



Welcome to z/OSMF training, Z/OSMF Product Installation.

Welcome

- Welcome to the z/OSMF training.
- Broadcom is more committed than ever to the Software Management experience and assisting clients to simplify the transition to z/OSMF.
- This course was designed to assist sites manage their software with z/OSMF.
- This session covers z/OSMF Software Management to install a software instance.



Broadcom Proprietary and Confidential. Copyright © 2022 Broadcom. All Rights Reserved. The term "Broadcom" refers to Broadcom Inc. and/or its subsidiaries.



Broadcom is committed to assisting clients to simplify their transition to z/OSMF Software Management of their mainframe software products. This is one of several courses to help clients install and maintain their software products using z/OSMF. This course covers using z/OSMF Software Management to install a Portable Software Instance.

Course Objectives

After this course, you will be able to:

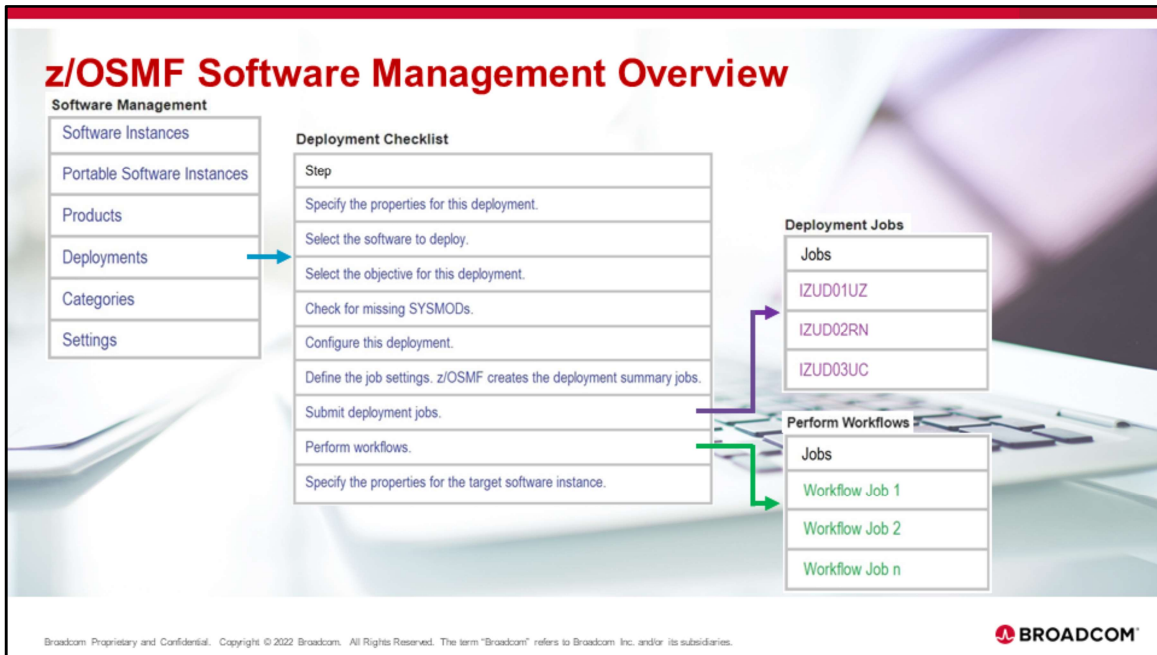
- Understand the steps to install a Software Instance using z/OSMF Software Management, including the configuration and submission of the Deployment and Workflow jobs.
- Note that prior to installing a Software Instance the software need to be acquired and added as Portable Software Instance. Please see the 'Acquire a z/OSMF Portable Software Instance' course.



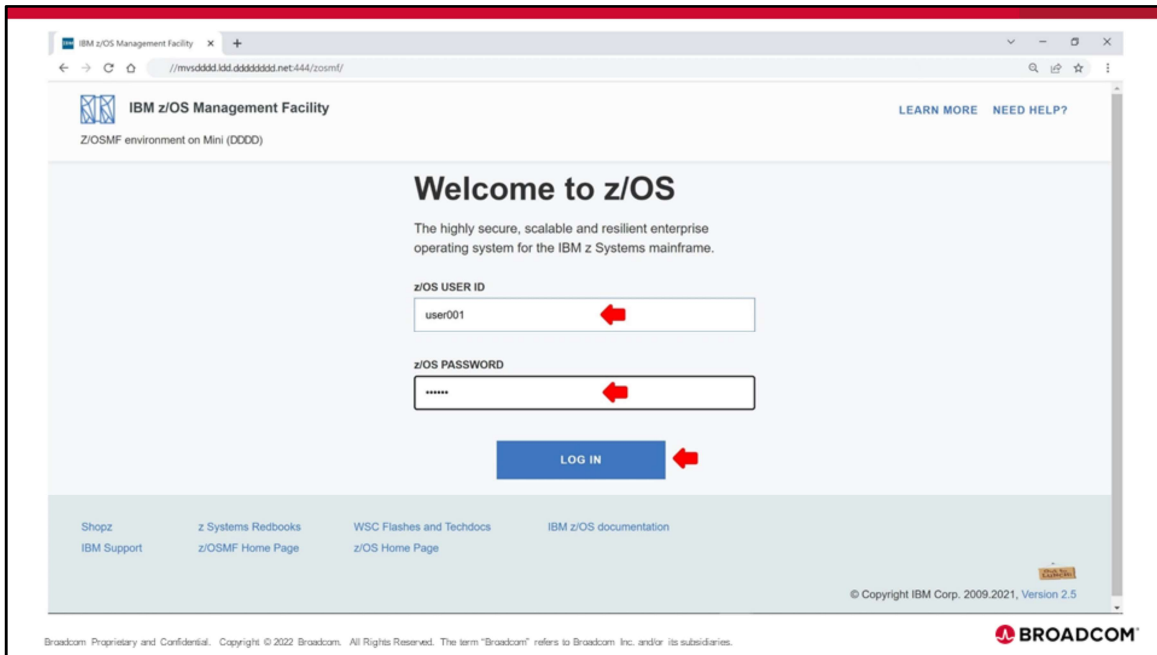
Broadcom Proprietary and Confidential. Copyright © 2022 Broadcom. All Rights Reserved. The term "Broadcom" refers to Broadcom Inc. and/or its subsidiaries.



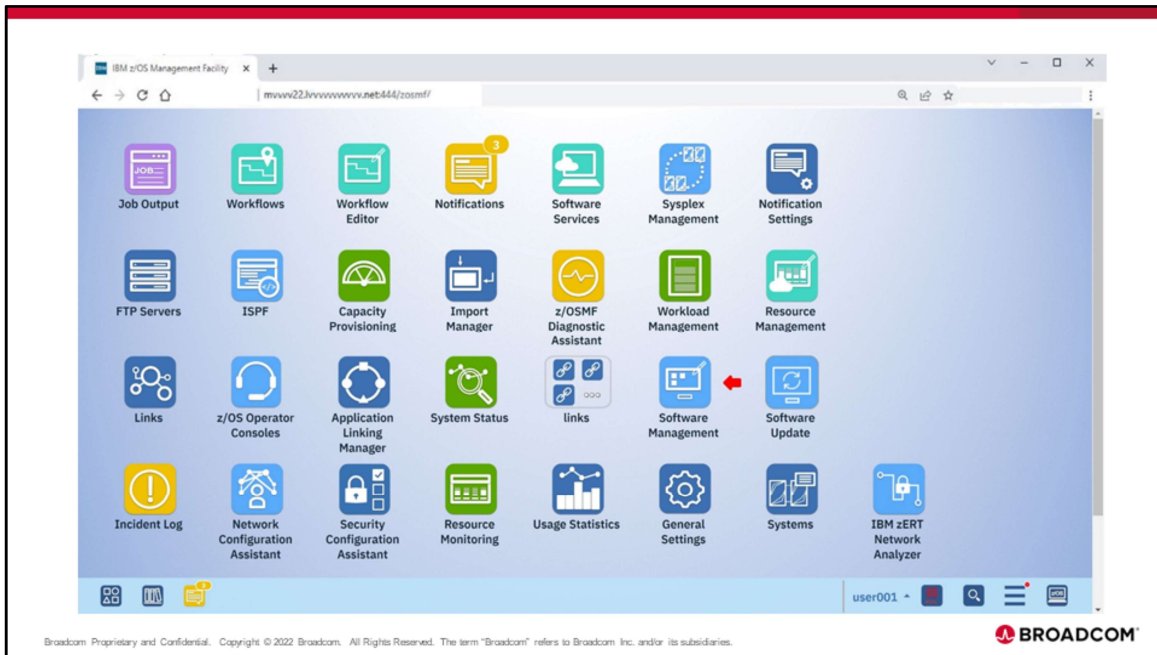
This course will help you to understand the steps to install a Portable Software Instance using z/OSMF Software Management.



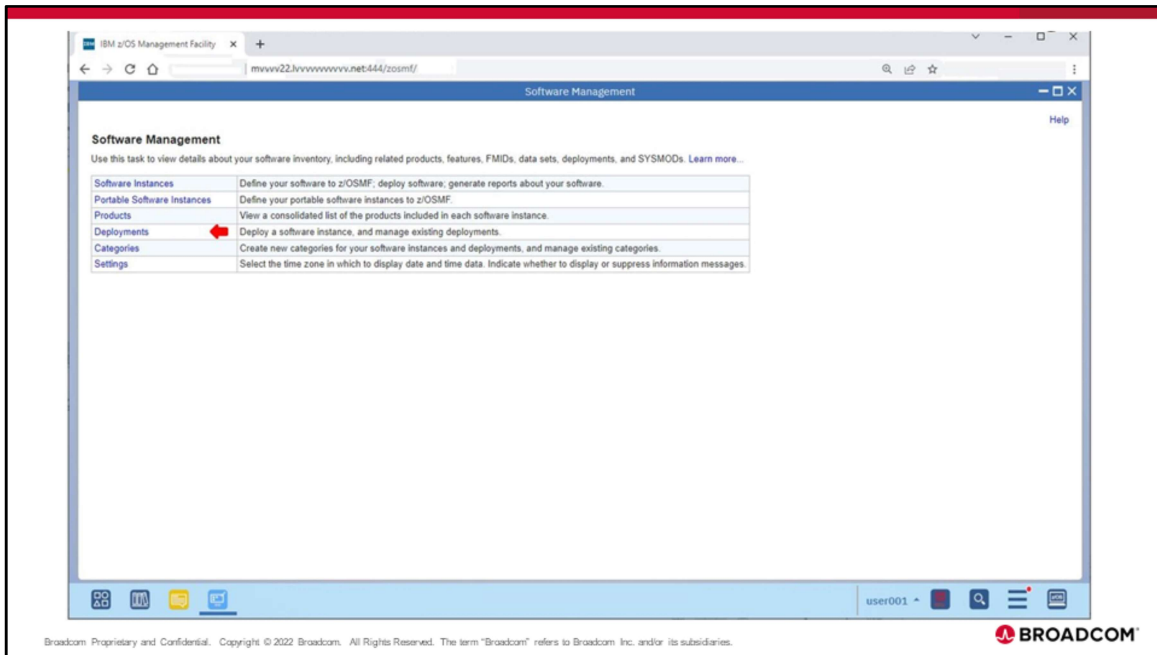
This is an overview of the z/OSMF process to deploy a Software Instance. Select 'Deployments' from the primary 'Software Management' menu to open the 'Deployment Checklist' steps which are required to be completed. Note that two of the Deployment steps 'Submit deployment jobs.' and 'Perform workflows' include sub-steps for jobs associated with deployment jobs and workflow jobs. There are 3 deployment jobs for all products and 1 or more workflow jobs based on the product.



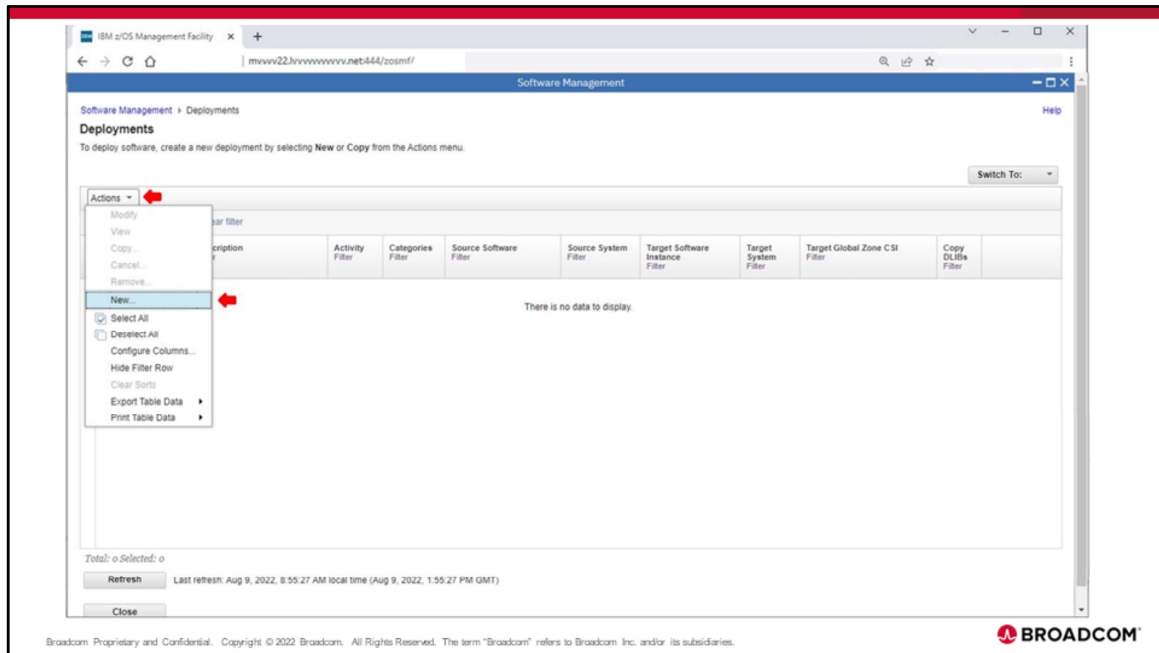
Logon to z/OSMF.



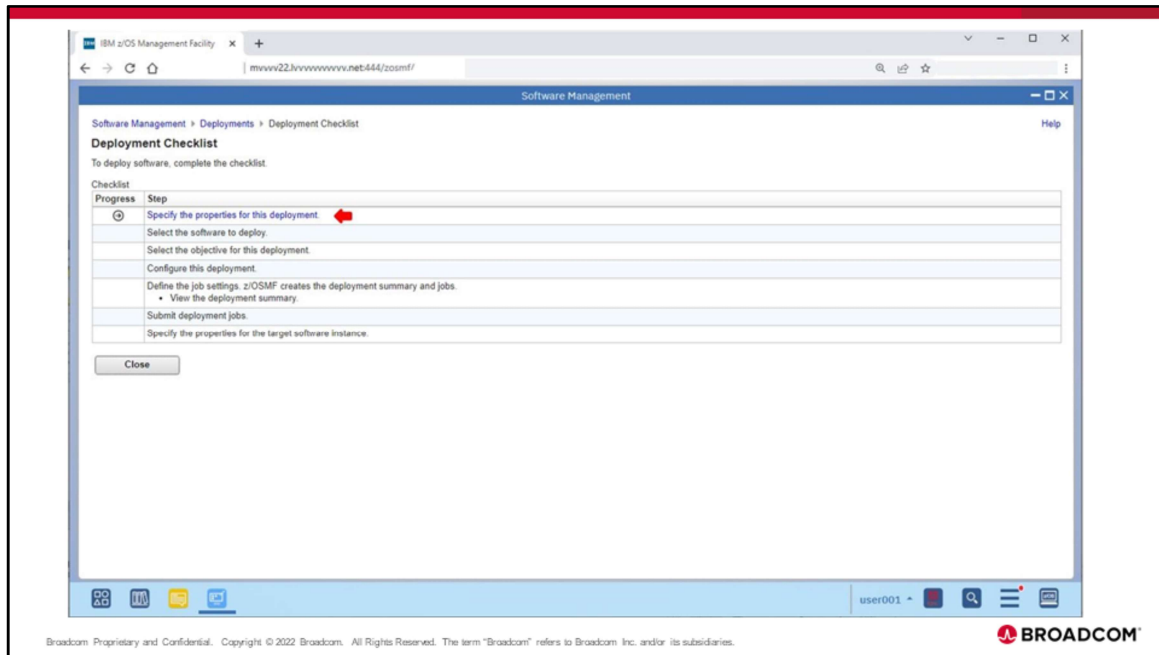
Select 'Software Management' by double clicking on the icon.



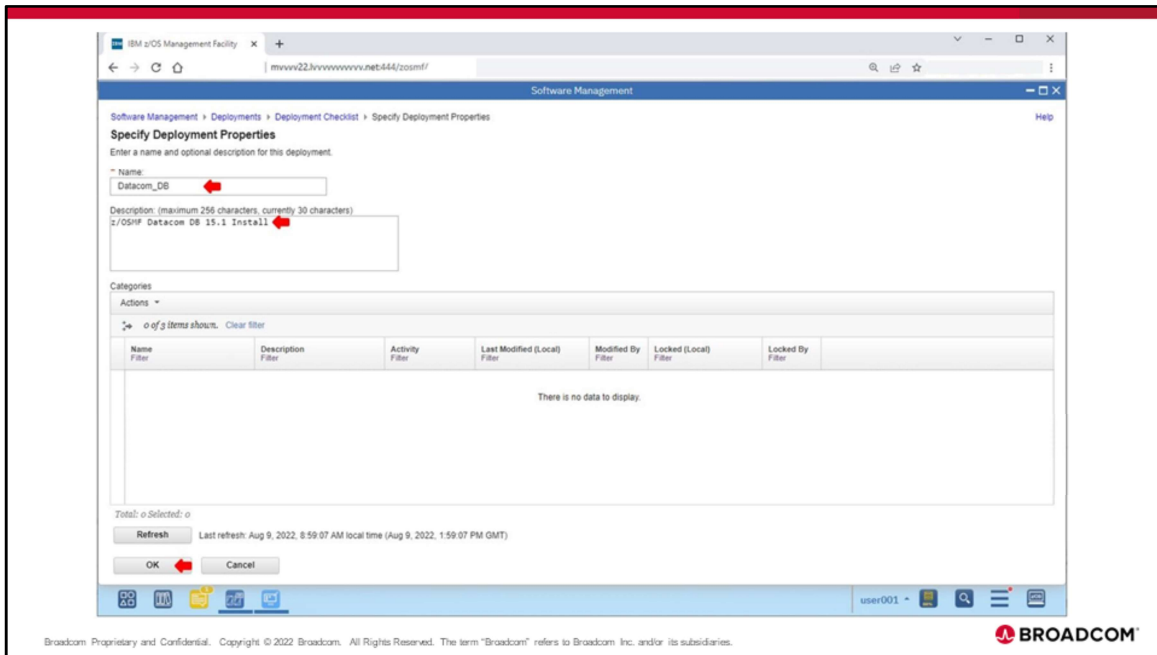
Click on the 'Deployment' task to install a product that has been acquired.



Define a new deployment by selecting **New** from the Actions menu.
The deployment checklist displays. You can also modify, view, copy, cancel, or remove existing deployments.

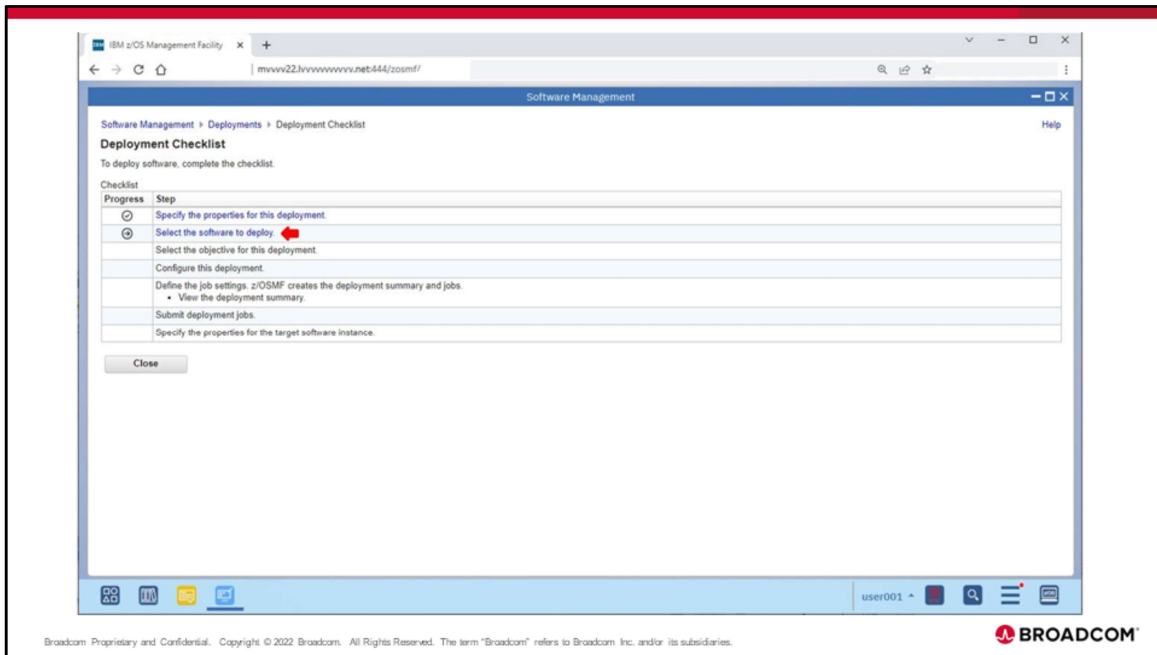


Complete the deployment checklist items as described in [Defining new deployments](#) in the IBM documentation.
Click on 'Specify the properties for this deployment'.

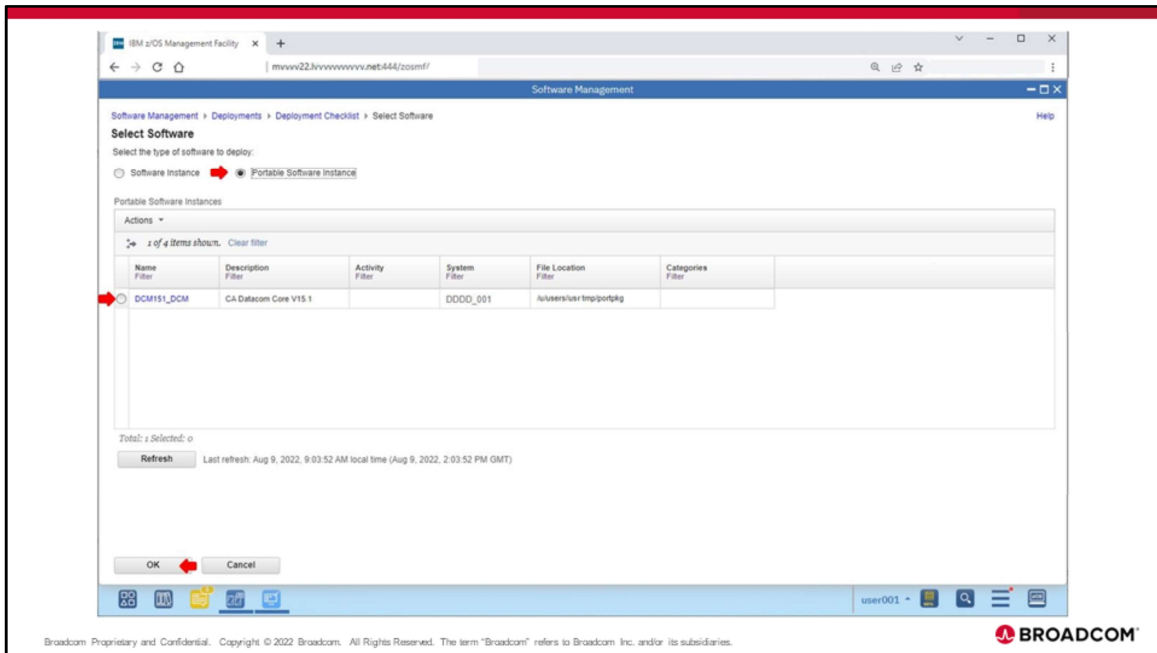


As you complete the deployment checklist, be sure to make the following selections:

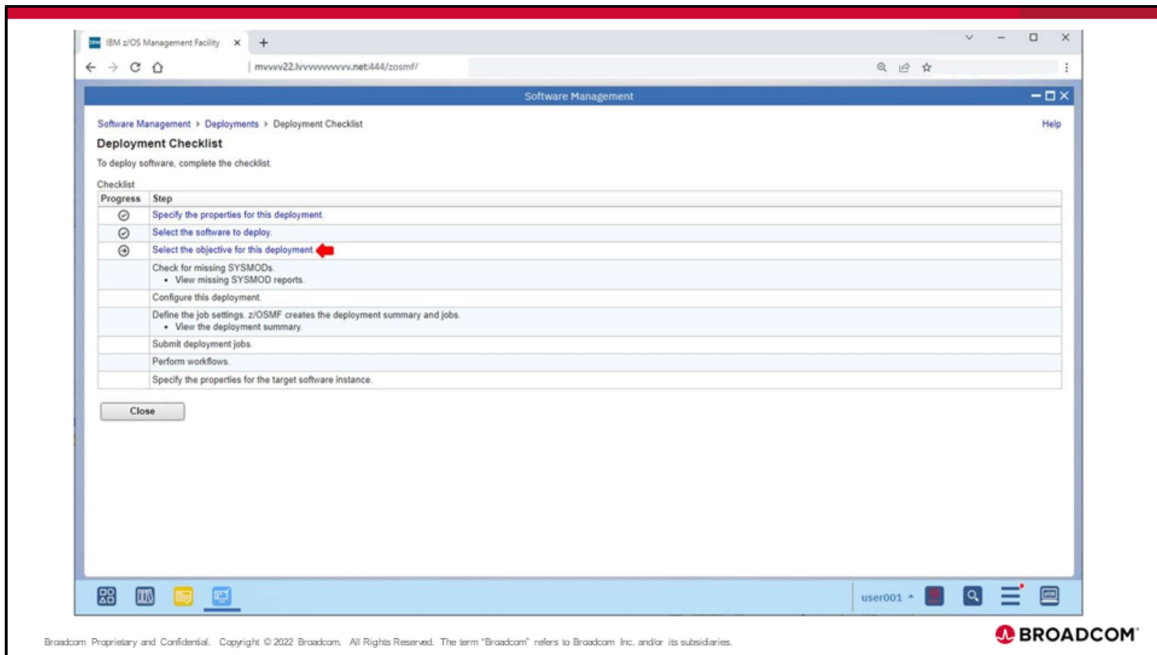
Specify the properties for this deployment (name, description, and optional category). Then click OK:



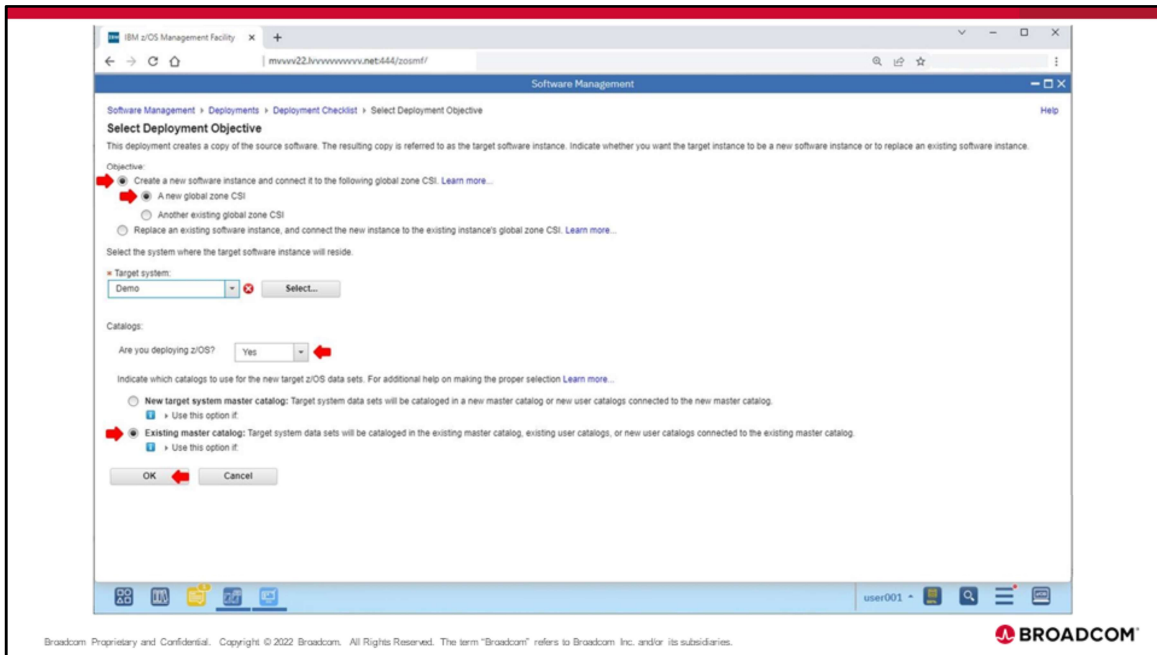
Select the software to deploy.



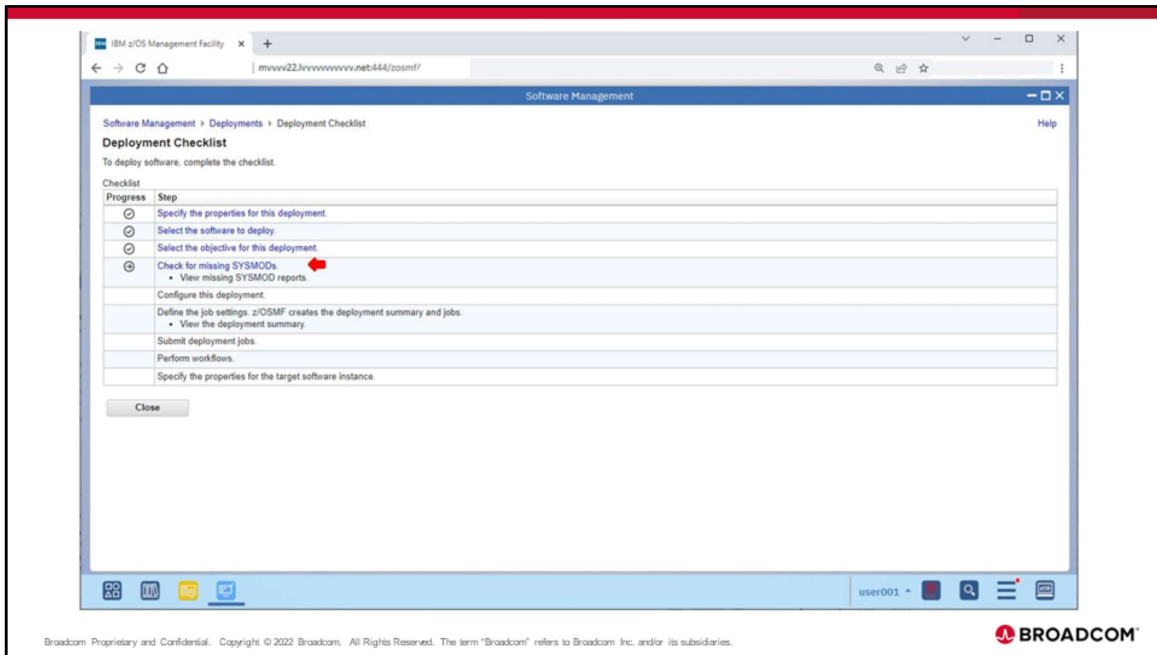
Click on 'Portable Software Instance', check the desired Portable Software Instance then click on OK.



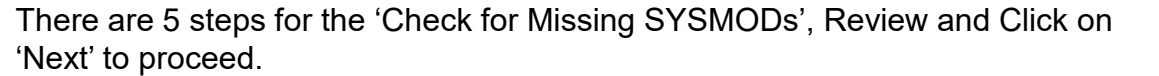
Click on 'Select the objective for this deployment.'

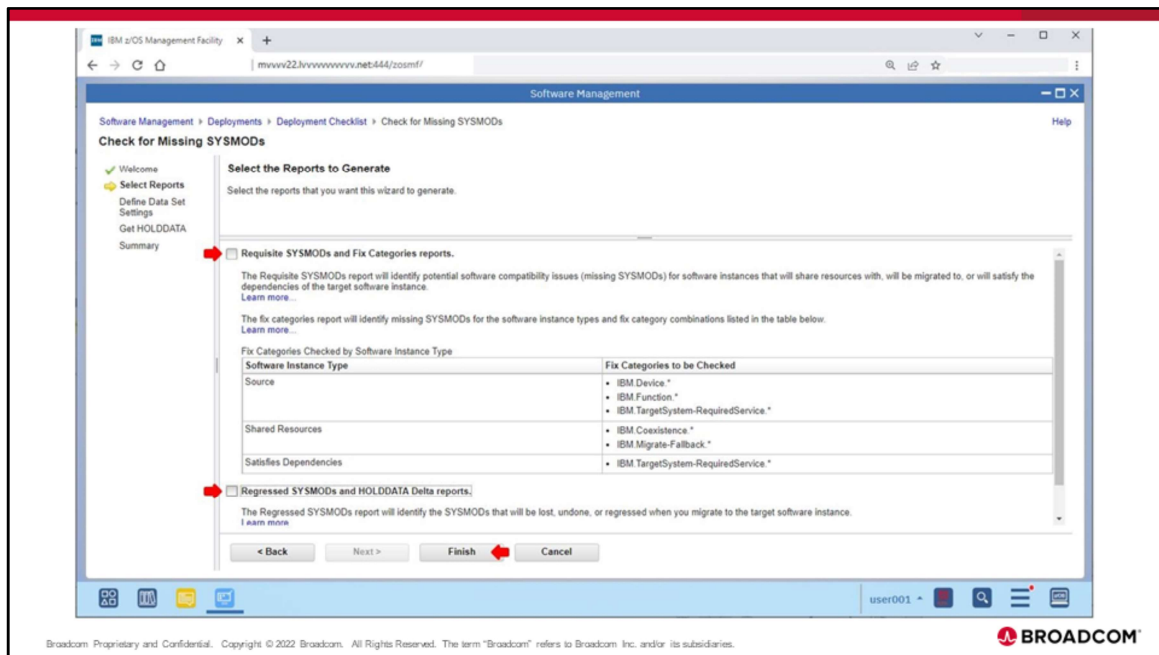


On the 'Select Deployment Objective', Click on 'Create a new software instance',
click on 'A new global zone CSI', select or enter the 'Target system',
select 'Yes' for 'Are you deploying z/OS?', click on
'Existing master catalog', then click 'OK'.

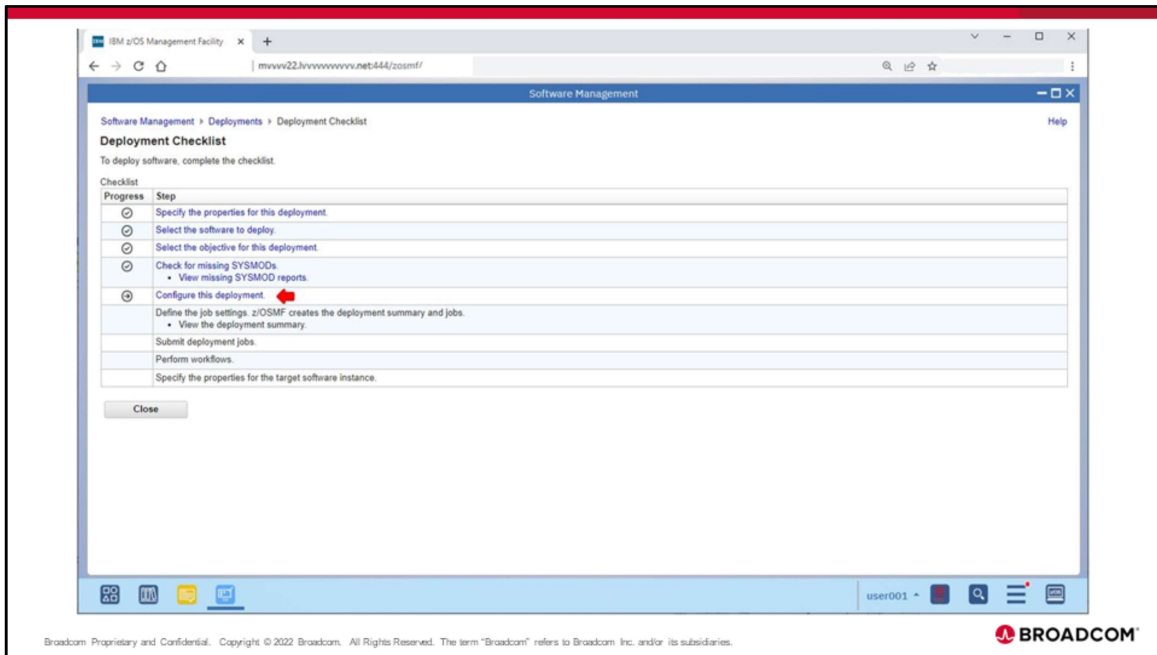


Click on 'Check for missing SYSMODs.'

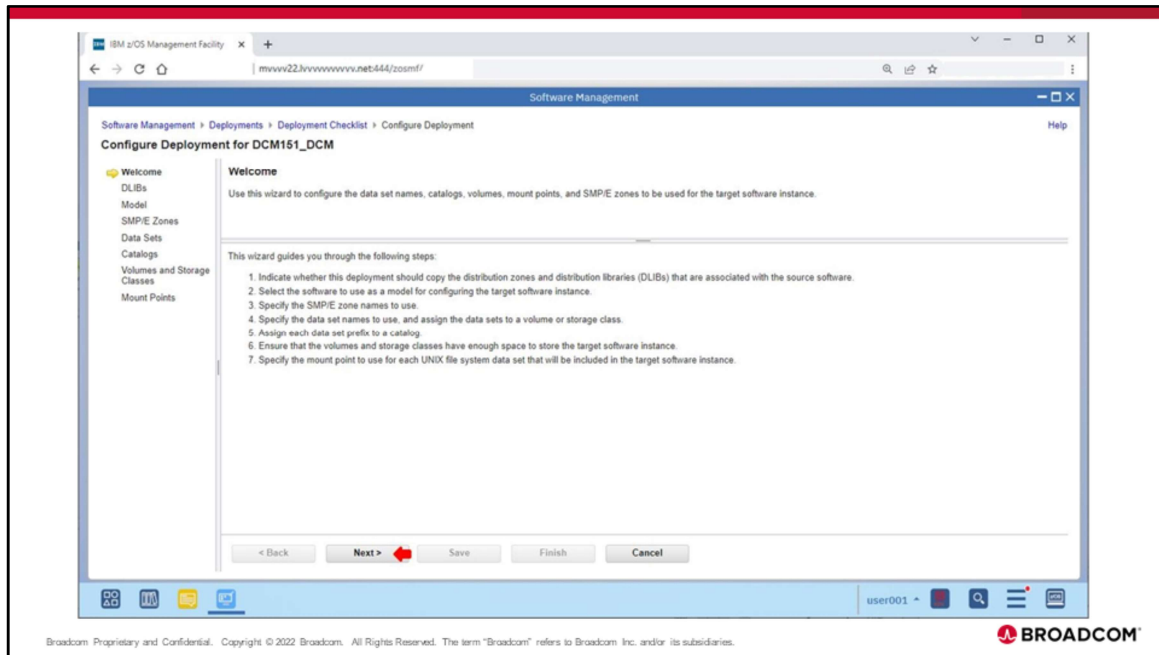




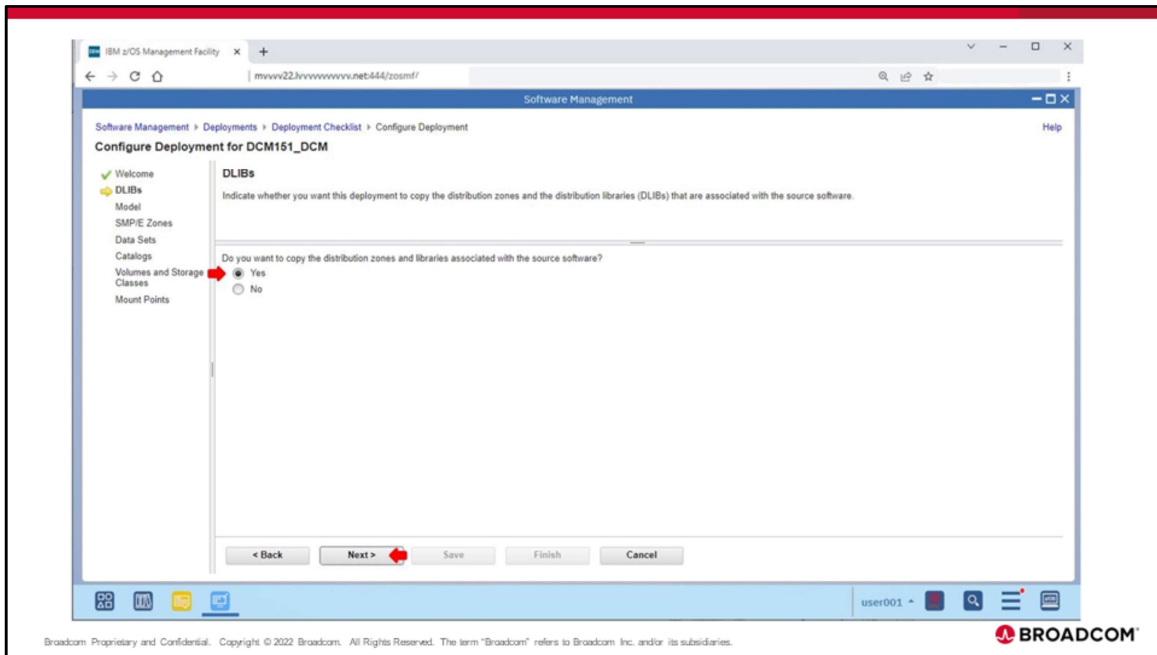
Check for missing SYSMODs and view missing SYSMOD reports.
For this step, deselect the following report options:
Requisite SYSMODs and Fix Categories reports
Regressed SYSMODs and HOLDDATA Delta reports
Click on 'Finish', to bypass the next three 'Check for Missing SYSMODs' steps.



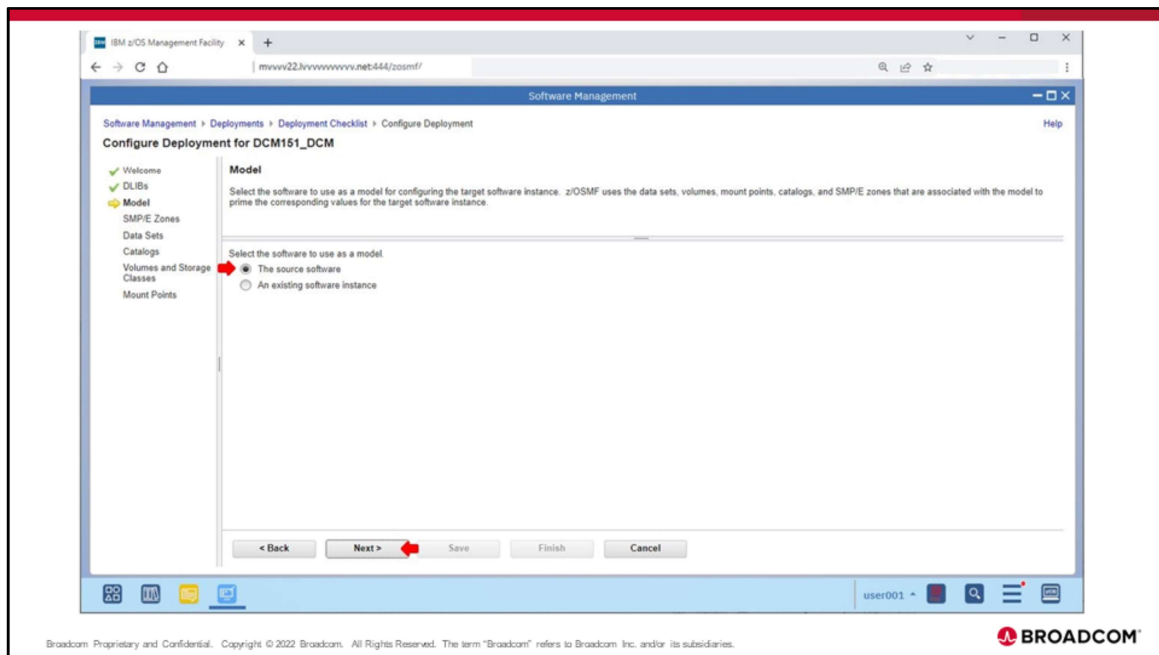
Click on 'Configure this deployment' to define the target software instance.



There are 9 steps in the 'Configure Deployment' for the software instance, review and Click on 'Next' to proceed.

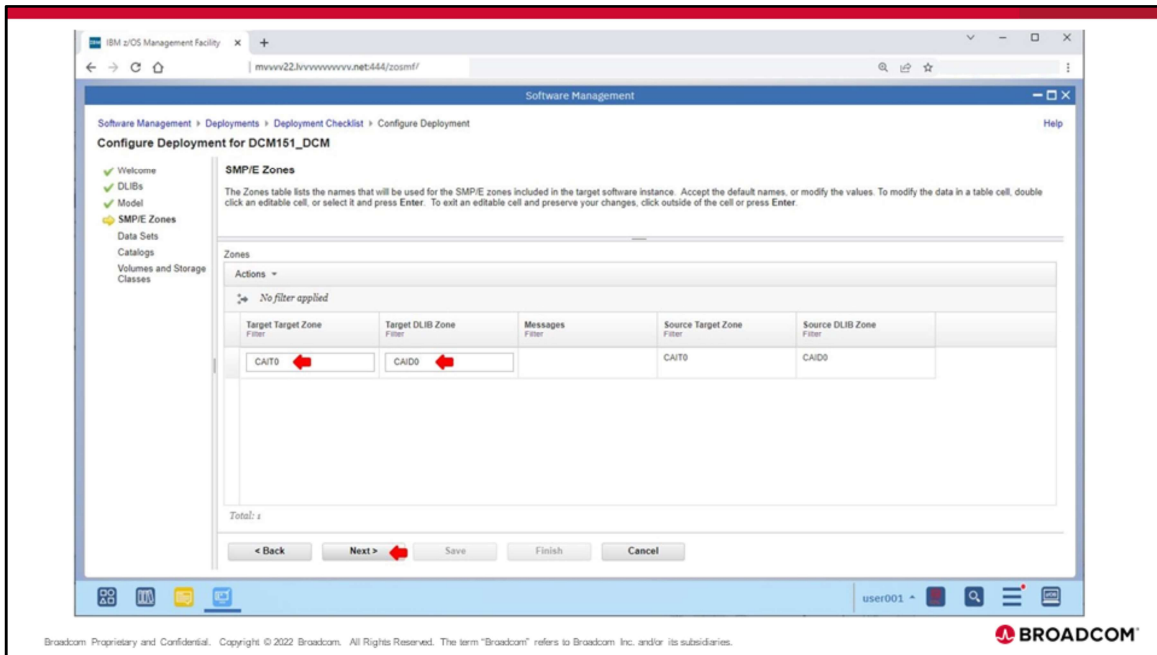


For **DLIBs**, specify **Yes** to copy the distribution zones and libraries that are associated with the source software. The names and the storage class or volumes of the new data sets can be customized in a later step. Click on 'Next'

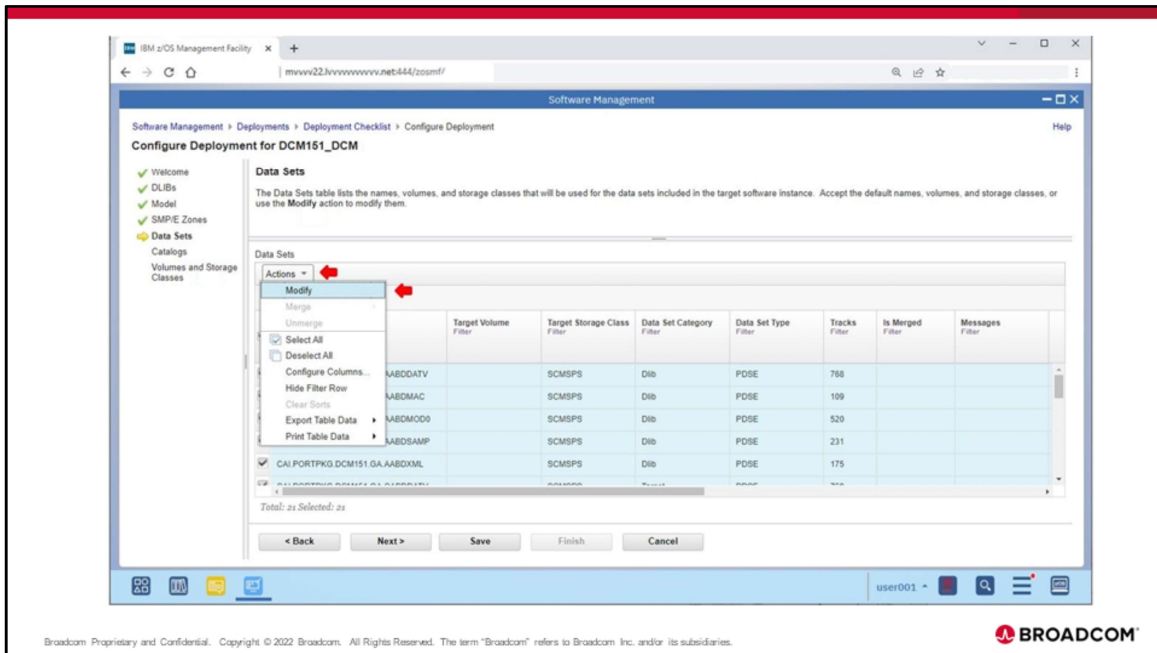


For **Model**, check **The source software** to use as a model. z/OSMF uses the data sets, volumes, mount points, catalogs, and SMP/E zones that are associated with the model to specify default values for the target software instance. Click on 'Next'.

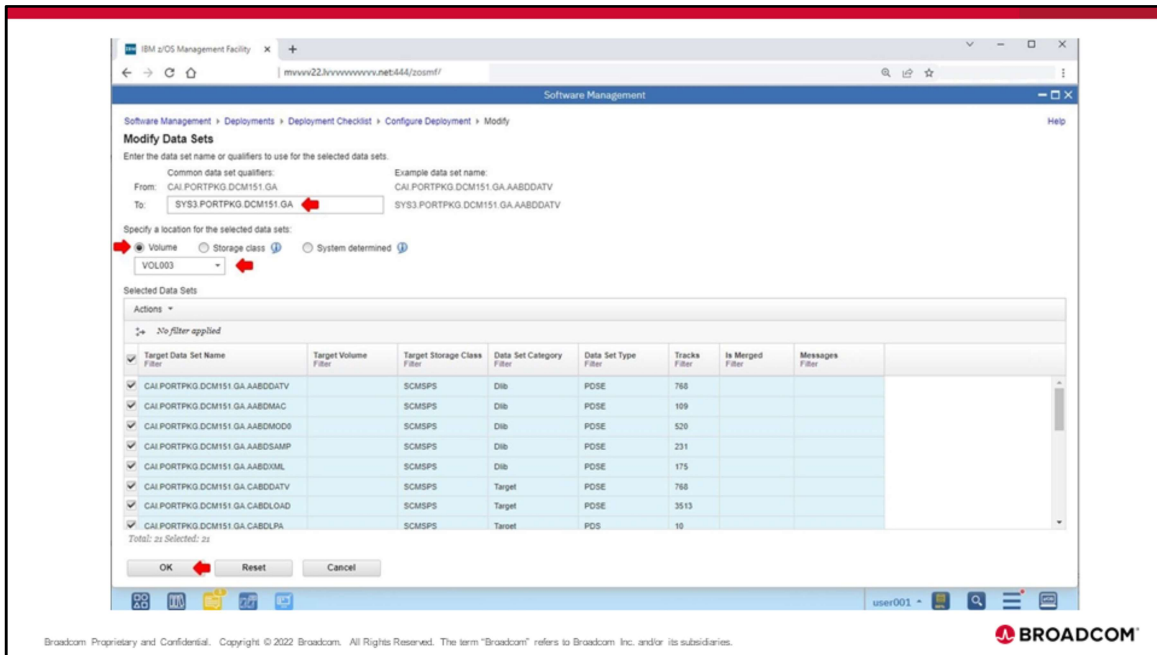
If the objective is to replace an existing software instance, the existing instance is used as the model, in this example we this a new deployment of new portable software instance.



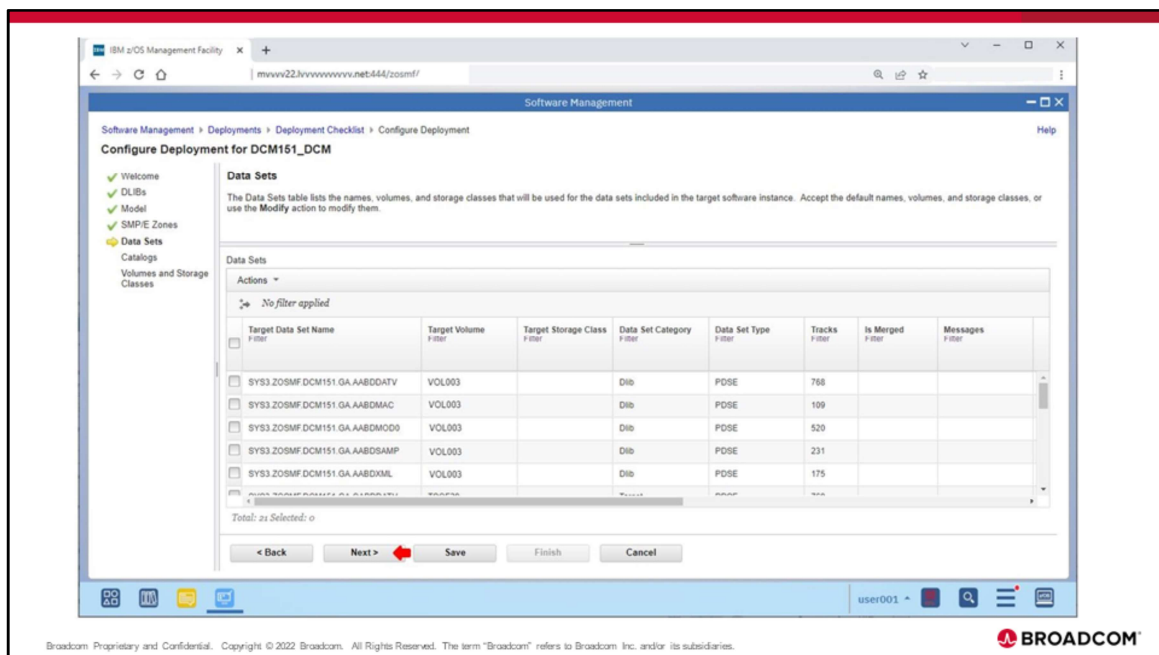
For **SMP/E Zones**, use the default DLIB and TLIB names or modify as required .
Click on 'Next'



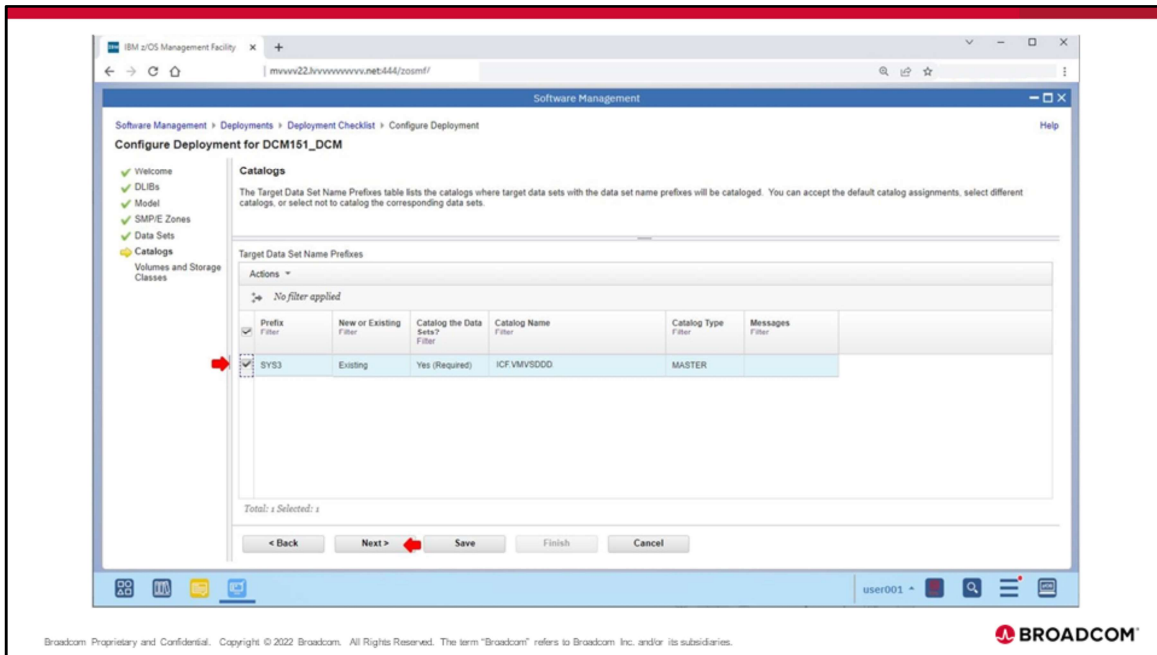
To modify the default Data Set names and volume/storage class, click 'Actions', 'Select All', then click 'Actions' again and then 'Modify'.



To change the defaults, for **Data sets**, change the target data set name prefix to the one that you want to use for your deployment. Specify a volume or storage class to identify where to create the target data sets. Click 'OK' to make the changes.



Verify the changes and click 'Next' to continue.



For **Catalogs**, no action is required assuming that your target data set prefix is defined in a user catalog. Click on prefix, then 'Next'

Software Management > Deployments > Deployment Checklist > Configure Deployment

Configure Deployment for DCM151_DCM

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

Volumes and Storage Classes

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

Target Volumes

Actions

No filter applied

Volume Filter	Total Capacity (MB) Filter	Current Allocated Space (MB) Filter	Current Allocated Space (%) Filter	Messages Filter	Allocated Space After Deployment (MB) Filter	Allocated Space After Deployment (%) Filter	Allocated Space Delta (MB) Filter	Planned Threshold (%) Filter	Initialize Volume Filter	Catalog Method Filter	Indirect Catalog Entry Symbol Filter
• VVOL003	55689.38	2923.07	5		3419.22	6	496.15	85	No	Direct	

Refresh Last refresh: Aug 2, 2022, 2:39:47 PM local time (Aug 2, 2022, 7:39:47 PM GMT)

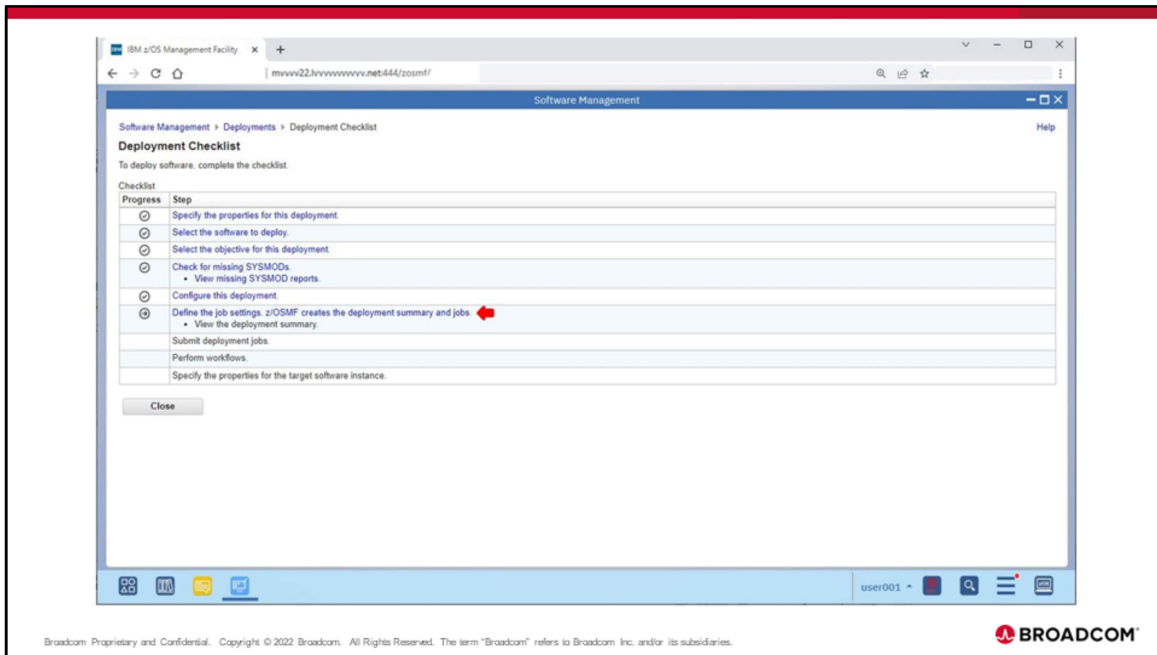
< Back Next > Save Finish Cancel

user001

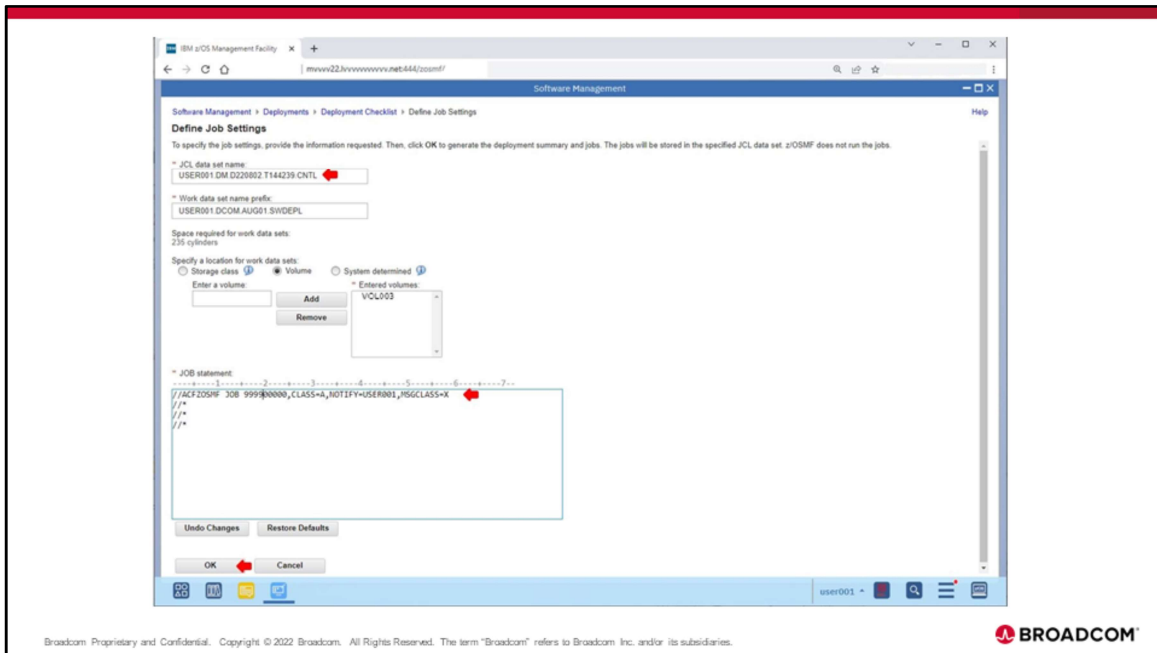
Broadcom Proprietary and Confidential. Copyright © 2022 Broadcom. All Rights Reserved. The term "Broadcom" refers to Broadcom Inc. and/or its subsidiaries.

BROADCOM

A summary is presented of the target data sets to be created and how much space is required. If there are no 'Messages' click 'Finish'

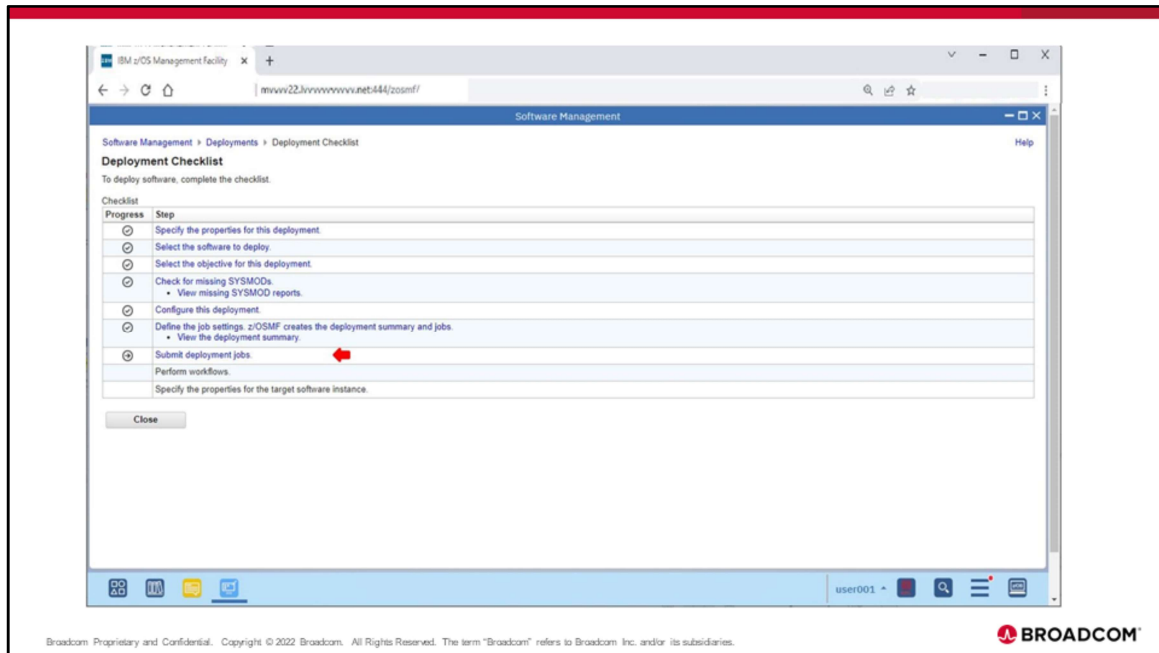


Click on 'Define the job settings. z/OSMF creates the deployment summary and jobs.' to define the job settings to generate JCL to install the software and view the deployment summary.



Use the default 'JCL data set name:' and or 'Work data set name prefix:' or update with the desired data set names. Update the 'location for work data sets' as needed, update the 'Job' statement as needed, then click 'OK'.

Note: Some product installations may require a larger regions size for the deployment jobs, to avoid potential issues add REGION=0M to the job statement.



Click on 'Submit Deployment Jobs'.

IBM z/OS Management Facility x

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: USER001.DM.D220802.T144239.CNTL
Target system: DDDD_001

Jobs

Actions

- View
- Submit Job**
- Purge
- Cancel
- Override Complete
- Select All
- Deselect All
- Configure Columns...
- Hide Filter Row
- Clear Sorts
- Export Table Data
- Print Table Data

Description	System	Status	Messages	Job Name	Job ID
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.	DDDD_001				
Rename Data Sets: Rename the target software instance data sets from their temporary and unique names to their true names defined by the deployment configuration, and update catalog entries for the data sets as needed.	DDDD_001				
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.	DDDD_001				

Total: 3 Selected: 1

Refresh Last refresh: Aug 2, 2022, 2:50:24 PM local time (Aug 2, 2022, 7:50:24 PM GMT)

Close

user001

Broadcom Proprietary and Confidential. Copyright © 2022 Broadcom. All Rights Reserved. The term "Broadcom" refers to Broadcom Inc. and/or its subsidiaries.

BROADCOM

Click 'Submit Job' to submit the first deployment job.

Software Management > Deployments > Deployment Checklist > Submit Deployment Jobs

Submit Deployment Jobs

Messages: 0 0 1 [Close All](#)

Job "ACFZOSMF" (JOB06122) has been submitted. IZUD0786I Aug 2, 2022, 2:53:18 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: USER001.DM.D220602.T144239.CNTL
Target system: DDDD_001

Jobs

Sequence Filter	JCL Data Set Member Name Filter	Description Filter	System Filter	Status Filter	Messages Filter	Job Name Filter	Job ID Filter
1	IZUD01UZ	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.	DDDD_001	Submitted		ACFZOSMF	JOB06122
2	IZUD02RN	Rename Data Sets: Rename the target software instance data sets	DDDD_001				

Total: 3 Selected: 0

Refresh Last refresh: Aug 2, 2022, 2:50:24 PM local time (Aug 2, 2022, 7:50:24 PM GMT)

Close

user001

Broadcom Proprietary and Confidential. Copyright © 2022 Broadcom. All Rights Reserved. The term "Broadcom" refers to Broadcom Inc. and/or its subsidiaries.

BROADCOM

'Submitted' will display under the 'Status' column, note the 'Job has been submitted' message in blue, wait for each job to complete, click on **Refresh** to check for job completion in z/OSMF.

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: USER001.DM.D220802.T144239.CNTL
Target system: DDDD_001

Jobs

Actions

No filter applied

Sequence Filter	JCL Data Set Member Name Filter	Description Filter	System Filter	Status Filter	Messages Filter	Job Name Filter	J(P)
<input type="checkbox"/> 1	IZUD01U2	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.	DDDD_001	Complete		ACFZ05MF	JC
<input type="checkbox"/> 2	IZUD02RN	Rename Data Sets: Rename the target software instance data sets from their temporary and unique names to their true names defined by the deployment configuration, and update catalog entries for the data sets as needed.	DDDD_001				
<input type="checkbox"/> 3	IZUD03UC	Update CSI Data Sets: Update the entries within the SMP/E CSI data sets to reflect the target software instance zone names, data set names and locations, and UNIC directory prefixes.	DDDD_001				

Total: 3 Selected: 0

Refresh Last refresh: Aug 4, 2022, 1:46:01 PM local time (Aug 4, 2022, 6:46:01 PM GMT)

Close

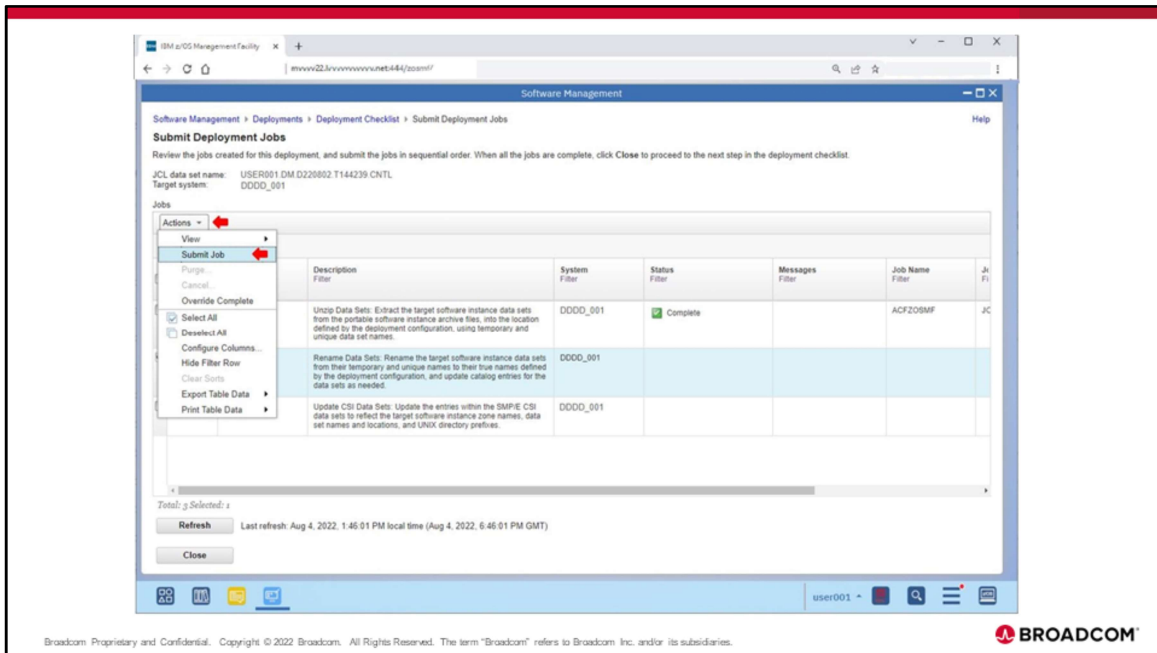
user001

Broadcom Proprietary and Confidential. Copyright © 2022 Broadcom. All Rights Reserved. The term "Broadcom" refers to Broadcom Inc. and/or its subsidiaries.

BROADCOM

Status 'Complete' indicates the job completed with a zero return code. Possible status values:

Canceled
Complete
Warning
Error
In Progress



After successful completion of the first deployment job, follow the same procedure for the second deployment job.

The screenshot shows the 'Submit Deployment Jobs' page in the IBM z/OS Management Facility. A message at the top states: 'Job "ACFZOSMF" (J0806231) has been submitted.' Below this, a table lists the deployment jobs:

Sequence	JCL Data Set Member Name	Description	System	Status	Messages	Job Name
1	IZUD01UZ	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.	DOOD_001	Complete		ACFZOSMF
2	IZUD02RN	Rename Data Sets: Rename the target software instance data sets from their temporary and unique names to their true names defined by the deployment configuration, and update catalog entries for the data sets as needed.	DOOD_001	Submitted		ACFZOSMF

At the bottom of the table, it says 'Total: 2 Selected: 0'. There are 'Refresh' and 'Close' buttons. The 'Refresh' button is highlighted, indicating it should be clicked to check for job completion.

Note the 'Status' 'Submitted' for the second deployment job. click on **Refresh** to check for job completion in z/OSMF.

Software Management > Deployments > Deployment Checklist > Submit Deployment Jobs

Submit Deployment Jobs

Messages: 0 0 1 1

Job "ACFZOSMF" (JOB06231) has been submitted. (ZUD788) Aug 4, 2022, 1:48:55 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: USER001 DM 0220802 T144239 CNTL
Target system: DDDD_001

Jobs

Actions: No filter applied

Sequence Filter	JCL Data Set Member Name Filter	Description Filter	System Filter	Status Filter	Messages Filter	Job Name Filter
1	ZUD01U2	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.	DDDD_001	Complete		ACFZOSMF
2	ZUD02RN	Rename Data Sets: Rename the target software instance data sets from their temporary and unique names to their true names defined by the deployment configuration, and update catalog entries for the data sets as needed.	DDDD_001	Complete		ACFZOSMF
3	ZUD03RN	Install PDS Data Sets: Install the program within the QDSSE PDS.	DDDD_001			

Total: 3 Selected: 0

Refresh Last refresh: Aug 4, 2022, 1:49:40 PM local time (Aug 4, 2022, 6:49:40 PM GMT)

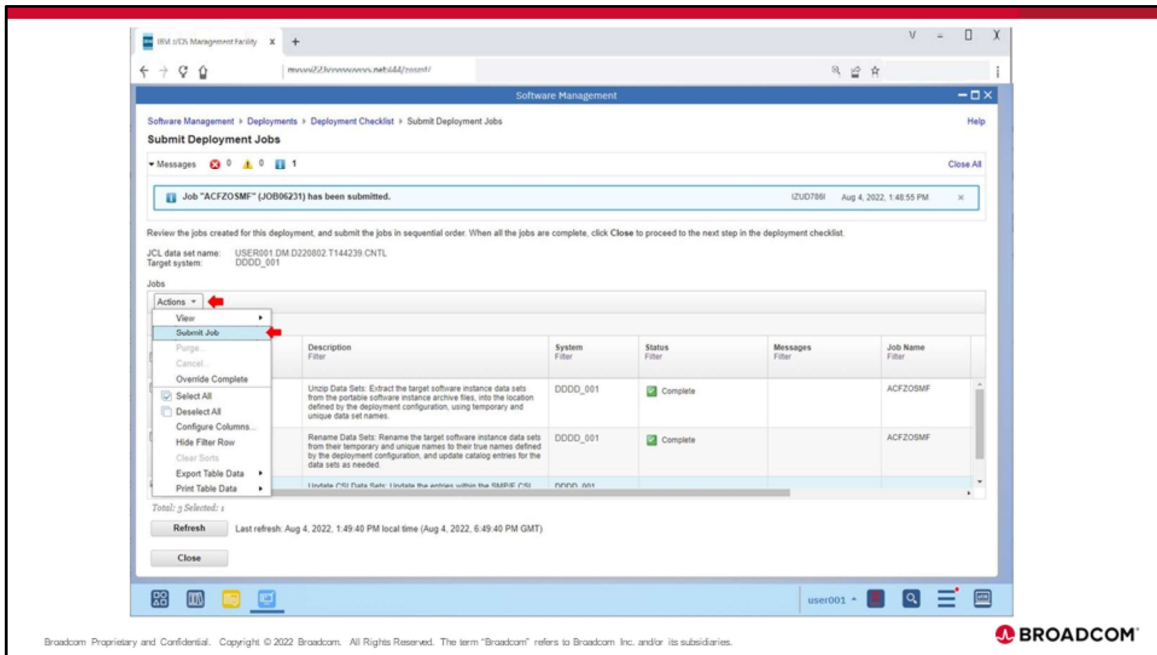
Close

user001

Broadcom Proprietary and Confidential. Copyright © 2022 Broadcom. All Rights Reserved. The term "Broadcom" refers to Broadcom Inc. and/or its subsidiaries.

BROADCOM

Status 'Complete' indicates the second deployment job completed with a zero return code.



After successful completion of the first and second deployment jobs, follow the same procedure for the third deployment job.

Software Management

Software Management > Deployments > Deployment Checklist > Submit Deployment Jobs

Submit Deployment Jobs

Messages 0 0 2 Close All

Job "ACF205MF" (JOB06232) has been submitted. IZUD7591 Aug 4, 2022, 1:52:42 PM

Job "ACF205MF" (JOB06231) has been submitted. IZUD7591 Aug 4, 2022, 1:48:55 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: USER001.DM.D220802.T144239.CNTL
Target system: DDDD_001

Jobs

Actions

No filter applied

Sequence Filter	JCL Data Set Member Name Filter	Description Filter	System Filter	Status Filter	Messages Filter	Job Name Filter	JL Filter
1	UCD01U2	Unzip Data Set: 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.	DDDD_001	Complete		ACF205MF	JC
2	UCD02RH	Rename Data Set: Rename the target software instance data sets from their temporary and unique names to their true names defined by the deployment configuration, and update catalog entries for the data sets as needed.	DDDD_001	Complete		ACF205MF	JC
3	UCD03UC	Update CSI Data Set: 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 profiles.	DDDD_001	Complete		ACF205MF	JC

Total: 3 Selected: 0

Refresh Last refresh Aug 4, 2022, 1:52:48 PM local time (Aug 4, 2022, 6:52:48 PM GMT)

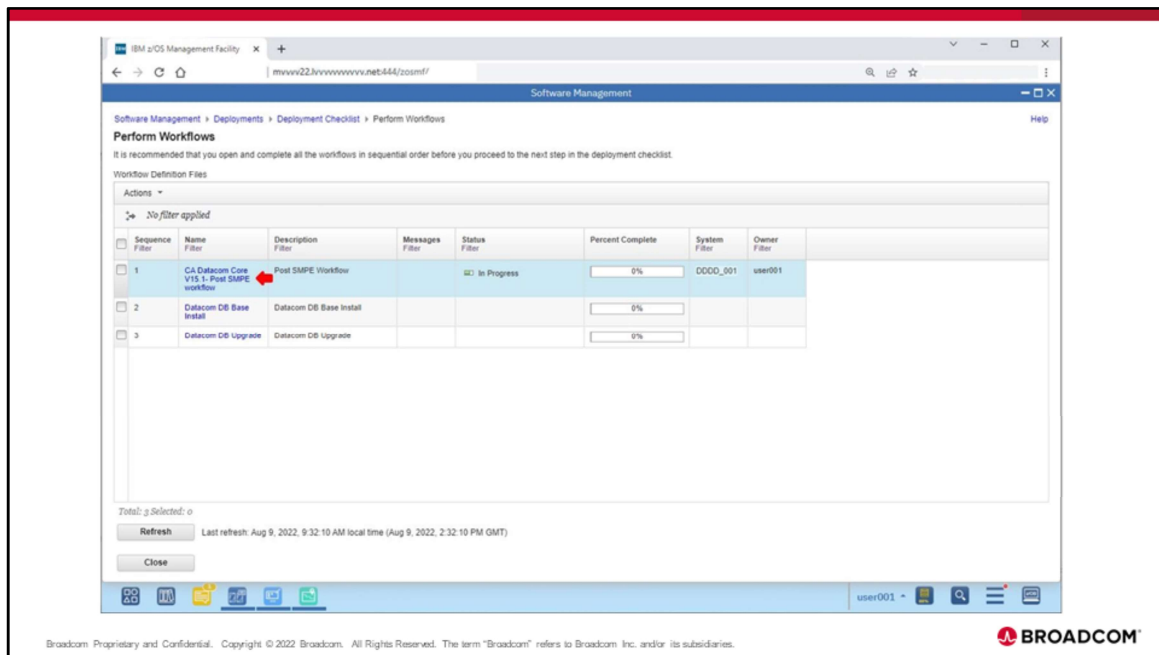
Close

Broadcom Proprietary and Confidential. Copyright © 2022 Broadcom. All Rights Reserved. The term "Broadcom" refers to Broadcom Inc. and/or its subsidiaries.

BROADCOM

Status 'Complete' for all three deployment jobs indicates that the jobs completed with a zero return code. Click on 'Close' to continue with the 'Deployment Checklist'.





Most products have at least one of the following workflows:

- Post SMP/E Workflow

Updates the CSI with site-specific external data sets, relinks load modules, and optionally mounts USS directories.

Note: If prompted for the data set name of a load library for an IBM product that is not installed, specify your installed

- Base installation Workflow

Configures a new software instance for your product software.

- Upgrade Workflow

Updates an existing software instance for your product to a new product release.

For the Datacom product there are all three workflows.

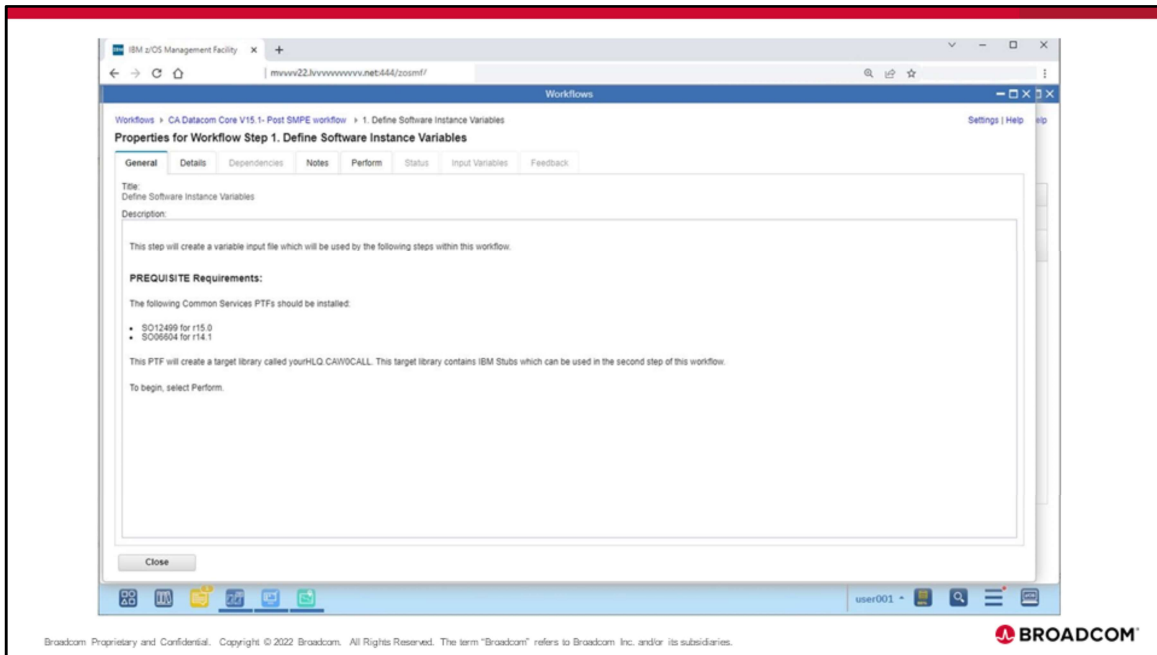
Click on the Workflow name to proceed with the first Post SMPE Workflow.

The screenshot displays the 'Workflows' section of the IBM p/OS Management Facility. The selected workflow is 'CA Datacom Core V15.1- Post SMPE workflow'. The 'Workflow Steps' table lists three steps:

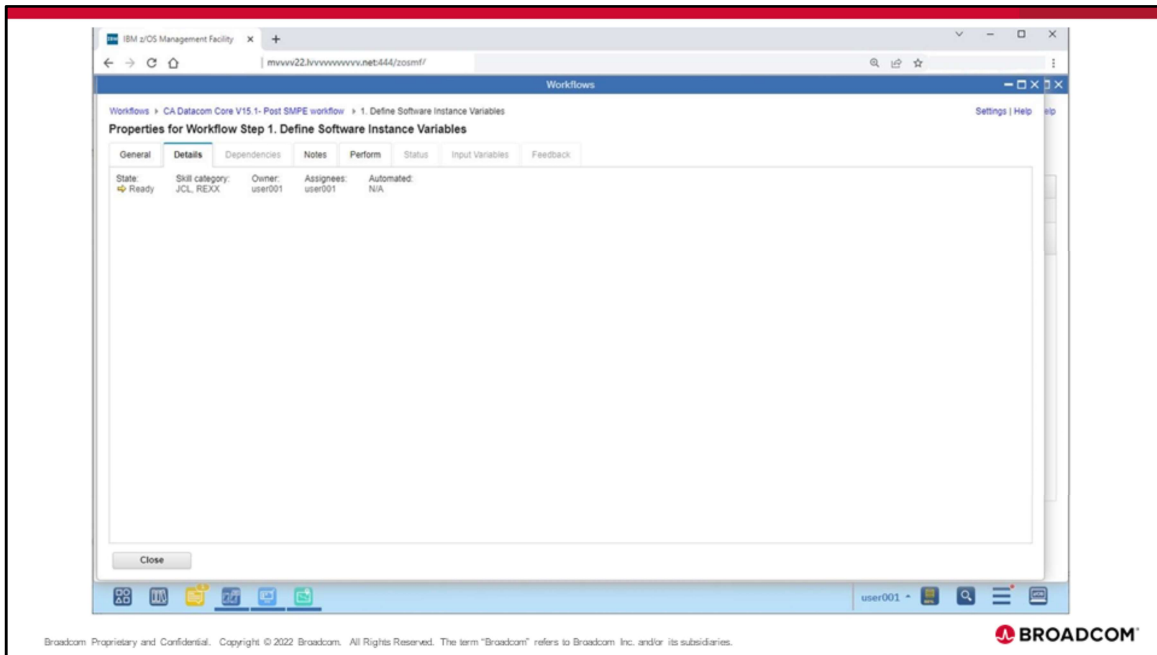
State Filter	No. Filter	Title Filter	Called Workflow Filter	Automated Filter	Owner Filter	Skill Category Filter	Assignees Filter
Ready	1	Define Software Instance Variables		No	user001	JCL REXX	user001
Not Ready	2	Generate and submit the JCL to update the system CDMSAUS		No	user001	JCL SMPE	user001
Not Ready	3	Update load modules with installation specific include modules		Yes	user001	JCL SMPE	user001

A red arrow points to the first step, 'Define Software Instance Variables'. The interface includes a search bar, a 'Refresh' button, and a 'Return to Workflows' button. The bottom of the screen shows the user 'user001' and the Broadcom logo.

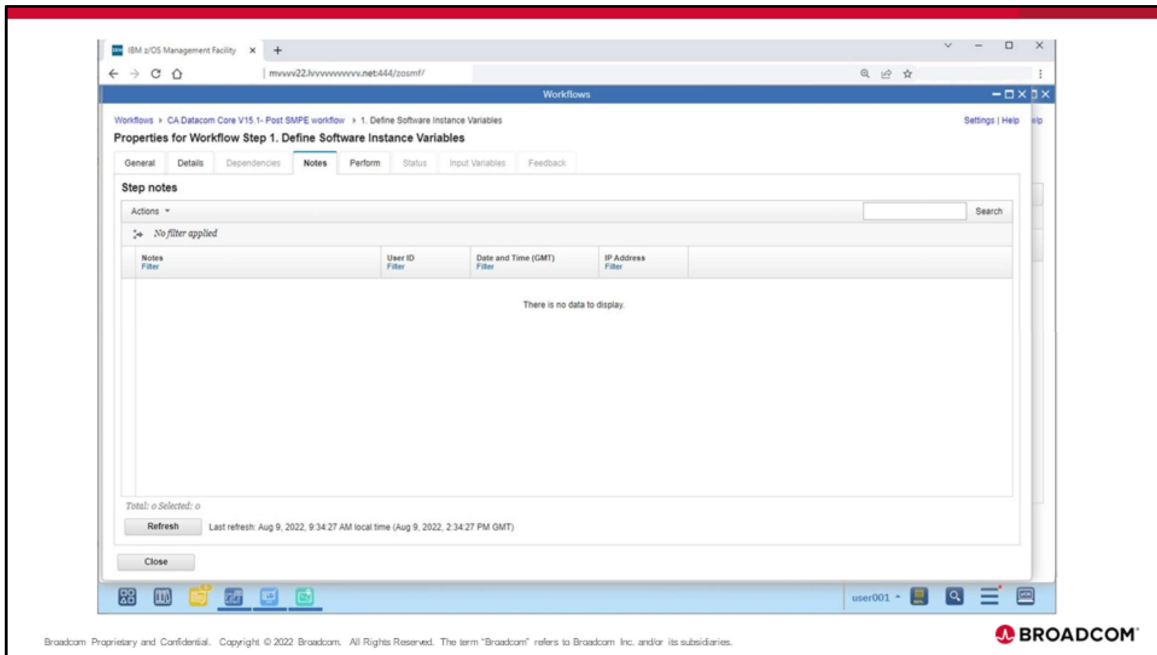
Each Workflow can have multiple steps/jobs. Click on the first step for the Post SMPE workflow to proceed. This step 'Defines Software Instance Variables' to be used in the Workflow step 2 JCL.



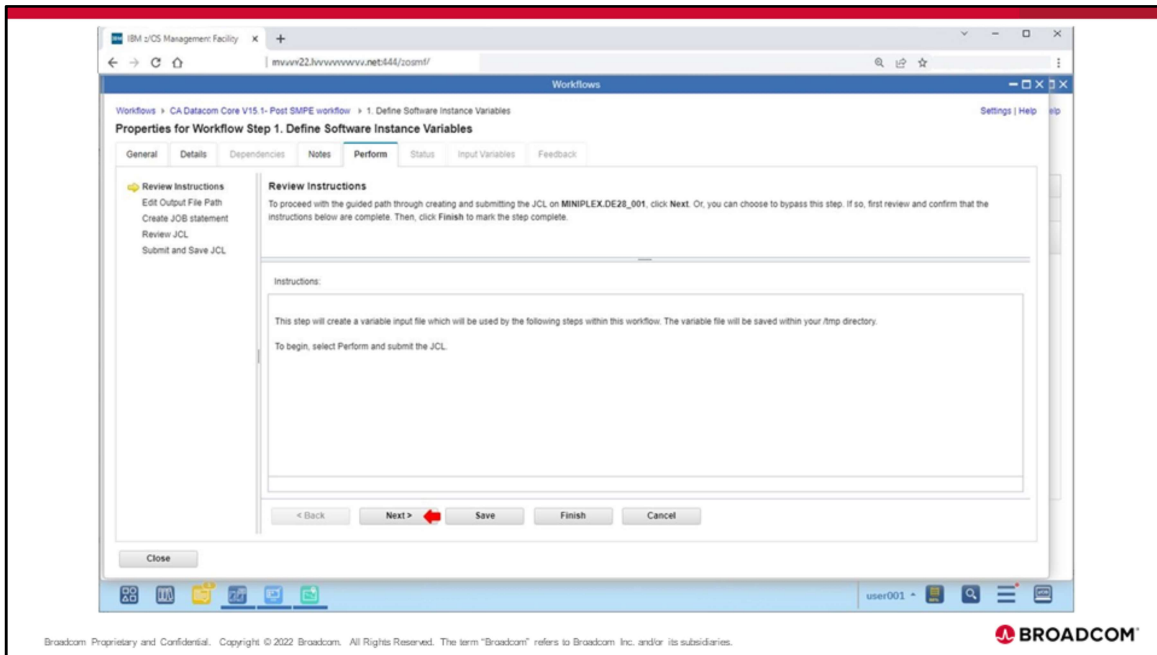
Each Workflow step may have multiple Properties that need to be reviewed or updated. Here is the 'General' properties that describe prerequisite requirements.



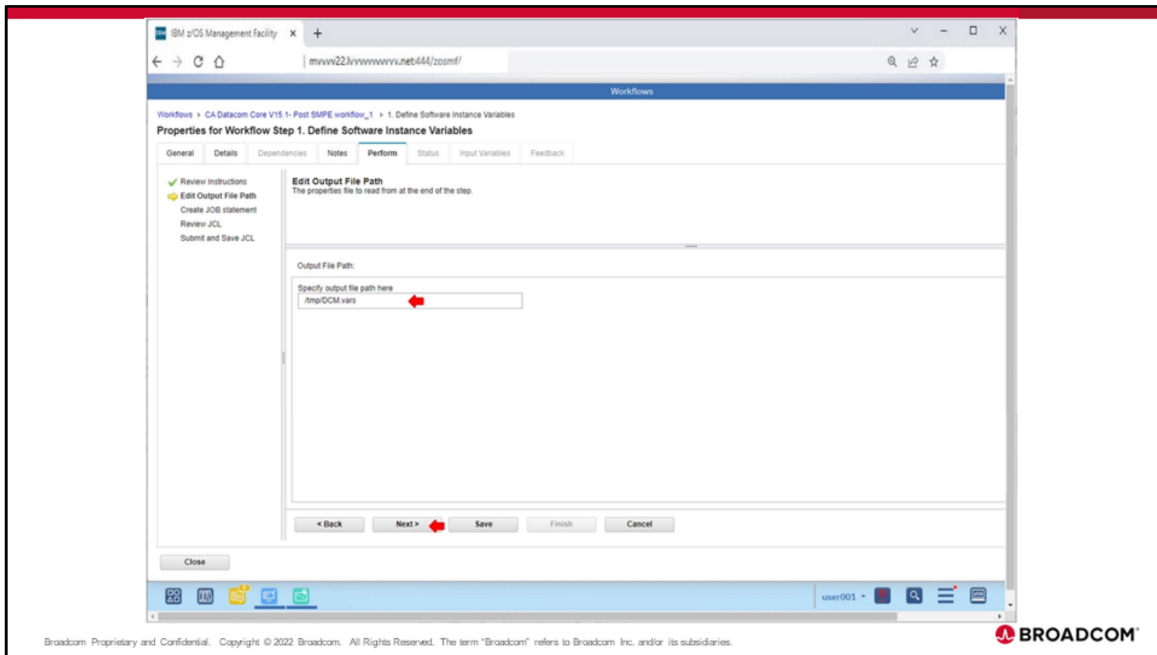
Here is the 'Details' properties that describe Workflow step details.



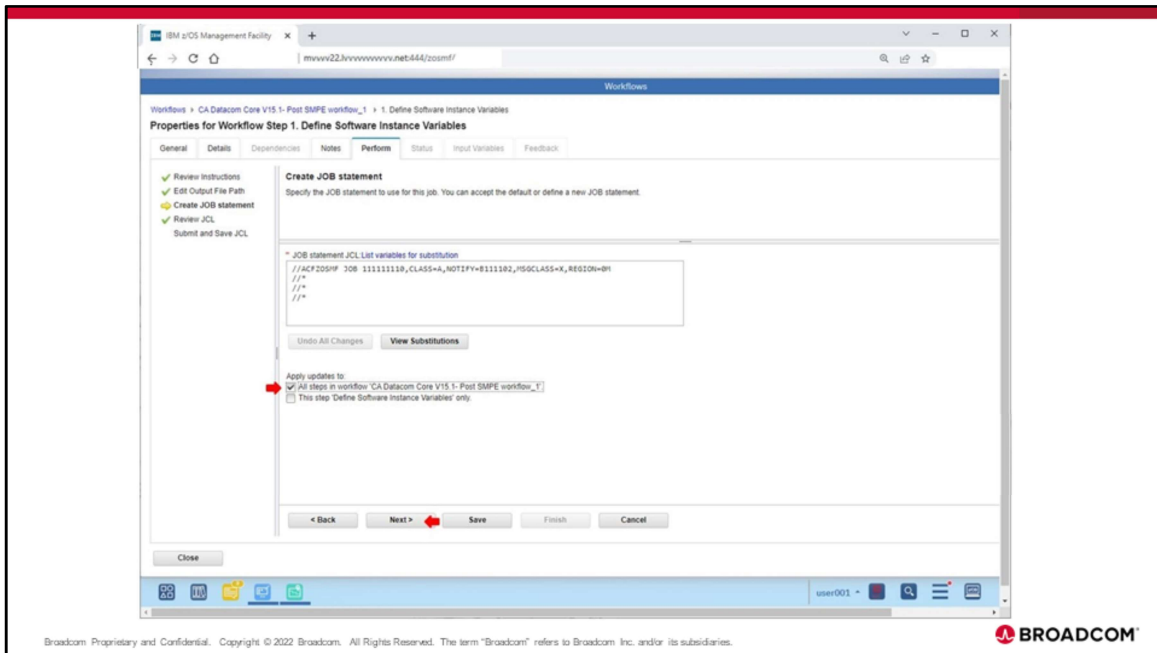
Here is the 'Notes' properties that describe Workflow step Actions that may be required. For this step there are no notes.



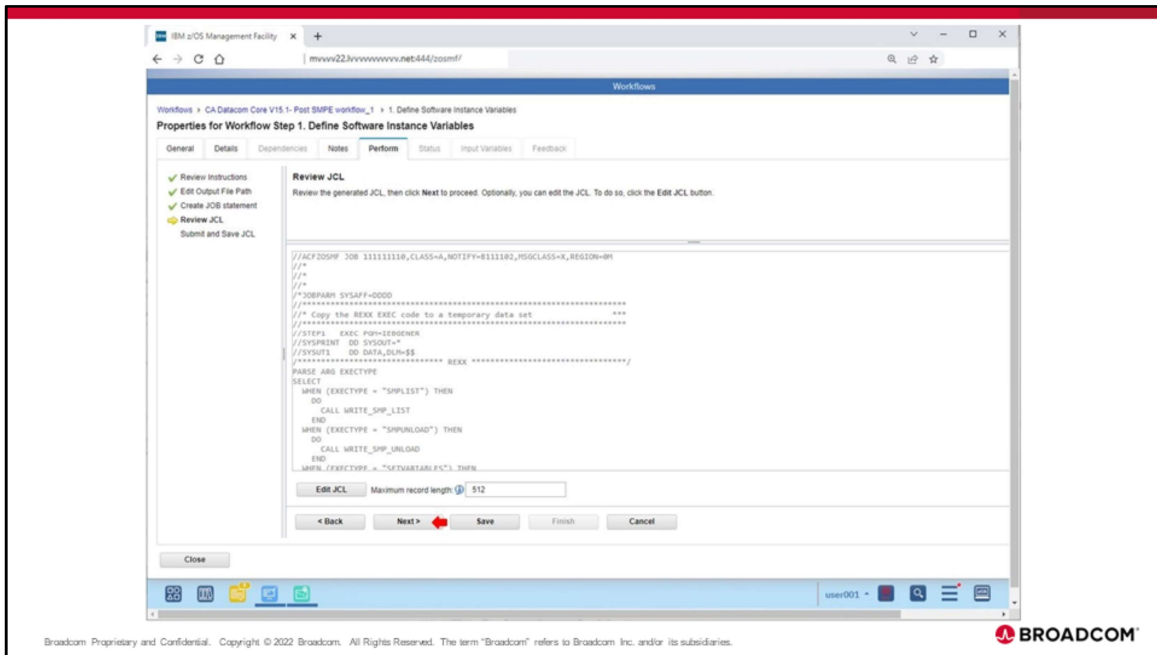
Here is the 'Perform' properties that Defines the Software Instance Variables for the next Workflow step. Click on 'Next' to 'Edit Output File Path'.



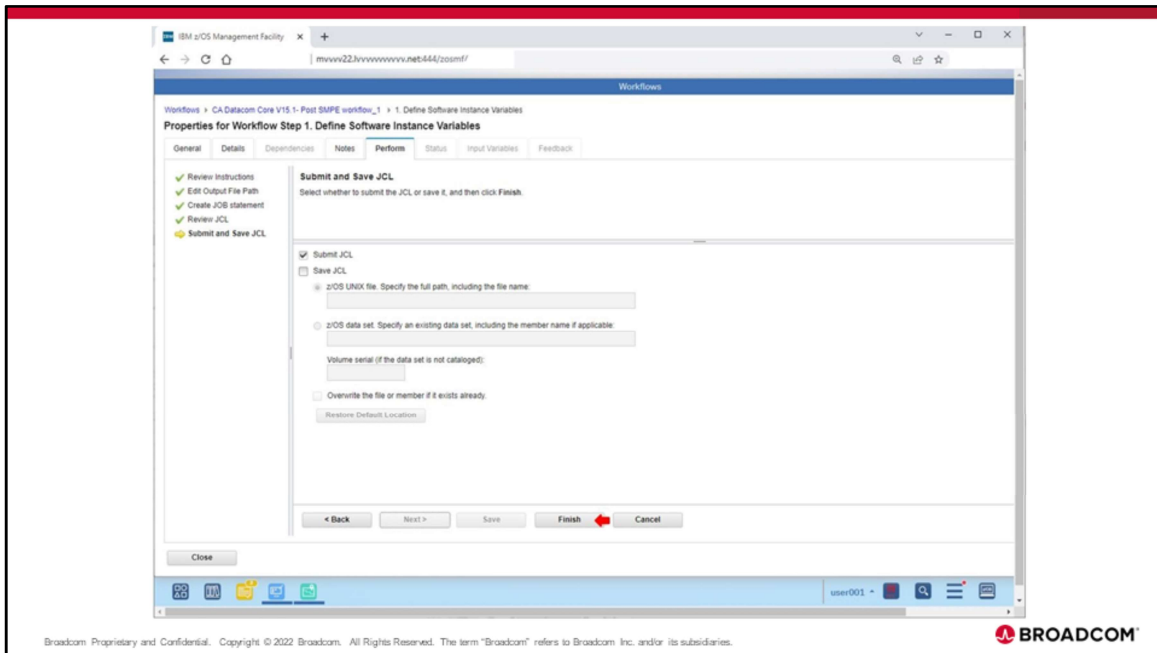
Here is the 'Perform' properties for Workflow Step 1 which has 4 steps, the first step Edits the Output File Path that will be used in Workflow Step 1. Review the update the path name as required, then click 'Next' to proceed.



Here is the 'Perform' properties that creates the JOB statement. Check 'Apply updates to' 'All steps in ...'. Review the Job Statement and update as required, then click 'Next' to proceed.



Here is the 'Perform' properties that Defines the Software Instance Variables. Review the JCL and update as required, then click 'Next' to proceed.



Here is the 'Perform' properties that Defines Software Instance variables for the next Workflow step. The JCL can optionally be saved to a z/OS Unix file or a z/OS dataset by checking on 'Save JCL' and specifying the location. To submit the JCL, check 'Submit JCL' and click 'Finish'.

IBM z/OS Management Facility

Workflow

CA Datacom Core V15.1- Post SMPE workflow

Workflow Details

Workflow Steps

Actions

No filter applied

State Filter	No. Filter	Title Filter	CalledWorkflow Filter	Automated Filter	Owner Filter	Skill Category Filter	Assignees Filter
Complete	1	Define Software Instance Variables		No	user001	JCL, REXX	user001
Ready	2	Generate and submit the JCL to update the SMP/E DSNAMES		No	user001	JCL, SMP/E	user001
Not Ready	3	Update load modules with installation specific include modules		Yes	user001	JCL, SMP/E	user001

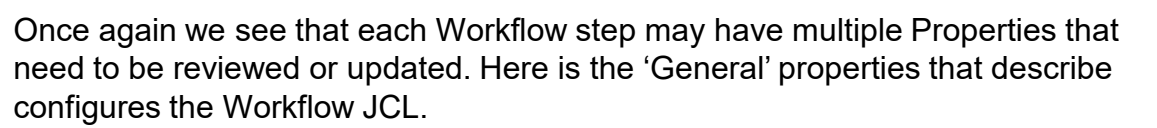
Total: 3 Selected: 1

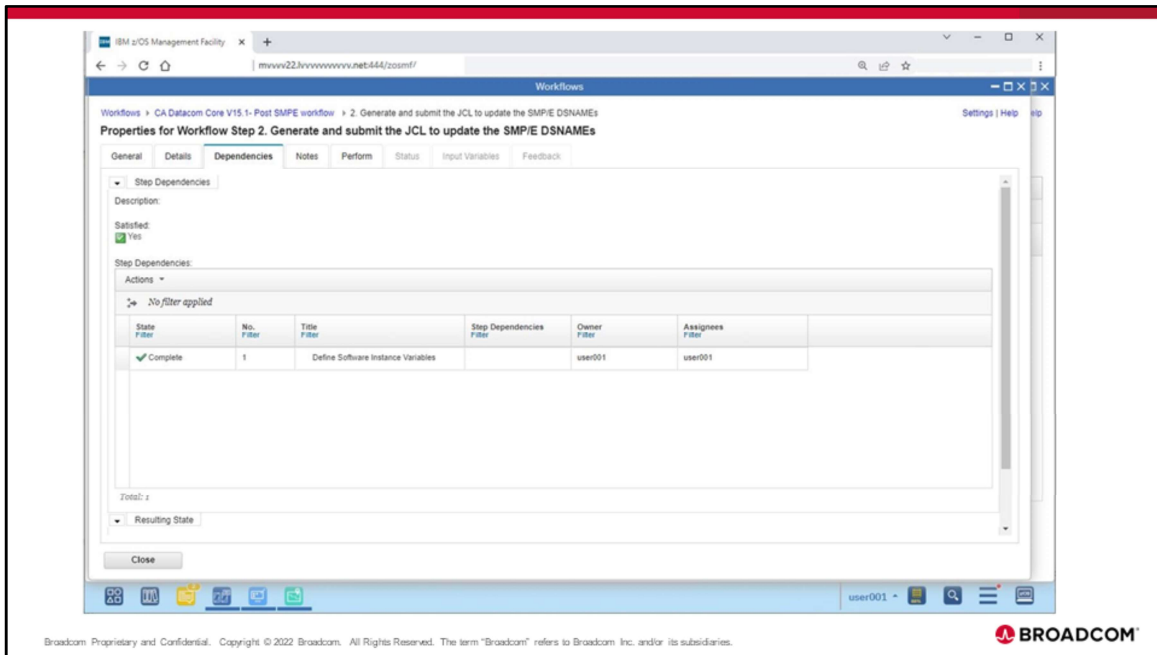
Return to Workflows Refresh Last refresh: Aug 9, 2022, 9:37:18 AM local time (Aug 9, 2022, 2:37:18 PM GMT)

user001

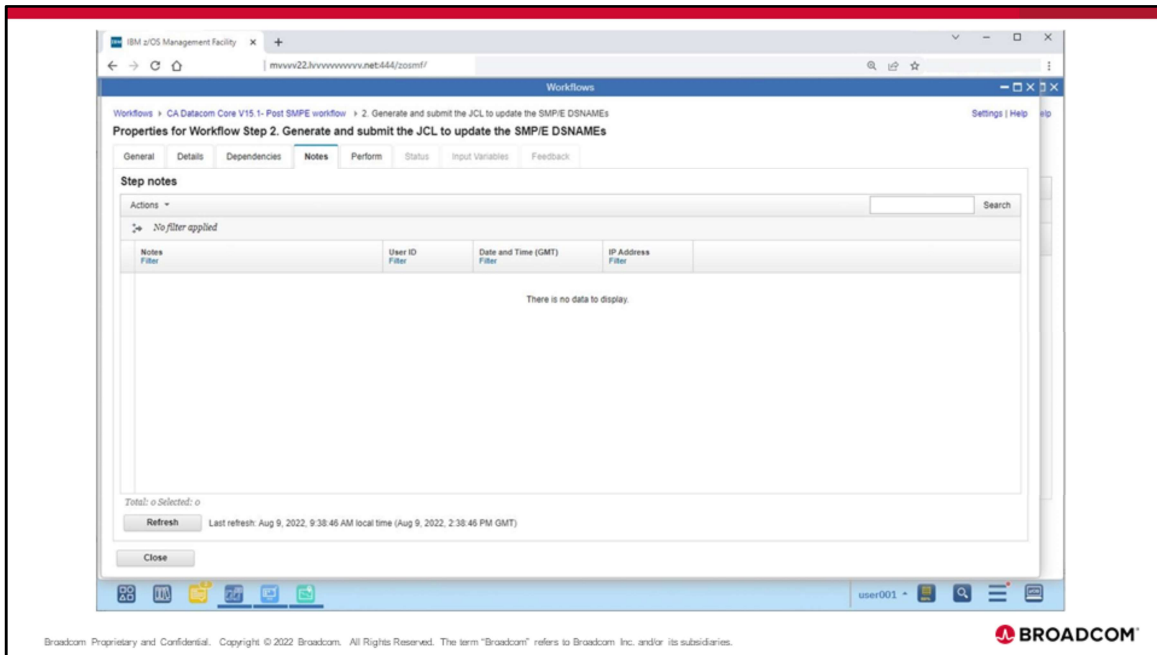
BROADCOM

Each Workflow can have multiple steps/jobs. Click on the second step Title 'Generate and submit the JCL to update the SMP/E DSNAMES.' for the Post SMPE workflow to proceed.

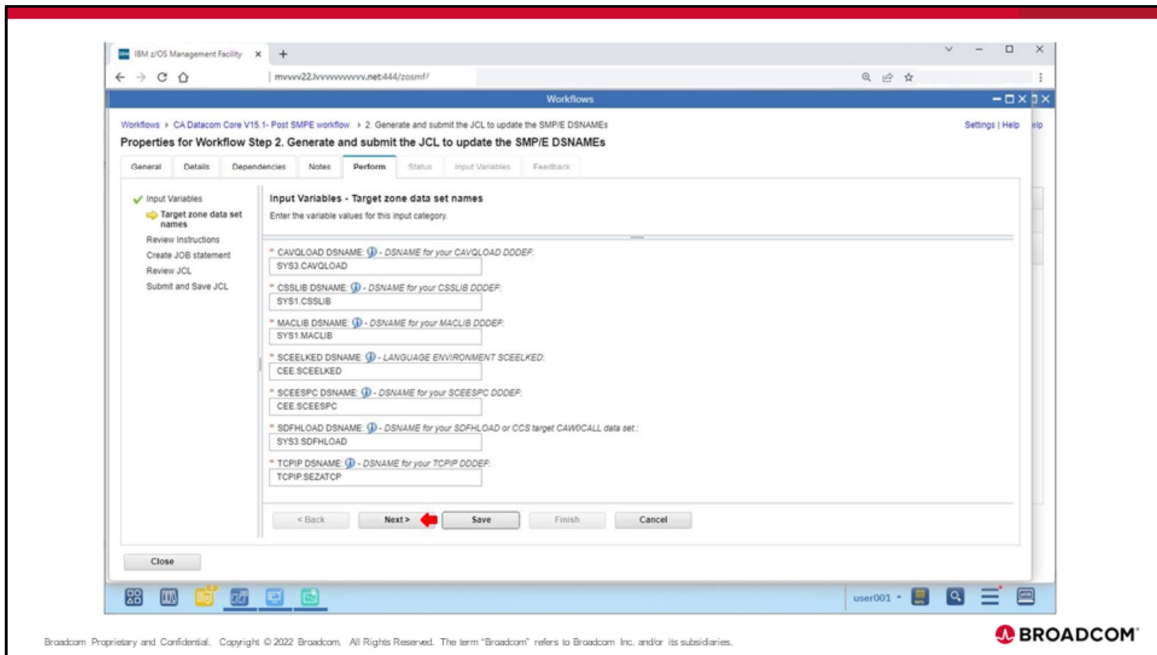




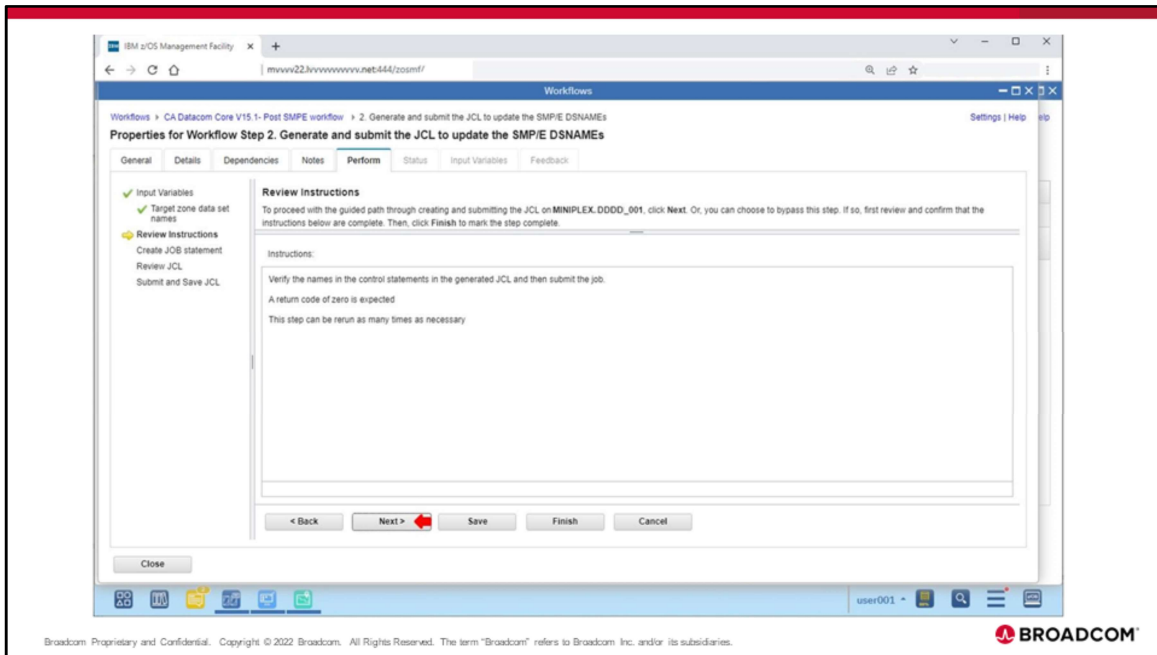
Here is the 'Dependencies' properties that note that the prerequisite step(s) completed..



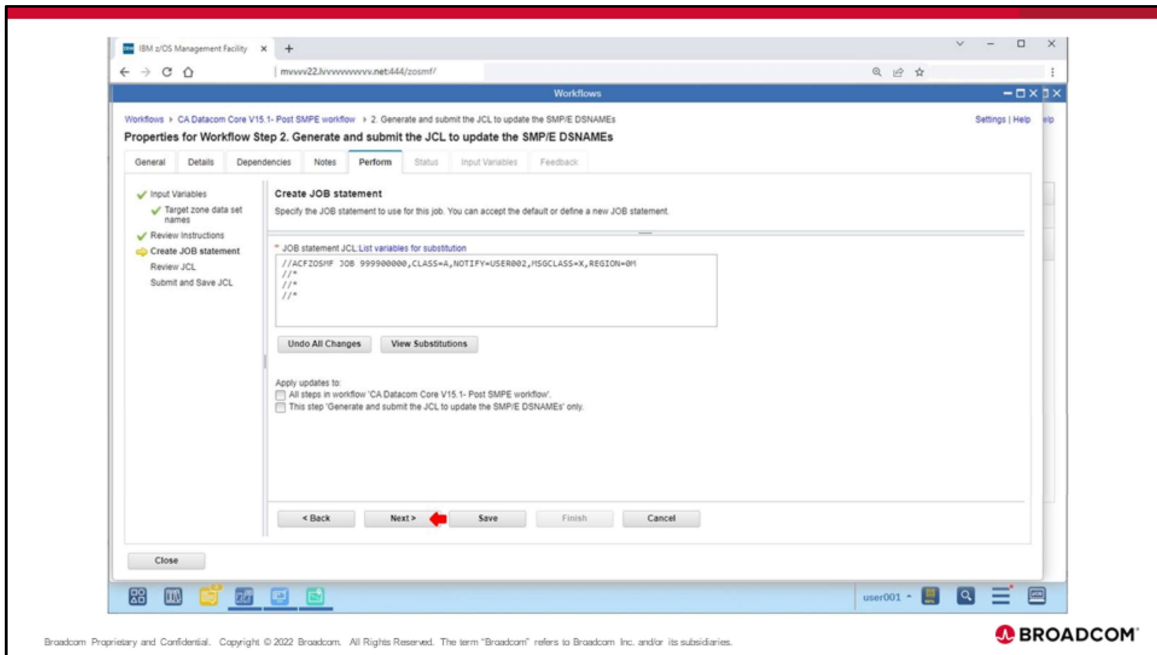
Here is the 'Notes' properties that describe Workflow step Actions that may be required. For this step there are no notes.



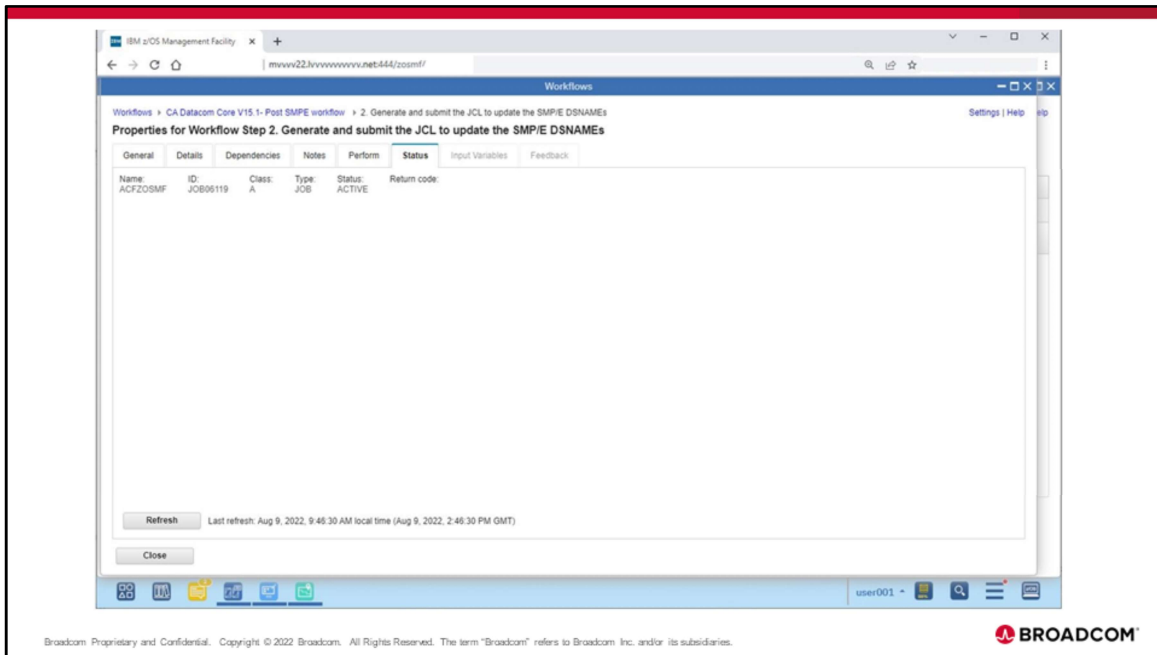
Here is the 'Perform' properties that specify the required Target zone data set names which should be updated with appropriate dsns. After updating the data set names click on 'Next' to proceed to the next 'Perform' 'Review Instructions' step.



This is the 'Review Instructions' step that is part of the Workflow Step 2. Review the instructions and click 'Next' to proceed.



Review the Job Statement and update as required, then click 'Next' to proceed.



After submitting the job, wait until the job completes and the Status is updated with the completion code. Click 'Refresh' to update the Status.

IBM z/OS Management Facility

Workflows

CA Datacom Core V15.1- Post SMP/E workflow > 2. Generate and submit the JCL to update the SMP/E DSNAMEs

Properties for Workflow Step 2. Generate and submit the JCL to update the SMP/E DSNAMEs

General Details Dependencies Notes Perform **Status** Input Variables Feedback

Name	ID	Class	Type	Status	Return code
ACFZOSMF	JOB06122	A	JOB	OUTPUT	CC 0000

JESMSQLG JESJCL JESYSMSG SYSPRINT SYSPRINT SMPRPT SMPOUT

DO name: JESMSQLG Step name: JES2 Procedure step name: Dataset ID: Class: Record count: 19

Output (1.07KB of 1.07KB shown)

```

JES2 JOB LOG -- SYSTEM DDDDD -- NODE HV5DDDD
10.02.36 20806122 ---- TUESDAY, 09 AUG 2022 ----
10.02.36 20806122 $HASP373 ACFZOSMF STARTED - INIT 1 - CLASS A - SYS DDDDD
10.02.36 20806122 ACFRCCDD USERID USER001 15 ASSIGNED TO THIS JOB - ACFZOSMF
10.02.36 20806122 ACF99900 ACF2 LOGGING-12,11,USER001,IEBGENER,N/A
10.02.36 20806122 IEF4051 ACFZOSMF - STARTED - TIME=10.02.36
10.02.36 20806122 ACF99900 ACF2 LOGGING-04,00,USER001,DDDDDD,SYSD22221.T100236.RAM00.ACFZOSMF.SYSEXEC.H01,N/A
10.02.36 20806122 ACF99900 ACF2 LOGGING-04,02,USER001,TSDD01,DDDDDD.PORTPKG.DCH151.GA.CS1,N/A
10.02.36 20806122 ACF99900 ACF2 LOGGING-04,02,USER001,DDDDDD.PORTPKG.DCH151.GA.CS1,N/A
10.02.37 20806122 IEF4041 ACFZOSMF - ENDED - TIME=10.02.37
10.02.37 20806122 $HASP395 ACFZOSMF ENDED - RC=0000
0----- JES2 JOB STATISTICS -----
09 AUG 2022 JOB EXECUTION DATE
129 CARDS READ
220 SYSOUT PRINT RECORDS
0 SYSOUT PUNCH RECORDS
18 SYSOUT SPOOL KBYTES
0.00 MINUTES EXECUTION TIME
  
```

Refresh Last refresh: Aug 9, 2022, 10:02:41 AM local time (Aug 9, 2022, 3:02:41 PM GMT)

Close

Broadcom Proprietary and Confidential. Copyright © 2022 Broadcom. All Rights Reserved. The term "Broadcom" refers to Broadcom Inc. and/or its subsidiaries.

BROADCOM

After getting complete code 00, click 'Close' to complete Workflow step 2.

IBM z/OS Management Facility x +

Workflow

Workflows > CA Datacom Core V15.1- Post SMPE workflow

CA Datacom Core V15.1- Post SMPE workflow

Workflow Details

Workflow Steps

Actions

No filter applied

State Filter	No. Filter	Title Filter	CalledWorkflow Filter	Automated Filter	Owner Filter	Skill Category Filter	Assignees Filter
Complete	1	Define Software Instance Variables		No	user001	JCL REXX	user001
Complete	2	Generate and submit the JCL to update the SMP/E DSNAMES		No	user001	JCL SMP/E	user001
Ready	3	Update load modules with installation specific include modules		Yes	user001	JCL SMP/E	user001

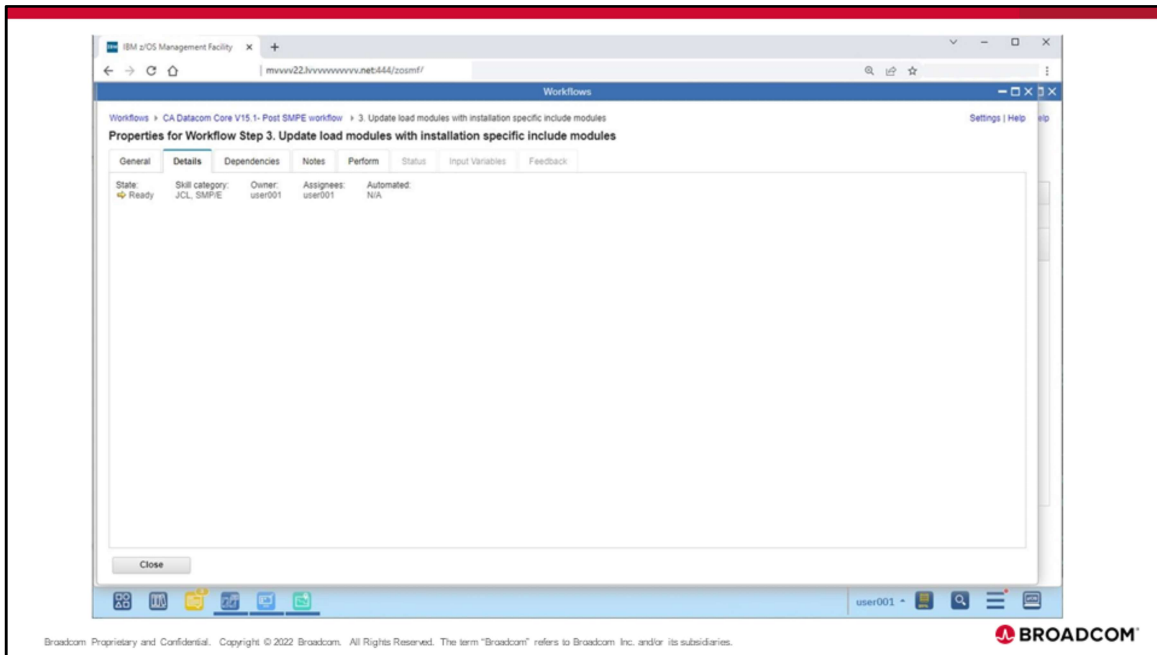
Total: 3 Selected: 1

Return to Workflows Refresh Last refresh: Aug 9, 2022, 10:03:53 AM local time (Aug 9, 2022, 3:03:53 PM GMT)

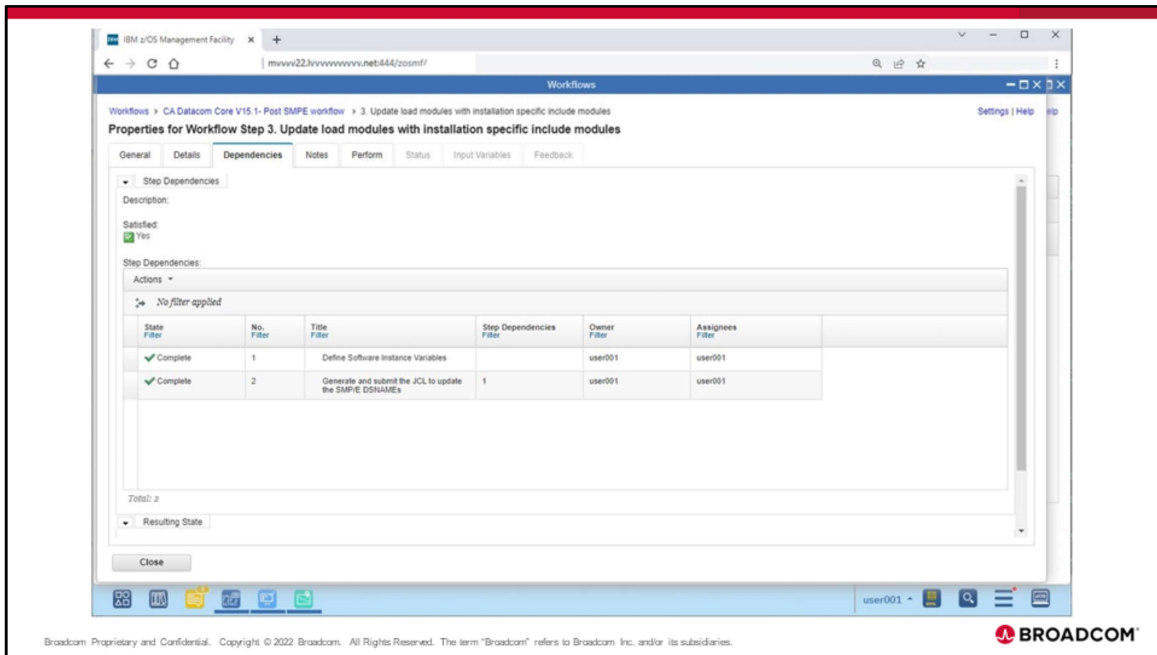
user001

BROADCOM

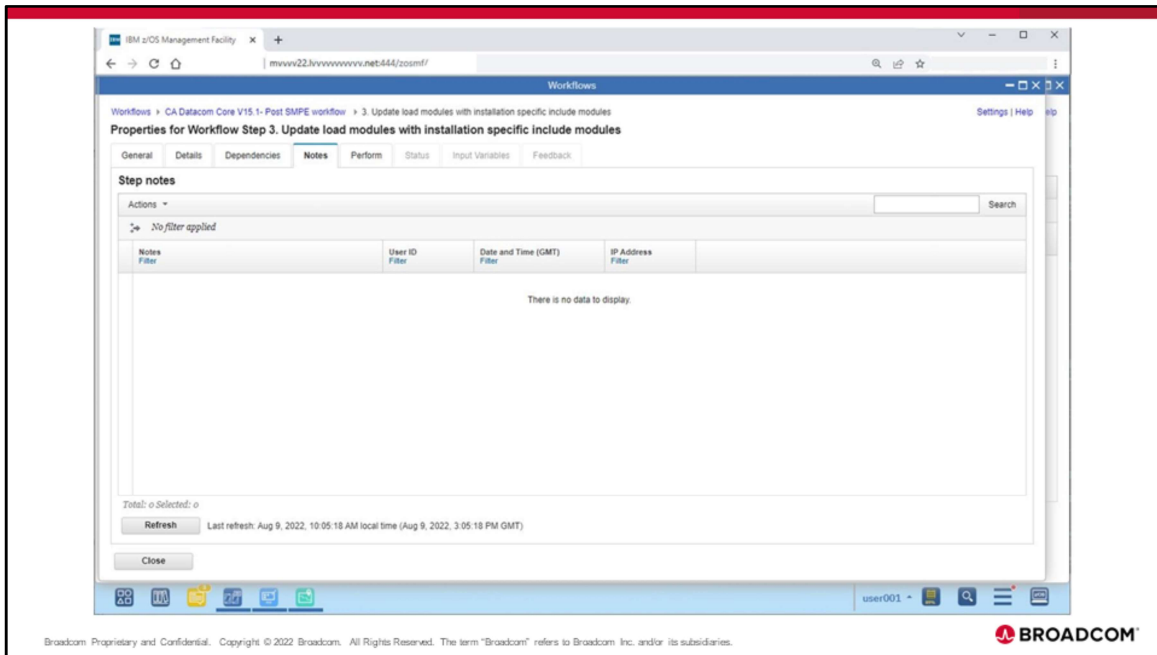
After successfully completing Workflow steps one and two, click on the third step for the Post SMPE workflow to proceed.



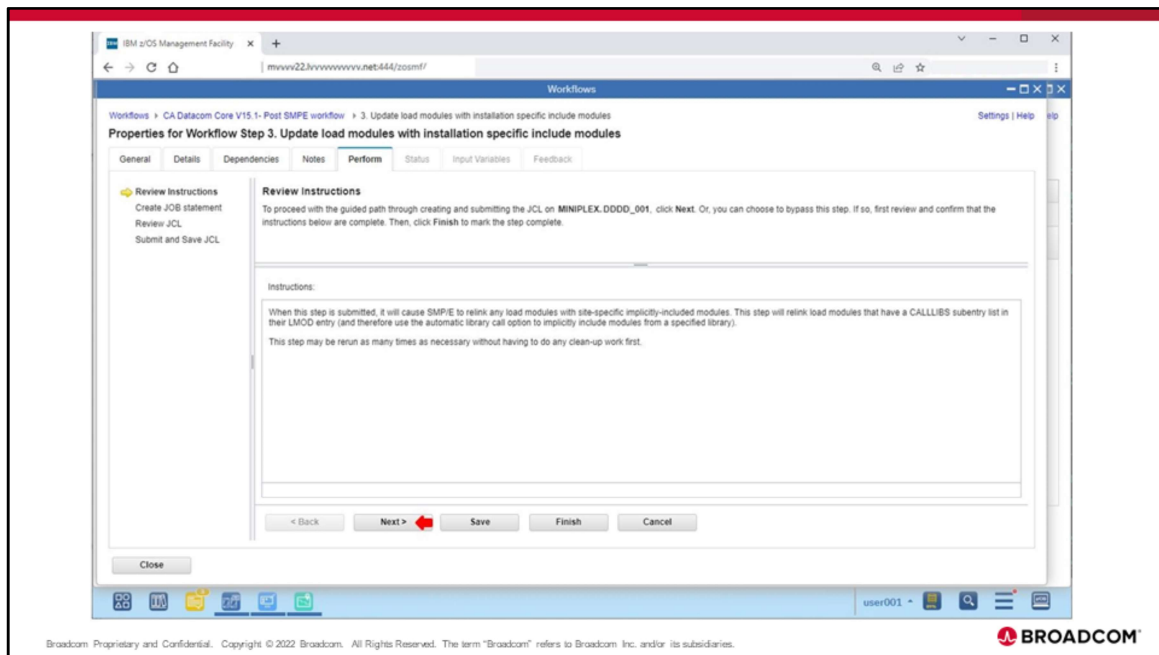
Here is the 'Details' properties that describe Workflow step 3 details.



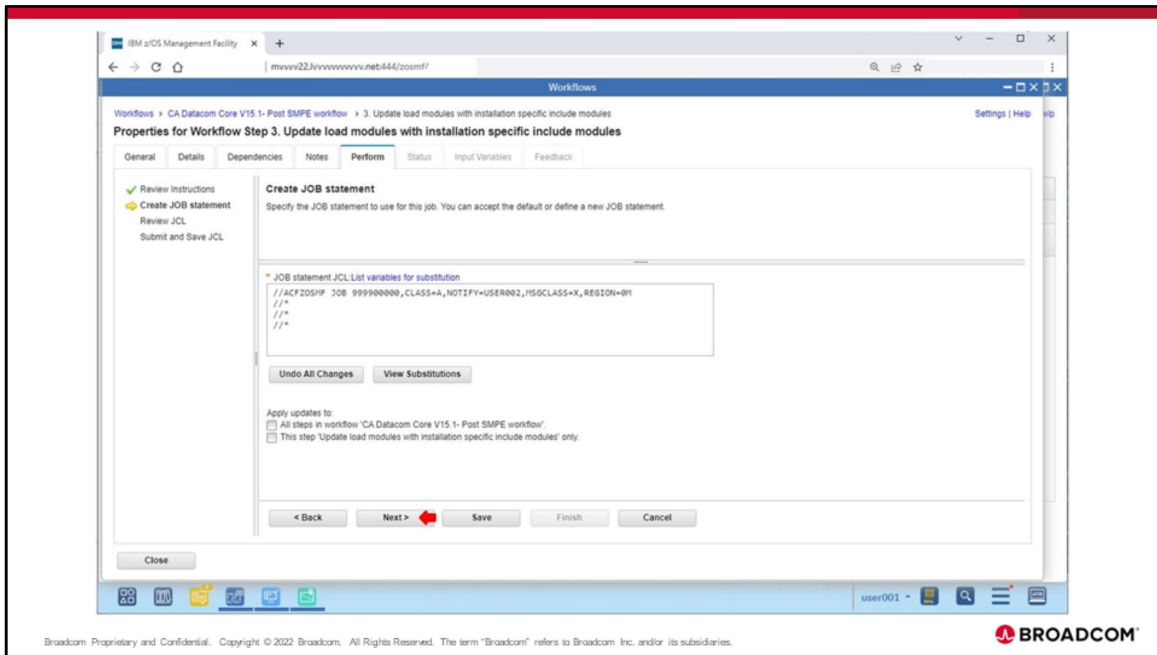
Here is the 'Dependencies' properties, note the prerequisite step(s) completed.



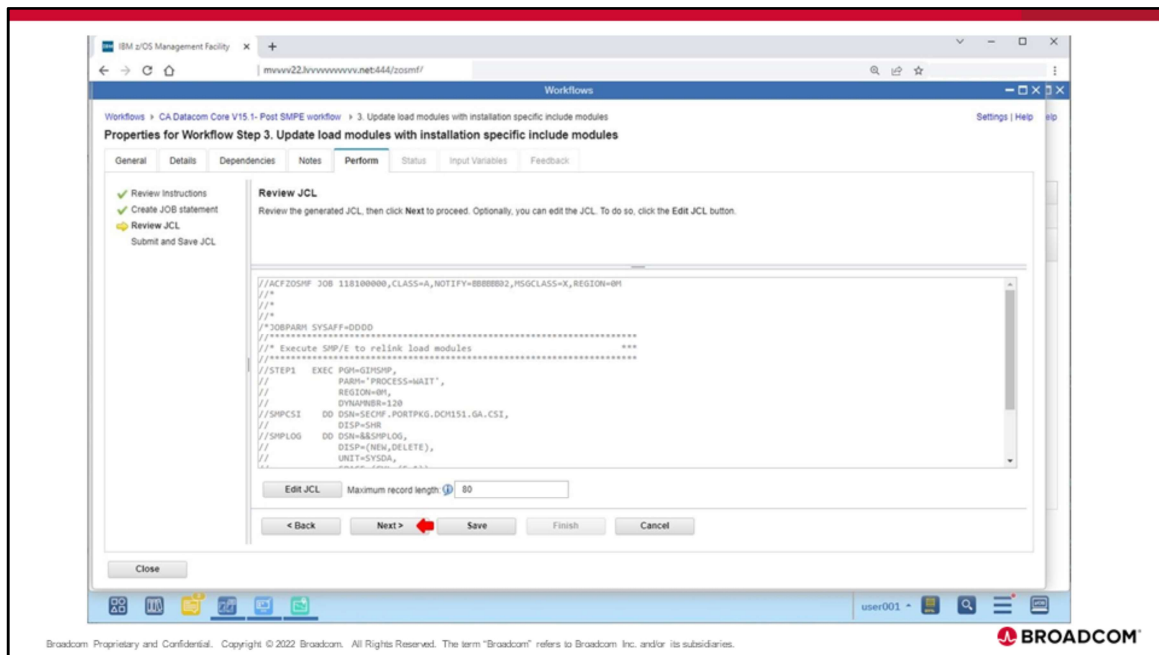
Here is the 'Notes' properties that describe Workflow step Actions that may be required. For this step there are no notes.



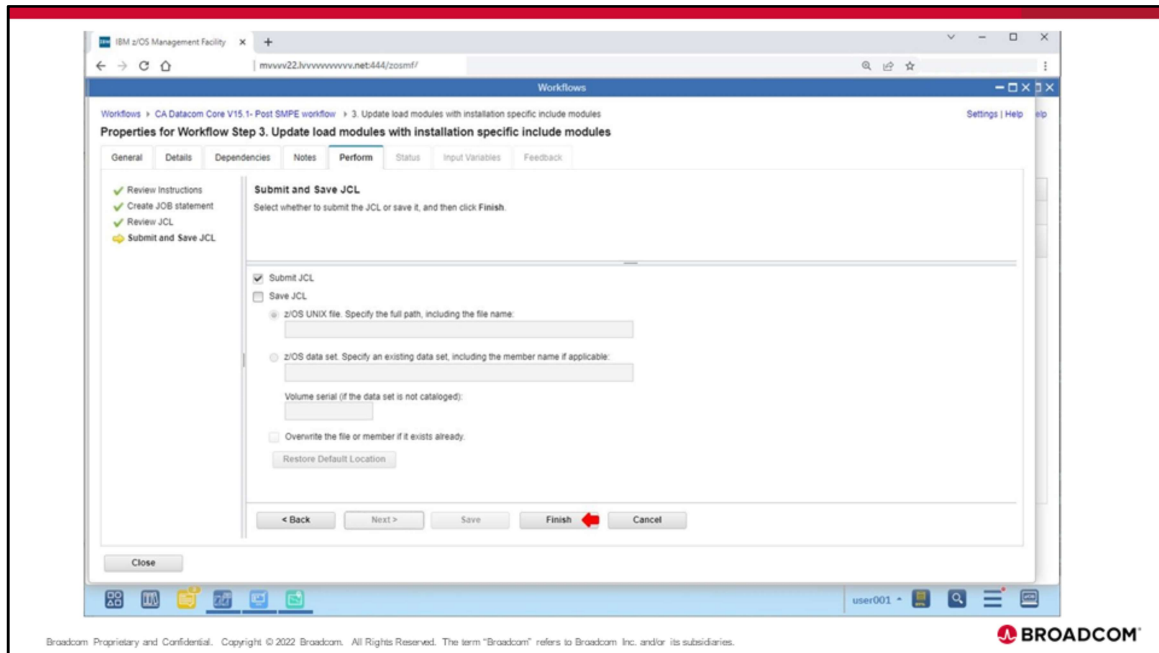
Here is the 'Perform' properties that specify the four Perform steps.



Review the Job Statement and update as required, then click 'Next' to proceed.



Review the JCL and update as required, then click 'Next' to proceed.



The JCL can optionally be saved to a z/OS Unix file or a z/OS dataset by checking on 'Save JCL' and specifying the location. To submit the JCL, check 'Submit JCL' and click 'Finish'.

IBM z/OS Management Facility

Workflows > CA Datacom Core V15.1- Post SMP/E workflow > 3. Update load modules with installation specific include modules

Properties for Workflow Step 3. Update load modules with installation specific include modules

General Details Dependencies Notes Perform Status Input Variables Feedback

Name: ACFZOSMF ID: JOB06123 Class: A Type: JOB Status: ACTIVE Return code: CC 0000

JESMSGLG JESJCL JESYSMSG SYSPRINT SYSTSPRT SMPRPT SMPOUT

DD name: JESMSGLG Step name: JES2 Procedure step name: Dataset ID: X Class: Record count: 19

Output (1.073KB of 1.073KB shown)

```

JES2 JOB LOG -- SYSTEM DDD -- NODE RVSDDD
10.02.36 JOB06122 ---- TUESDAY, 09 AUG 2022 ----
10.02.36 JOB06122 $HASP373 ACFZOSMF STARTED - INIT 1 - CLASS A - SYS DDD
10.02.36 JOB06122 ACF9CCD USERID USER001 15 ASSIGNED TO THIS JOB - ACFZOSMF
10.02.36 JOB06122 ACF9990 ACF2 LOGGING-12,11,USER001,,TESENER,N/A
10.02.36 JOB06122 IEF4031 ACFZOSMF - STARTED - TIME=10.02.36
10.02.36 JOB06122 ACF9990 ACF2 LOGGING-04,00,USER001,DDDD28,SYS22221,1100236,RAN00,ACFZOSMF,SYSEXEC,H01,N/A
10.02.36 JOB06122 ACF9990 ACF2 LOGGING-04,02,USER001,750001,DDDD00,PORTPKG,DCH151,GA,CSI,N/A
10.02.36 JOB06122 ACF9990 ACF2 LOGGING-04,02,USER001,,DDDD00,PORTPKG,DCH151,GA,CSI,N/A
10.02.37 JOB06122 IEF4041 ACFZOSMF - ENDED - TIME=10.02.37
10.02.37 JOB06122 $HASP395 ACFZOSMF ENDED - RC=0000
0----- JES2 JOB STATISTICS -----
09 AUG 2022 JOB EXECUTION DATE
129 CARDS READ
220 SYSOUT PRINT RECORDS
0 SYSOUT PUNCH RECORDS
18 SYSOUT SPOOL KBYTES
0.00 MINUTES EXECUTION TIME

```

Refresh Last refresh: Aug 9, 2022, 10:02:41 AM local time (Aug 9, 2022, 3:02:41 PM GMT)

Close

user001

Broadcom Proprietary and Confidential. Copyright © 2022 Broadcom. All Rights Reserved. The term "Broadcom" refers to Broadcom Inc. and/or its subsidiaries.

BROADCOM

After submitting the job wait until the job completes and the Status is updated with the completion code. Click 'Refresh' to update the Status.

IBM z/OS Management Facility x

Workflow

CA Datacom Core V15.1- Post SMPE workflow

Workflow Details

Workflow Steps

Actions

No filter applied

State Filter	No. Filter	Title Filter	CalledWorkflow Filter	Automated Filter	Owner Filter	Skill Category Filter	Assignees Filter
<input type="checkbox"/>	1	Define Software Instance Variables		No	user001	JCL REXX	user001
<input checked="" type="checkbox"/>	2	Generate and submit the JCL to update the SMP/E DSNAMES		No	user001	JCL SMP/E	user001
<input checked="" type="checkbox"/>	3	Update load modules with installation specific include modules		Yes	user001	JCL SMP/E	user001

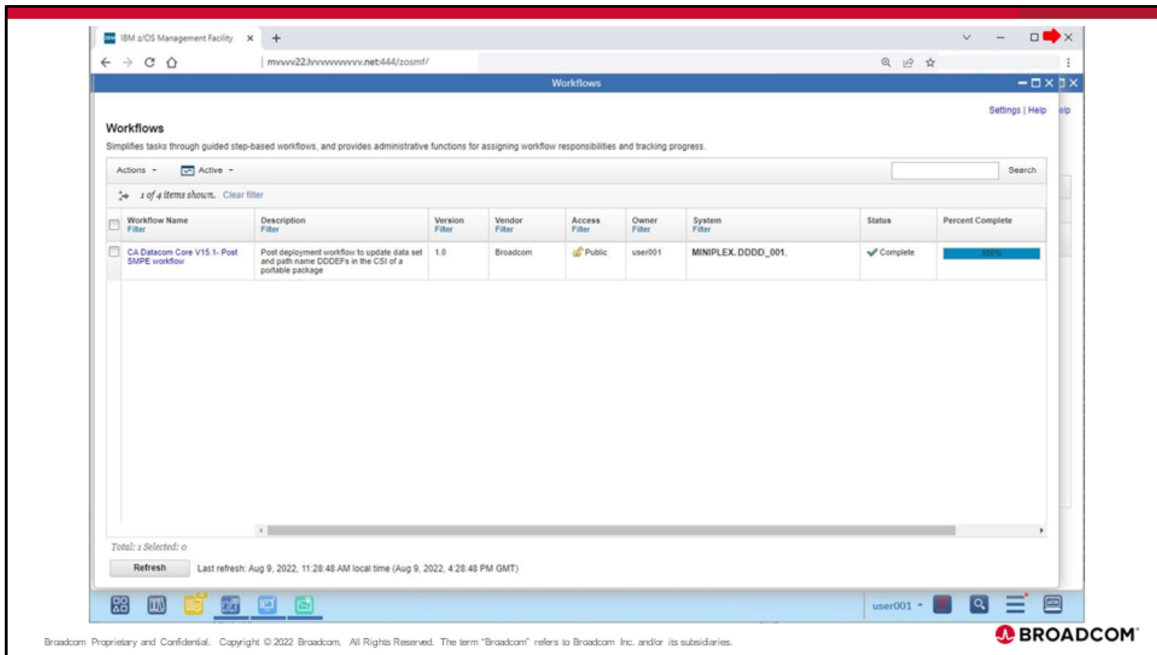
Total: 3 Selected: 1

Return to Workflows Refresh Last refresh: Aug 9, 2022, 11:27:27 AM local time (Aug 9, 2022, 4:27:27 PM GMT)

user001

BROADCOM

After getting complete code 00 for all three Post SMPE workflow steps, click 'Return to Workflows' to proceed to the next Workflow.



Note the Post SMPE Workflow 'Percent Complete' 100%, click the 'X' to close this Workflow window and proceed to the next Workflow.

IBM z/OS Management Facility x

Software Management

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

No filter applied

Sequence Filter	Name Filter	Description Filter	Messages Filter	Status Filter	Percent Complete	System Filter	Owner Filter
<input type="checkbox"/>	1	CA Datacom Core V15.1-Post SMP/E workflow	Post SMP/E Workflow	Complete	100%	00000001	user001
<input type="checkbox"/>	2	Datacom DB Base Install	Datacom DB Base Install		0%		
<input type="checkbox"/>	3	Datacom DB Upgrade	Datacom DB Upgrade		0%		

Total: 3 Selected: 0

Refresh Last refresh: Aug 9, 2022, 11:30:25 AM local time (Aug 9, 2022, 4:30:25 PM GMT)

Close

user001

Broadcom Proprietary and Confidential. Copyright © 2022 Broadcom. All Rights Reserved. The term "Broadcom" refers to Broadcom Inc. and/or its subsidiaries.

BROADCOM

Click on the Workflow 'Datacom DB Base Install' and follow the same process as Workflow 1. Since the Workflow steps are similar for Workflow steps 2 and 3 we will not repeat the steps for this presentation.

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

No filter applied

Sequence Filter	Name Filter	Description Filter	Messages Filter	Status Filter	Percent Complete	System Filter	Owner Filter
1	CA Datacom Core V15.1 Post SMP/E workflow	Post SMP/E Workflow		Complete	100%	DDDD_001	user001
2	Datacom DB Base Install	Datacom DB Base Install		Complete	100%	DDDD_001	user001
3	Datacom DB Upgrade	Datacom DB Upgrade			9%		

Total: 3 Selected: 0

Refresh Last refresh: Aug 9, 2022, 11:32:48 AM local time (Aug 9, 2022, 4:32:48 PM GMT)

Close

Broadcom Proprietary and Confidential. Copyright © 2022 Broadcom. All Rights Reserved. The term "Broadcom" refers to Broadcom Inc. and/or its subsidiaries.

BROADCOM

After completing the Workflow 'Datacom DB Base Install', click on 'Datacom DB Upgrade' and follow the same process as Workflow 1 and 2. Since the Workflow steps are similar for Workflow steps 2 and 3 we will not repeat the steps for this presentation.

IBM z/OS Management Facility x +

Software Management

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

No filter applied

Sequence Filter	Name Filter	Description Filter	Messages Filter	Status Filter	Percent Complete	System Filter	Owner Filter
<input type="checkbox"/>	1	CA Datacom Core V15.1-Post SMP/E workflow	Post SMP/E Workflow	Complete	100%	DDDD_001	user001
<input type="checkbox"/>	2	Datacom DB Base Install	Datacom DB Base Install	Complete	100%	DDDD_001	user001
<input type="checkbox"/>	3	Datacom DB Upgrade	Datacom DB Upgrade	Complete	100%	DDDD_001	

Total: 3 Selected: 0

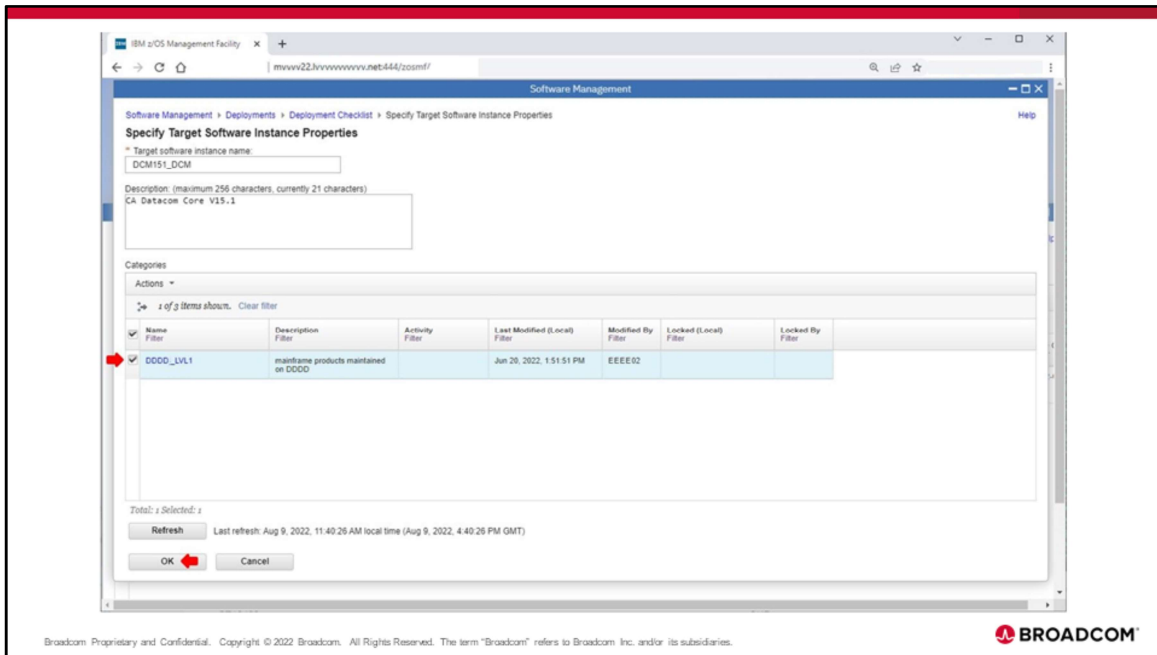
Refresh Last refresh: Aug 9, 2022, 11:32:48 AM local time (Aug 9, 2022, 4:32:48 PM GMT)

Close

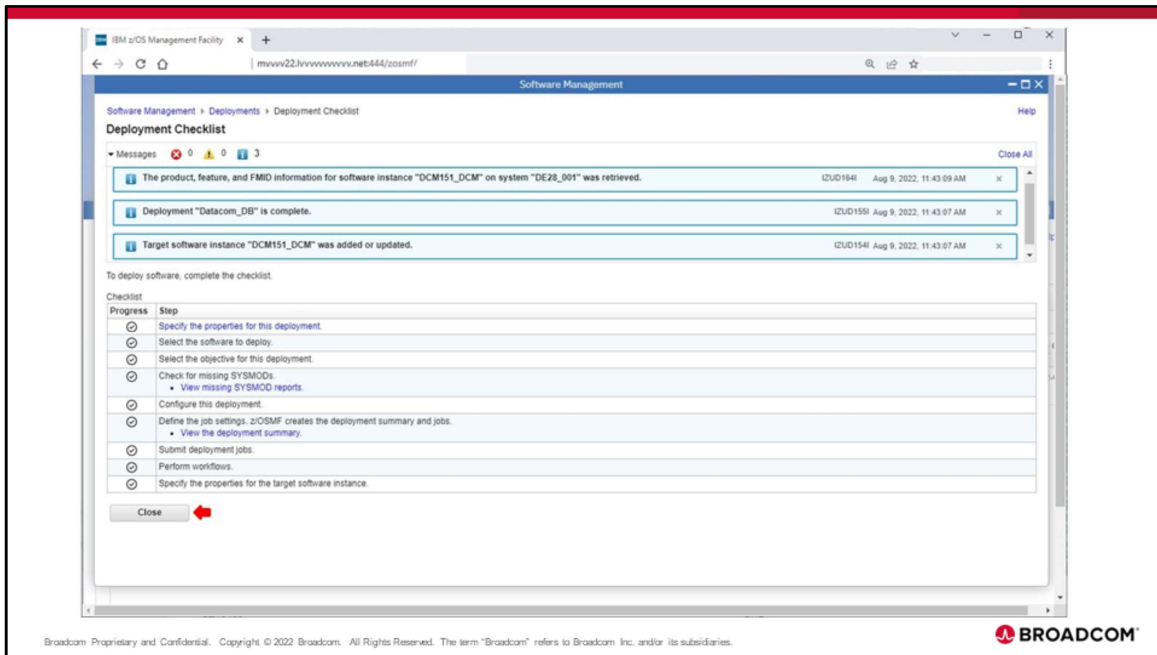
Broadcom Proprietary and Confidential. Copyright © 2022 Broadcom. All Rights Reserved. The term "Broadcom" refers to Broadcom Inc. and/or its subsidiaries.

BROADCOM

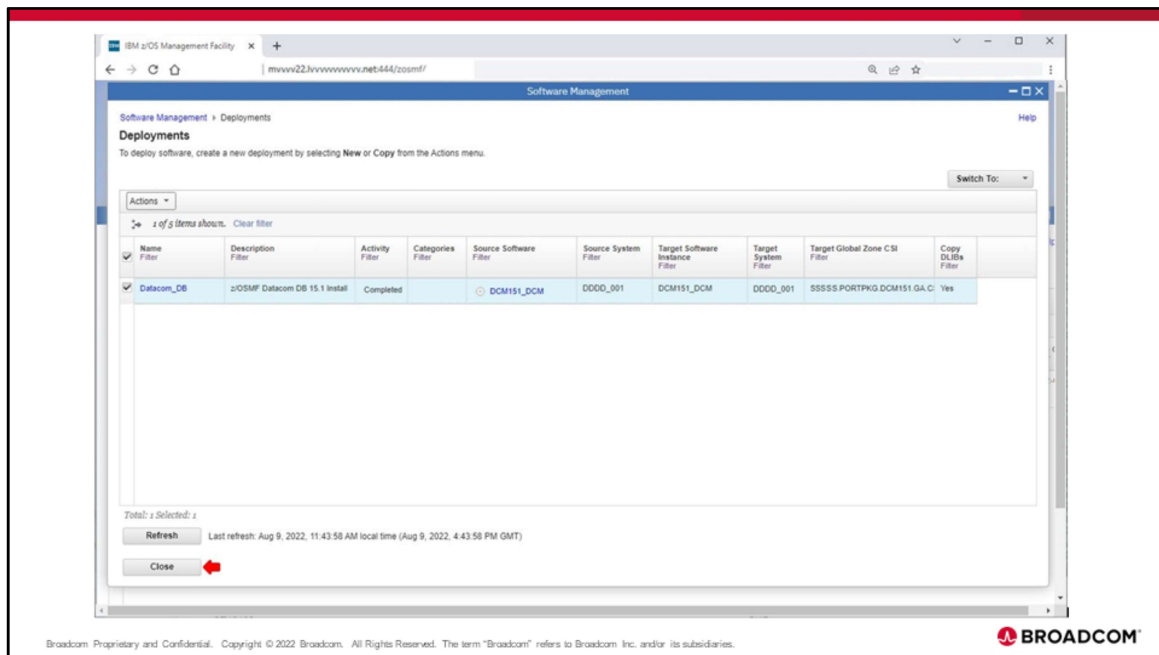
After all three Workflows have been completed, click on 'Close' to continue with the Deployment steps.



The last step is to review and update the 'Target Software Instance Properties', review and update the 'instance name' and description as needed. Optionally select a predefined 'Category' for this product instance or Click 'Action' and then 'New' to create a new category.



After all of the 'Deployment Checklist' steps have been completed, click on 'Close' to complete the Deployment.



This 'Deployments' displays show the successful completion of the Datacom DB deployment.

Assistance/Questions

The Broadcom z/OSMF Migration website contains links for additional training and details on contacting a

Product z/OSMF Advisor:

- Consultation/Q&A
- Available Training Videos:
 - zOSMF Acquire Product
 - zOSMF Migrate SMPE Environments
 - zOSMF Product Installation
 - zOSMF Product Install Maintenance
 - Receive Order

Broadcom z/OSMF Migration website:

http://mainframe.broadcom.com/zosmf_migration



Broadcom Proprietary and Confidential. Copyright © 2022 Broadcom. All Rights Reserved. The term "Broadcom" refers to Broadcom Inc. and/or its subsidiaries.



For additional training and details on contacting a Product z/OSMF Advisor please use the link or Q code to access the z/OSMF Migration website.

