



z/OSMF Hands-On Labs

- Choose Your Own Topic –

**Using the z/OS installation Strategy
Install a Portable Software Instance(PSI)**

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Abstract:

You hopefully have heard about the z/OS Installation Strategy? This is an undertaking that is across the entire z/OS industry (with strong participation from both IBM and ISVs) to provide a common installation and packaging method that you use from z/OSMF.

This self-directed lab will take you through each step needed to install a Portable Software Instance, PSI, from the point of view of a z/OS customer.

So, you've bought a great new product called "The Box III" from Hooli! You've acquired the file (somehow, possibly via GIMGTPKG), and if necessary, also un-archived it into your z/OS UNIX file system (if you received it as a single pax archive file). What's next? A very simple deployment with z/OSMF Software Management.

What level of z/OSMF do you need to package or install a PSI? Ensure you have the appropriate z/OSMF Software Management support installed:

- z/OSMF V2.2 with PTF UI44516 , or
- z/OSMF V2.1 with PTF UI42018

Note: Subsequent enhancements are being made to z/OSMF Software Management all the time. To find them, just use the SMP/E FIXCAT IBM.DrivingSystem-RequiredService.

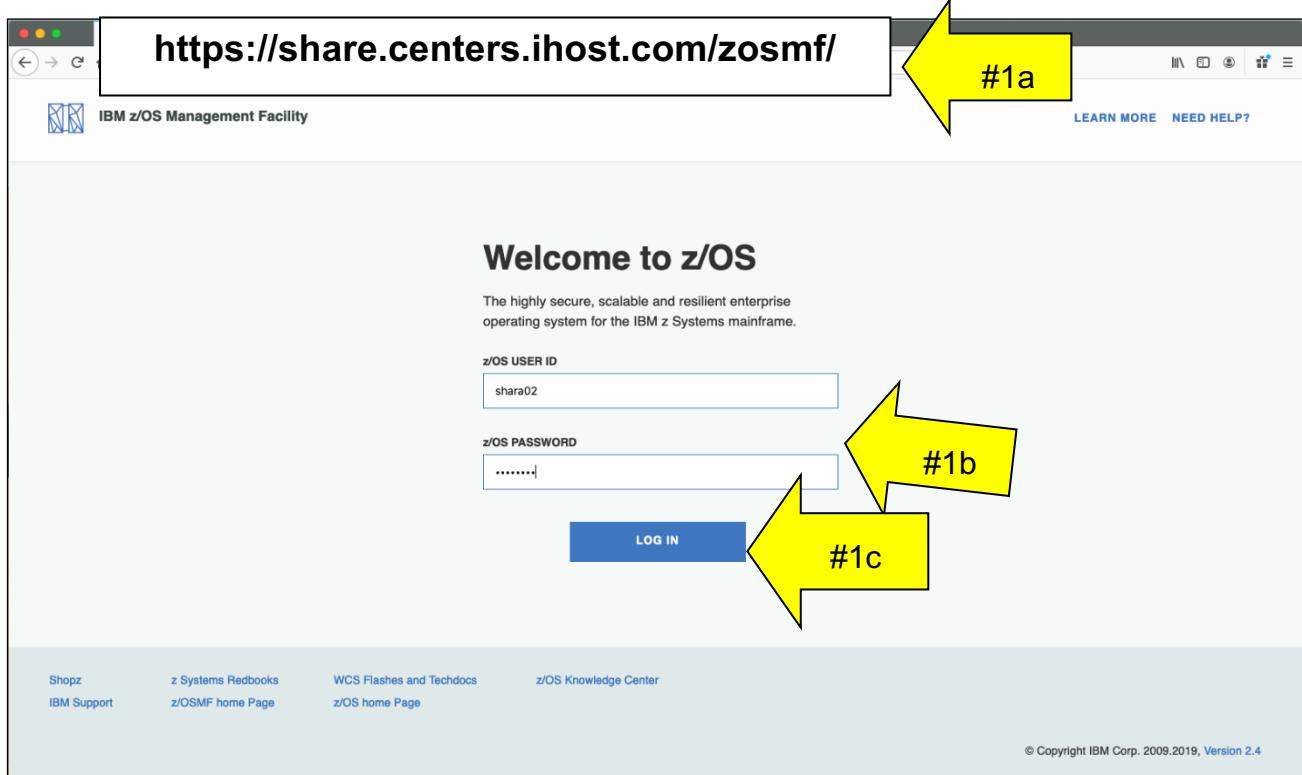
When you follow this self-directed lab, here is a high-level overview of what you will learn:

1. Logon to z/OSMF with your supplied lab id and password.
2. z/OS Customer view: install a PSI provided from a software vendor using z/OSMF Software Management's deployment task.

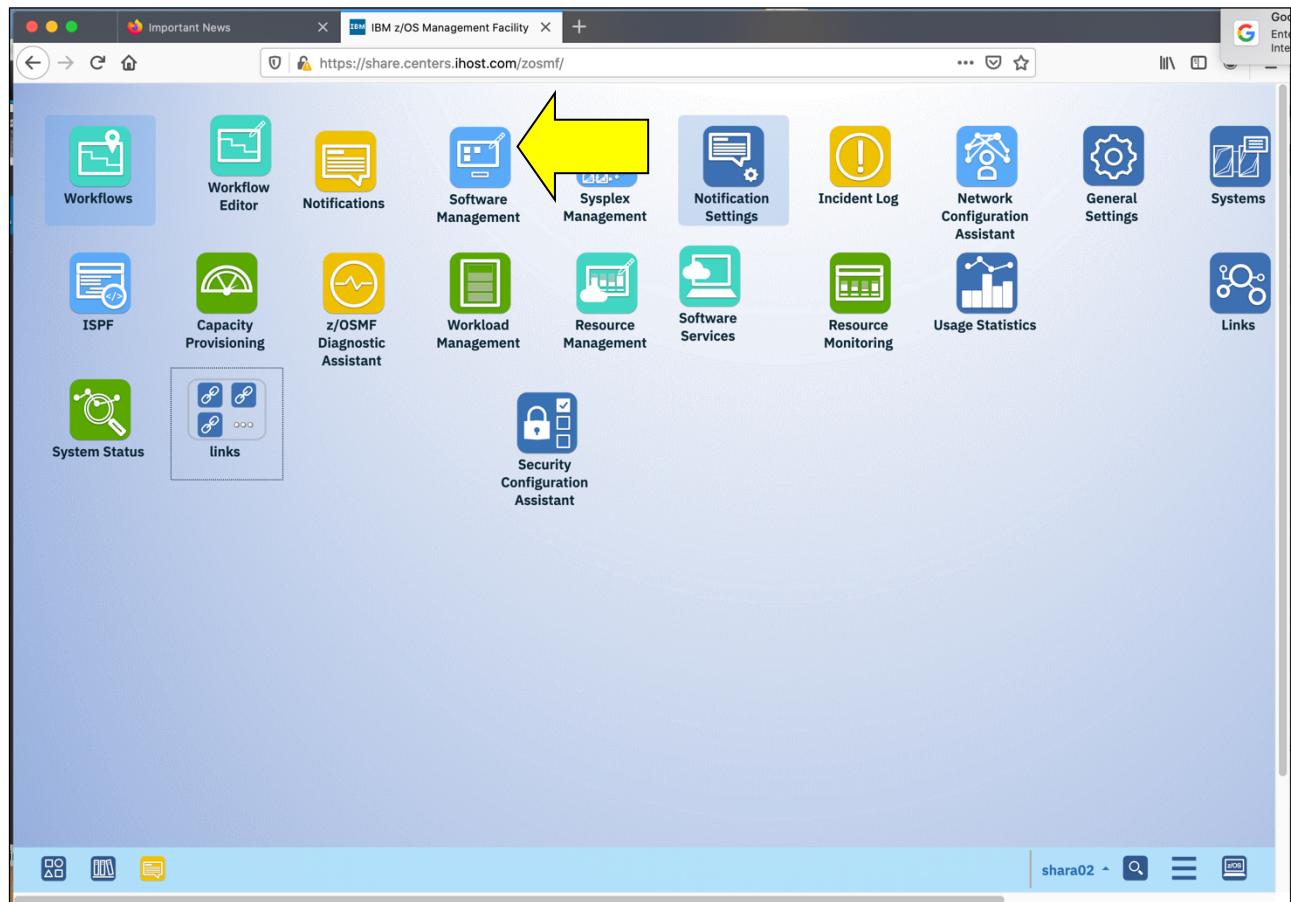
Logon to z/OSMF.

In this step, we will now go into z/OSMF to use the Workflow Editor function. For this lab, we are using a z/OSMF V2.5 system.

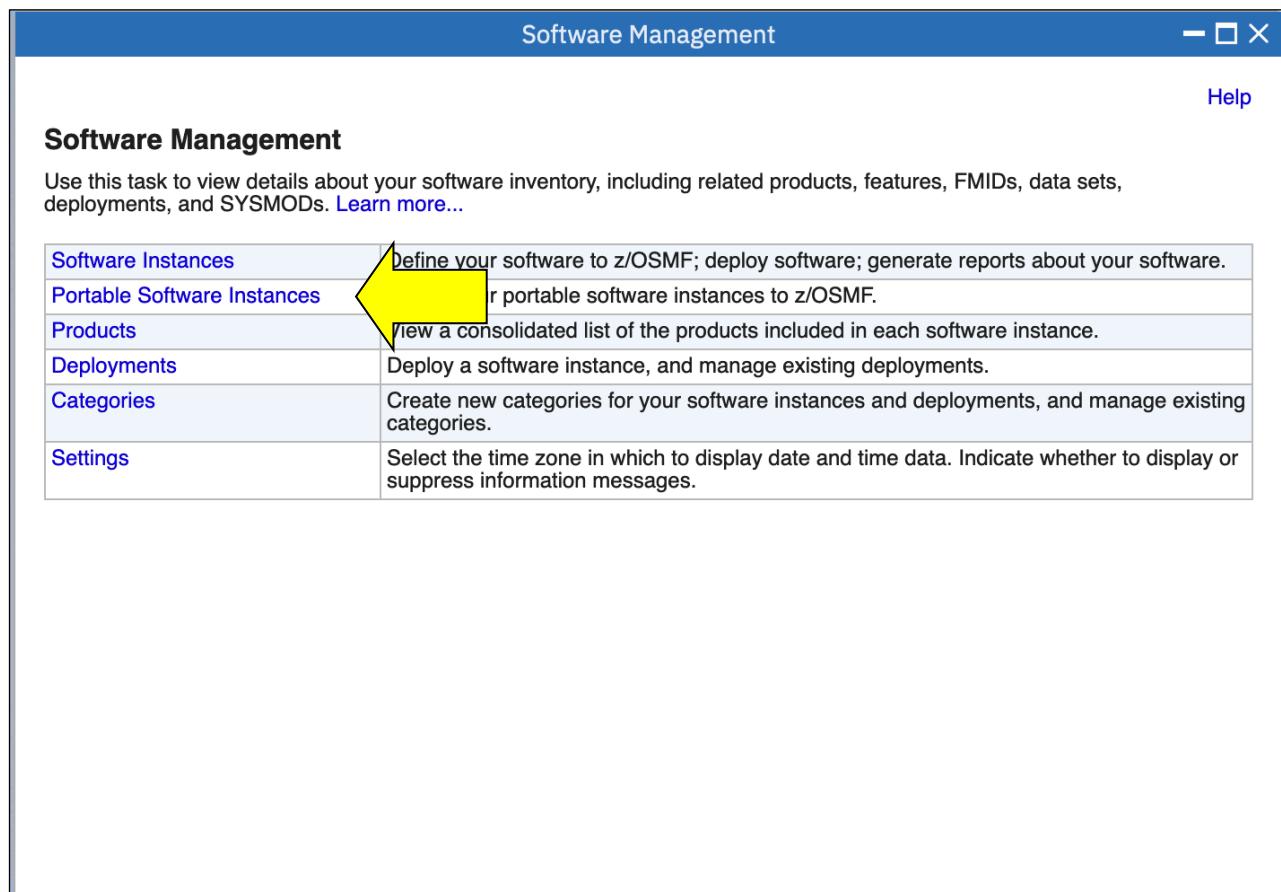
- a. Go to <https://share.centers.ihost.com/zosmf/> on the Firefox or IE web browser. (If you want to follow this lab on your own system, that is fine. Just note some of the samples we use you will need to supply yourself, using the Appendix to find those samples.).
- b. Using the userid you were given (SHARAnn, SHARBnn, or SHARCnn) and the password, logon to z/OSMF. The userid you were given is a regular z/OS userid on this system and has been given access to z/OSMF. There is *no* z/OSMF code on this workstation, all executables (except the web browser) is on the z/OS system.
- c. Click on “LOG IN”.



Click on “Software Management”.



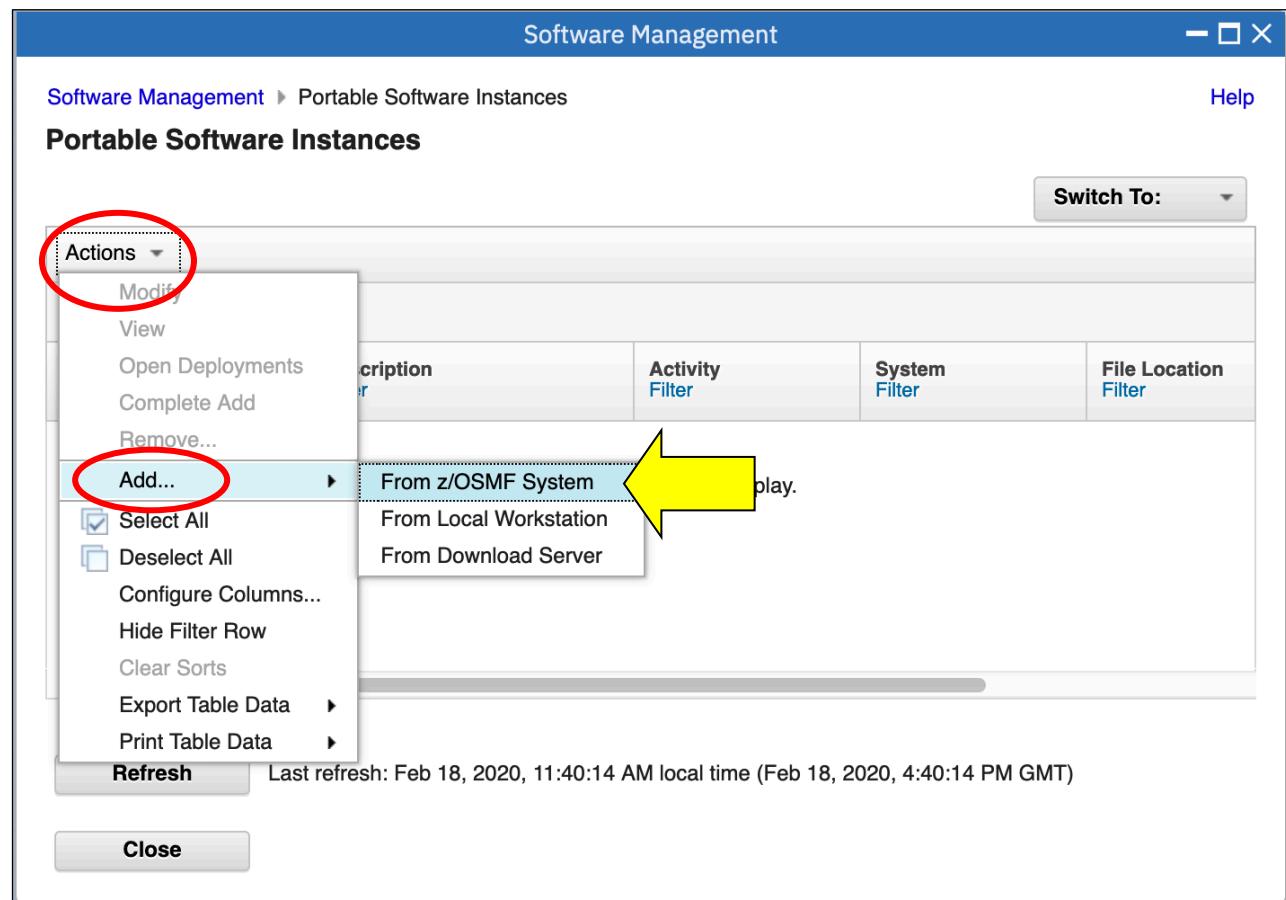
Click on “Portable Software Instances”.



This is where all the Portable Software Instances (PSI) on this system can be found.

Now we will add a PSI (portable software instance) to the inventory for installing.

Go to **Actions -> Add -> From z/OSMF system**. You are going to add your PSI to the inventory for installing.



On the next screen, select the **System** as **S2** (there might be another choice, so make sure you select **S2**) and then provide the z/OS UNIX location **/u/mwalle/zosmf/labs**
Click on **Retrieve**.

Software Management

Software Management > Portable Software Instances > Add Portable Software Instance Help

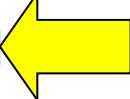
Add Portable Software Instance

* System: S2 Select...

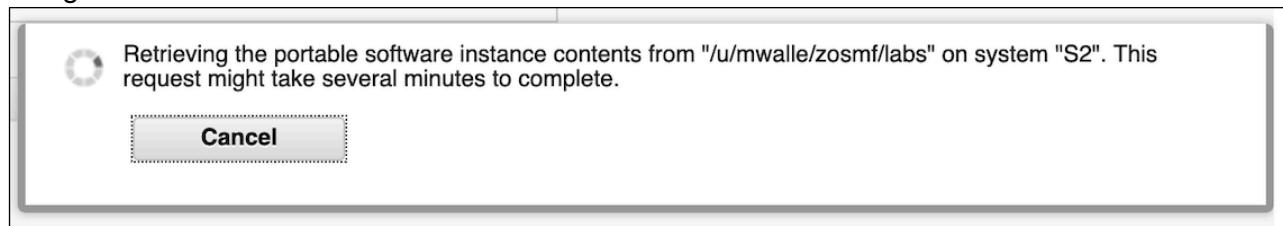
* File location (UNIX file): /u/mwalle/zosmf/labs

Retrieve

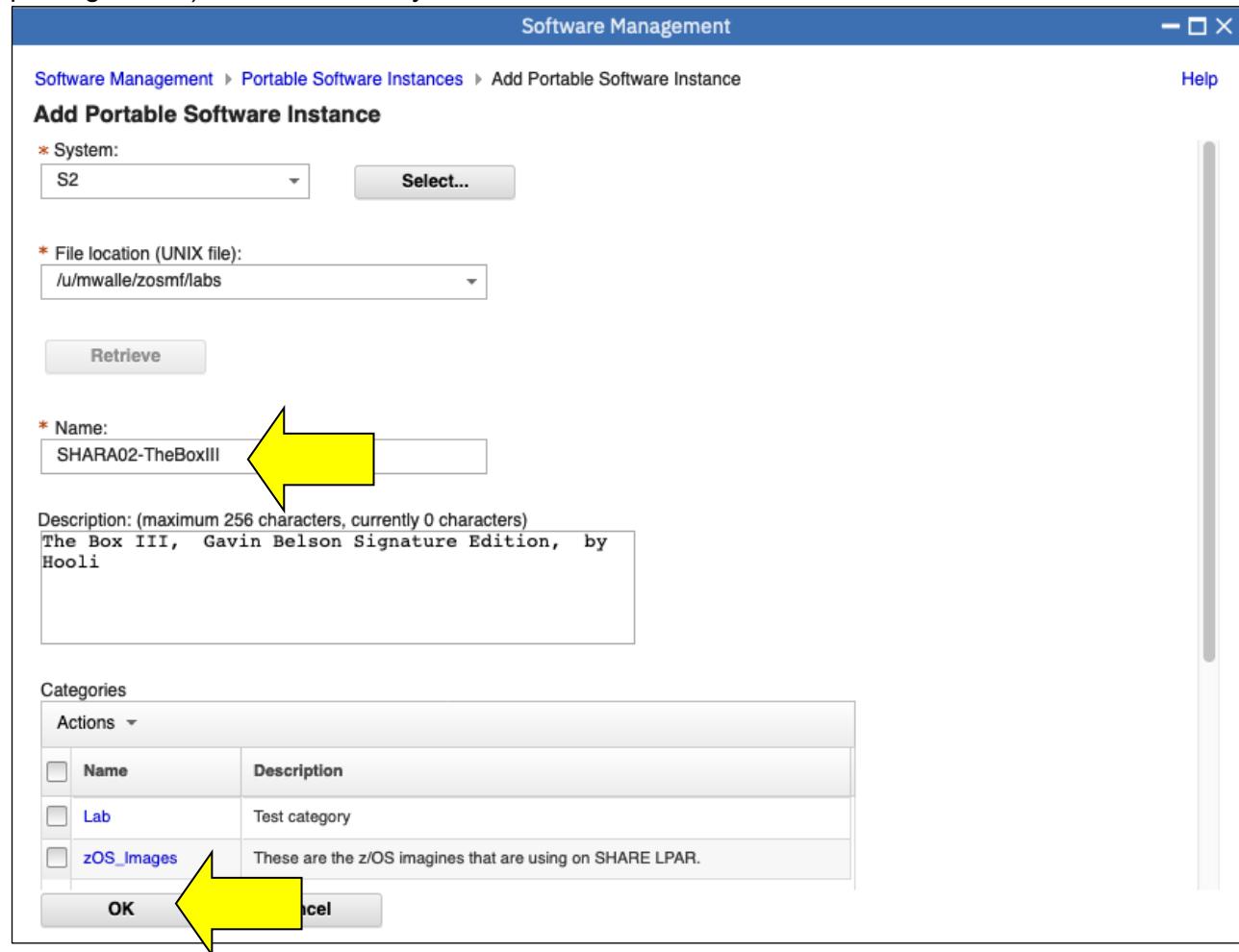
OK Cancel



It might take a moment or two:



When it has been successfully retrieved, you'll see some information (that the product was packaged with) in the PSI. Add your USERID to the Name. Click on **OK**.



Your PSI is ready to be installed!

Portable Software Instances									
Actions		Switch To:							
No filter applied									
Name Filter	Description Filter	Activity Filter	System Filter	File Location Filter	Category Filter				
SHARA02-TheBoxIII	The Box III, Gavin Belson Signature Edition, by Hooli		S2	/u/shara02/zosmf/lab					

Let's get the install (deployment) started. On the far right, click on the **Switch To:** drop down and select **Deployments**.

Software Management

Software Management > Portable Software Instances

Portable Software Instances

Actions ▾

No filter applied

Name Filter	Description Filter	Activity Filter	System Filter	File Location Filter
SHARA02-TheBoxIII	The Box III, Gavin Belson Signature Edition, by Hooli		S2	/u/shara02/zosmf/lab

Switch To:

- Software Instances
- Portable Software Instances
- Products
- Deployments

You are now in the Deployment section, and you are going to install ("deploy") that portable software instance onto your system. This Deployment function is rather old in z/OSMF, so you might be familiar with it already. From the **Actions** drop-down, select **New**.

Software Management

Software Management > Deployments

Deployments

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

Actions ▾

- Modify
- View
- Copy...
- Cancel...
- Remove...
- New...
- Select All
- Deselect All
- Configure Columns...
- Hide Filter Row
- Clear Sorts
- Export Table Data ▾
- Print Table Data ▾

Switch To:

There is no data to display.

You have the mini-wizard for deploying (installing) the software instance. Select the first option, **Specify the properties for this deployment.**

Software Management

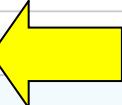
Software Management > Deployments > Deployment Checklist

Help

Deployment Checklist

To deploy software, complete the checklist.

Checklist

Progress	Step
⊕	Specify the properties for this deployment. 
	Select the software to deploy.
	Select the objective for this deployment.
	Configure this deployment.
	Define the job settings. z/OSMF creates the deployment summary and jobs. <ul style="list-style-type: none">View the deployment summary.
	Submit deployment jobs.
	Specify the properties for the target software instance.

Close

Fill in what you want to call the deployment. You have to pick a name that is unique since you can't have duplication deployment names. Perhaps put your assigned userid in the deployment name to make it unique. Click **OK**.

Software Management

Software Management > Deployments > Deployment Checklist > Specify Deployment Properties

Specify Deployment Properties

Enter a name and optional description for this deployment.

* Name: SHARA02TheBoxIII

Description: (maximum 256 characters, currently 40 characters)
The installation of The Box III by Hooli

Categories

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

There is no data to display.

Total: 0 Selected: 0

Refresh Last refresh: Feb 18, 2020, 1:11:37 PM local time (Feb 18, 2020, 6:11:37 PM GMT)

OK

Then progressing through the mini-wizard, select the next step: **Select the software to deploy**.

Software Management

Software Management > Deployments > Deployment Checklist

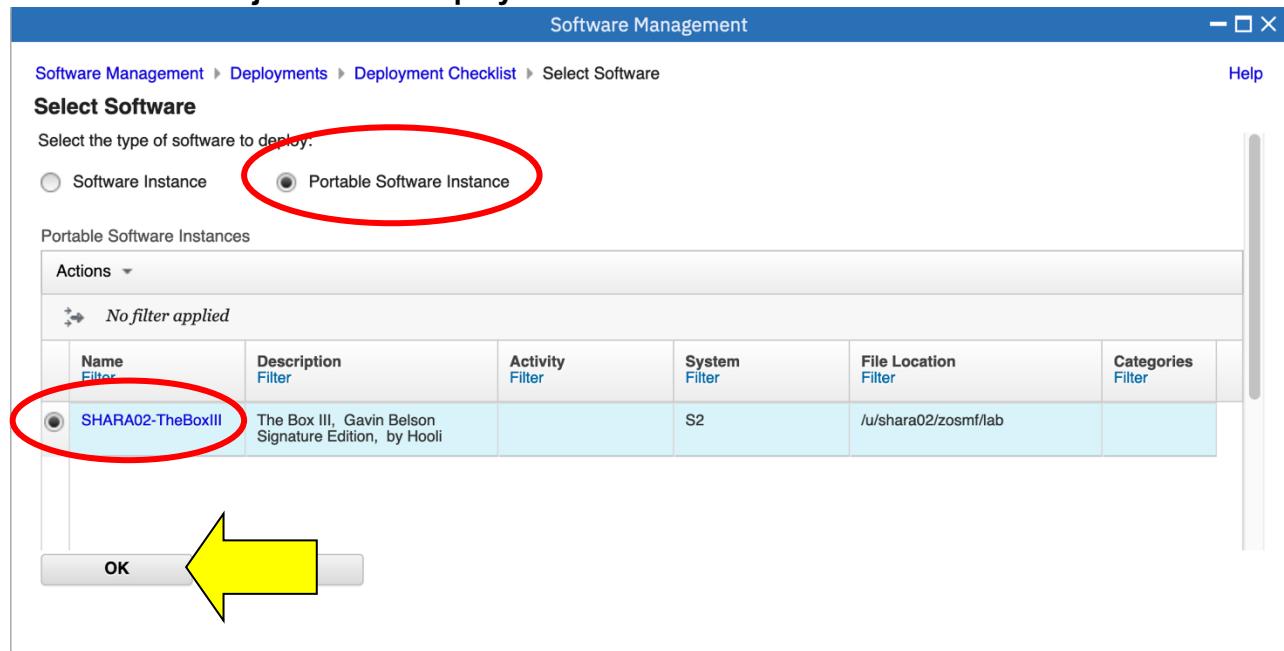
Deployment Checklist

To deploy software, complete the checklist.

Progress	Step
✓	Specify the properties for this deployment
⊕	Select the software to deploy.
	Select the objective for this deployment.
	Configure this deployment.
	Define the job settings. z/OSMF creates the deployment summary and jobs. <ul style="list-style-type: none"> View the deployment summary.
	Submit deployment jobs.
	Specify the properties for the target software instance.

Close

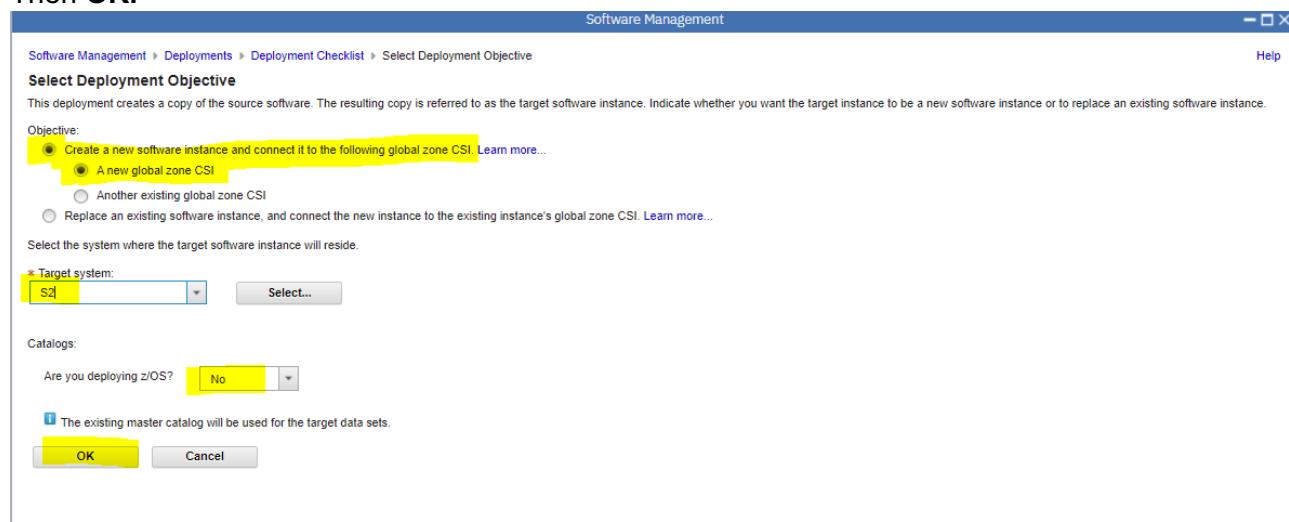
You want to select the **Portable Software Instance** you just received (the name you used when you added the Portable Software Instance above!). Then Select **OK** to continue. Then proceed with **Select the object for this deployment**.



You are a customer, and you need to install this PSI. Select that you want to **Create a new software instance**, with **A new global zone CSI**, on your **S2** system.

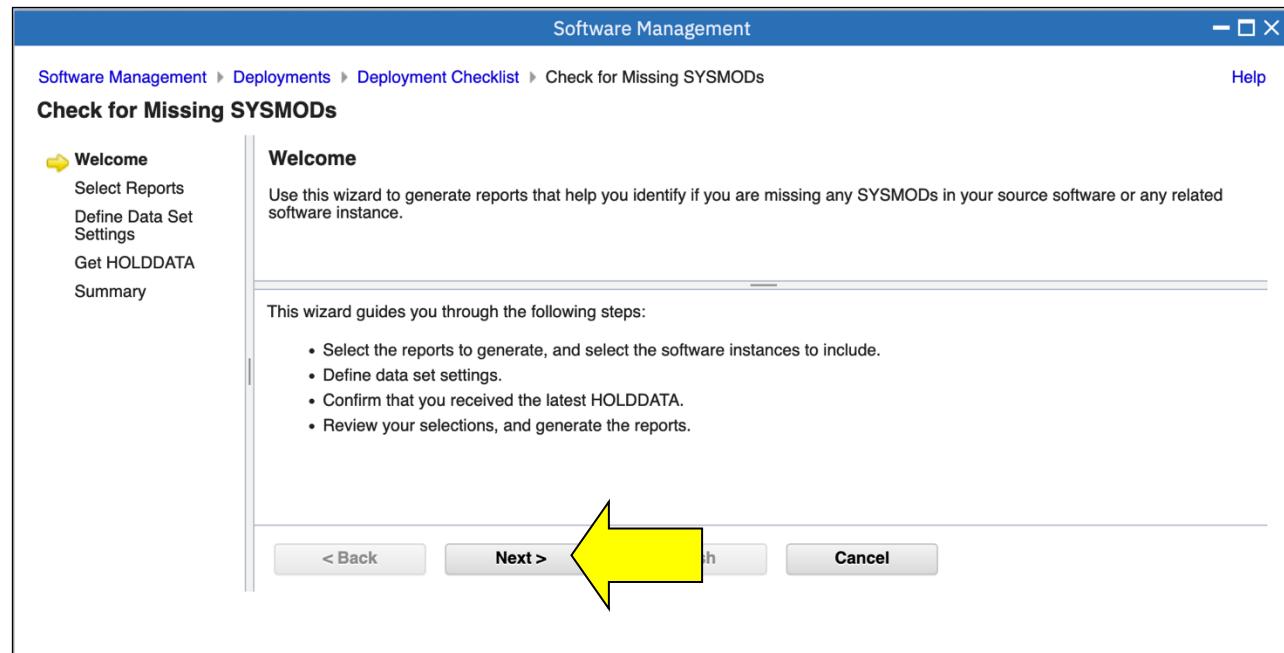
This is not a z/OS order, so indicate that you are not deploying z/OS (where new master catalogs might be involved).

Then **OK**.

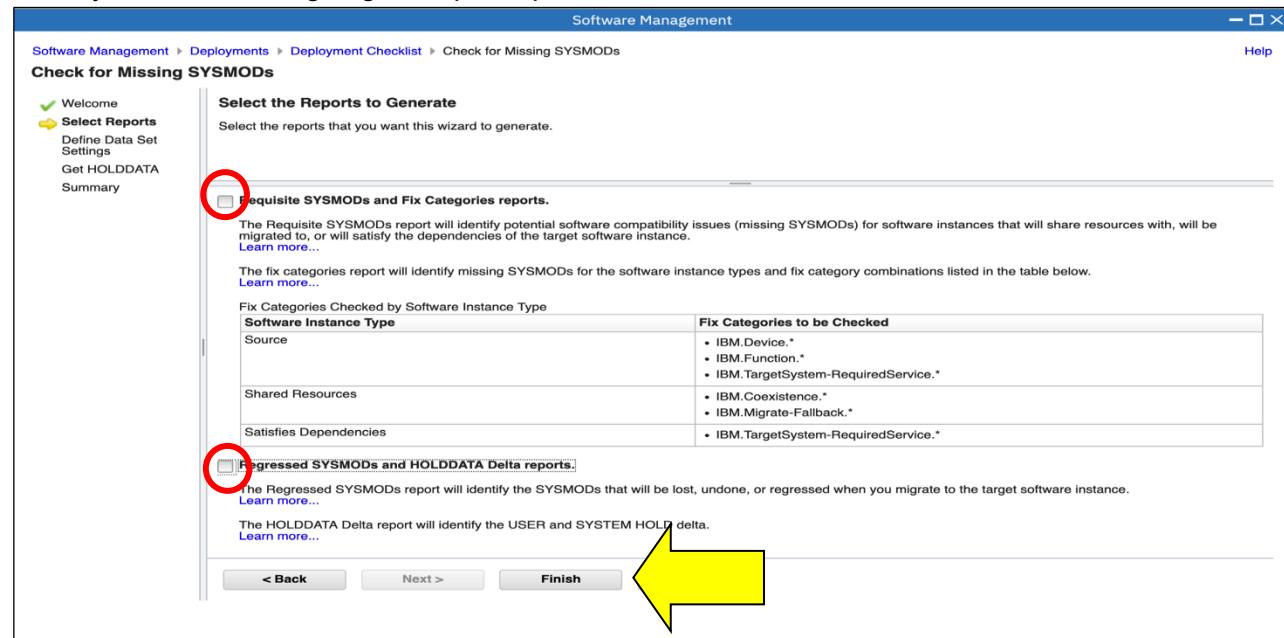


Continue on by clicking on **Check for missing SYSMODs** on the mini-wizard.

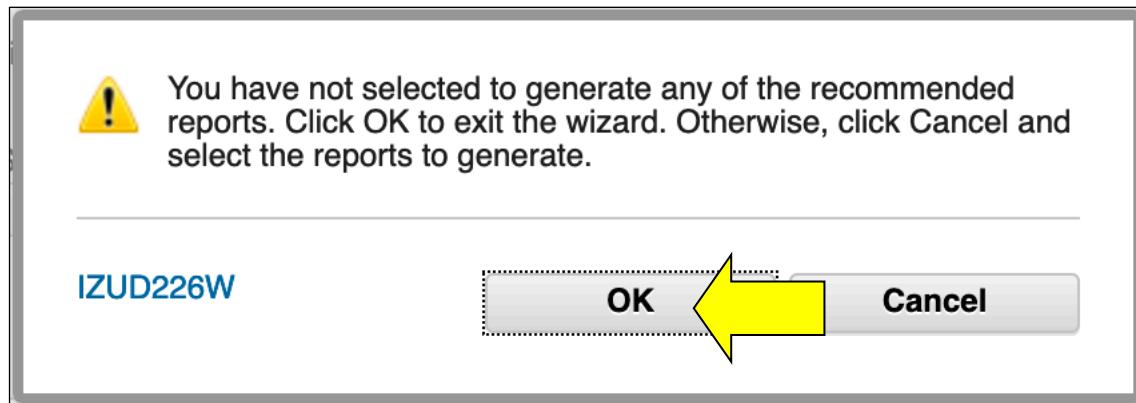
We are going to move through this older function very quickly, since it is not unique for PSI installations. Do note, however, what you are doing at each step during the deployment. Click on **Next**.



This is where you can run various SMP/E reports to see if any dependencies are missing or regressions would happen between this software instance and other software instances you already have. We are going to skip this portion, so uncheck the two boxes, and click on **Finish**.

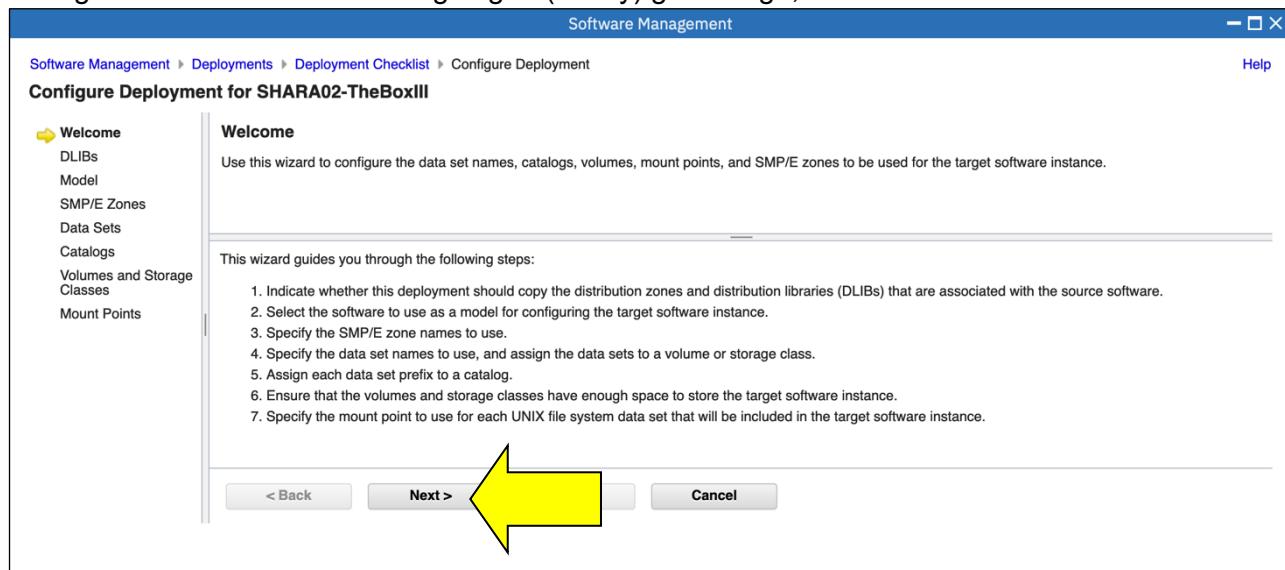


We understand that it is not recommended to skip the dependency and regression reports, so click **OK**.

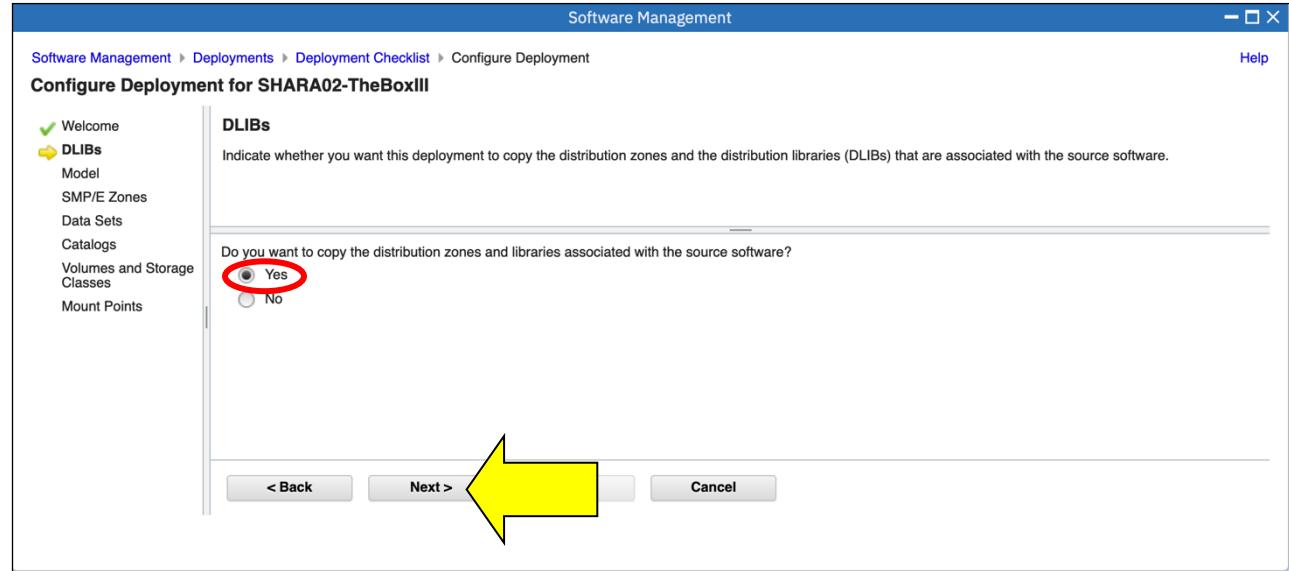


Then back on the mini-wizard, select the next step: **Configure this deployment**.

This is where you can do a lot of customization for how you want this PSI installed! After reading through all the items that we are going to (briefly) go through, click **Next>**.



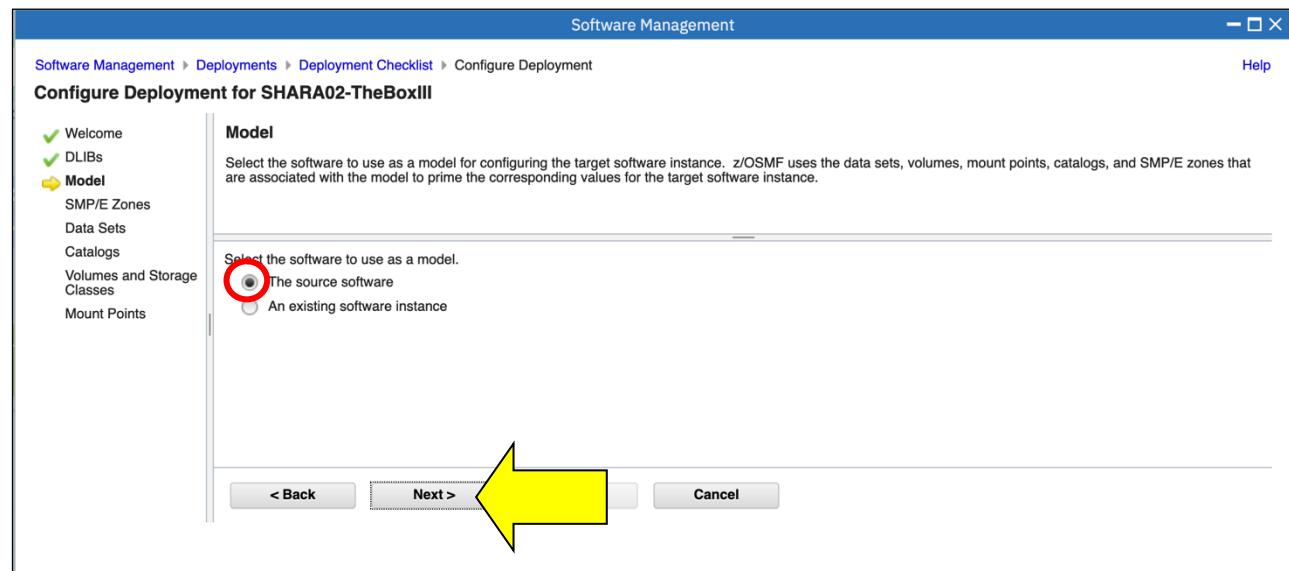
Select **Yes** because we want to take the DLIBs associated with the source software. Then **Next>**.



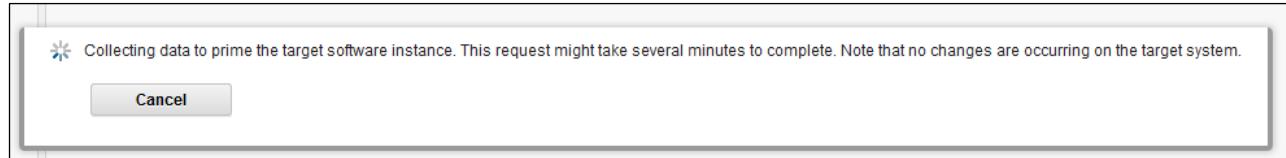
Assuming that this is the first time we've ever installed this product, we are going to model this deployment on what was sent to us.

Let's pause here a bit: when you are installing a product you already have (like the z/OS V2.5 operating system), it really is best to model after a prior level of z/OS (like V2.3 or V2.4). This is where you would do that. This saves a lot of time, as the data set placement and names you have in place for the older z/OS release, can be brought forward to the newer z/OS release.

For this lab, though, just select **The source software**, then click **Next>**.



Wait just a bit:



To show how easy it is to decide your own target and dlib zones names, enter something new here. Then click **Next>**.

Software Management

Software Management > Deployments > Deployment Checklist > Configure Deployment

Help

Configure Deployment for SHARA02-TheBoxIII

SMP/E Zones

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

Zones

Actions ▾

No filter applied

Target Zone Filter	Target DLIB Zone Filter	Messages Filter	Source Target Zone Filter	Source DLIB Zone Filter
MYTARG	MYDLIB		TGT	DLIB

< Back Next > Cancel

This is where you could spend a lot of time customizing the names and placements of data sets in your environment. Notice something interesting here: this PSI contains both SMP/E and non-SMP/E data sets, proving that the PSI doesn't care what it contains, and can handle both SMP/E and non-SMP/E data sets just fine. Of course, it doesn't even need to contain any SMP/E installed products if the ISV didn't want to package their product with SMP/E.

Target Data Set Name	Target Volume	Data Set Category	Data Set Type	Tracks	Messages	Source Data Set Name	Source Filter
CB.OSHOOLI.AHOOBIN		Dlib	PDS	4		CB.OSHOOLI.AHOOBIN	SL8D3
CB.OSHOOLI.AHOOMOD		Dlib	PDS	7		CB.OSHOOLI.AHOOMOD	SL360
CB.OSHOOLI.GLOBAL.CSI		Global, Dlib, Target, SMP/E	VSAM	2		CB.OSHOOLI.GLOBAL.CSI	SL340
CB.OSHOOLI.SHOOLMOD		Target	PDS	7		CB.OSHOOLI.SHOOLMOD	SL8B2
CB.OSHOOLI.SMPLOG		Global, Dlib, Target, SMP/E	SEQ	4		CB.OSHOOLI.SMPLOG	SL731
CB.OSHOOLI.SMPPTS		Global, Dlib, Target, SMP/E	PDS	4		CB.OSHOOLI.SMPPTS	SL8E6
CB.OSHOOLI.SMPSCDS		Target, SMP/E	PDS	4		CB.OSHOOLI.SMPSCDS	SL743
CB.OSHOOLI.WORKFLOW		Workflow	PDSE	6		CB.OSHOOLI.WORKFLOW	SL743
CB.OSHOOLI.ZFS	VSMPD1	Target	ZFS	15		CB.OSHOOLI.ZFS	VSMPI

You will need to change the Target Volume for all the datasets listed. Click on the upper left checkbox to select all the data sets, then Click **Action -> Modify**.

Software Management

Software Management > Deployments > Deployment Checklist > Configure Deployment

Configure Deployment for SHARA02-TheBoxIII_PTFs

Data Sets

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

	Target Volume Filter	Data Set Category Filter	Data Set Type Filter	Tracks Filter	Messa Filter
	Dlib	PDS	4		
	Dlib	PDS	7		
	Global, Dlib, Target, SMP/E	VSAM	2		
<input checked="" type="checkbox"/> CB.OSHOOLI.SHOOLMOD	Target	PDS	7		
<input checked="" type="checkbox"/> CB.OSHOOLI.SMPLOG	Global, Dlib, Target, SMP/E	SEQ	4		
<input checked="" type="checkbox"/> CB.OSHOOLI.SMPPTS	Global, Dlib, Target, SMP/E	PDS	4		
<input checked="" type="checkbox"/> CB.OSHOOLI.SMPSCDS	Target, SMP/E	PDS	4		
<input checked="" type="checkbox"/> CB.OSHOOLI.WORKFLOW	Workflow	PDSE	6		
<input checked="" type="checkbox"/> CB.OSHOOLI.ZFS	VSMPD1	Target	ZFS	15	

Total: 9 Selected: 9

< Back Next > Save Finish Cancel

You can change the HLQ (and volume) of all these data sets very quickly.

Change the **To:** from **CB.OSHOOLI** to **<your_userid>.HOOLI** You might need to change to a different HLQ, if someone else had done this lab before, and has selected the same HLQ as you. Just pick something with your userid in it, and "HOOLI" so we know what we can clean up on the system.

Select **Storage class** and enter **TSOPOOL** for the type, then click **OK**.

Software Management

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

Help

Modify Data Sets

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

Common data set qualifiers:

From: CB.OSHOOLI

To: **SHARA02.HOOLI**

Example data set name:
CB.OSHOOLI.AHOOBIN
SHARA02.HOOLI.AHOOBIN

Specify a location for the selected data sets:

Volume Storage class **TSOPOOL** System determined

Selected Data Sets

Actions	Target Data Set Name	Target Volume	Data Set Category	Data Set Type	Tracks
<input checked="" type="checkbox"/>	CB.OSHOOLI.AHOOBIN		Dlib	PDS	4
<input checked="" type="checkbox"/>	CB.OSHOOLI.AHOOLMOD		Dlib	PDS	7
<input checked="" type="checkbox"/>	CB.OSHOOLI.GLOBAL.CSI		Global, Target, SMP/E, Dlib	VSAM	2
<input checked="" type="checkbox"/>	CB.OSHOOLI.SHOOLMOD		Target	PDS	7
<input checked="" type="checkbox"/>	CB.OSHOOLI.SMPLOG		Global, Target, SMP/E, Dlib	SEQ	4
<input checked="" type="checkbox"/>	CB.OSHOOLI.SMPPTS		Global, Target, SMP/E, Dlib	PDS	4
<input checked="" type="checkbox"/>	CB.OSHOOLI.SMPSCDS		Target, SMP/E	PDS	4
<input checked="" type="checkbox"/>	CB.OSHOOLI.WORKER.QW		Workflow	PDSF	6

Total: 9 Selected: 9

OK Reset Cancel

If you wanted to investigate more functions like renaming or moving data sets, select the data set(s) and then do **Actions->Modify**. To move through this lab quickly, though, we won't show that. It is pretty intuitive once you select the data set. Spend time on this option if you like. Click on **Next>** when you are done.

The screenshot shows the 'Configure Deployment' step for 'SHARA02-TheBoxIII'. The left sidebar has 'Data Sets' selected. The main area shows a table of data sets with a context menu open over the first row. The 'Actions' dropdown is expanded, and the 'Modify' option is highlighted with a red circle. A large yellow arrow points from this menu towards the 'Next >' button at the bottom of the screen.

Here is where you would ensure the cataloging is as desired. If you want to investigate, just select your Prefix, and then **Actions ->** and what you'd like to do.
Click **Next>** to continue.

The screenshot shows the 'Configure Deployment' step for 'SHARA02-TheBoxIII'. The left sidebar has 'Catalogs' selected. The main area shows a table of target data set name prefixes with a context menu open over the first row. The 'Actions' dropdown is expanded, and the 'Modify' option is highlighted with a red circle. A large yellow arrow points from this menu towards the 'Next >' button at the bottom of the screen.

Next up is Volumes and Storage Classes. Since we updated this in the **Data Sets** step, this product will use Storage Classes. You could change volumes or Storage Classes here if you wanted. Keep going. Click **Next>**.

The screenshot shows the 'Software Management' interface with the title 'Configure Deployment for SHARA02-TheBoxIII'. The left sidebar has a tree view with nodes like Welcome, DLIBs, Model, SMP/E Zones, Data Sets, Catalogs, Volumes and Storage Classes (which is selected), and Mount Points. The main panel is titled 'Volumes and Storage Classes' and contains two tables: 'Target Volumes' and 'Target Storage Classes'. The 'Target Volumes' table has columns for Volume, Total Capacity (MB), Current Allocated Space (MB), Current Allocated Space (%), Messages, Allocated Space After Deployment (MB), Allocated Space After Deployment (%), Allocated Space Delta (MB), Planned Threshold (%), Initialize Volume Filter, Catalog Method Filter, and Indi Ent Filter. It displays a message: 'There is no data to display.' The 'Target Storage Classes' table has columns for Storage Class and Space Required (MB). It shows one entry: SHARE with a value of 1.36. At the bottom, there are 'Refresh' and 'Cancel' buttons, and a status message: 'Last refresh: Feb 18, 2020, 3:30:46 PM local time (Feb 18, 2020, 8:30:46 PM GMT)'. The 'Next >' button is highlighted with a large yellow arrow pointing towards it.

We are now at the last configurable change to do for the deployment: **Mount Points**. Select the mount point listed, click **Actions -> Modify Target Mount Point**.

The screenshot shows the 'Software Management' interface with the path: Software Management > Deployments > Deployment Checklist > Configure Deployment. The main title is 'Configure Deployment for SHARA02-TheBox11'. On the left, there is a navigation tree with items like Welcome, DLIBs, Model, SMP/E Zones, Data Sets, Catalogs, Volumes and Storage Classes, and Mount Points. The 'Mount Points' item is selected. The main panel displays a table titled 'Mount Points' with one row: Target Data Set Name: IBMUSR6.HOOLI.ZFS, Source mount point: /u/lbmusr6/hooli, and Source Data Set Name: IBMUSR6.HOOLI.ZFS. Below the table, there is a dropdown menu labeled 'Actions' with options: Select All, Deselect All, Configure Columns..., Hide Filter Row, Clear Sorts, Export Table Data, and Print Table Data. A yellow arrow points to the 'Modify Target Mount Point' option in this menu. At the bottom, there are buttons for < Back, Next >, Finish, and Cancel.

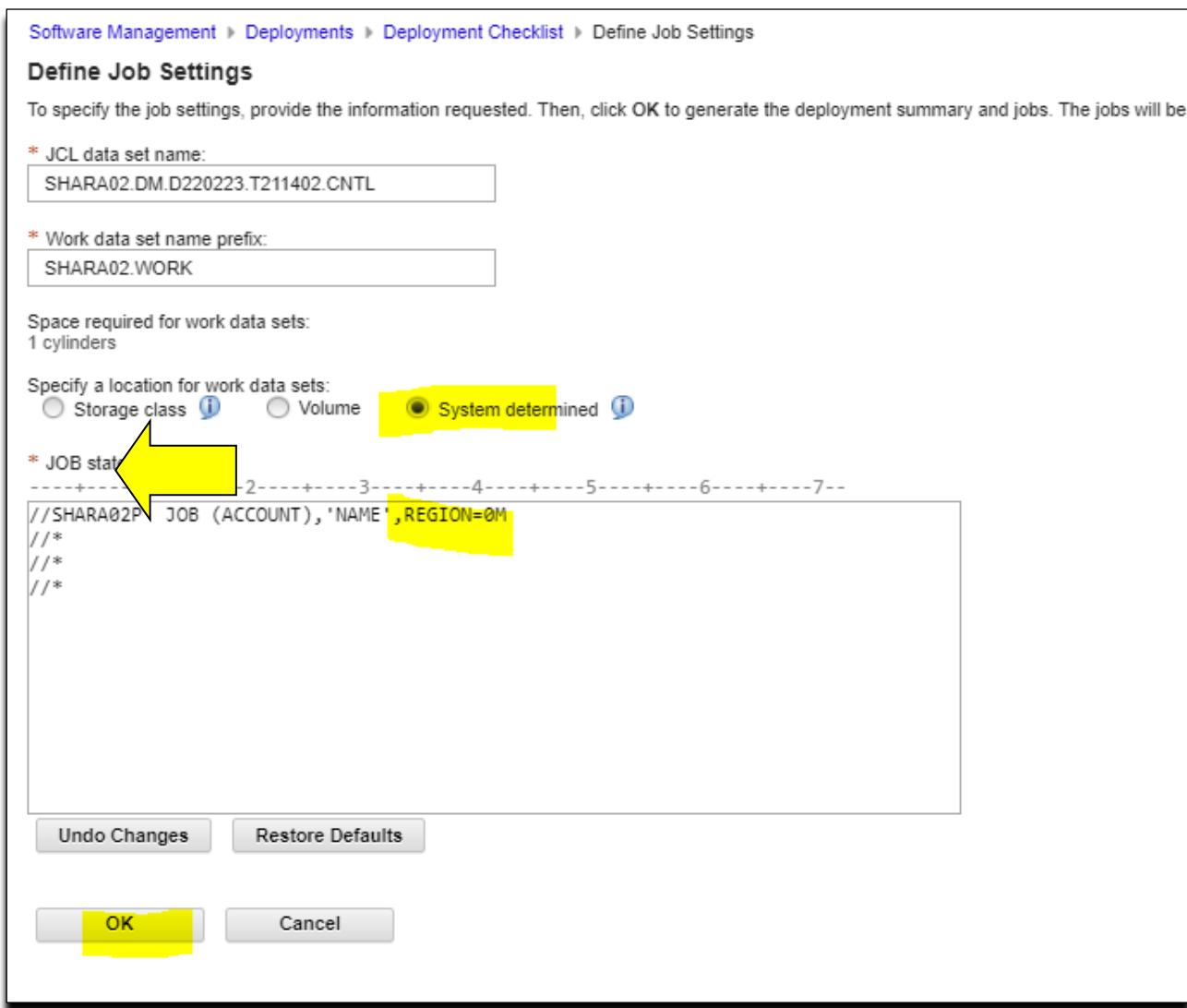
Change the To: to /u/<yourid>/hooli, and click **OK**. Then on the next screen click **Finish**.

The screenshot shows the 'Software Management' interface with the path: Software Management > Deployments > Deployment Checklist > Configure Deployment > Modify Mount Point. The title is 'Modify Target Mount Point'. It asks for a new target mount point for selected mount points. It shows 'From: /u/lbmusr6/hooli' and 'Example target mount point: /u/lbmusr6/hooli'. The 'To:' field is highlighted with a red oval and contains '/u/shara02/hooli'. Below it, it says 'Selected mount points' and shows a table with one row: Target mount point: /u/lbmusr6/hooli, Target Data Set Name: IBMUSR6.HOOLI.ZFS, Source mount point: /u/lbmusr6/hooli, and Source Data Set Name: IBMUSR6.HOOLI.ZFS. At the bottom, there are 'OK' and 'Cancel' buttons, with a yellow arrow pointing to the 'OK' button.

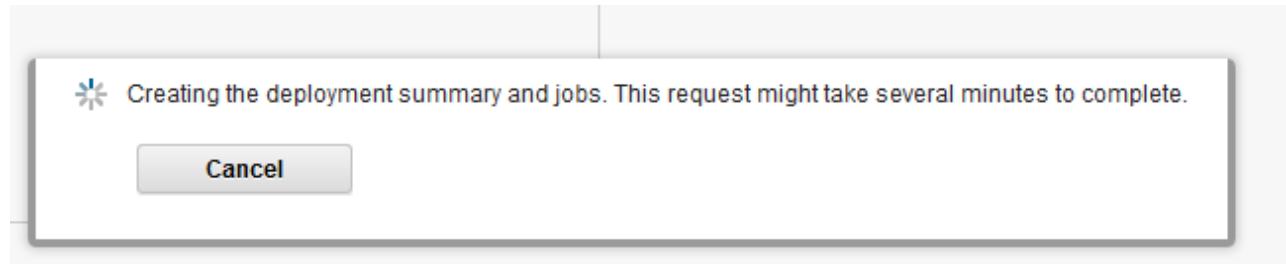
Back on the Deployment Checklist, we are moving right along. Click on **Define the job settings.** **z/OSMF creates the deployment summary and jobs.**

The deployment process we just went through will create a series of jobs to run. You can indicate where you want the jobs stored, and the JOB statement to use. You will also need some temporary space and you can indicate that here. Use “**System determined**” to show that we’ll just let the DFSMSsms ACS routines handle where to put this temporary space

For now, update the **JOBNAME** and ensure you have **REGION=0M** then click on **OK**.



Jobs are created:



Back on the Deployment Checklist, click on **Submit deployment jobs**.

In the deployment window, select the first job, and click **Actions -> Submit Job**. You can read the description of what each of the jobs will do.

Software Management

Software Management > Deployments > Deployment Checklist > Submit Deployment Jobs

Submit Deployment Jobs

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

JCL data set name: SHARA02.DM.D200220.T123856.CNTL
Target system: S2

Jobs

Actions	View	System Filter	Status Filter	Messages Filter	Job Name Filter
<input checked="" type="checkbox"/> Select All	Unzip Data Sets: Extract the target software instance data sets from the portable software instance archive files, into the location defined by the deployment configuration, using temporary and unique data set names.	S2			
<input type="checkbox"/> Deselect All	Rename Data Sets: Rename the target software instance data sets from their temporary and unique names to their desired names defined by the deployment configuration, and update catalog entries for the data sets as needed.	S2			
Configure Columns...	Update CSI Data Sets: Update the entries within the SMP/E CSI data sets to reflect the target software instance zone names, data set names and locations, and UNIX directory prefixes.	S2			

Total: 3 Selected: 1

Refresh Last refresh: Feb 20, 2020, 12:56:26 PM local time (Feb 20, 2020, 5:56:26 PM GMT)

Close

Click Refresh, eventually the Status will move to complete. To see the Job output, select the job, click **Actions -> View -> Job Output**. Go ahead and submit the other 2 Jobs. Click **Close** when you have completed all three jobs.

Software Management

Software Management > Deployments > Deployment Checklist > Submit Deployment Jobs

Submit Deployment Jobs

Messages 0 0 1

Job "SHARA02P" (JOB14763) has been submitted. IZUD786I Feb 20, 2020, 12:58:53 PM

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

JCL data set name: SHARA02.DM.D200220.T123856.CNTL
Target system: S2

Jobs

Actions	JCL	System Filter	Status Filter	Messages Filter	Job Name Filter
View Submit Job Purge... Cancel... Override Complete <input checked="" type="checkbox"/> Select All <input type="checkbox"/> Deselect All Configure Columns... Hide Filter Row Clear Sorts Export Table Data Print Table Data	Job Output <i>Descripti... Filter</i>	S2	<input checked="" type="checkbox"/> Complete		SHARA02P
	Unzip Data Sets: Extract the target software instance data sets from the portable software instance archive files, into the location defined by the deployment configuration, using temporary and unique data set names.	S2			
	Rename Data Sets: Rename the target software instance data sets from their temporary and unique names to their desired names defined by the deployment configuration, and update catalog entries for the data sets as needed.	S2			

Refresh Last refresh: Feb 20, 2020, 12:59:24 PM local time (Feb 20, 2020, 5:59:24 PM GMT)

Close

Back on the Deployment Checklist, click on **Perform workflows**.

In the Perform Workflow window, you will see there are 3 workflows. Select the first workflow, About your order, and click **Actions -> Open**

Software Management

Software Management > Deployments > Deployment Checklist > Perform Workflows

Perform Workflows

It is recommended that you open and complete all the workflows in sequential order before you proceed to the next step in the deployment checklist.

Workflow Definition Files

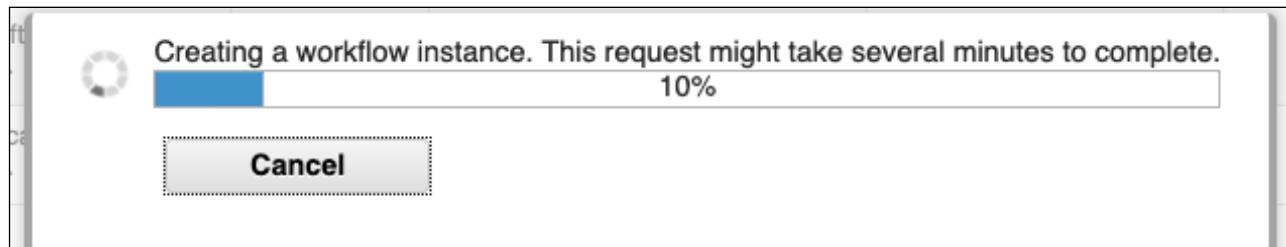
Actions	Description Filter	Messages Filter	Status Filter	Percent Complete	Owner Filter
<input checked="" type="checkbox"/> Open <input type="checkbox"/> Select All <input type="checkbox"/> Deselect All Configure Columns... Hide Filter Row Clear Sorts Export Table Data Print Table Data	Information about your ServerPac order.			0%	
	Configure the software in your ServerPac order.			0%	
	Installation verification for your ServerPac order.			0%	

Total: 3 Selected: 1

Refresh Last refresh: Feb 20, 2020, 1:06:32 PM local time (Feb 20, 2020, 6:06:32 PM GMT)

Close

This action will create the workflow “About your order”. Once created, it will bring you into that workflow, in another window.



In the Workflow, **About your order**, You will see two steps, **Copyright** (a Leaf Step) and **About Your Order** (A Parent Step), and if you click on the + next to **About Your Order**, you will see several additional leaf steps.

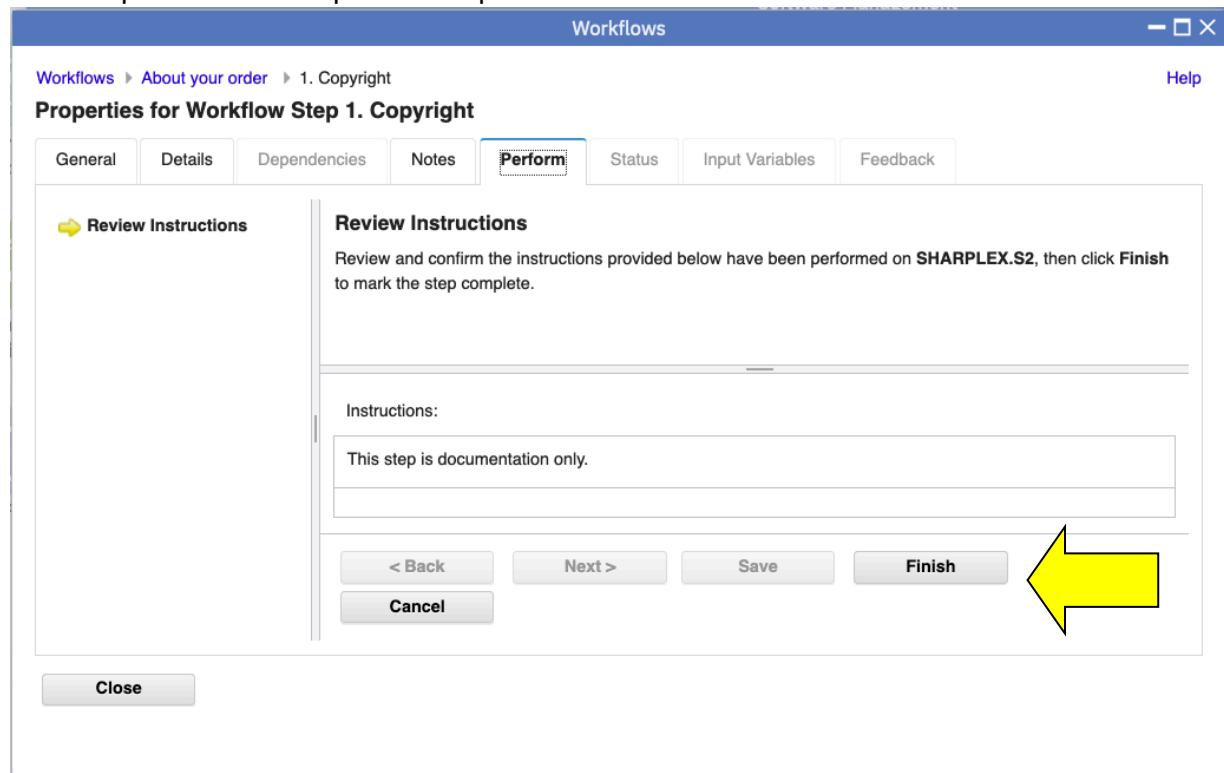
To perform the step, select the step, then click on the title, (example click on **Copyright**)

Action	State Filter	No. Filter	Title Filter	CalledWorkflow Filter	Automated Filter	Owner Filter
<input checked="" type="checkbox"/>	Ready	1	Copyright		No	shara02
<input type="checkbox"/>	In Progress	2	About Your Order			
<input type="checkbox"/>	Ready	2.1	About your ServerPac		No	shara02
<input type="checkbox"/>	Ready	2.2	Order Information		No	shara02

Total: 8 Selected: 1

[Return to Workflows](#) [Refresh](#) Last refresh: Feb 20, 2020, 1:38:21 PM local time (Feb 20, 2020, 6:38:21 PM GMT)

The **Copyright** is informational only, go ahead and click on the different tabs. When you get to **Perform**, click on **Finish**. The rest of the steps in this workflow are also informational. Complete each step until all the steps are complete.



You can click on **Return to Workflows** when you are ready to go back to your deployment tasks in z/OSMF Software Management from Workflows.

Go back to **Software Management** window, **Perform Workflow** and click **Refresh**, you will see that the About your order step will be marked Complete. Complete all three workflows if you feel like it. (Note: Some steps will have JCL jobs to run) and click **Close** when you don't want to do more Workflow tasks...

Software Management

Software Management > Deployments > Deployment Checklist > Perform Workflows

Perform Workflows

It is recommended that you open and complete all the workflows in sequential order before you proceed to the next step in the deployment checklist.

Workflow Definition Files

Action	Sequence	Name	Description	Messages	Status	Percent Complete	Owner
<input type="checkbox"/>	1	About your order	Information about your ServerPac order.		Complete	100%	shara02
<input type="checkbox"/>	2	Configuration	Configure the software in your ServerPac order.			0%	
<input type="checkbox"/>	3	Verify	Installation verification for your ServerPac order.			0%	

Total: 3 Selected: 0

Refresh 2020, 1:42:31 PM local time (Feb 20, 2020, 6:42:31 PM GMT)

Close

Back on the Deployment Checklist, click on **Specify the properties for the target software instance**. Now that you have this product install, you could give it another software instance name, for instance <your_userid>-TheBoxIII_PTFs_Install Click **OK**.

Software Management

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

Specify Target Software Instance Properties

* Target software instance name:
SHARA02-TheBoxIII

Description: (maximum 256 characters, currently 55 characters)
The Box III, Gavin Belson Signature Edition, by Hooli

Categories

Action	Name	Description	Activity	Last Modified (Local)	Modified By	Locked (Local)	Locked By
<input type="checkbox"/>							

Total: 0 Selected: 0

Refresh Last refresh: Feb 20, 2020, 1:52:57 PM local time (Feb 20, 2020, 6:52:57 PM GMT)

OK Cancel

Congratulations!! You have just deployed a Portable Software Instance. You should will now get 3 messages. You can **Close** out of this window.

The product, feature, and FMID information for software instance "SHARA02-TheBoxIII" on system "S2" was retrieved.	IZUD164I	Feb 20, 2020, 1:54:40 PM	
Deployment "SHARA02TheBoxIII" is complete.	IZUD155I	Feb 20, 2020, 1:54:38 PM	
Target software instance "SHARA02-TheBoxIII" was added or updated.	IZUD154I	Feb 20, 2020, 1:54:38 PM	

Clean up

After you've done all the poking around that you like on this deployment, it would be nice of you to delete your deployment you just made to keep unnecessary deployments cleaned off the system. Click on **Deployments**, select your own deployment, then **Actions -> Remove**. (Make sure to check to delete the workflow instances associated with the selected deployment)

From the Software Management window, go back to the **Portable Software Instances**, select your PSI and click **Actions -> Remove**.

Thank you for being a good user on our system!