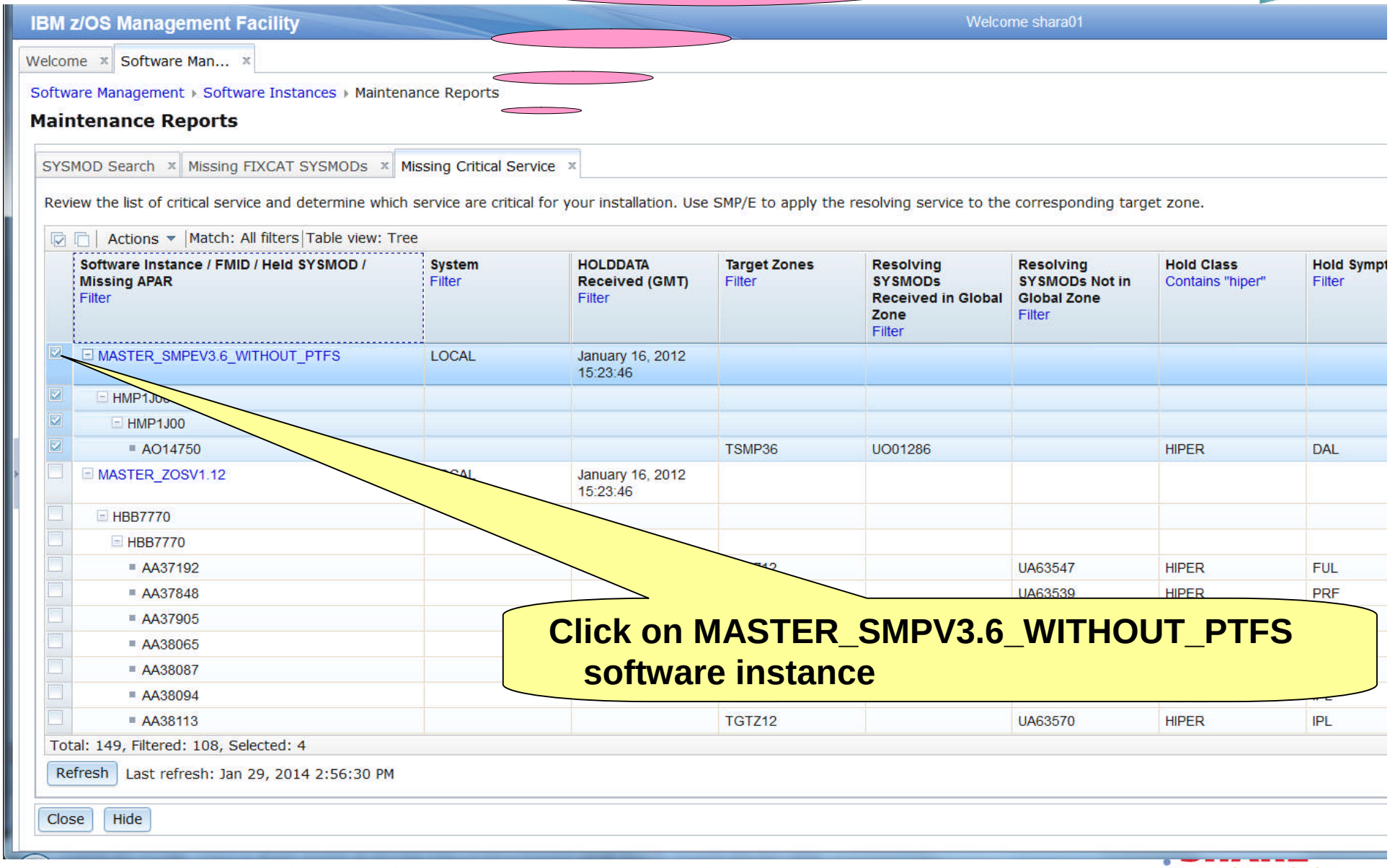
Step 4d …



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

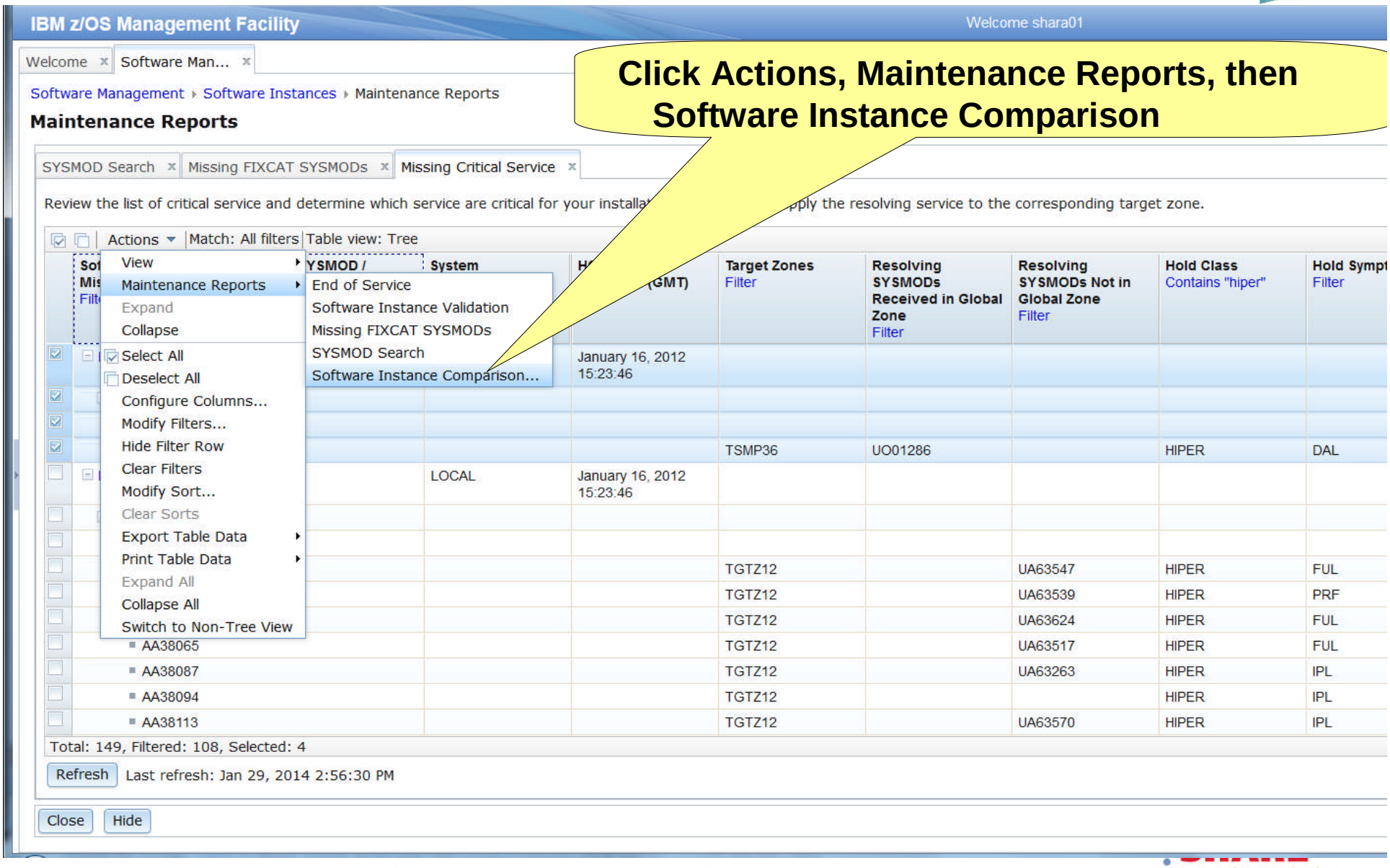
Step 4e: Report on “Master” Software Instances’ Instance Comparison

You will now run a report on a single software instance



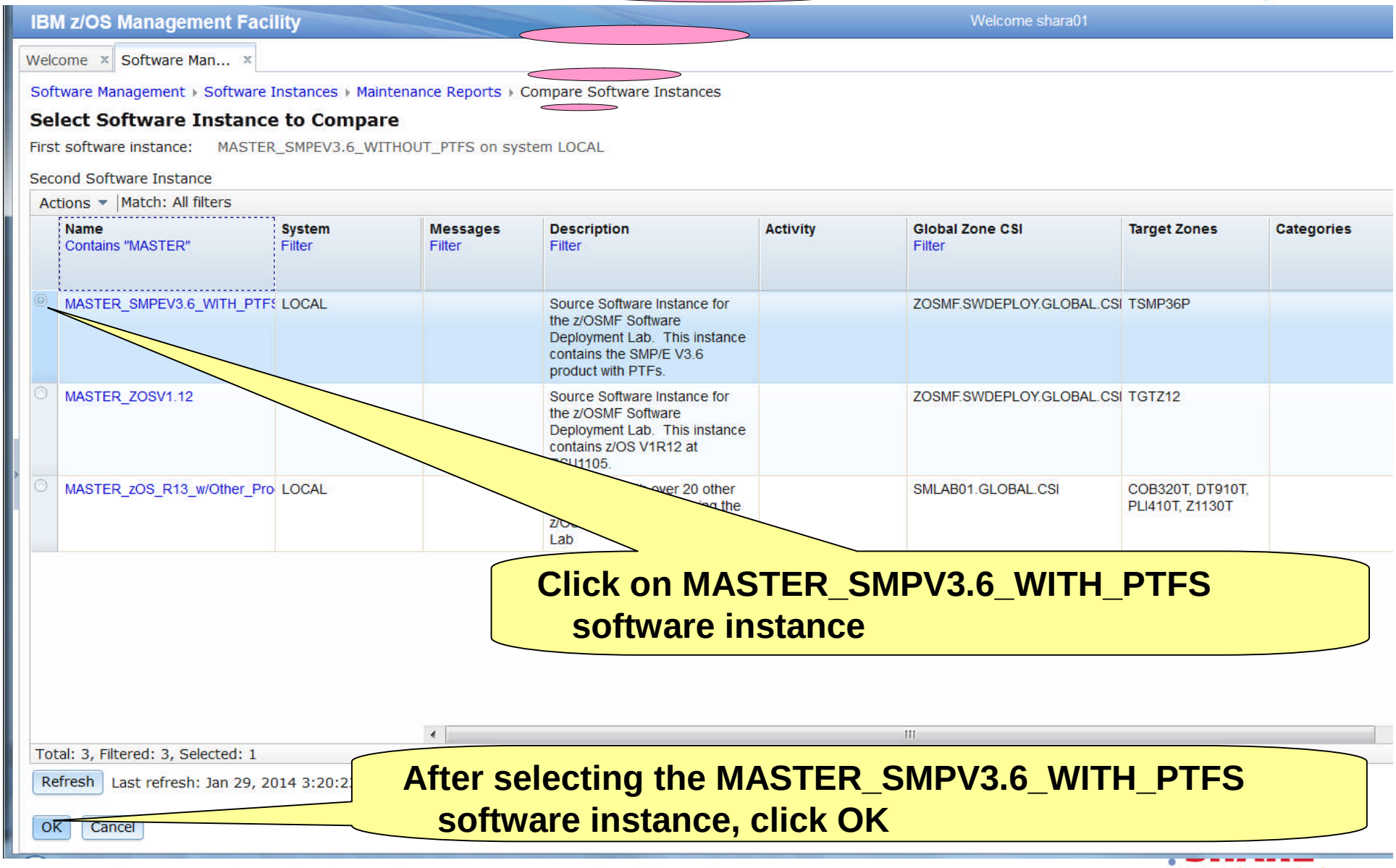
Complete your session evaluations online at www.SHARE.org/AnaheimEval
in Anaheim

Step 4e …


IBM z/OS Management Facility
Welcome shara01
Welcome
Software Man...
Software Management ▸ Software Instances ▸ Maintenance Reports
Maintenance Reports
Click Actions, Maintenance Reports, then Software Instance Comparison
SYSMOD Search
Missing FIXCAT SYSMODs
Missing Critical Service
Review the list of critical service and determine which service are critical for your installa
pply the resolving service to the corresponding target zone.
Actions
Match: All filters
Table view: Tree
View
Maintenance Reports
Expand
Collapse
Select All
Deselect All
Configure Columns...
Modify Filters...
Hide Filter Row
Clear Filters
Modify Sort...
Clear Sorts
Export Table Data
Print Table Data
Expand All
Collapse All
Switch to Non-Tree View
End of Service
Software Instance Validation
Missing FIXCAT SYSMODs
SYSMOD Search
Software Instance Comparison...
YSMOD /
System
(GMT)
Target Zones
Filter
Resolving SYSMODs Received in Global Zone
Filter
Resolving SYSMODs Not in Global Zone
Filter
Hold Class
Contains "hiper"
Hold Sympt
Filter
January 16, 2012 15:23:46
TSMP36
UO01286
HIPER
DAL
LOCAL
January 16, 2012 15:23:46
TGTZ12
UA63547
HIPER
FUL
TGTZ12
UA63539
HIPER
PRF
TGTZ12
UA63624
HIPER
FUL
AA38065
TGTZ12
UA63517
HIPER
FUL
AA38087
TGTZ12
UA63263
HIPER
IPL
AA38094
TGTZ12
HIPER
IPL
AA38113
TGTZ12
UA63570
HIPER
IPL
Total: 149, Filtered: 108, Selected: 4
Refresh
Last refresh: Jan 29, 2014 2:56:30 PM
Close
Hide

Step

Now you have to identify the software instance to compare to

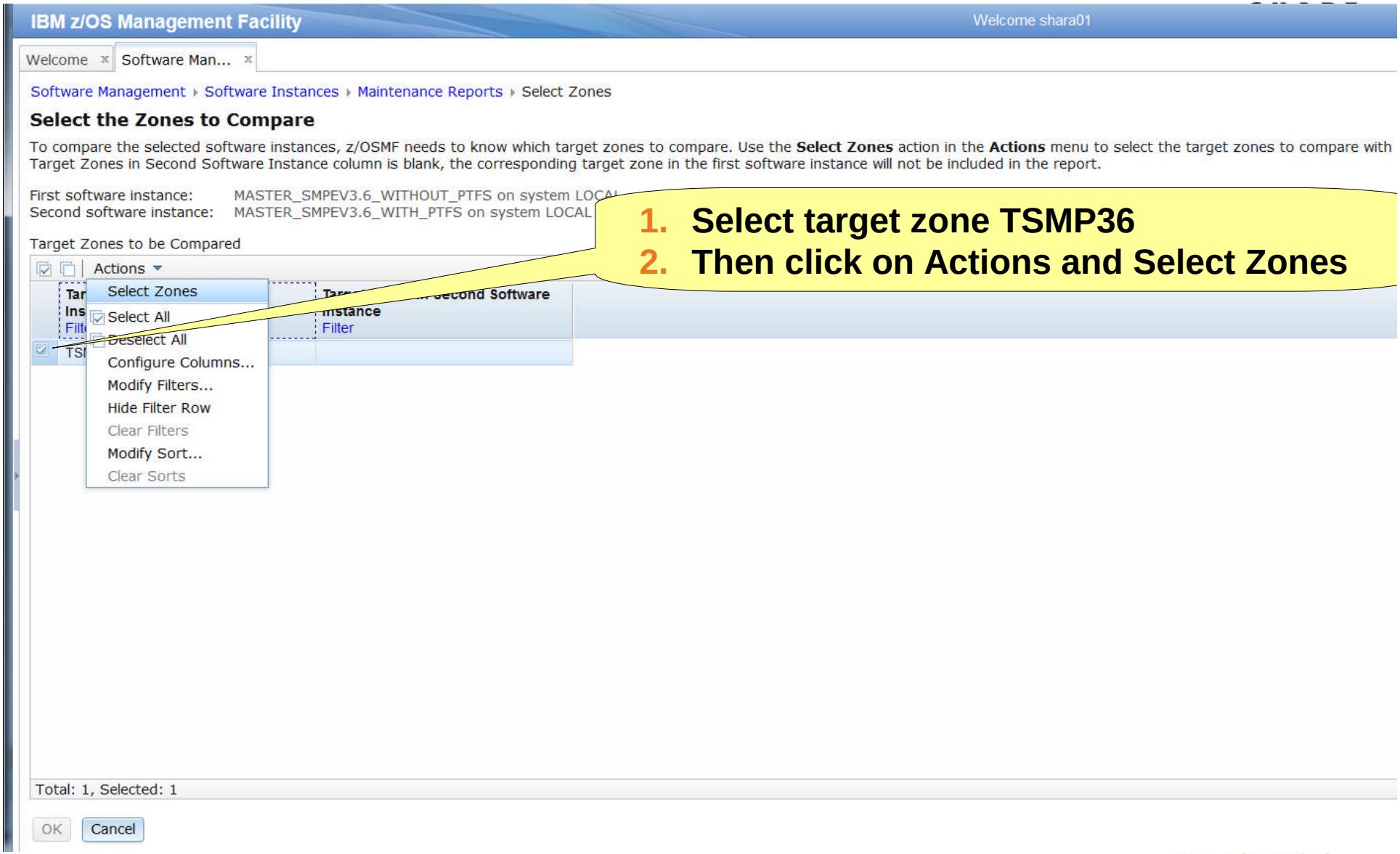


Click on MASTER_SMPV3.6_WITH_PTFS software instance

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

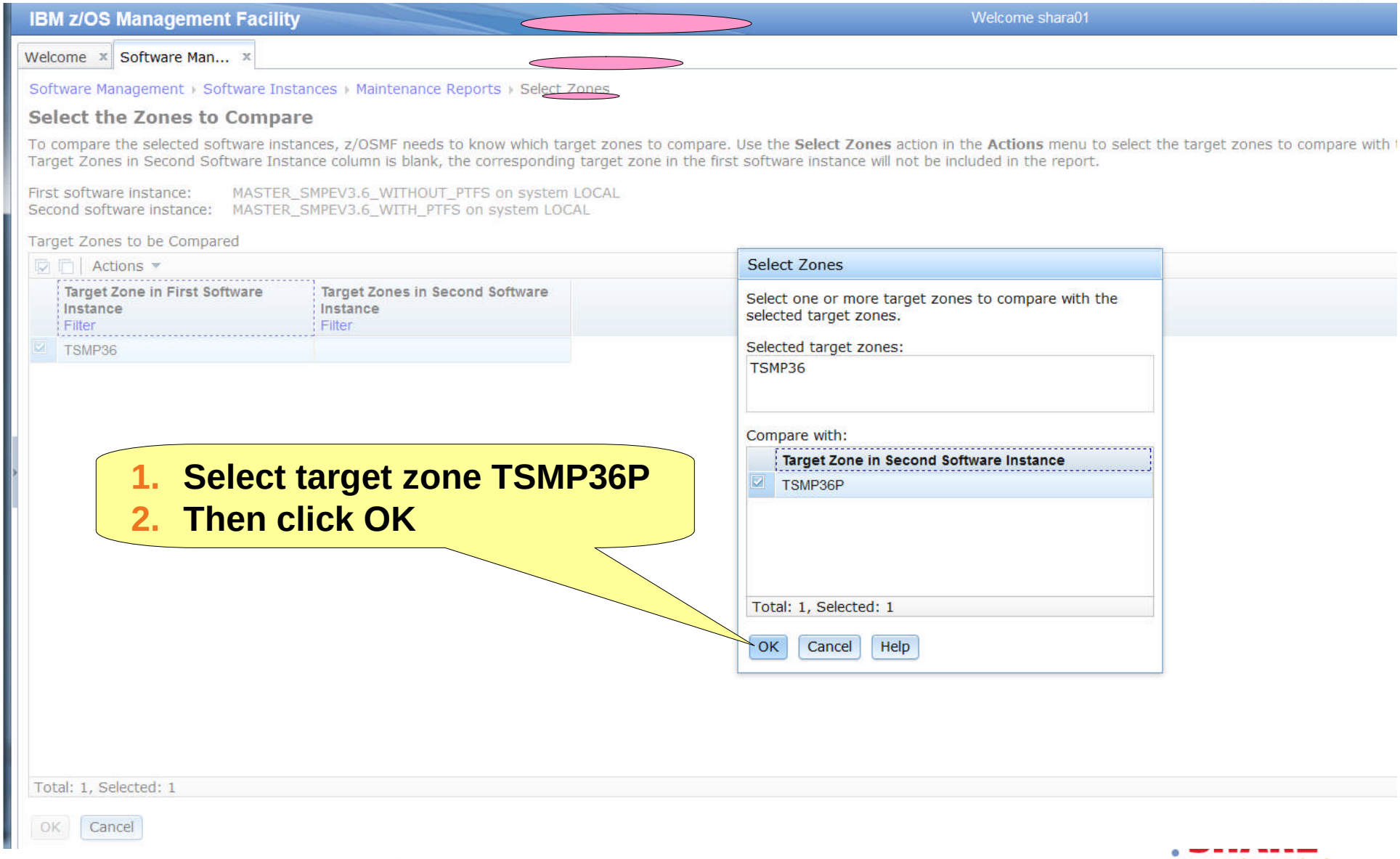
Complete your session evaluations online at www.SHARE.org/AnaheimEval

Step 4e …



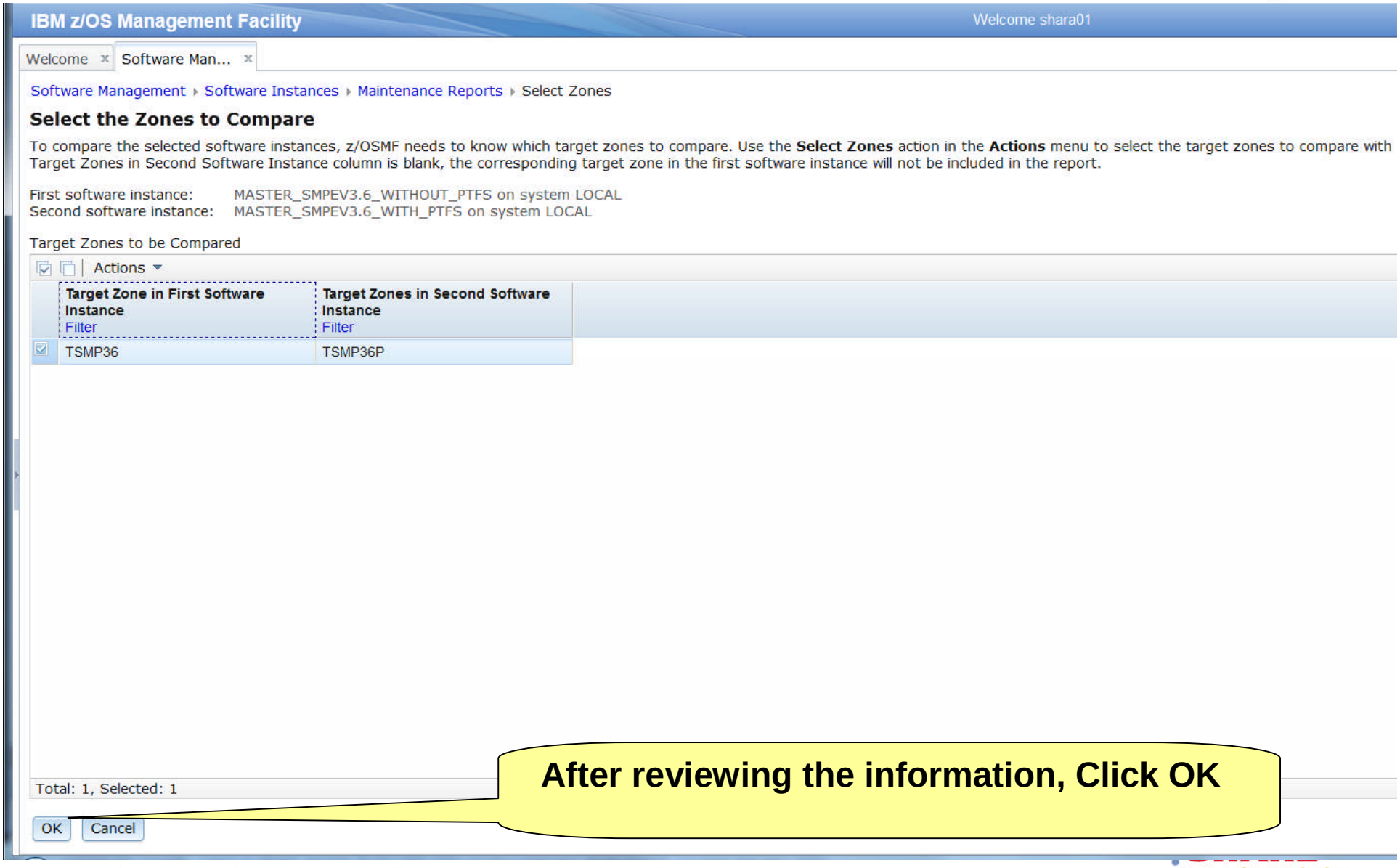
Complete your session evaluations online at www.SHARE.org/AnaheimEval
in Anaheim

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

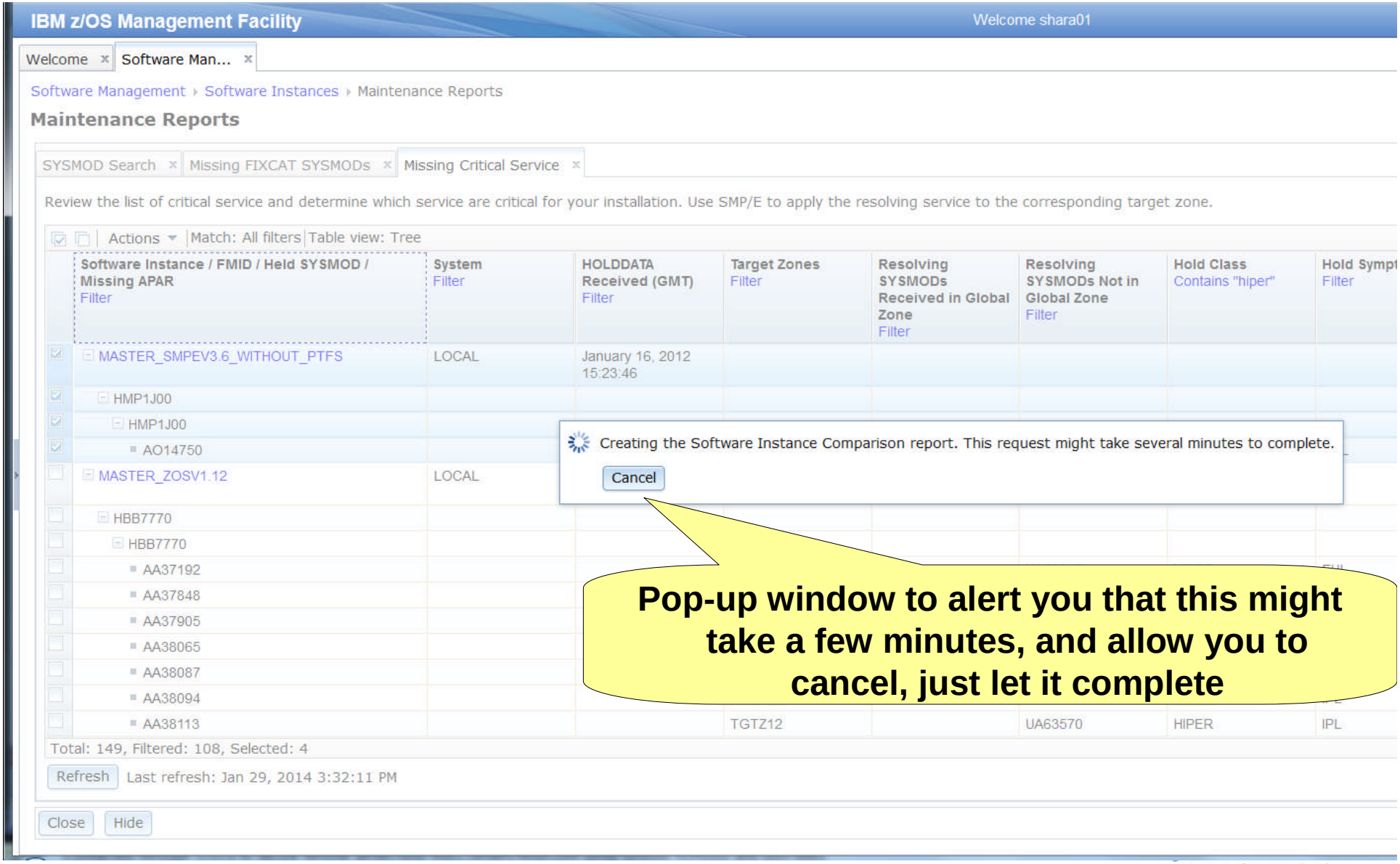


Complete your session evaluations online at www.SHARE.org/AnaheimEval

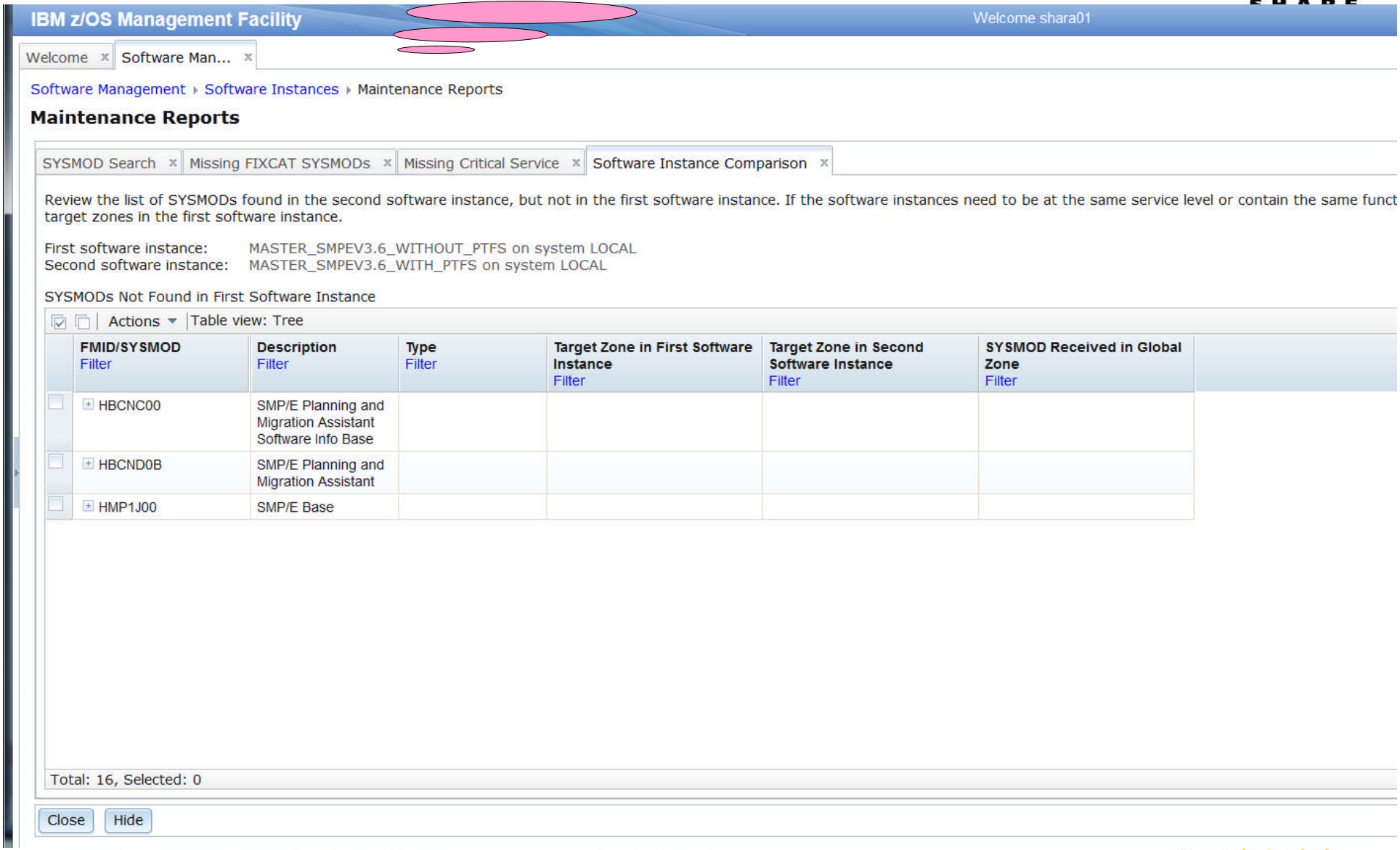
Step 4e …


IBM z/OS Management Facility
Welcome shara01
Welcome
Software Man...
Software Management ▸ Software Instances ▸ Maintenance Reports ▸ Select Zones
Select the Zones to Compare
To compare the selected software instances, z/OSMF needs to know which target zones to compare. Use the Select Zones action in the Actions menu to select the target zones to compare with Target Zones in Second Software Instance column is blank, the corresponding target zone in the first software instance will not be included in the report.
First software instance: MASTER_SMPEV3.6_WITHOUT_PTFS on system LOCAL
Second software instance: MASTER_SMPEV3.6_WITH_PTFS on system LOCAL
Target Zones to be Compared
Actions
Target Zone in First Software Instance
Filter
Target Zones in Second Software Instance
Filter
TSMP36
TSMP36P
Total: 1, Selected: 1
OK
Cancel
After reviewing the information, Click OK

Step 4e …

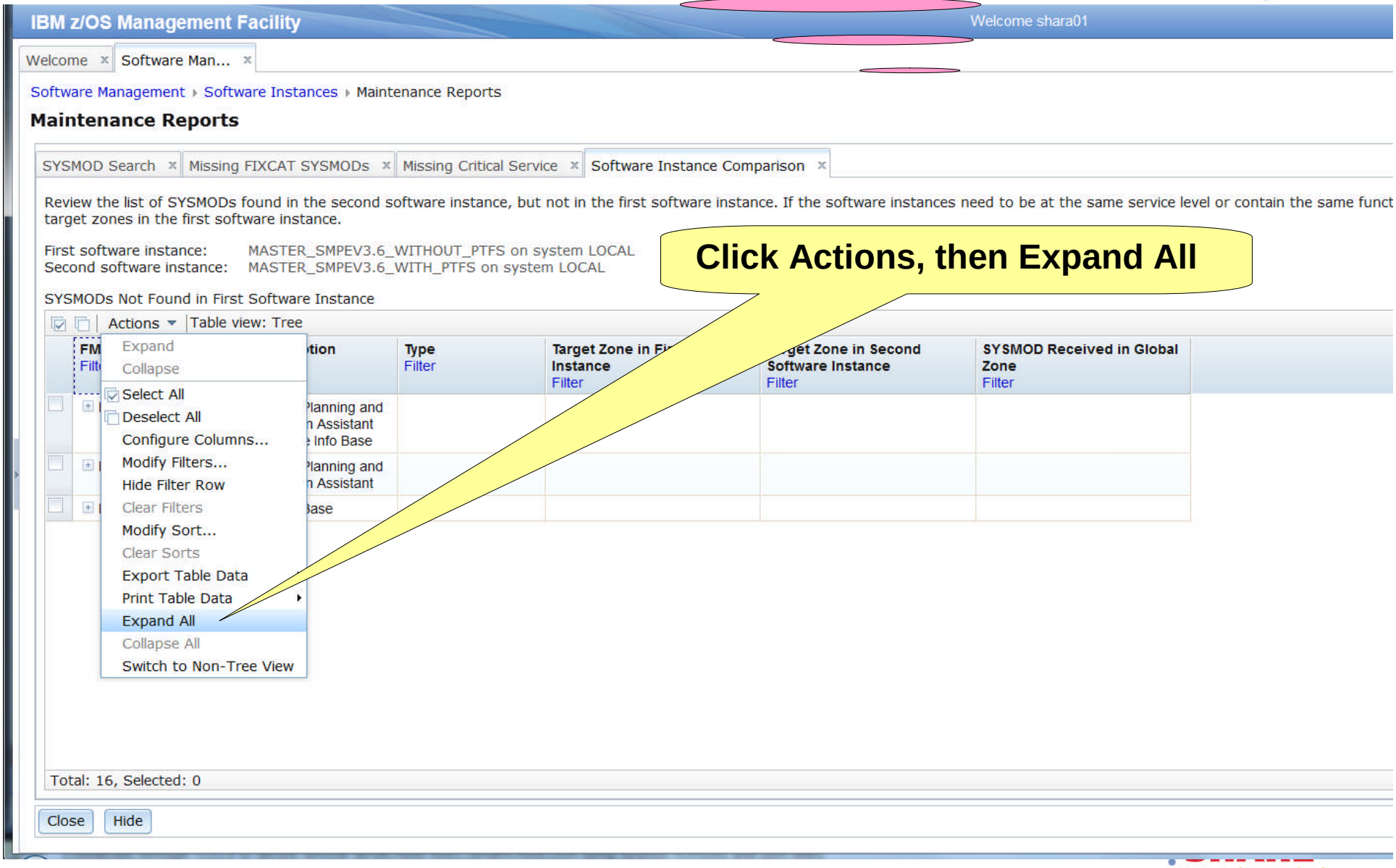

IBM z/OS Management Facility
Welcome shara01
Welcome
Software Man...
Software Management › Software Instances › Maintenance Reports
Maintenance Reports
SYSMOD Search
Missing FIXCAT SYSMODs
Missing Critical Service
Review the list of critical service and determine which service are critical for your installation. Use SMP/E to apply the resolving service to the corresponding target zone.
Actions
Match: All filters
Table view: Tree
Software Instance / FMID / Held SYSMOD / Missing APAR
System
HOLDDATA Received (GMT)
Target Zones
Resolving SYSMODs Received in Global Zone
Resolving SYSMODs Not in Global Zone
Hold Class
Hold Sympt
Filter
Contains "hiper"
MASTER_SMPEV3.6_WITHOUT_PTFS
LOCAL
January 16, 2012 15:23:46
HMP1J00
AO14750
MASTER_ZOSV1.12
HBB7770
AA37192
AA37848
AA37905
AA38065
AA38087
AA38094
AA38113
TGTZ12
UA63570
HIPER
IPL
Creating the Software Instance Comparison report. 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, just let it complete
Total: 149, Filtered: 108, Selected: 4
Refresh
Last refresh: Jan 29, 2014 3:32:11 PM
Close
Hide

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



Step 4e ...

Notice that a fourth tab was created under Maintenance Reports.



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

SYSMOD Search | Missing FIXCAT SYSMODs | Missing … | … Instance Comparison

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

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

SYSMODs Not Found in First Software Instance

Actions | Table view: Tree

FMID/SYSMOD Filter	Description Filter	Type Filter	Target Zone in First Software Instance Filter	Target Zone in Second Software Instance Filter	SYSMOD Received in Global Zone Filter
HBCNC00	SMP/E Planning and Migration Assistant Software Info Base				
UO01301		PTF	TSMP36	TSMP36P	No
HBCND0B	SMP/E Planning and Migration Assistant				
UO01185		PTF	TSMP36	TSMP36P	No
UO01268		PTF	TSMP36	TSMP36P	No
UR53091		PTF	TSMP36	TSMP36P	No
HMP1J00	SMP/E Base				
UAPTF01		USERMOD	TSMP36	TSMP36P	No
UO01198		PTF	TSMP36	TSMP36P	No
UO01245		PTF	TSMP36	TSMP36P	No
UO01247		PTF	TSMP36	TSMP36P	No
UO01253		PTF	TSMP36	TSMP36P	No
UO01264		PTF	TSMP36	TSMP36P	No

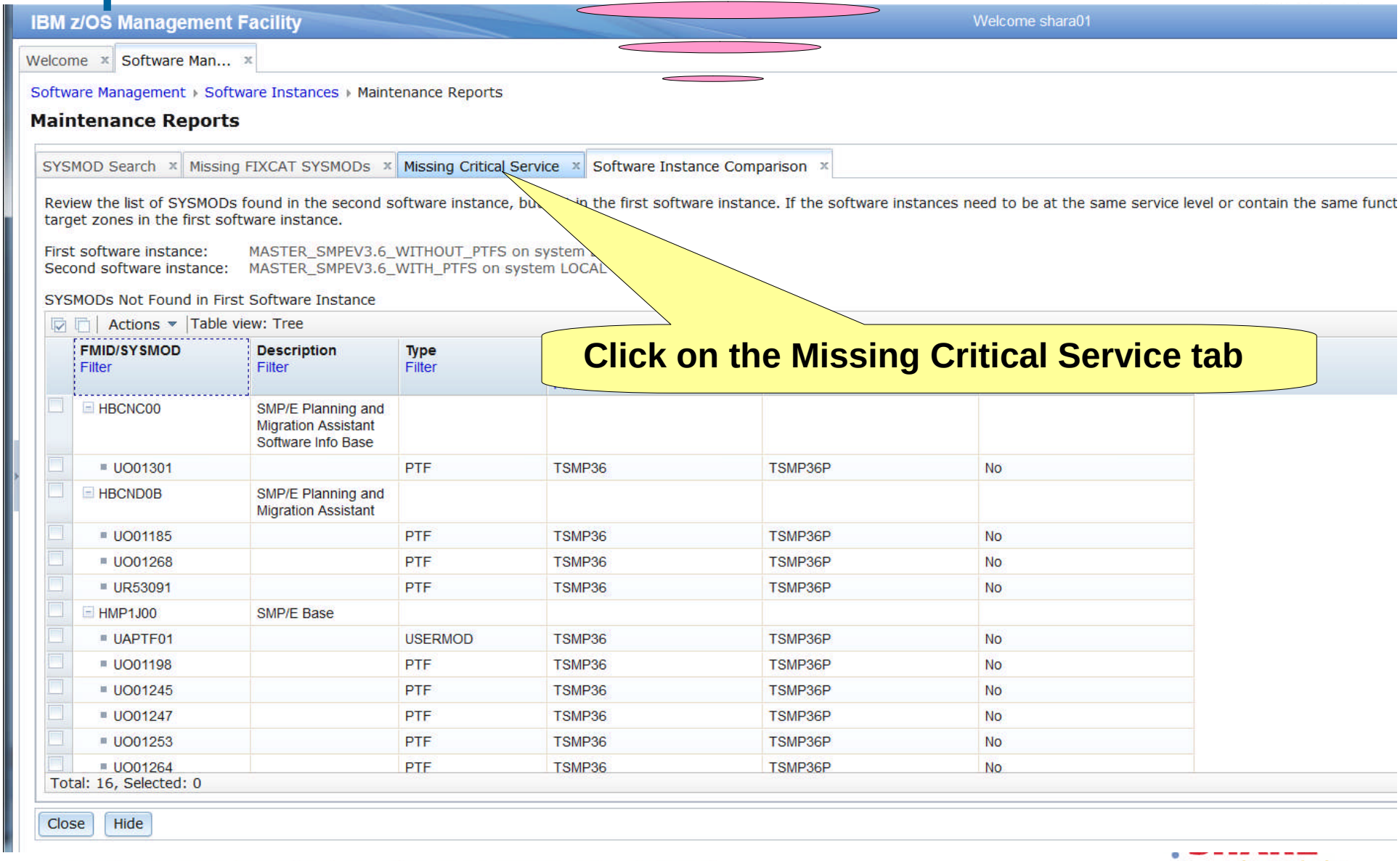
Total: 16, Selected: 0

Close Hide

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

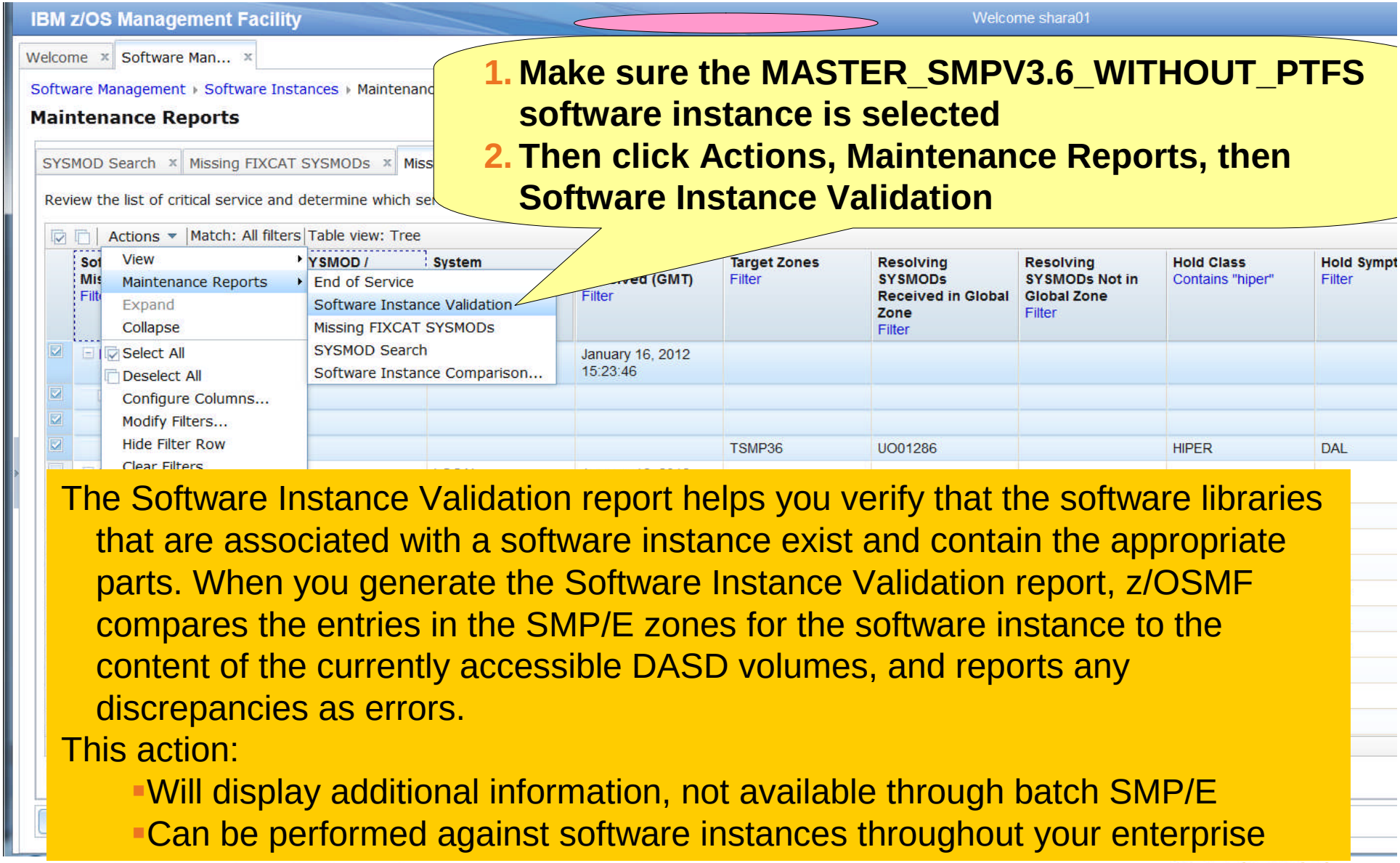
To prepare for the next report, you will go back to the Missing Critical Service tab

Step 4f



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

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



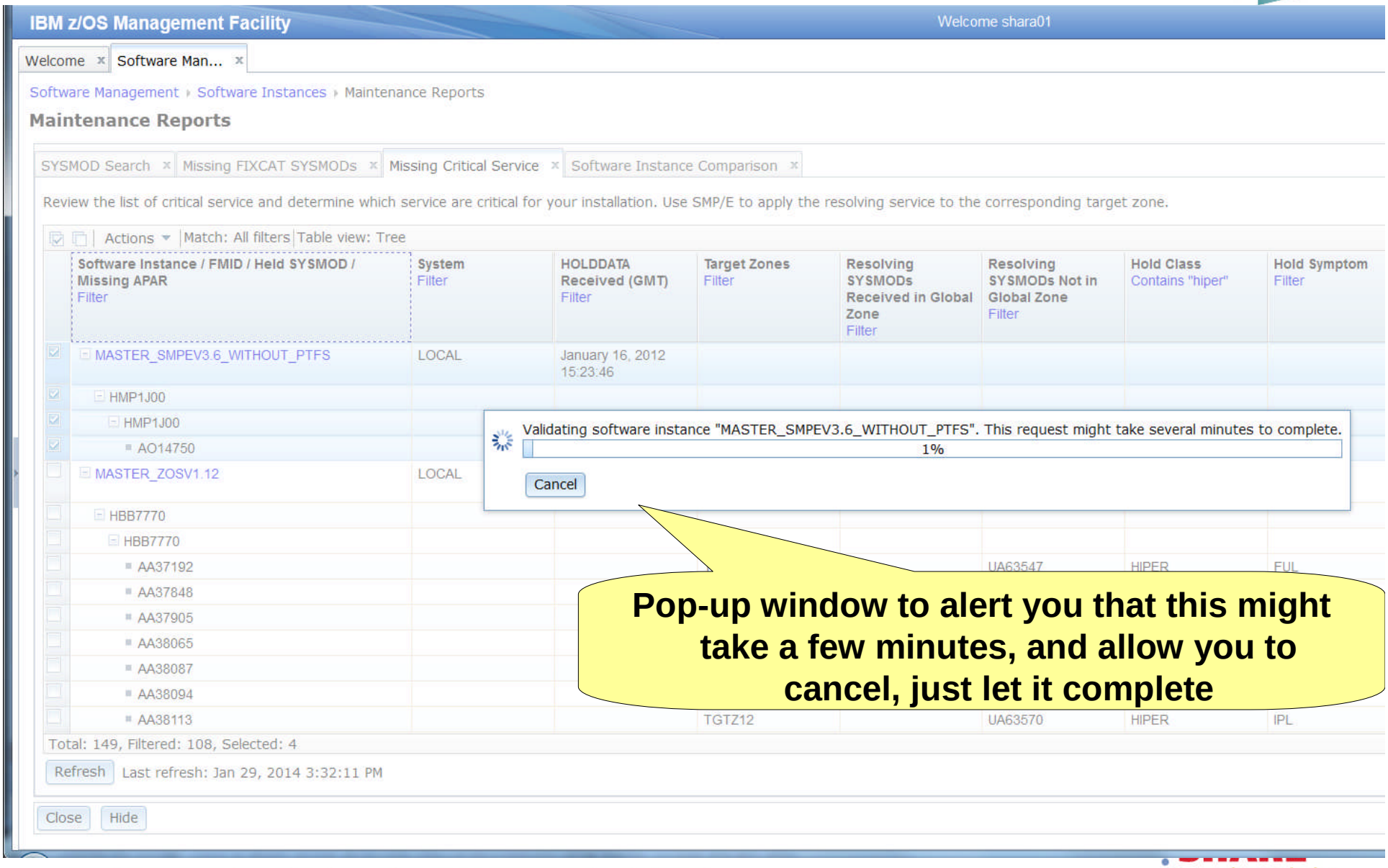
1. **Make sure the MASTER_SMPV3.6_WITHOUT_PTFS software instance is selected**
2. **Then click Actions, Maintenance Reports, then Software Instance Validation**

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

This action:

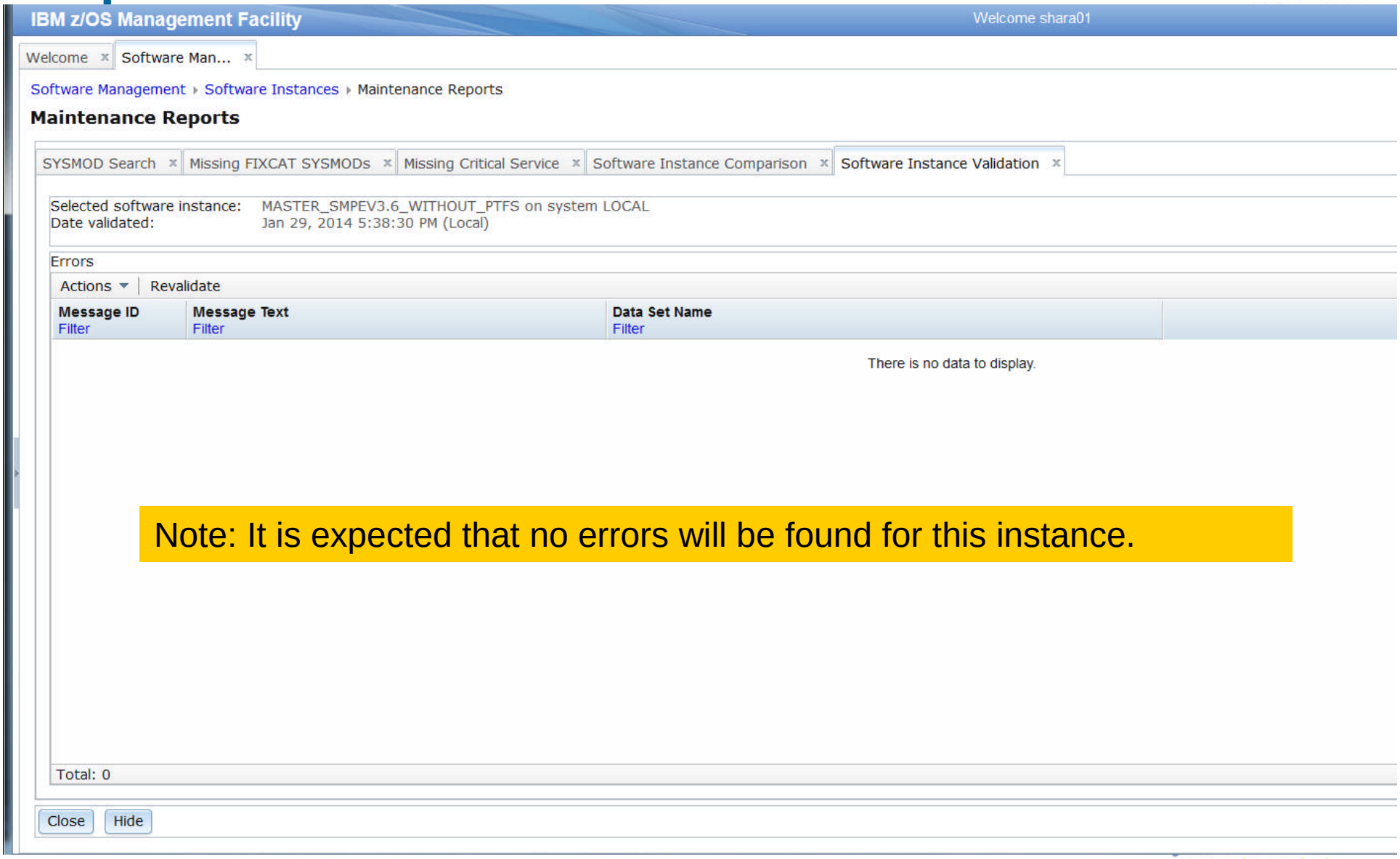
- Will display additional information, not available through batch SMP/E
- Can be performed against software instances throughout your enterprise

Step 4f …


IBM z/OS Management Facility
Welcome shara01
Welcome
Software Man...
Software Management › Software Instances › Maintenance Reports
Maintenance Reports
SYSMOD Search
Missing FIXCAT SYSMODs
Missing Critical Service
Software Instance Comparison
Review the list of critical service and determine which service are critical for your installation. Use SMP/E to apply the resolving service to the corresponding target zone.
Actions
Match: All filters
Table view: Tree
Software Instance / FMID / Held SYSMOD / Missing APAR
System
HOLDDATA Received (GMT)
Target Zones
Resolving SYSMODs Received in Global Zone
Resolving SYSMODs Not in Global Zone
Hold Class
Hold Symptom
MASTER_SMPEV3.6_WITHOUT_PTFS
LOCAL
January 16, 2012 15:23:46
HMP1J00
AO14750
MASTER_ZOSV1.12
HBB7770
AA37192
AA37848
AA37905
AA38065
AA38087
AA38094
AA38113
TGTZ12
UA63570
HIPER
IPL
Validating software instance "MASTER_SMPEV3.6_WITHOUT_PTFS". This request might take several minutes to complete.
1%
Cancel
Pop-up window to alert you that this might take a few minutes, and allow you to cancel, just let it complete
Total: 149, Filtered: 108, Selected: 4
Refresh
Last refresh: Jan 29, 2014 3:32:11 PM
Close
Hide

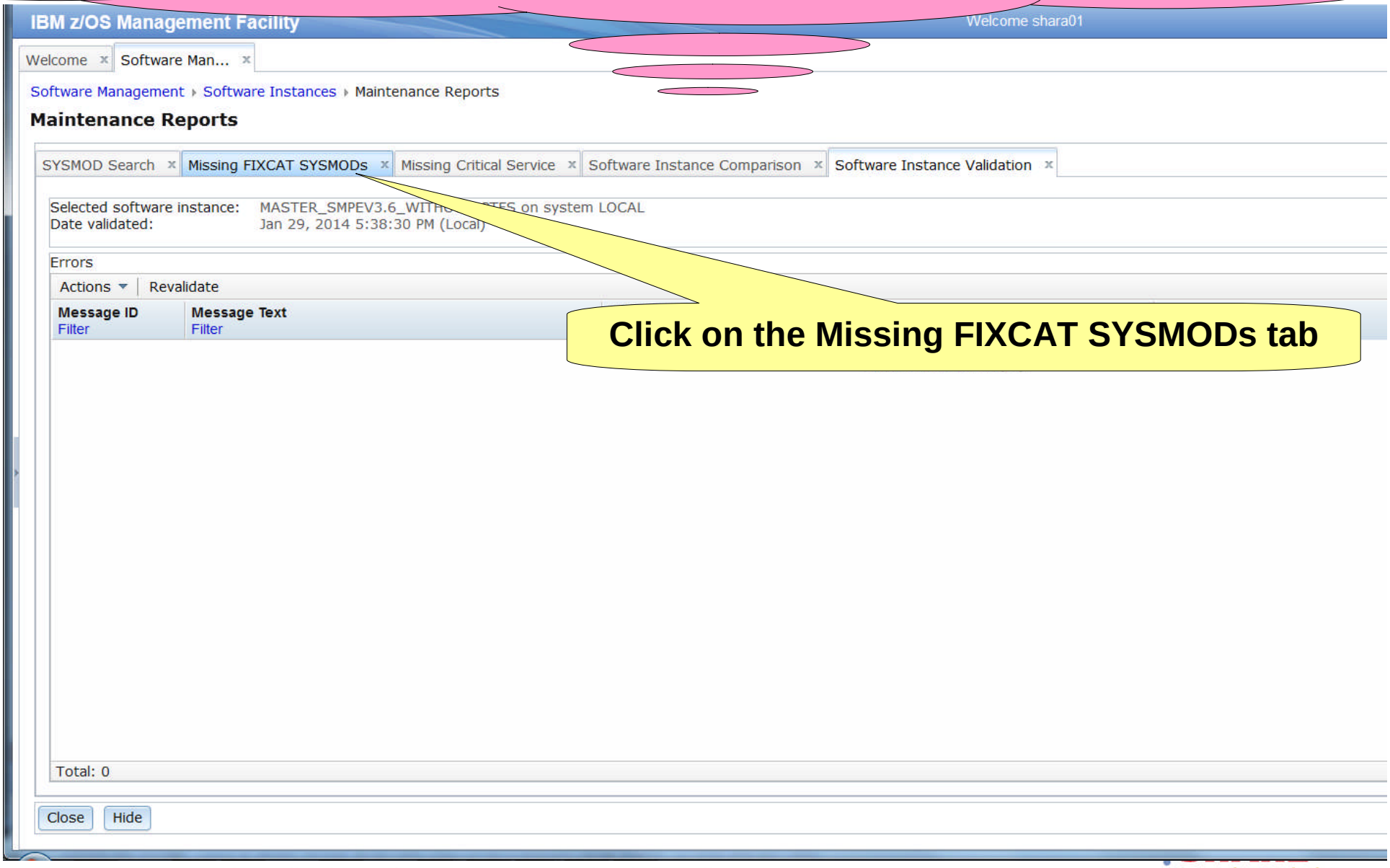
The results are displayed.

Step 4f …

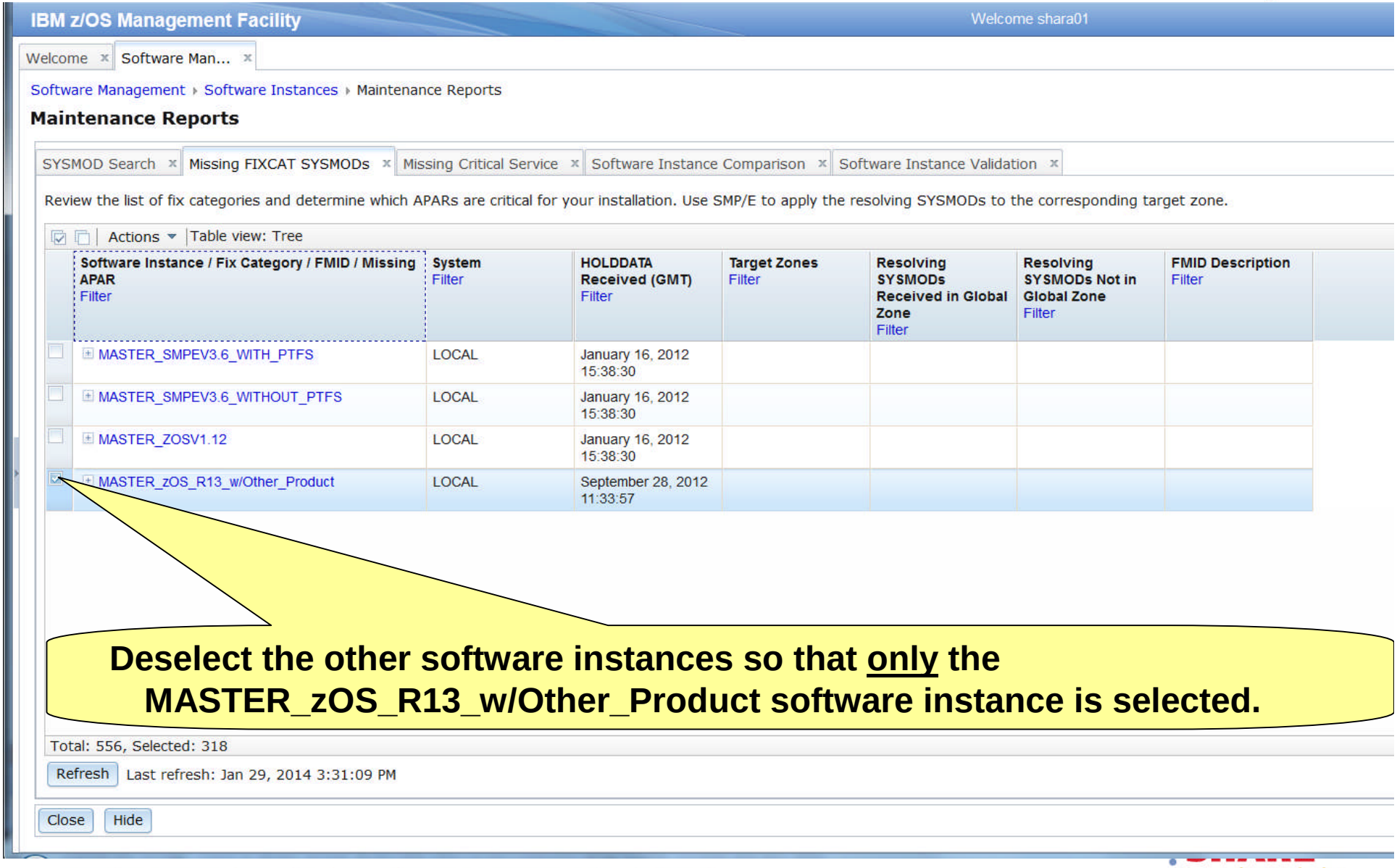


Note: It is expected that no errors will be found for this instance.

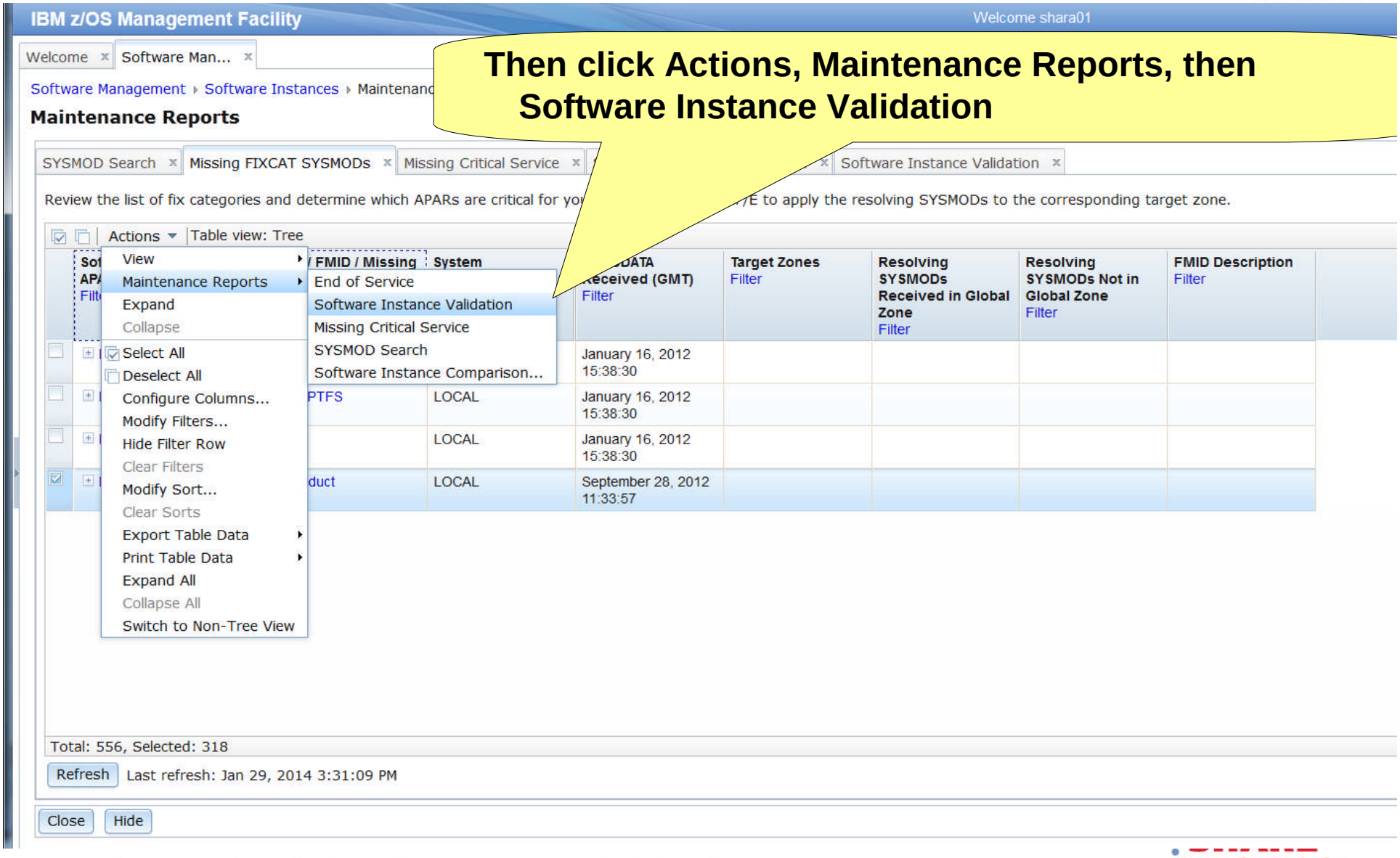
To prepare for the more complex instance validation, you will need to go back to the Missing FIXCAT SYSMODs tab



Step 4f …

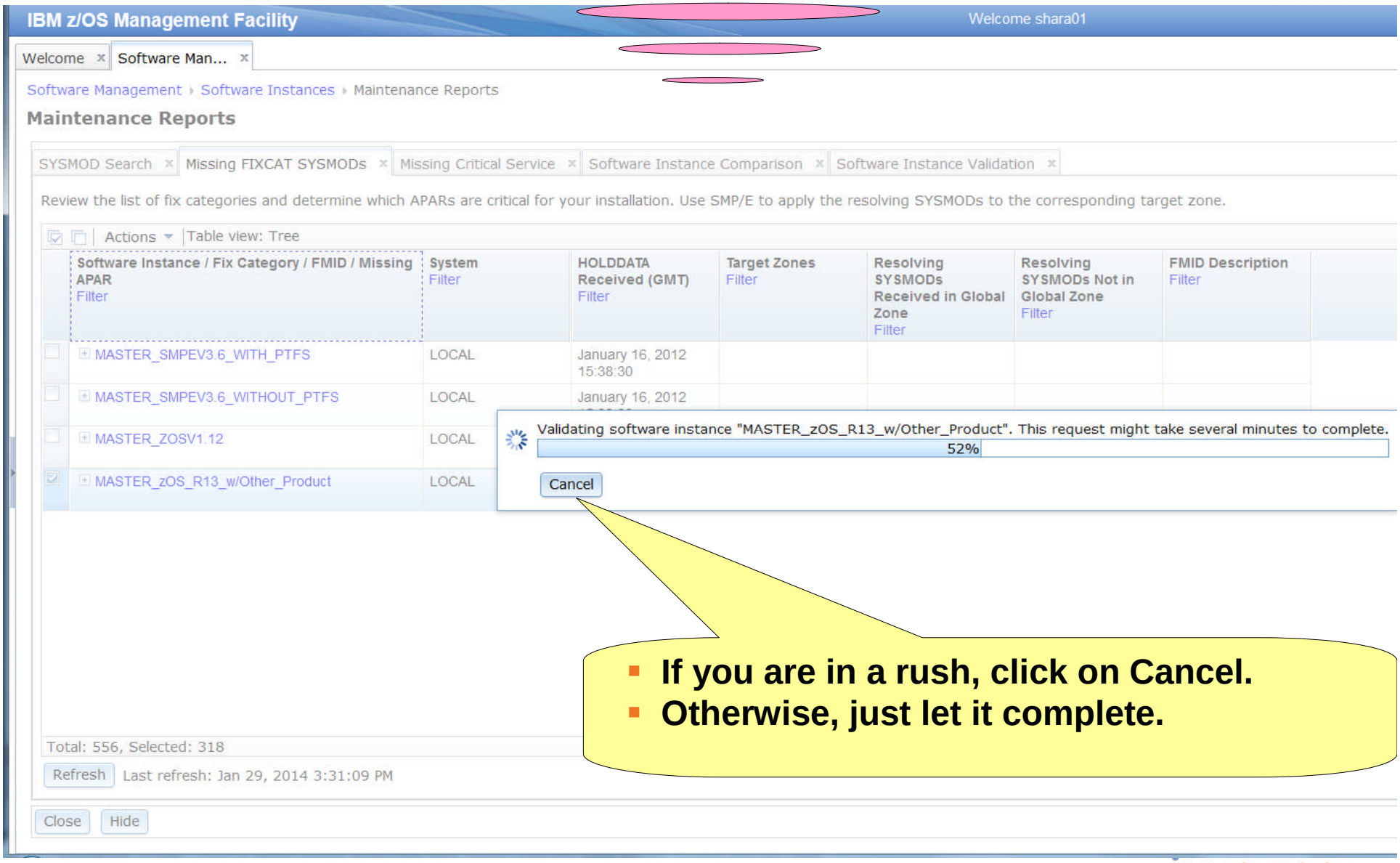

IBM z/OS Management Facility
Welcome shara01
Welcome
Software Man...
Software Management
Software Instances
Maintenance Reports
Maintenance Reports
SYSMOD Search
Missing FIXCAT SYSMODs
Missing Critical Service
Software Instance Comparison
Software Instance Validation
Review the list of fix categories and determine which APARs are critical for your installation. Use SMP/E to apply the resolving SYSMODs to the corresponding target zone.
Actions
Table view: Tree
Software Instance / Fix Category / FMID / Missing APAR
Filter
System
Filter
HOLDDATA Received (GMT)
Filter
Target Zones
Filter
Resolving SYSMODs Received in Global Zone
Filter
Resolving SYSMODs Not in Global Zone
Filter
FMID Description
Filter
MASTER_SMPEV3.6_WITH_PTFS
LOCAL
January 16, 2012 15:38:30
MASTER_SMPEV3.6_WITHOUT_PTFS
LOCAL
January 16, 2012 15:38:30
MASTER_ZOSV1.12
LOCAL
January 16, 2012 15:38:30
MASTER_zOS_R13_w/Other_Product
LOCAL
September 28, 2012 11:33:57
Deselect the other software instances so that only the MASTER_zOS_R13_w/Other_Product software instance is selected.
Total: 556, Selected: 318
Refresh
Last refresh: Jan 29, 2014 3:31:09 PM
Close
Hide

Step 4f …


IBM z/OS Management Facility
Welcome shara01
Welcome
Software Man...
Software Management
Software Instances
Maintenanc
Maintenance Reports
Then click Actions, Maintenance Reports, then Software Instance Validation
SYSMOD Search
Missing FIXCAT SYSMODs
Missing Critical Service
Software Instance Validation
Review the list of fix categories and determine which APARs are critical for yo
/E to apply the resolving SYSMODs to the corresponding target zone.
Actions
Table view: Tree
View
Maintenance Reports
Expand
Collapse
Select All
Deselect All
Configure Columns...
Modify Filters...
Hide Filter Row
Clear Filters
Modify Sort...
Clear Sorts
Export Table Data
Print Table Data
Expand All
Collapse All
Switch to Non-Tree View
End of Service
Software Instance Validation
Missing Critical Service
SYSMOD Search
Software Instance Comparison...
FMID / Missing
System
DATA Received (GMT)
Filter
Target Zones
Filter
Resolving SYSMODs Received in Global Zone
Filter
Resolving SYSMODs Not in Global Zone
Filter
FMID Description
Filter
January 16, 2012 15:38:30
PTFS
LOCAL
January 16, 2012 15:38:30
LOCAL
January 16, 2012 15:38:30
duct
LOCAL
September 28, 2012 11:33:57
Total: 556, Selected: 318
Refresh
Last refresh: Jan 29, 2014 3:31:09 PM
Close
Hide

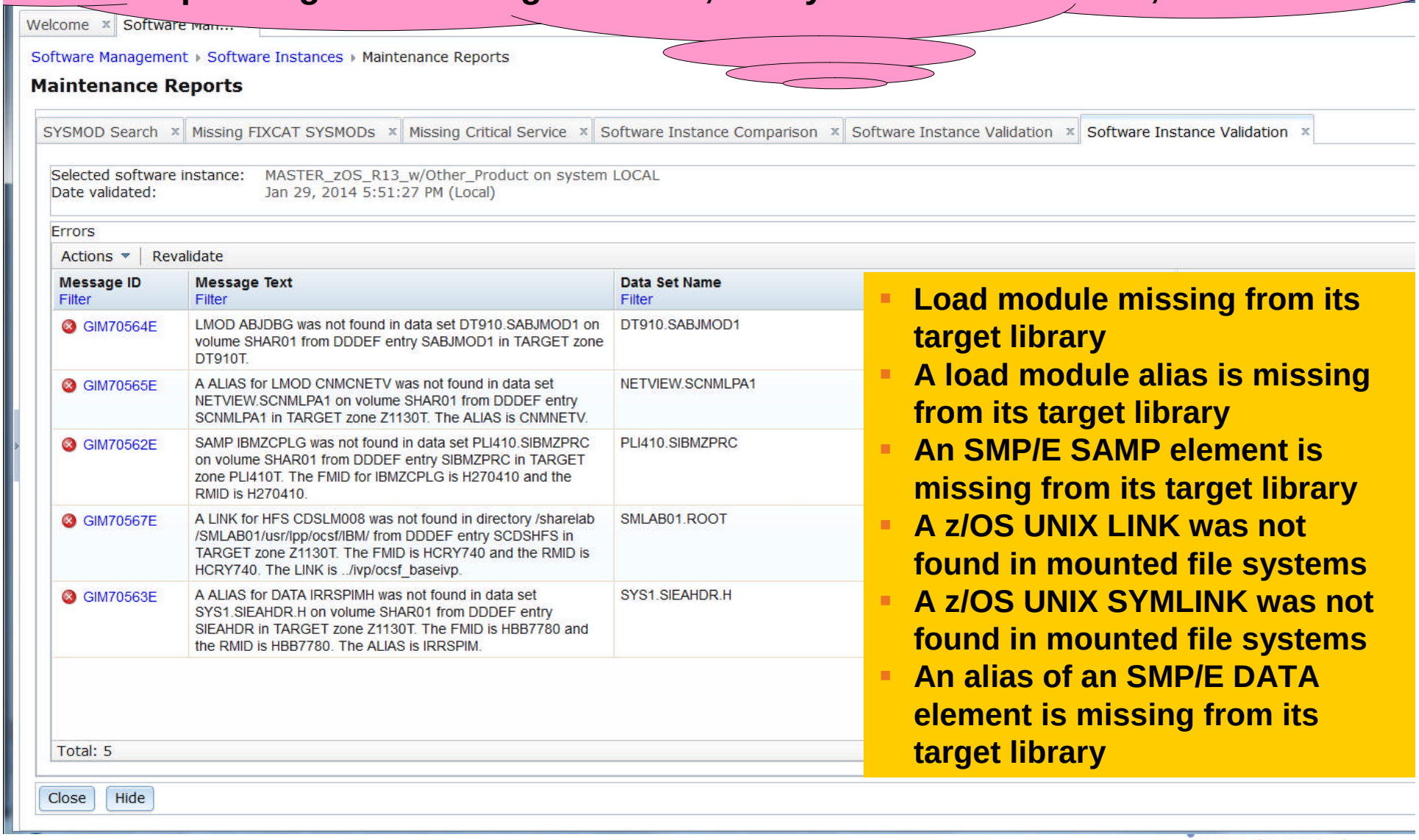
Step 4f …

This validation will take a few minutes to complete



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

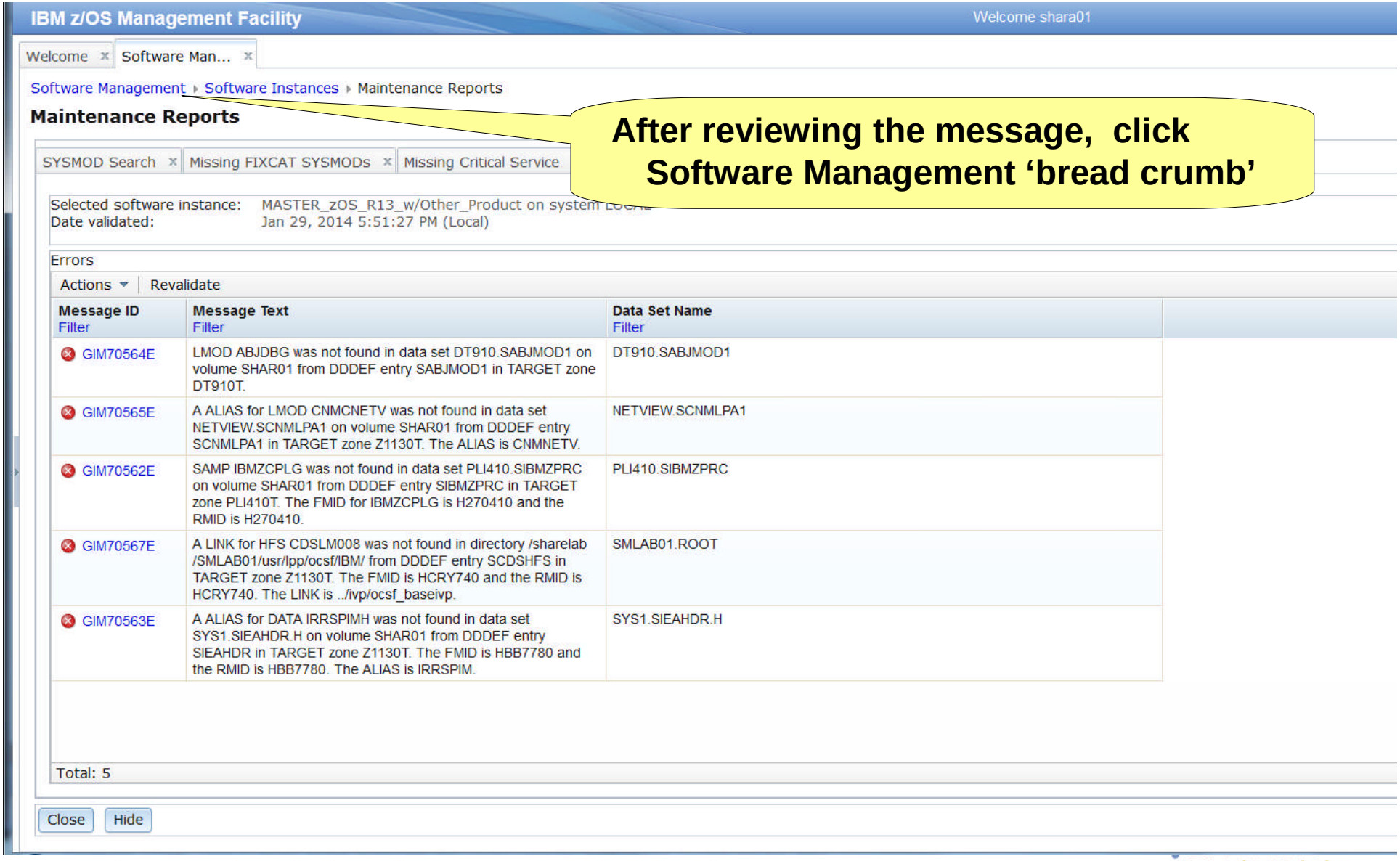
Note: Errors were introduced in the software instance to show errors. The kinds of validation errors that are identified include DDDEFs pointing to the wrong data sets, file systems not mounted, or …



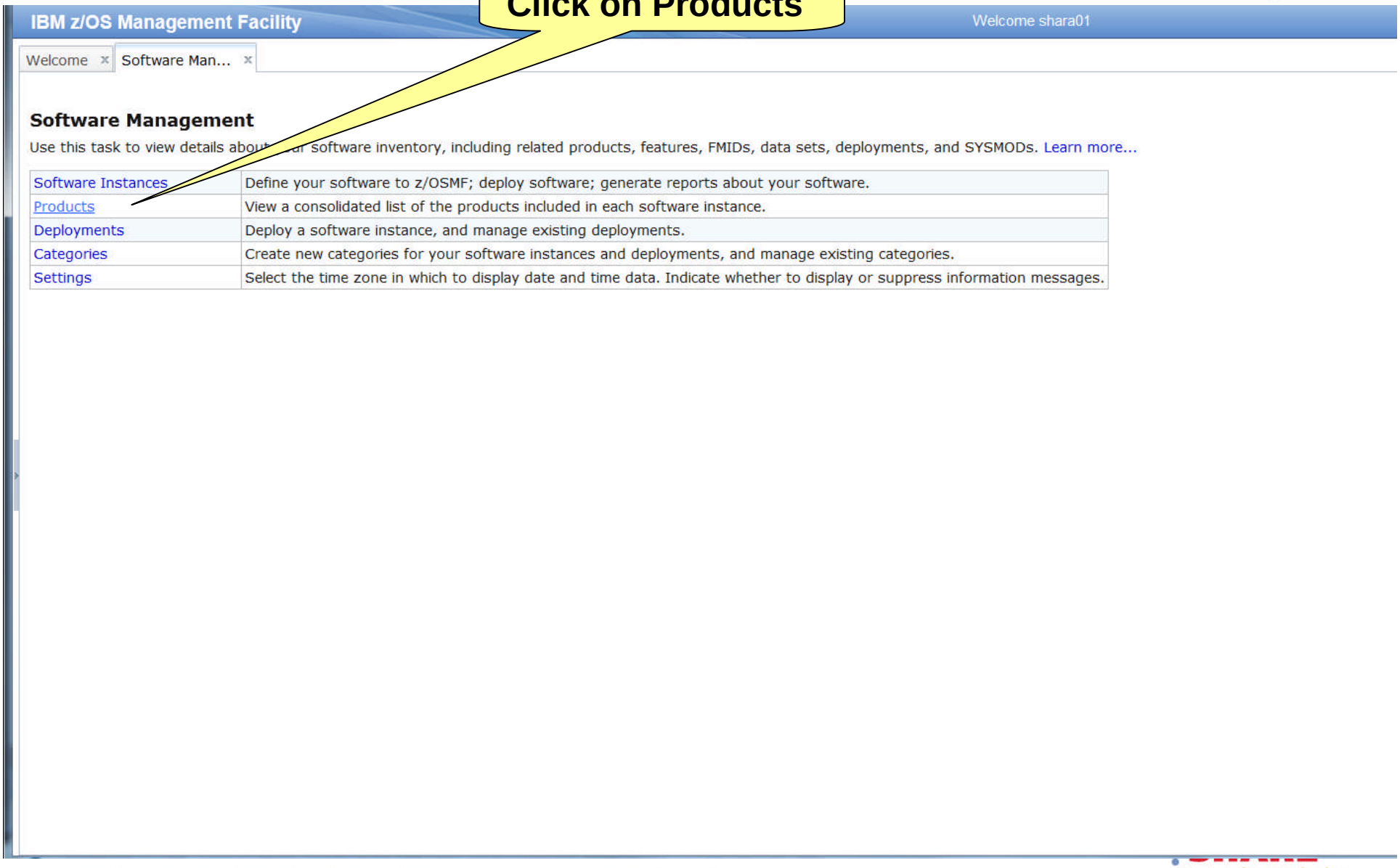
- **Load module missing from its target library**
- **A load module alias is missing from its target library**
- **An SMP/E SAMP element is missing from its target library**
- **A z/OS UNIX LINK was not found in mounted file systems**
- **A z/OS UNIX SYMLINK was not found in mounted file systems**
-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

Step 5: View Products

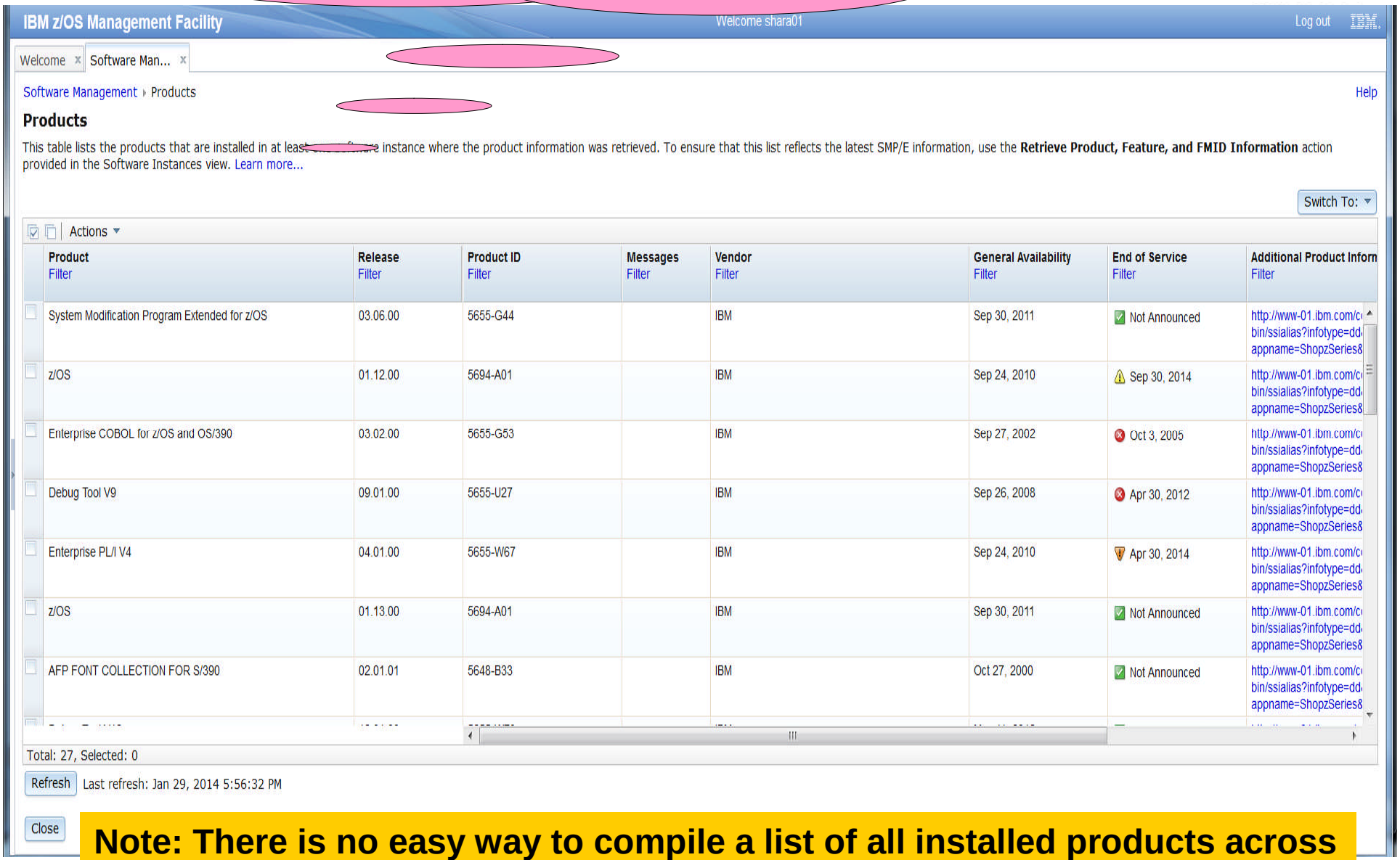
Step 5


IBM z/OS Management Facility
Welcome shara01
Welcome
Software Man...
Software Management ▸ Software Instances ▸ Maintenance Reports
Maintenance Reports
SYSMOD Search
Missing FIXCAT SYSMODs
Missing Critical Service
After reviewing the message, click Software Management 'bread crumb'
Selected software instance: MASTER_zOS_R13_w/Other_Product on system
Date validated: Jan 29, 2014 5:51:27 PM (Local)
Errors
Actions
Revalidate
Message ID
Filter
Message Text
Filter
Data Set Name
Filter
GIM70564E
LMOD ABJDBG was not found in data set DT910.SABJMOD1 on volume SHAR01 from DDDEF entry SABJMOD1 in TARGET zone DT910T.
DT910.SABJMOD1
GIM70565E
A ALIAS for LMOD CNMCNETV was not found in data set NETVIEW.SCNMLPA1 on volume SHAR01 from DDDEF entry SCNMLPA1 in TARGET zone Z1130T. The ALIAS is CNMNETV.
NETVIEW.SCNMLPA1
GIM70562E
SAMP IBMZCPLG was not found in data set PLI410.SIBMZPRC on volume SHAR01 from DDDEF entry SIBMZPRC in TARGET zone PLI410T. The FMID for IBMZCPLG is H270410 and the RMID is H270410.
PLI410.SIBMZPRC
GIM70567E
A LINK for HFS CDSLM008 was not found in directory /sharelab /SMLAB01/usr/lpp/ocsf/IBM/ from DDDEF entry SCDSHFS in TARGET zone Z1130T. The FMID is HCRY740 and the RMID is HCRY740. The LINK is ../ivp/ocsf_baseivp.
SMLAB01.ROOT
GIM70563E
A ALIAS for DATA IRRSPIMH was not found in data set SYS1.SIEAHDR.H on volume SHAR01 from DDDEF entry SIEAHDR in TARGET zone Z1130T. The FMID is HBB7780 and the RMID is HBB7780. The ALIAS is IRRSPIM.
SYS1.SIEAHDR.H
Total: 5
Close
Hide

Step 5 ...

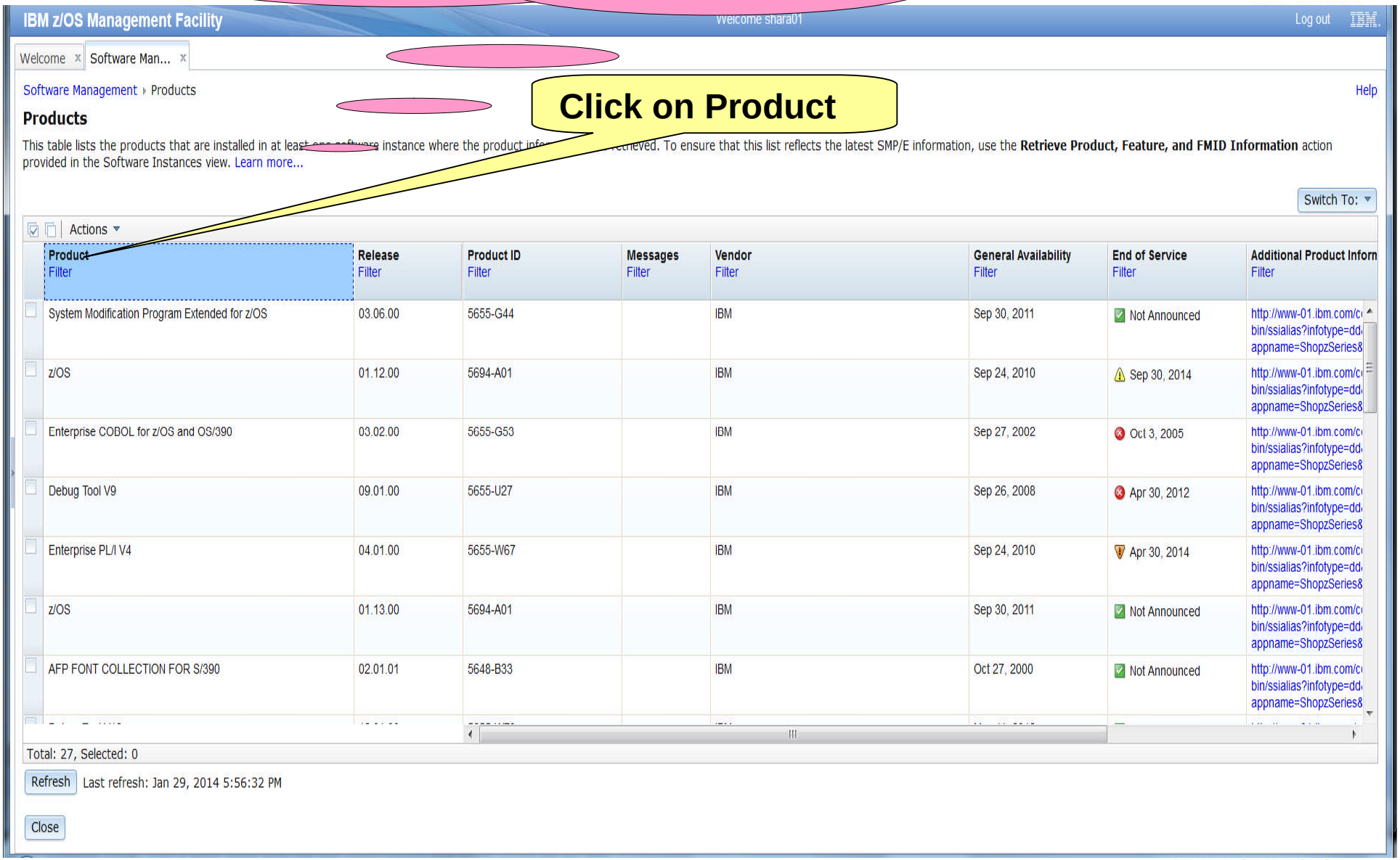

Click on Products
IBM z/OS Management Facility
Welcome shara01
Welcome
Software Man...
Software Management
Use this task to view details about your software inventory, including related products, features, FMIDs, data sets, deployments, and SYSMODs. Learn more...
Software Instances
Define your software to z/OSMF; deploy software; generate reports about your software.
Products
View a consolidated list of the products included in each software instance.
Deployments
Deploy a software instance, and manage existing deployments.
Categories
Create new categories for your software instances and deployments, and manage existing categories.
Settings
Select the time zone in which to display date and time data. Indicate whether to display or suppress information messages.

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

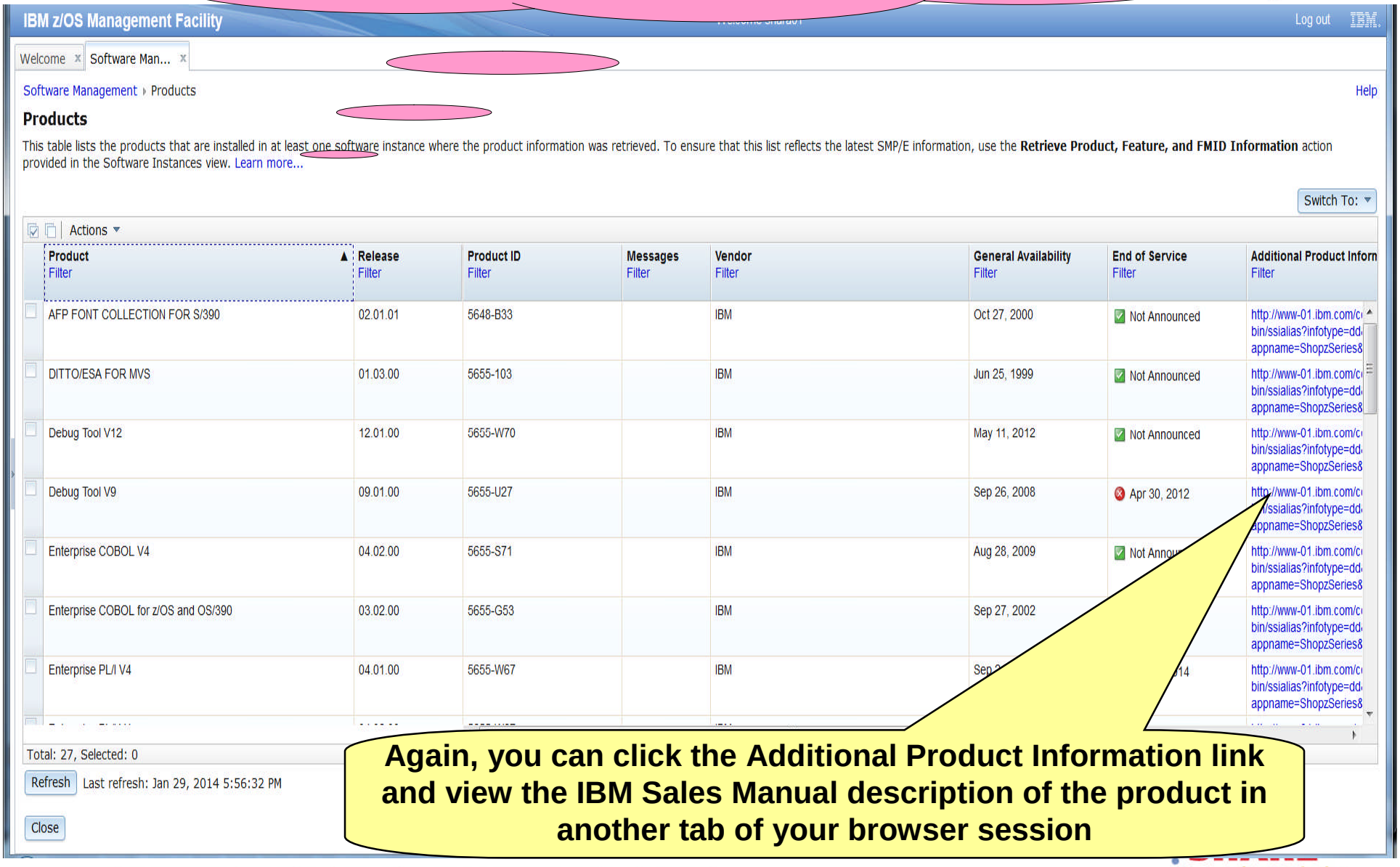


Note: There is no easy way to compile a list of all installed products across your enterprise using SMP/E list commands or query functions.

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

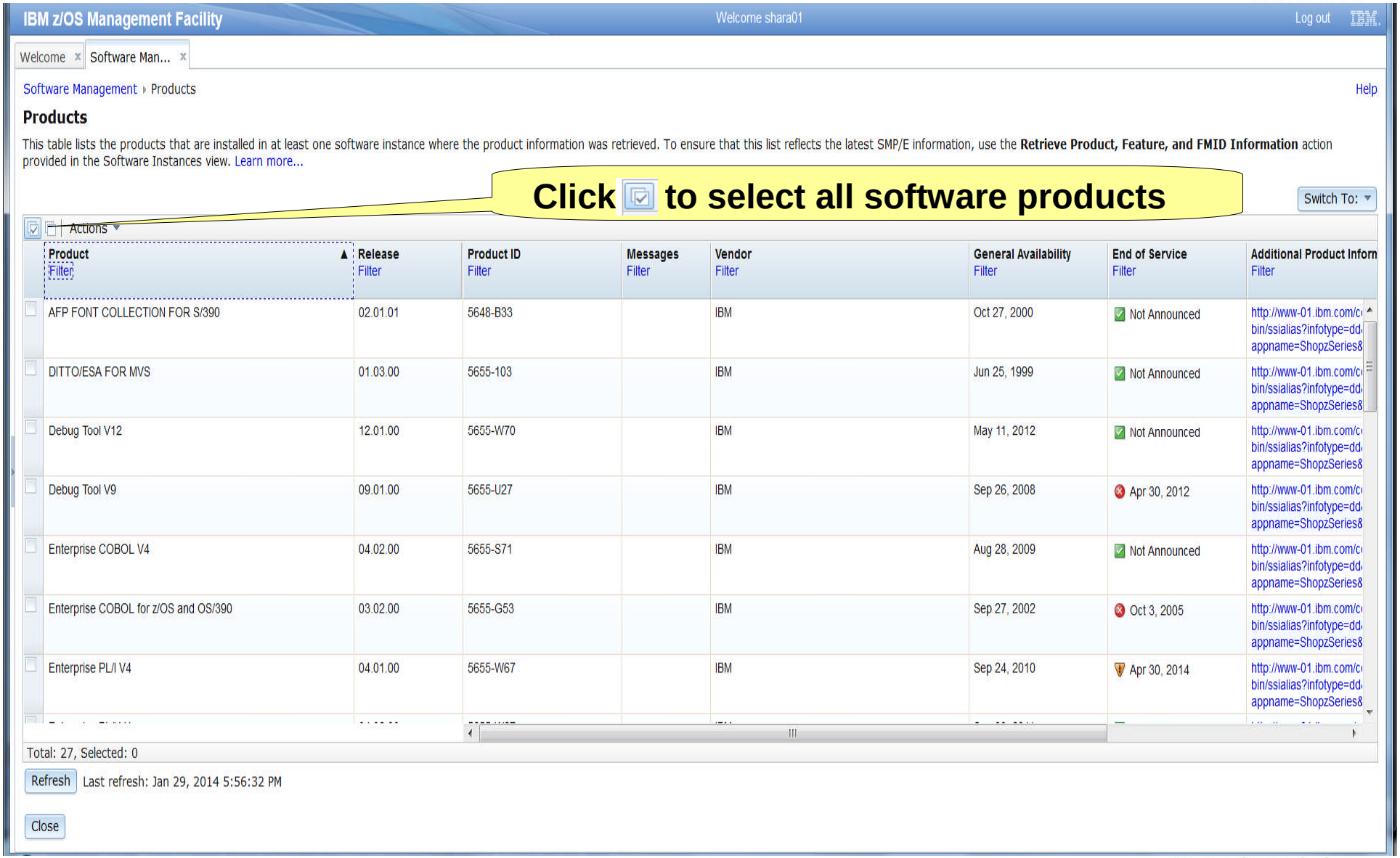


The table is now sorted and a triangle point up is now displayed in the Product column heading.

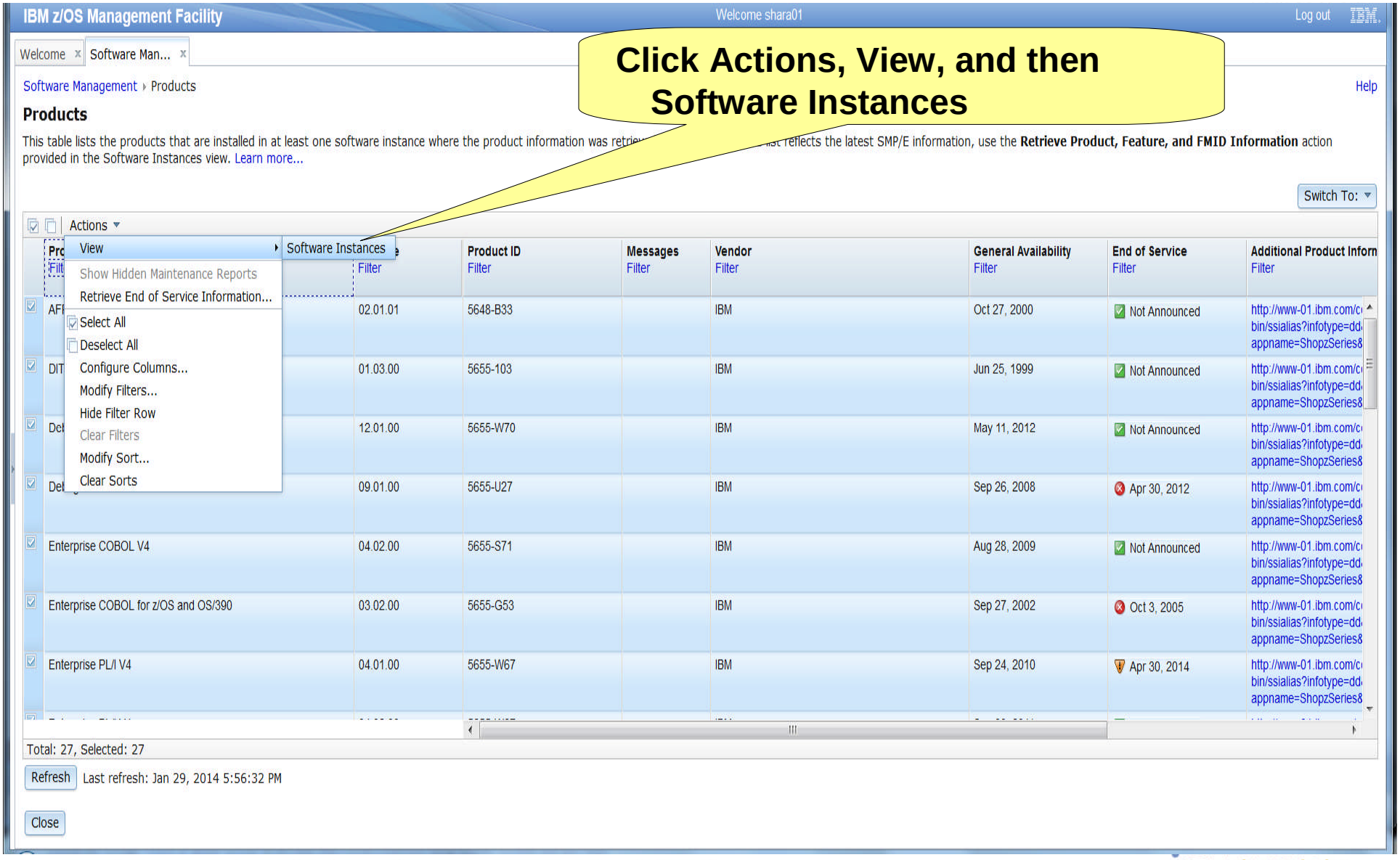


Again, you can click the Additional Product Information link and view the IBM Sales Manual description of the product in another tab of your browser session

Step 5 …

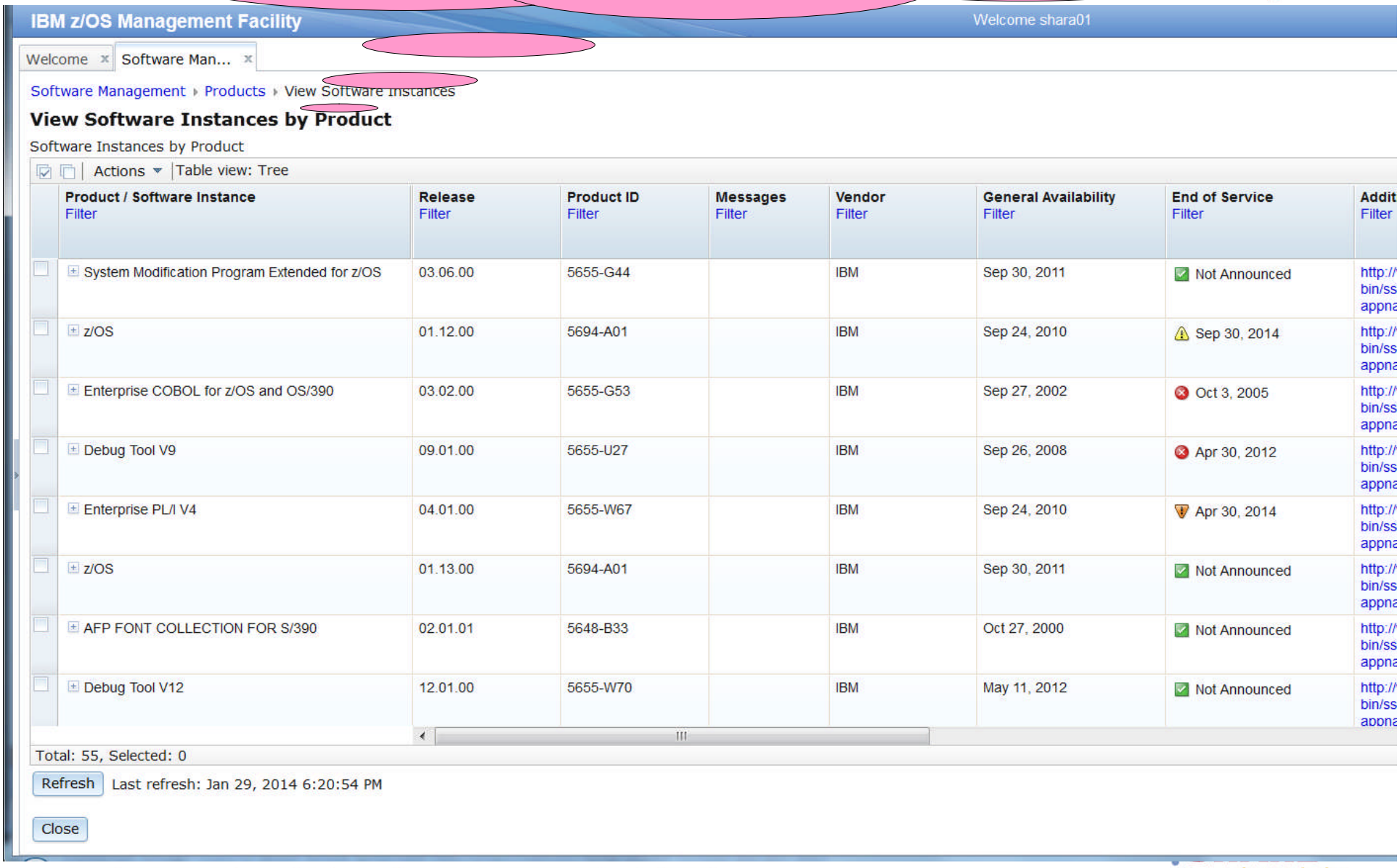

IBM z/OS Management Facility
Welcome shara01
Log out
Welcome
Software Man...
Software Management ▸ Products
Help
Products
This table lists the products that are installed in at least one software instance where the product information was retrieved. To ensure that this list reflects the latest SMP/E information, use the Retrieve Product, Feature, and FMID Information action provided in the Software Instances view. Learn more...
Click to select all software products
Switch To:
Actions
Product Filter
Release Filter
Product ID Filter
Messages Filter
Vendor Filter
General Availability Filter
End of Service Filter
Additional Product Inform Filter
AFP FONT COLLECTION FOR S/390 | 02.01.01 | 5648-B33 | IBM | Oct 27, 2000 | Not Announced
DITTO/ESA FOR MVS | 01.03.00 | 5655-103 | IBM | Jun 25, 1999 | Not Announced
Debug Tool V12 | 12.01.00 | 5655-W70 | IBM | May 11, 2012 | Not Announced
Debug Tool V9 | 09.01.00 | 5655-U27 | IBM | Sep 26, 2008 | Apr 30, 2012
Enterprise COBOL V4 | 04.02.00 | 5655-S71 | IBM | Aug 28, 2009 | Not Announced
Enterprise COBOL for z/OS and OS/390 | 03.02.00 | 5655-G53 | IBM | Sep 27, 2002 | Oct 3, 2005
Enterprise PL/I V4 | 04.01.00 | 5655-W67 | IBM | Sep 24, 2010 | Apr 30, 2014
Total: 27, Selected: 0
Refresh
Last refresh: Jan 29, 2014 5:56:32 PM
Close

Step 5 …

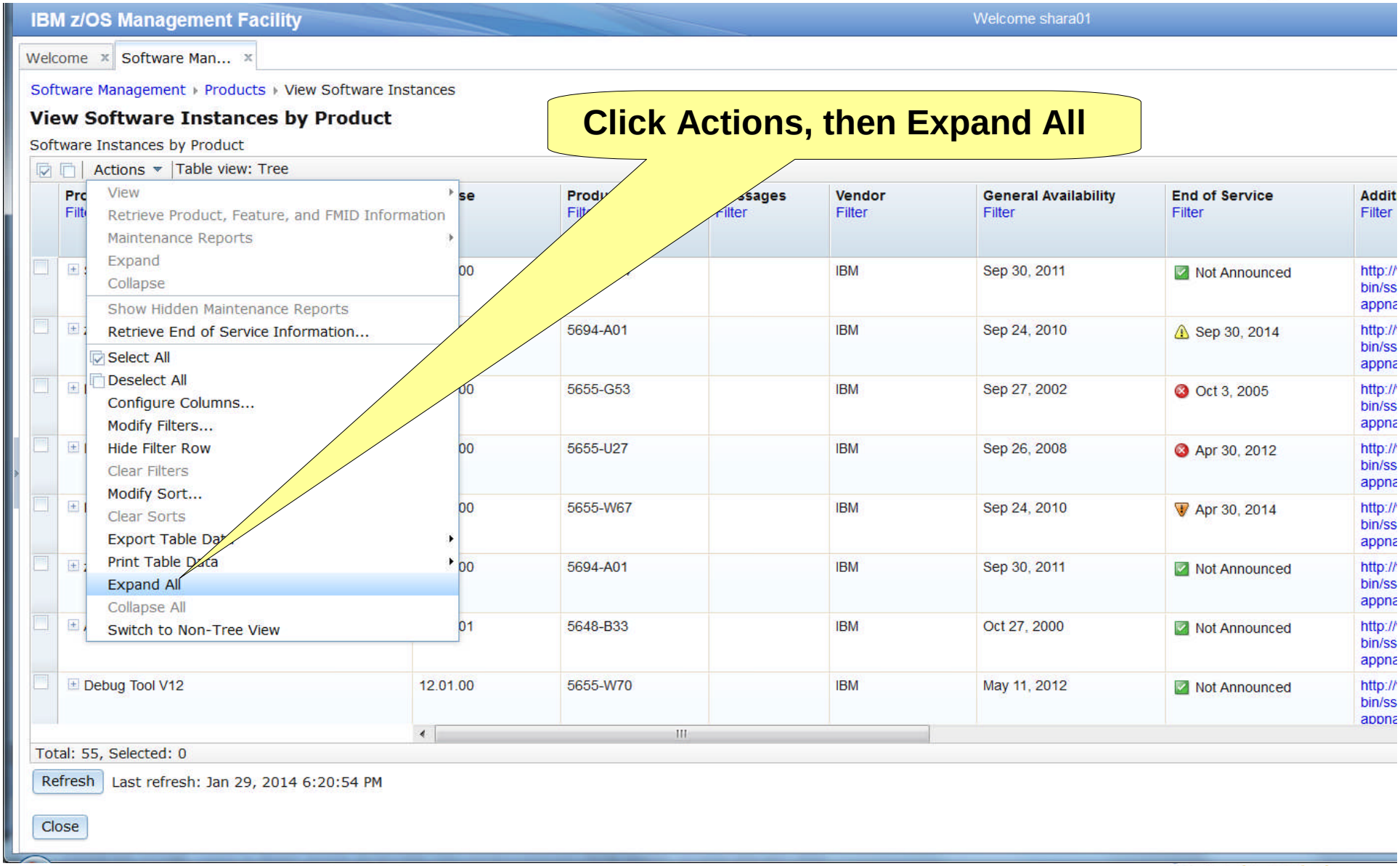


Click Actions, View, and then Software Instances

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

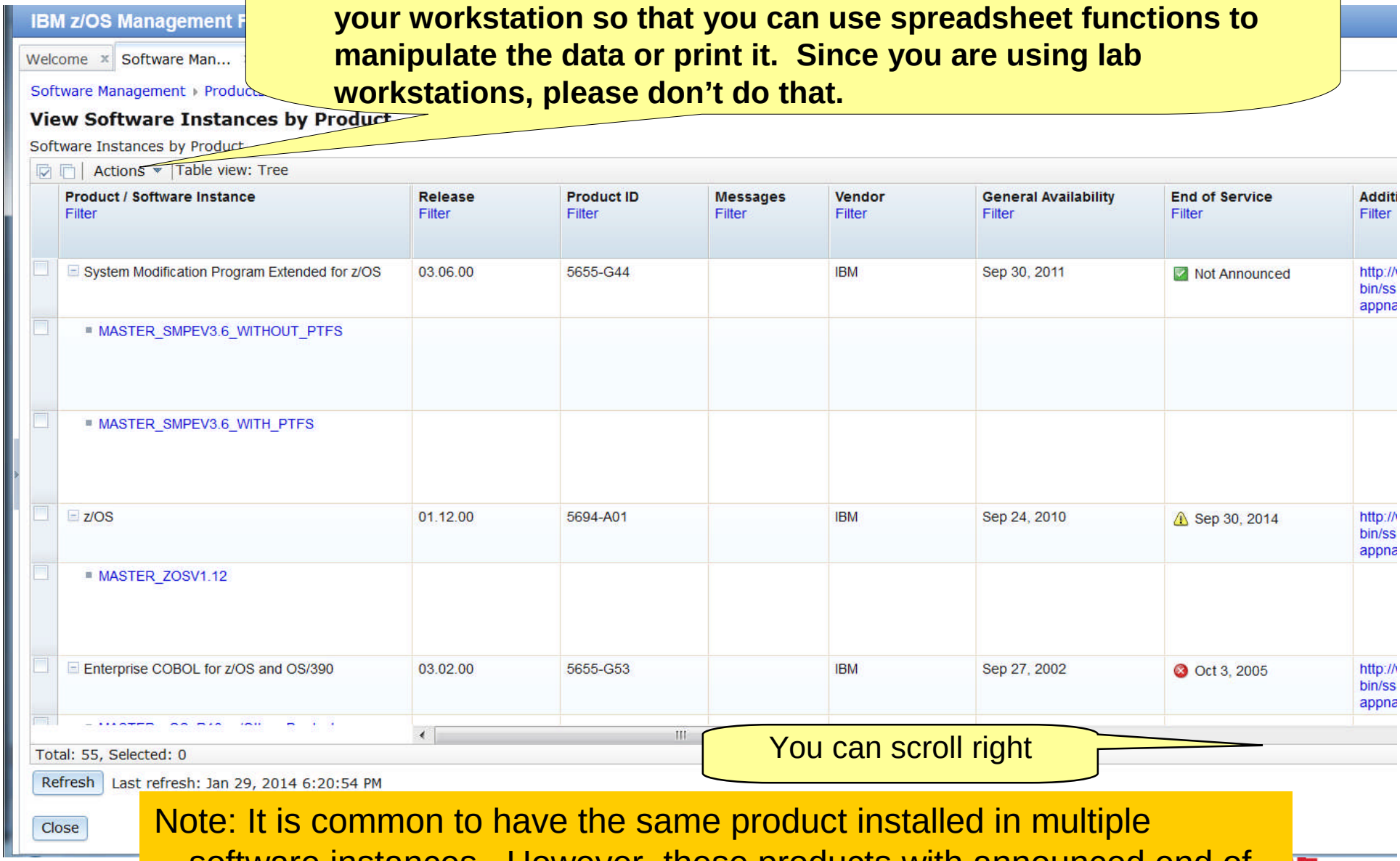


Step 5 …


IBM z/OS Management Facility
Welcome shara01
Welcome
Software Man...
Software Management ▸ Products ▸ View Software Instances
View Software Instances by Product
Software Instances by Product
Click Actions, then Expand All
Actions
Table view: Tree
View
Retrieve Product, Feature, and FMID Information
Maintenance Reports
Expand
Collapse
Show Hidden Maintenance Reports
Retrieve End of Service Information...
Select All
Deselect All
Configure Columns...
Modify Filters...
Hide Filter Row
Clear Filters
Modify Sort...
Clear Sorts
Export Table Data
Print Table Data
Expand All
Collapse All
Switch to Non-Tree View
Vendor
General Availability
End of Service
Filter
IBM
Sep 30, 2011
Not Announced
5694-A01
Sep 24, 2010
Sep 30, 2014
5655-G53
Sep 27, 2002
Oct 3, 2005
5655-U27
Sep 26, 2008
Apr 30, 2012
5655-W67
Sep 24, 2010
Apr 30, 2014
5694-A01
Sep 30, 2011
Not Announced
5648-B33
Oct 27, 2000
Not Announced
Debug Tool V12
12.01.00
5655-W70
May 11, 2012
Not Announced
Total: 55, Selected: 0
Refresh
Last refresh: Jan 29, 2014 6:20:54 PM
Close

Step 5 …

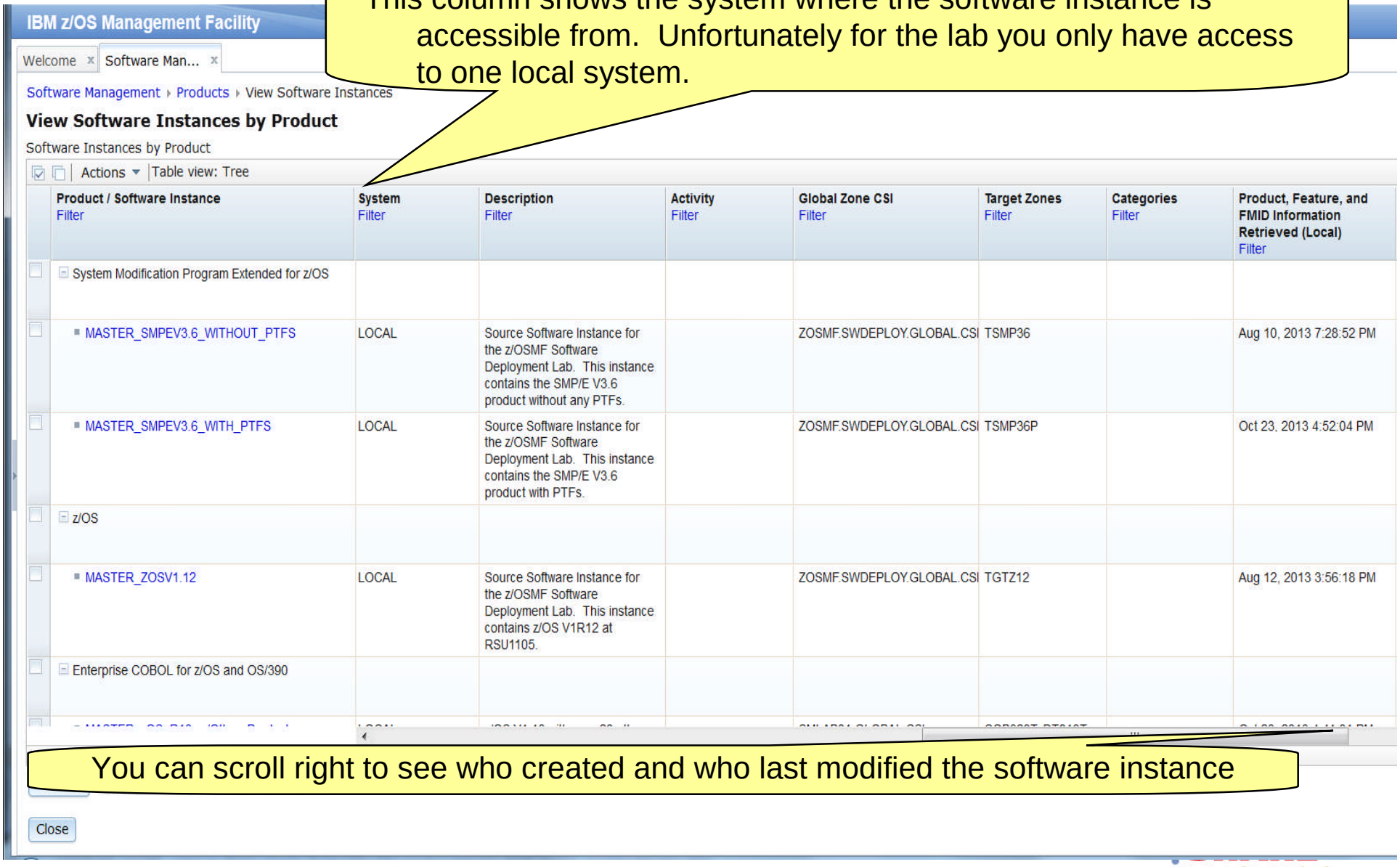
Again, you can click on Actions, then Export Table Data, then All Data to export your list of SMP/E installed products to a file on your workstation so that you can use spreadsheet functions to manipulate the data or print it. Since you are using lab workstations, please don't do that.



You can scroll right

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

Step 5 …

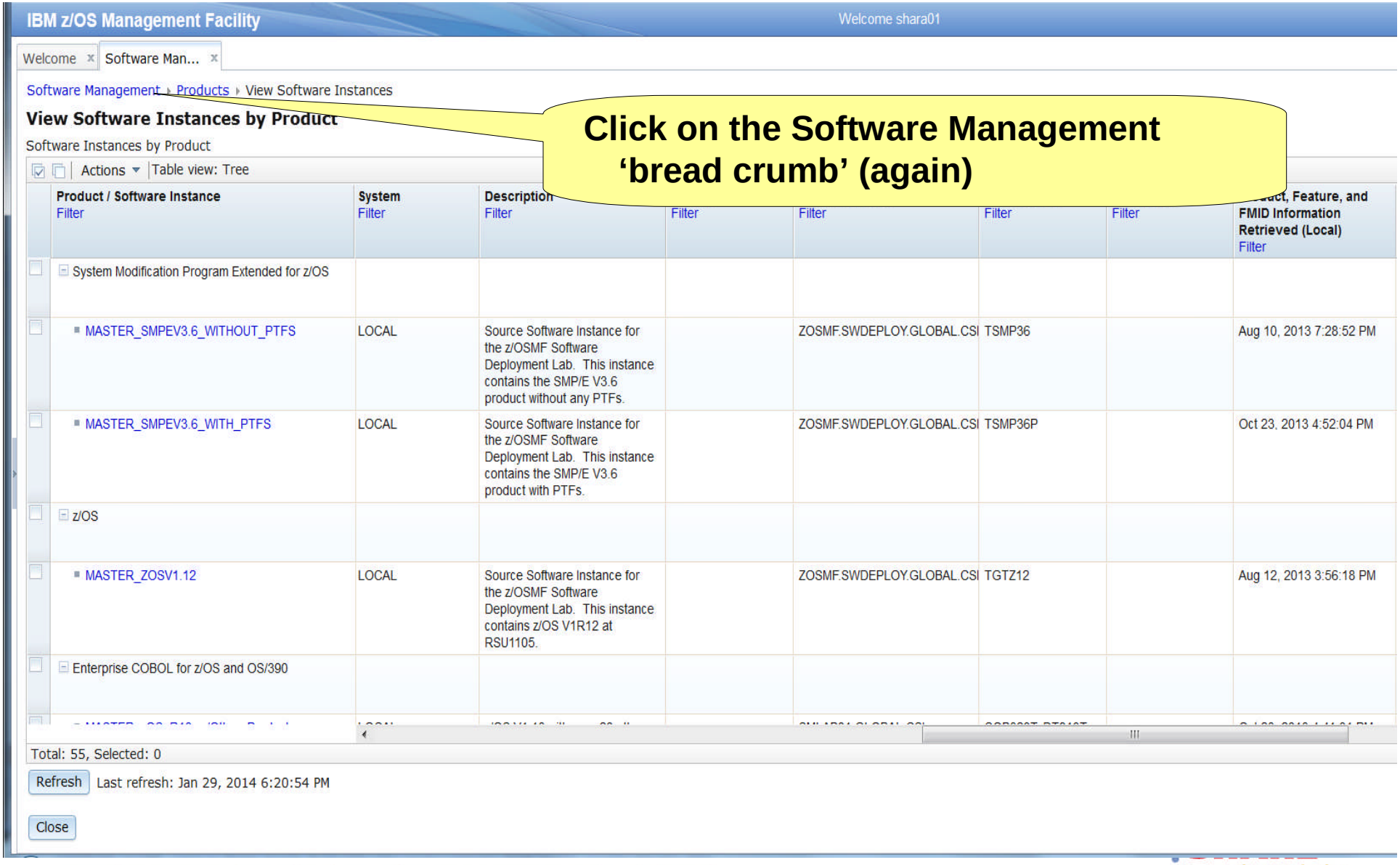


This column shows the system where the software instance is accessible from. Unfortunately for the lab you only have access to one local system.

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

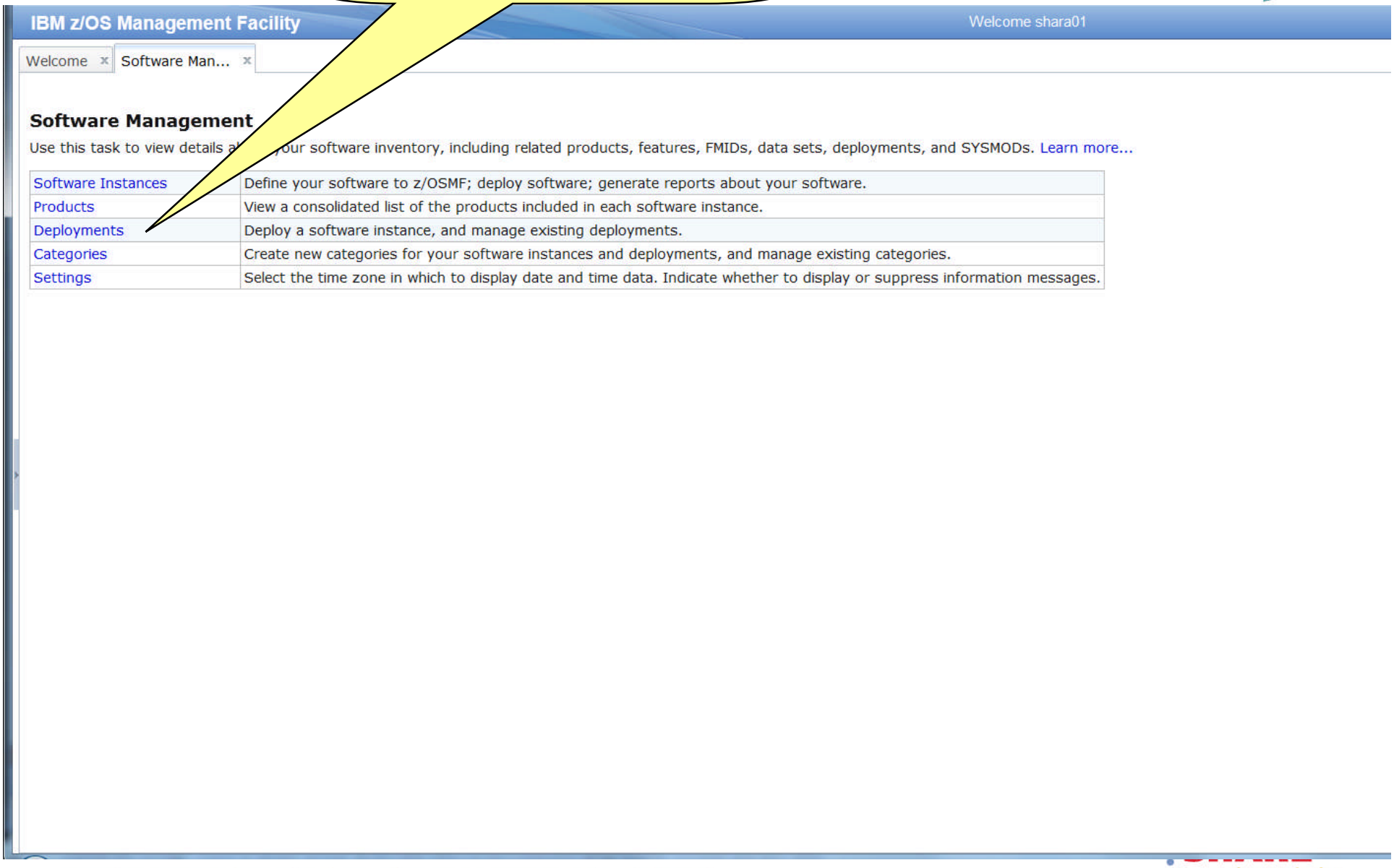
Step 6: Deployments

Step 6


IBM z/OS Management Facility
Welcome shara01
Welcome
Software Man...
Software Management ▸ Products ▸ View Software Instances
View Software Instances by Product
Software Instances by Product
Actions
Table view: Tree
Product / Software Instance
Filter
System
Filter
Description
Filter
Filter
Filter
Filter
Filter
FMID Information Retrieved (Local)
Filter
System Modification Program Extended for z/OS
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
MASTER_SMPEV3.6_WITH_PTFS
LOCAL
Source Software Instance for the z/OSMF Software Deployment Lab. This instance contains the SMP/E V3.6 product with PTFs.
ZOSMF.SWDEPLOY.GLOBAL.CSI
TSMP36P
Oct 23, 2013 4:52:04 PM
z/OS
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
Enterprise COBOL for z/OS and OS/390
Total: 55, Selected: 0
Refresh
Last refresh: Jan 29, 2014 6:20:54 PM
Close
Click on the Software Management ‘bread crumb’ (again)

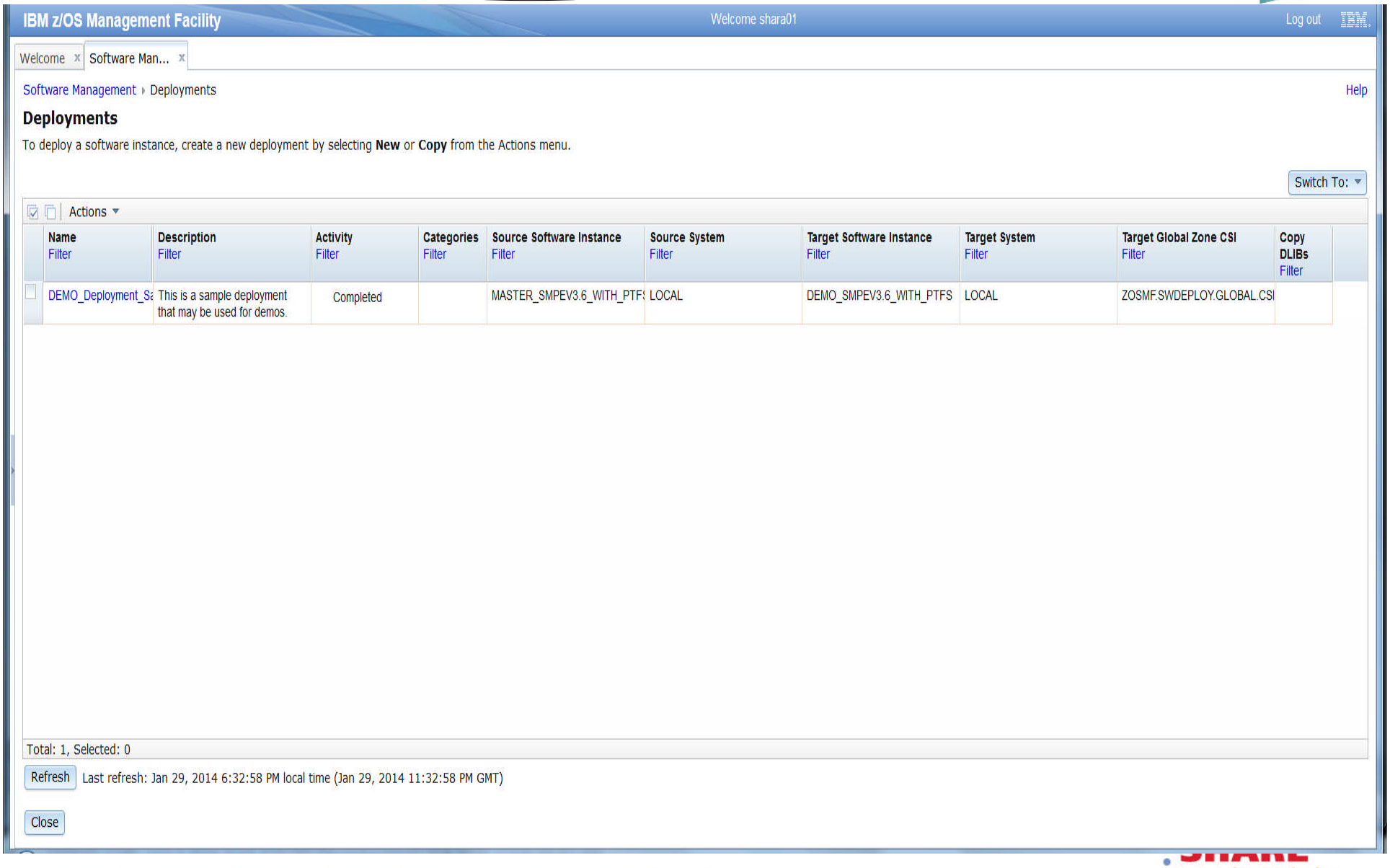
Step 6 …

Select Deployments



Step 6 …

You see a complete list of deployments.

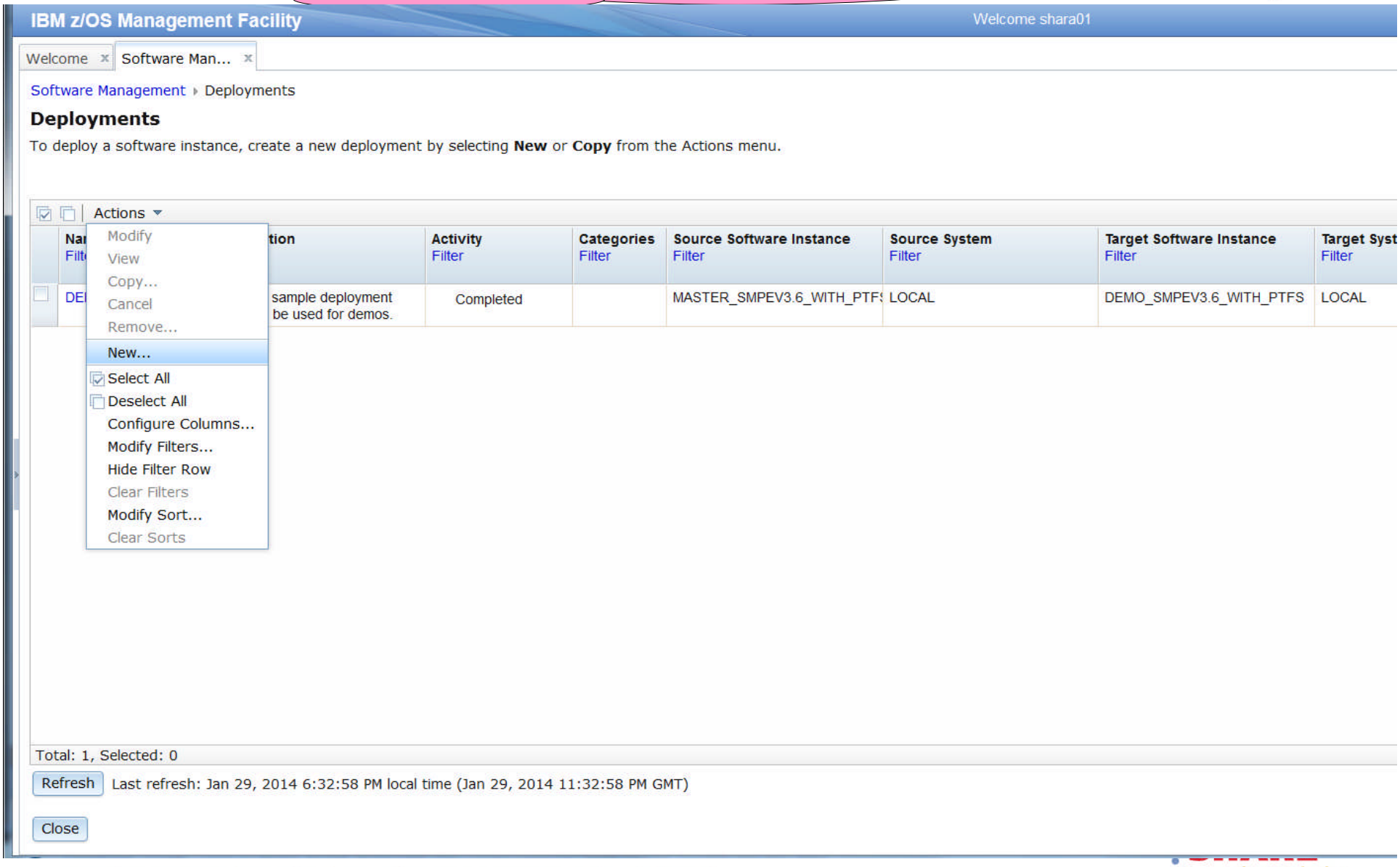


Complete your session evaluations online at www.SHARE.org/AnaheimEval

SHARE in Anaheim

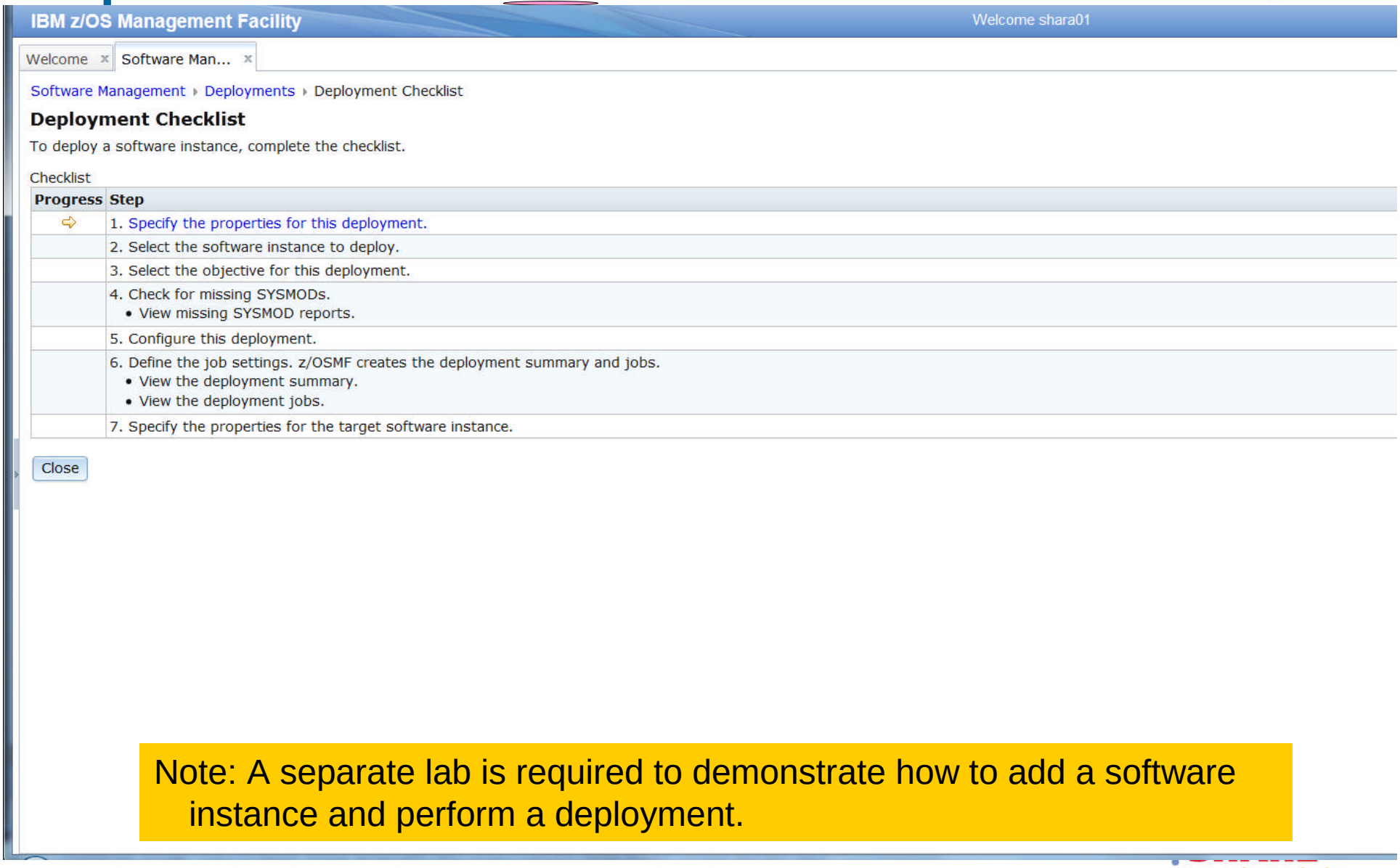
Step 6 …

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



The deployment checklist leads you through the new deployment

Step 6 …



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

Thank You

Additional information

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