

# z/OSMF Software Deployment User Experience

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U.S. Customs and Border Protection

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Session 11697

# Our z/OSMF History

- Ordered z/OSMF via base tape in May 2010.
- Had a lot of fun installing, setting it up, mainly SAF and WAS issues.
- Ordered z/OSMF again with the z/OS 1.12 upgrade in September, 2010.
- This time it went better, but there was new functionality that needed to be implemented as well
- Ordered z/OSMF again with the z/OS 1.13 upgrade, went VERY smoothly!
- After checking out the rest of z/OS 1.13, came back to Software Deployment to check it out.

# Our environment

- Two Sysplexes, basically Prod and Test. Prod is an 8 way and test is a three way.
- DASD and UCATs shared across all systems (yes, this causes a problem for PDSe's)
- We run a lot of ISV's. Top Secret, FDR, etc.
- I consider myself a novice z/OSMF user. Relatively speaking, I've probably done more than most, but still feel rather new at it. I'm also not a Websphere guru.

# Our environment: Software levels

- z/OS is at 1.13, as of January. PUT level is 1110.
- We are currently migrating PUT 1112 through our Ipars.
- We put maintenance on bi-monthly, two PUTs back, plus any applicable hipers or special request PTFs.

# Our Clone Process – z/OS

- Our clone process is pretty simple. For the RES:
  - Full volume restore of the SMPE pack (ZOST0D) to the Res pack (SYSR21)
  - Allocate a new VVDS
  - Copy/rename the target CSI: MVSSMP.ZOST0D.CSI to MVSSMP.SYSR21.CSI
 

```
//DISK1      DD UNIT=SYSDA,VOL=SER=ZOSG0D,DISP=SHR
//TAPE1      DD UNIT=SYSDA,VOL=SER=ZOSG0D,DISP=SHR
COPY        TYPE=DSF,DSNENQ=NONE
S DSG=MVSSMP.ZOST0D.CSI,NEWG=MVSSMP.SYSR21.CSI
```
  - Rename the SMP zone:
    - DEL GLOBALZONE ZONEINDEX((SYSR21))
    - ZONERENAME(ZOST0D) TO(SYSR21) NEWDATASET(MVSSMP.SYSR21.CSI) .
  - Edit the zone DDDEFS:
    - SET BDY(SYSR21) .
    - ZONEEDIT DDDEF .
    - CHANGE VOLUME(ZOST0D,SYSR21) .
    - CHANGE PATH('/SERVZOS/ZOST0D'\*,'/SYSR21'\*).
    - ENDZONEEDIT .
  - There are some miscellaneous assemblies and copies, ROSCOE, OPS, Sysview, VPS assemblies (to SYS2.SYSR21.LINKLIB) and we copy some parmlib members (IPCS for Jes2 and MQ). We also update IPLtext.

# Our Clone process: USS

- All of our SMPE ZFS's reside on one mod-54.
- Copy the ZFS/HFS datasets with rename:
  - COPY TYPE=DSF,DSNENQ=NONE,BYPASSSMS
  - SELECT DSG=OMVS.ZOST0D,NEWG=OMVS.SYSR21
- Mount the filesystems, do some chown/extattr/chmod's, linking:

```
MOUNT FILESYSTEM( 'OMVS.SYSR21.ROOT' ) +
```

- TYPE(ZFS) MODE(RDWR) SYSNAME(USCT) NOAUTOMOVE +
- MOUNTPOINT( '/SYSR21' )
- MOUNT FILESYSTEM( 'OMVS.SYSR21.SXMLHFS' ) +
- TYPE(ZFS) MODE(RDWR) SYSNAME(USCT) NOAUTOMOVE +
- MOUNTPOINT( '/SYSR21/usr/lpp/ixm' )
- MOUNT FILESYSTEM( 'OMVS.SYSR21.SAOPROOT' ) +
- TYPE(ZFS) MODE(RDWR) SYSNAME(USCT) NOAUTOMOVE +
- MOUNTPOINT( '/SYSR21/usr/lpp/Printsrv' )

# Our Clone Process: USS (continued)

- Some examples of the root updates:
  - 'symlink \$SYSNAME/etc                    '\$root'/etc'
  - 'unlink '\$root'/opt/dfslocal'
- Finally, we DSS copy some old HFS's over:
  - An old MQV6 that they won't get rid of
  - An old java for one application

# Our clone process: Program Products

Usually each product has a \$BUILD job in its install library.  
This job FDR Copies selected datasets:

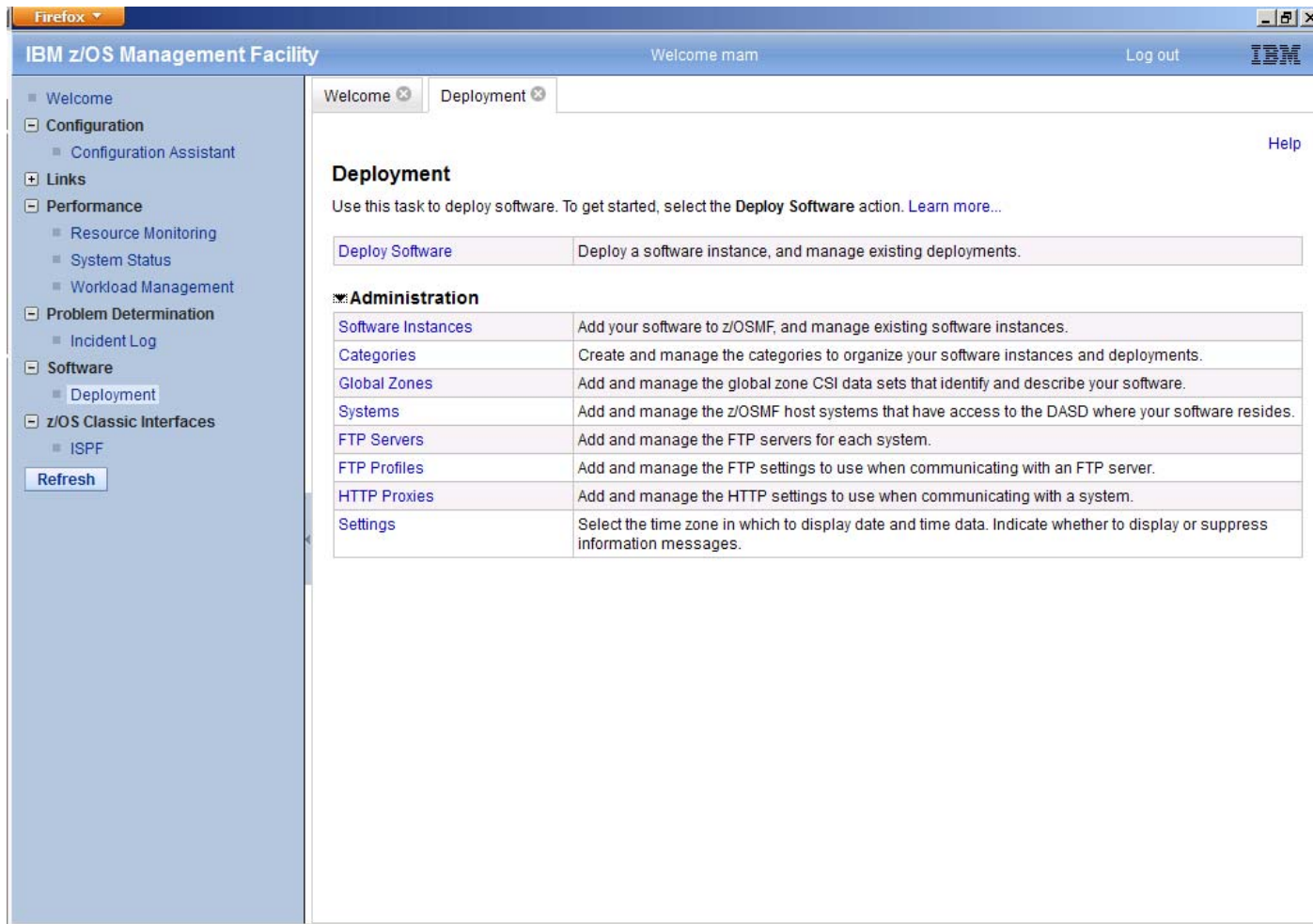
```
SELECT DSN=CASMP.CA1V126.SP00.CTAPMENU,  
       NEWNAME=TMS.V126SP00.CTAPMENU
```

```
SELECT DSN=CASMP.CA1V126.SP00.CTAPLINK,  
       NEWNAME=TMSSYS.V126SP00.CTAPLINK
```

```
%MCATALL TMSSYS.V126SP00.CTAPLINK / SYS008
```



# Software Deployment Function



The screenshot shows the IBM z/OS Management Facility web interface. The browser window is titled "Firefox" and the page header includes "IBM z/OS Management Facility", "Welcome mam", "Log out", and the IBM logo. The left sidebar contains a navigation menu with categories: Welcome, Configuration (with sub-item Configuration Assistant), Links, Performance (with sub-items Resource Monitoring, System Status, Workload Management), Problem Determination (with sub-item Incident Log), Software (with sub-item Deployment), and z/OS Classic Interfaces (with sub-item ISPF). A "Refresh" button is located at the bottom of the sidebar. The main content area has two tabs: "Welcome" and "Deployment". The "Deployment" tab is active, showing a "Help" link and a section titled "Deployment" with the text: "Use this task to deploy software. To get started, select the **Deploy Software** action. [Learn more...](#)". Below this is a table with one row: "Deploy Software" | "Deploy a software instance, and manage existing deployments." Underneath is an "Administration" section with a table listing various management tasks.

Administration	
<a href="#">Software Instances</a>	Add your software to z/OSMF, and manage existing software instances.
<a href="#">Categories</a>	Create and manage the categories to organize your software instances and deployments.
<a href="#">Global Zones</a>	Add and manage the global zone CSI data sets that identify and describe your software.
<a href="#">Systems</a>	Add and manage the z/OSMF host systems that have access to the DASD where your software resides.
<a href="#">FTP Servers</a>	Add and manage the FTP servers for each system.
<a href="#">FTP Profiles</a>	Add and manage the FTP settings to use when communicating with an FTP server.
<a href="#">HTTP Proxies</a>	Add and manage the HTTP settings to use when communicating with a system.
<a href="#">Settings</a>	Select the time zone in which to display date and time data. Indicate whether to display or suppress information messages.

Firefox

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

Deployment [Help](#)

Deployment ▶ Deploy Software

### Deploy Software

To deploy a software instance, define a new deployment.

Deployments:

Name Filter	Activity Filter	Categories Filter	Source Software Instance Filter	Source System Filter	Target Software Inst Filter
<input type="checkbox"/> OSS096 v...	Being modified		OSS096	LOCAL	
<input type="checkbox"/> DK553A	Completed		DK553A	LOCAL	DK553A Again
<input type="checkbox"/> CA1	Being modified				

Total: 3, Selected: 0

[Refresh](#) Last refresh: Jan 25, 2012 7:40:36 AM local time (Jan 25, 2012 12:40:36 PM GMT)

[Close](#)

Firefox

IBM z/OS Management Facility

Welcome mam

Log out

Welcome x Deployment x

Deployment > Deploy Software > Deployment Checklist

Help

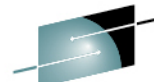
### Deployment Checklist

To deploy a software instance, complete the checklist.

Checklist

Progress	Step
✓	1. Specify the properties for this deployment.
→	2. Select the software instance to deploy.
	3. Select the objective for this deployment.
	4. Check for missing SYSMODs. <ul style="list-style-type: none"> <li>View missing SYSMOD reports.</li> </ul>
	5. Configure this deployment.
	6. Define the job settings. z/OSMF creates the deployment summary and jobs. <ul style="list-style-type: none"> <li>View the deployment summary.</li> <li>View the deployment jobs.</li> </ul>
	7. Specify the properties for the target software instance.

Close



SHARE  
Technology - Connections - Results

IBM z/OS Management Facility - Mozilla Firefox

File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Select Software Instance Help

### Select Software Instance

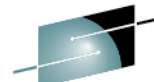
Software Instances

Actions	System Filter	Description Filter	Activity Filter	Categories Filter	Global Zone CSI Filter	Tar Filter
Modify... View... Copy... Remove... Add With Wizard... Add Without Wizard... Configure Columns... Hide Filter Row Clear Filters Modify Sort... Clear Sorts	LOCAL		Being deployed		MVSSMP.ZOSG0D.CSI	ZO
	LOCAL				MVSSMP.ZOSG0D.CSI	ZO
	LOCAL				CASMPCA1V128.SP00.CSI	CA

Total: 3, Selected: 0

Refresh Last refresh: Jan 27, 2012 1:08:12 PM local time (Jan 27, 2012 6:08:12 PM GMT)

OK Cancel



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IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Select Software Instance > Add Software Instance [Help](#)

### Add Software Instance

- ✓ Welcome
- ➔ **Name and Description**
- ✓ Global Zone
- Target Zones
- Categories
- Non-SMP/E Managed
- Data Sets
- Summary

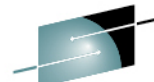
#### Name and Description

Enter the name and description of the software instance.

\* Name:

Description: (maximum 256 characters, currently 0 characters)

< Back Next > Finish Cancel



**SHARE**  
Technology - Connections - Results

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IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Select Software Instance > Add Software Instance Help

### Add Software Instance

- ✓ Welcome
- ✓ Name and Description
- ➔ Global Zone
  - Target Zones
  - Categories
  - Non-SMP/E Managed Data Sets
  - Summary

#### Global Zone

Select the global zone CSI associated with the product set.

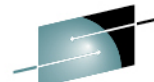
Global Zones

CSI Data Set Filter	System Filter	Description Filter	Activity Filter	Last Modified Filter
<input checked="" type="radio"/> MVSSMPZOSG0D.CSI	LOCAL			Dec 5, 2011
<input type="radio"/> MVSSMPDK553AG.CSI	LOCAL			Dec 7, 2011
<input type="radio"/> CASMPCA1V126.SP00.CSI	LOCAL			Jan 18, 2011

Total: 3, Selected: 1

Refresh Last refresh: Jan 27, 2012 1:08:41 PM local time (Jan 27, 2012 6:08:41 PM GMT)

< Back Next > Finish Cancel



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File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Select Software Instance > Add Software Instance Help

### Add Software Instance

- ✓ Welcome
- ✓ Name and Description
- ✓ Global Zone
- Target Zones
  - Categories
  - Non-SMP/E Managed
  - Data Sets
  - Summary

#### Target Zones

Select the target zones that describe the target libraries associated with the product set.

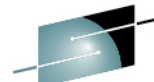
<input type="checkbox"/>	Name Filter	Description Filter	Messages Filter	Related DLIB Zone Filter	CSI Data Set Filter
<input type="checkbox"/>	SYSR11			ZOSD00	MVSSMP.SYSR11.CSI
<input type="checkbox"/>	SYSR11W			WASD07	MVSSMP.SYSR11.CSI
<input type="checkbox"/>	SYSR21			ZOSD00	MVSSMP.SYSR21.CSI
<input checked="" type="checkbox"/>	SYSR21W			WASD07	MVSSMP.SYSR21.CSI
<input type="checkbox"/>	SYSR31			ZOSD00	MVSSMP.SYSR31.CSI
<input type="checkbox"/>	SYSR31W			WASD07	MVSSMP.SYSR31.CSI
<input type="checkbox"/>	SYSR41			ZOSD00	MVSSMP.SYSR41.CSI
<input type="checkbox"/>	SYSR41W			WASD07	MVSSMP.SYSR41.CSI
<input type="checkbox"/>	WAST07			WASD07	MVSSMP.ZOST0D.CSI
<input checked="" type="checkbox"/>	ZOST0D			ZOSD00	MVSSMP.ZOST0D.CSI

Total: 10, Selected: 1

Refresh Last refresh: Jan 27, 2012 1:09:00 PM local time (Jan 27, 2012 6:09:00 PM GMT)

< Back Next > Finish Cancel





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IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Select Software Instance > Add Software Instance Help

### Add Software Instance

- ✓ Welcome
- ✓ Name and Description
- ✓ Global Zone
- ✓ Target Zones
- Categories
- Non-SMP/E Managed Data Sets
- Summary

#### Categories

Optionally, assign the software instance to one or more categories. Doing so helps you organize your software instances. For example, you can categorize them by product, subsystem, geography, or business unit.

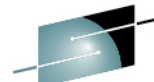
<input type="checkbox"/>	Name Filter	Description Filter	Activity Filter	Last Modified (GMT) Filter	Modified By Filter	L F
<input checked="" type="checkbox"/>	Operating System			Jan 27, 2012 4:16:47 PM	MAM	

Total: 1, Selected: 1

Refresh Last refresh: Jan 27, 2012 1:09:15 PM local time (Jan 27, 2012 6:09:15 PM GMT)

< Back Next > Finish Cancel





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IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Select Software Instance > Add Software Instance Help

### Add Software Instance

- ✓ Welcome
- ✓ Name and Description
- ✓ Global Zone
- ✓ Target Zones
- ✓ Categories
- ➔ **Non-SMP/E Managed Data Sets**
- Summary

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

Optionally, identify any non-SMP/E managed data sets associated with the product set.

Data Sets

Name	Volume
Filter	Filter

There is no data to display.

Total: 0, Selected: 0

< Back Next > Finish Cancel

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File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out IBM

[Welcome](#) [Deployment](#)

[Deployment](#) > [Deploy Software](#) > [Deployment Checklist](#) > [Select Software Instance](#) > [Add Software Instance](#) [Help](#)

### Add Software Instance

- Welcome
- Name and Description
- Global Zone
- Target Zones
- Categories
- Non-SMP/E Managed Data Sets
- Summary**

#### Summary

Review your selections. To make changes, return to the appropriate page by clicking **Back**. When you are ready to create the software instance, click **Finish**.

Name:  
z/OS 1.13

Description:

Categories:  
Operating System

Global Zone CSI Data Set:  
"MVSSMP.ZOSG0D.CSI" on system "LOCAL"

Target Zones:  
ZOST0D

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Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Select Software Instance Help

Messages 0 0 1 Close All

IZUD151I: Software instance "z/OS 1.13" was added. Jan 27, 2012 1:09:46 PM

Software Instances

Actions

Name Filter	System Filter	Description Filter	Activity Filter	Categories Filter	Global Zone CSI Filter
<input type="radio"/> OSS096	LOCAL		Being deployed		MVSSMPZOSG0D.CSI
<input type="radio"/> DK553A	LOCAL				MVSSMPZOSG0D.CSI
<input checked="" type="radio"/> z/OS 1.13	LOCAL			Operating System	MVSSMPZOSG0D.CSI
<input type="radio"/> CA1 Instance	LOCAL				CASMPCA1V128.SP00.CSI

Total: 4, Selected: 1

Refresh Last refresh: Jan 27, 2012 1:09:46 PM local time (Jan 27, 2012 6:09:46 PM GMT)

OK Cancel

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File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out IBM

Welcome x Deployment x

Deployment > Deploy Software > Deployment Checklist > Select Deployment Objective [Help](#)

### Select Deployment Objective

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

Objective:

- Create a new software instance and connect it to the following global zone CSI. [Learn more...](#)
  - A new global zone CSI
  - The source global zone CSI
  - Another existing global zone CSI
- Replace an existing software instance, and connect the new instance to the existing instance's global zone CSI. [Learn more...](#)

Select the system where the target software instance will reside.

\* Target system:  
LOCAL Select...  
OK Cancel

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File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist [Help](#)

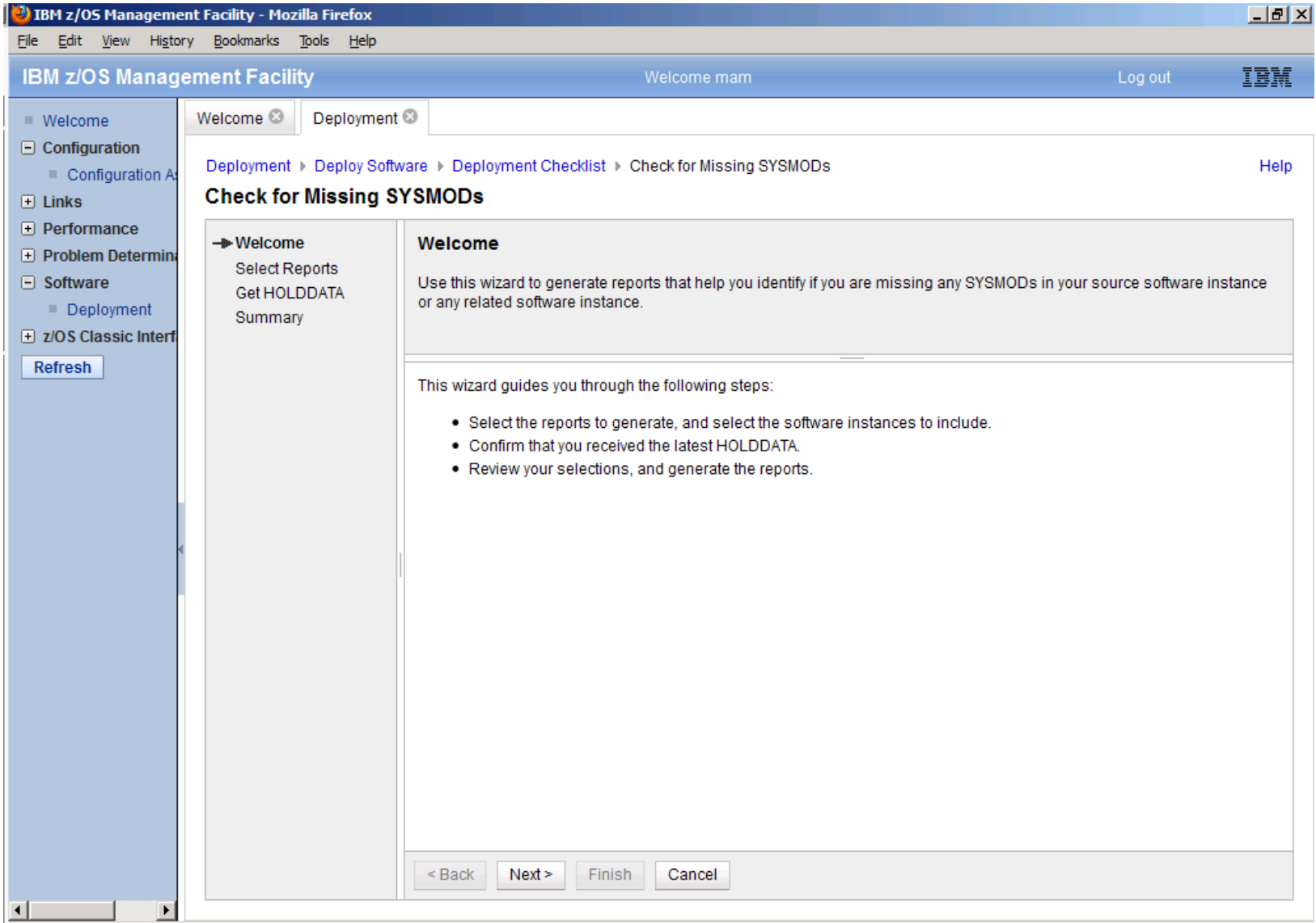
### Deployment Checklist

To deploy a software instance, complete the checklist.

Checklist

Progress	Step
✓	1. <a href="#">Specify the properties for this deployment.</a>
✓	2. <a href="#">Select the software instance to deploy.</a>
✓	3. <a href="#">Select the objective for this deployment.</a>
→	4. <a href="#">Check for missing SYSMODs.</a> <ul style="list-style-type: none"> <li>View missing SYSMOD reports.</li> </ul>
	5. Configure this deployment.
	6. Define the job settings. z/OSMF creates the deployment summary and jobs. <ul style="list-style-type: none"> <li>View the deployment summary.</li> <li>View the deployment jobs.</li> </ul>
	7. Specify the properties for the target software instance.

[Close](#)



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File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Check for Missing SYSMODs Help

### Check for Missing SYSMODs

→ Welcome

- Select Reports
- Get HOLDDATA
- Summary

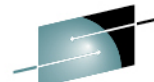
**Welcome**

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

This wizard guides you through the following steps:

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

< Back Next > Finish Cancel



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File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Check for Missing SYSMODs Help

### Check for Missing SYSMODs

✓ Welcome  
→ Select Reports  
Get HOLDDATA  
Summary

#### Select the Reports to Generate

Select the reports that you want this wizard to generate.

Requisite SYSMODs and Fix Categories reports.

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

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

Fix Categories Checked by Software Instance Type

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

Regressed SYSMODs and HOLDDATA Delta reports.

< Back Next > Finish Cancel

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File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Check for Missing SYSMODs Help

### Check for Missing SYSMODs

Select the Reports to Generate

Select the reports that you want this wizard to generate.

Requisite SYSMODs and Fix Categories reports.

The Requisite SYSMODs report will identify potential software compatibility issues (missing SYSMODs) for software instances that will share resources with, will be migrated to, or will satisfy the dependencies of the

**Warning**

**IZUD226W**  
 You have not selected to generate any of the recommended reports. Click OK to exit the wizard. Otherwise, click Cancel and select the reports to generate.

OK Cancel

Source	<ul style="list-style-type: none"> <li>• IBM.Device.*</li> <li>• IBM.Function.*</li> <li>• IBM.TargetSystem-RequiredService.*</li> </ul>
Shared Resources	<ul style="list-style-type: none"> <li>• IBM.Coexistence.*</li> <li>• IBM.Migrate-Fallback.*</li> </ul>
Satisfies Dependencies	<ul style="list-style-type: none"> <li>• IBM.TargetSystem-RequiredService.*</li> </ul>

Regressed SYSMODs and HOLDDATA Delta reports.

< Back Next > Finish Cancel



# Missing Sysmod Reports

IBM z/OS Management Facility - Mozilla Firefox

File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > View Missing SYSMOD Reports [Help](#)

## View Missing SYSMOD Reports

Last Generated: Feb 21, 2012 2:41:24 PM (GMT)

Requisite SYSMODs Fix Categories Regressed SYSMODs HOLDDATA Delta

Review the list of missing SYSMODs. Use SMP/E to apply the missing fixes to the corresponding target zones. If you do not apply the fixes, the software instance might not operate properly in the target environment.

Source software instance: z/OS 1.13 on system LOCAL

Missing SYSMODs

Actions	Software Instance Filter	Target Zone Filter	FMID (Description) Filter	Missing SYSMOD Filter	SYSMOD Received in Global Zone Filter	Causer SYSMOD Filter	Causer Software Instance Filter
	DK5022 on system LOCAL	DK5022	HBB7780 (BCP Base)	UA63009	No	UA63021	z/OS 1.13 on sys LOCAL
	DK5022 on system LOCAL	DK5022	HBB7780 (BCP Base)	UA63395	No	UK74705	z/OS 1.13 on sys LOCAL
	DK5022 on system LOCAL	DK5022	HBB7780 (BCP Base)	UA63504	No	UA63544	z/OS 1.13 on sys LOCAL
	DK5022 on system LOCAL	DK5022	HDZ1D10 (Data Facility System Managed Storage Base & ENU)	UA62838	No	UA63009	z/OS 1.13 on sys LOCAL
	DK5022 on system LOCAL	DK5022	HIF6M02 (ISPF Base)	UA62800	No	UK74622	z/OS 1.13 on sys LOCAL

Total: 20

Close

# What we do for missing fixes and holddata...

- `SET BDY(GLOBAL) .`  
`REPORT MISSINGFIX ZONES(ZOST0D) FIXCAT(*).`
- `SET BDY(GLOBAL)`  
`REPORT SYSMODS INZONE(ZOST0D)`  
`COMPAREDTO(SYSR21).`
- By the time we are cloning, we are far past the actual SMPE work. But a double check here doesn't hurt.

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File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out IBM

- Welcome
- Configuration
  - Configuration As
- Links
- Performance
- Problem Determination
- Software
  - Deployment
- z/OS Classic Interface

Refresh

Welcome Deployment

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

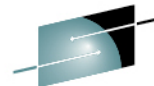
### Deployment Checklist

To deploy a software instance, complete the checklist.

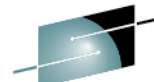
Checklist

Progress	Step
✓	1. Specify the properties for this deployment.
✓	2. Select the software instance to deploy.
✓	3. Select the objective for this deployment.
✓	4. Check for missing SYSMODs. <ul style="list-style-type: none"> <li>View missing SYSMOD reports.</li> </ul>
→	5. <a href="#">Configure this deployment</a>
	6. Define the job settings. z/OSMF creates the deployment summary and jobs. <ul style="list-style-type: none"> <li>View the deployment summary.</li> <li>View the deployment jobs.</li> </ul>
	7. Specify the properties for the target software instance.

Close



The screenshot shows a web browser window titled "IBM z/OS Management Facility - Mozilla Firefox". The browser's address bar and menu bar are visible. The main content area displays the "IBM z/OS Management Facility" header with a "Welcome mam" message and a "Log out" link. A left-hand navigation pane contains a tree view with categories like "Welcome", "Configuration", "Links", "Performance", "Problem Determination", "Software", and "z/OS Classic Interface". The "Software" category is expanded to show "Deployment". A "Refresh" button is located below the navigation pane. The main content area shows a breadcrumb trail: "Deployment > Deploy Software > Deployment Checklist > Configure Deployment". The title of the current page is "Configure Deployment for z/OS 1.13". Below the breadcrumb trail is a "Welcome" section with the text: "Use this wizard to configure the data set names, catalogs, volumes, mount points, and SMP/E zones to be used for the target software instance." This is followed by a list of seven steps: 1. Indicate whether this deployment should copy the distribution zones and distribution libraries (DLIBs) that are associated with the source software instance. 2. Select the software instance to use as a model for configuring the target software instance. 3. Specify the SMP/E zone names to use. 4. Specify the data set names to use, and assign the data sets to a volume or storage class. 5. Assign each data set prefix to a catalog. 6. Ensure that the volumes and storage classes have enough space to store the target software instance. 7. Specify the mount point to use for each UNIX file system data set that will be included in the target software instance. At the bottom of the wizard are four buttons: "< Back", "Next >", "Finish", and "Cancel".



IBM z/OS Management Facility - Mozilla Firefox

File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Configure Deployment [Help](#)

### Configure Deployment for z/OS 1.13

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

**DLIBs**

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

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

Yes

No

< Back **Next >** Finish Cancel



- Welcome
- Configuration
  - Configuration A
- Links
- Performance
- Problem Determination
- Software
  - Deployment
- z/OS Classic Interface
- Refresh

Welcome Deployment

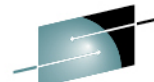
Deployment > Deploy Software > Deployment Checklist > Configure Deployment [Help](#)

### Configure Deployment for z/OS 1.13

<ul style="list-style-type: none"><li>✓ Welcome</li><li>✓ DLIBs</li><li>➔ <b>Model</b></li><li>SMP/E Zones</li><li>Data Sets</li><li>Catalogs</li><li>Volumes and Storage Classes</li><li>Mount Points</li></ul>	<p><b>Model</b></p> <p>Select the software instance to use as a model for configuring the target software instance. z/OSMF uses the data sets, volumes, mount points, catalogs, and SMP/E zones that are associated with the model to prime the corresponding values for the target software instance.</p> <hr/> <p>Select the software instance to use as a model.</p> <p><input checked="" type="radio"/> The source software instance</p> <p><input type="radio"/> Another existing software instance</p>
--	--

< Back Next > Finish Cancel





IBM z/OS Management Facility - Mozilla Firefox

File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Configure Deployment Help

### Configure Deployment for z/OS 1.13

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

**Model**

Select the software instance to use as a model for configuring the target software instance. z/OSMF uses the data sets, volumes, mount points, catalogs, and SMP/E zones that are associated with the model to prime the corresponding values for the target software instance.

Select the software instance to use as a model.

The source software instance

\* Collecting data to prime the target software instance. This request might take several minutes to complete. Note that no changes are occurring on the target system.

Cancel

< Back Next > Finish Cancel

IBM z/OS Management Facility - Mozilla Firefox

File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Configure Deployment Help

### Configure Deployment for z/OS 1.13

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

#### SMP/E Zones

The Zones table lists the names that will be used for the SMP/E zones included in the target software instance. Accept the default names, or modify them by double clicking the editable cells, or selecting the cell and pressing F2 or Enter.

Target Filter	Target Zone Filter	Target DLIB Zone Filter	Messages Filter	Source Target Zone Filter	Source Filter
*D5022T		D5022D		ZOST0D	ZOST0D

Total: 1

< Back Next > Finish Cancel



IBM z/OS Management Facility - Mozilla Firefox

File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Configure Deployment [Help](#)

### Configure Deployment for z/OS 1.13

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

**Data Sets**

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

Data Sets

Target Data Set Name	Target Volume	Target Storage Class	Messages	Source Data Set Name
<input checked="" type="checkbox"/> MVSSMPZ	ZOSD1D			MVSSMPZOSD0D
<input checked="" type="checkbox"/> MVSSMPZ	ZOSG0D			MVSSMPZOSD0D
<input checked="" type="checkbox"/> MVSSMPZ	ZOSG0D			MVSSMPZOSD0D
<input checked="" type="checkbox"/> MVSSMPZ	ZOSG0D			MVSSMPZOSG0D
<input checked="" type="checkbox"/> MVSSMPZ	ZOSG0D			MVSSMPZOSG0D
<input checked="" type="checkbox"/> MVSSMPZ	ZOSG0D			MVSSMPZOSG0D
<input checked="" type="checkbox"/> MVSSMPZ	ZOSG0D			MVSSMPZOSG0D
<input checked="" type="checkbox"/> MVSSMPZOSG0D.SMPPTS2	ZOSG0D			MVSSMPZOSG0D
<input checked="" type="checkbox"/> MVSSMPZOSG0D.SMPPTS3	ZOSG0D			MVSSMPZOSG0D
<input checked="" type="checkbox"/> MVSSMPZOSG0D.SMPPTS4	ZOSG0D			MVSSMPZOSG0D
<input checked="" type="checkbox"/> MVSSMPZOSG0D.SMPPTS5	ZOSG0D			MVSSMPZOSG0D
<input checked="" type="checkbox"/> MVSSMPZOSG0D.SMPPTS6	ZOSG0D			MVSSMPZOSG0D

Total: 1161, Selected: 1161

< Back Next > Finish Cancel

IBM z/OS Management Facility - Mozilla Firefox

File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > 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: Example data set name:  
 From: MVSSMP.ZOSD0D.CSI  
 To:  MVSSMP.D5022D.MVSSMP.ZOSD0D.CSI

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

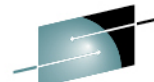
Volume  Storage class [?](#)

Selected Data Sets

Actions

Target Data Set Name <a href="#">Filter</a>	Target Volume <a href="#">Filter</a>	Target Storage Class <a href="#">Filter</a>	Messages <a href="#">Filter</a>
<input checked="" type="checkbox"/> MVSSMP.ZOSD0D.CSI	ZOSD1D		
<input checked="" type="checkbox"/> MVSSMP.ZOSD0D.SMPDLOG	ZOSG0D		
<input checked="" type="checkbox"/> MVSSMP.ZOSD0D.SMPDLOGA	ZOSG0D		
<input checked="" type="checkbox"/> MVSSMP.ZOSG0D.CSI	ZOSG0D		
<input checked="" type="checkbox"/> MVSSMP.ZOSG0D.SMPPTS	ZOSG0D		
<input checked="" type="checkbox"/> MVSSMP.ZOSG0D.SMPPTS1	ZOSG0D		
<input checked="" type="checkbox"/> MVSSMP.ZOSG0D.SMPPTS2	ZOSG0D		
<input checked="" type="checkbox"/> MVSSMP.ZOSG0D.SMPPTS3	ZOSG0D		
<input checked="" type="checkbox"/> MVSSMP.ZOSG0D.SMPPTS4	ZOSG0D		
<input checked="" type="checkbox"/> MVSSMP.ZOSG0D.SMPPTS5	ZOSG0D		
<input type="checkbox"/> MVSSMP.ZOSG0D.SMPPTS6	ZOSG0D		

Total: 1161, Selected: 1161



**SHARE**  
Technology - Connections - Results

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File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Configure Deployment Help

### Configure Deployment for z/OS 1.13

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

#### Catalogs

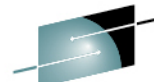
The Target Data Set Name Prefixes table lists the catalogs where target data sets with the data set name prefixes will be cataloged. You can accept the default catalog assignments, select different catalogs, or select not to catalog the corresponding data sets.

Target Data Set Name Prefixes

Prefix <a href="#">Filter</a>	New or Existing <a href="#">Filter</a>	Catalog the Data Sets? <a href="#">Filter</a>	Catalog Name <a href="#">Filter</a>	Catalog Type <a href="#">Filter</a>	Messages <a href="#">Filter</a>
<input checked="" type="checkbox"/>	MVSSMP	Existing	Yes (Required)	UCAT.VSYSXX1	USER

Total: 1, Selected: 1

< Back Next > Finish Cancel



IBM z/OS Management Facility - Mozilla Firefox

File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Configure Deployment Help

### Configure Deployment for z/OS 1.13

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

#### Volumes and Storage Classes

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

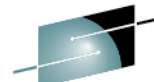
Messages 1 0 0 Close All

**IZUD521E:** The request failed because errors occurred for one or more volumes. Review the messages identified in the Target Volumes table, and correct any errors. Jan 27, 2012 1:38:34 PM

Target Volumes

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	Cata Meth Filter
<input type="radio"/> ZOSD1D	8514.05	7407.63	87	<input checked="" type="checkbox"/> Error	14805.91	174	7398.28	85	No	Dir
<input type="radio"/> ZOSG0D	51084.30	46782.25	92	<input checked="" type="checkbox"/> Error	90554.73	177	43772.48	85	No	Dir
<input type="radio"/> ZOSZ0D	51084.30	17353.63	34		27776.69	54	10423.06	85	No	Dir
<input type="radio"/> ZOSD0D	8514.05	7438.40	87	<input checked="" type="checkbox"/> Error	11884.20	140	4445.80	85	No	Dir
<input type="radio"/> ZOST0D	8514.05	7578.66	89	<input checked="" type="checkbox"/> Error	14954.88	178	7378.22	85	No	Dir

< Back Next > Finish Cancel



IBM z/OS Management Facility - Mozilla Firefox

File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Configure Deployment Help

### Configure Deployment for z/OS 1.13

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

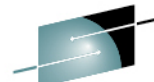
#### Data Sets

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

<input type="checkbox"/>	Target Data Set Name <small>Filter</small>	Target Volume <small>Filter</small>	Target Storage Class <small>Filter</small>	Message <small>Filter</small>	Source Data Set Name <small>Filter</small>
<input type="checkbox"/>	MVSSMP.DK5022.ZOSG0D.CSI	DK5022			MVSSMP.ZOSG0D.CSI
<input type="checkbox"/>	MVSSMP.DK5022.ZOST0D.CSI	DK5022			MVSSMP.ZOST0D.CSI
<input type="checkbox"/>	MVSSMP.DK5022.ZOST0D.SMPLTS	DK5022			MVSSMP.ZOST0D.SMPLTS
<input type="checkbox"/>	MVSSMP.DK5022.ZOST0D.SMPMTS	DK5022			MVSSMP.ZOST0D.SMPMTS
<input type="checkbox"/>	MVSSMP.DK5022.ZOST0D.SMPSCDS	DK5022			MVSSMP.ZOST0D.SMPSCDS
<input type="checkbox"/>	MVSSMP.DK5022.ZOST0D.SMPSTS	DK5022			MVSSMP.ZOST0D.SMPSTS
<input type="checkbox"/>	MVSSMP.DK5022.ZOST0D.SMPTLOG	DK5022			MVSSMP.ZOST0D.SMPTLOG
<input type="checkbox"/>	MVSSMP.DK5022.ZOST0D.SMPTLOGA	DK5022			MVSSMP.ZOST0D.SMPTLOGA
<input type="checkbox"/>	OMVS.DK5022.JAVA31M1	DK5022			OMVS.ZOST0D.JAVA31M1
<input type="checkbox"/>	OMVS.DK5022.JAVA31V5	DK5022			OMVS.ZOST0D.JAVA31V5
<input type="checkbox"/>	OMVS.DK5022.JAVA84M1	DK5022			OMVS.ZOST0D.JAVA84M1

Total: 583, Selected: 0

< Back Next > Finish Cancel



IBM z/OS Management Facility - Mozilla Firefox

File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > 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: Example data set name:  
From: SYS1 SYS1.ADFMAC1  
To:  SYS1.ADFMAC1

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

Volume  Storage class

St

Target Data Set name <small>Filter</small>	Target Volume <small>Filter</small>	Target Storage Class <small>Filter</small>	Messages <small>Filter</small>
<input checked="" type="checkbox"/> SYS1.ADFMAC1	ZOST0D		
<input checked="" type="checkbox"/> SYS1.BNJPNL1	ZOST0D		
<input checked="" type="checkbox"/> SYS1.BNJPNL2	ZOST0D		
<input checked="" type="checkbox"/> SYS1.BNJSRC1	ZOST0D		
<input checked="" type="checkbox"/> SYS1.CBRDBRM	ZOST0D		
<input checked="" type="checkbox"/> SYS1.COMDLIB	ZOST0D		
<input checked="" type="checkbox"/> SYS1.CNMCLST	ZOST0D		
<input checked="" type="checkbox"/> SYS1.CNMINST	ZOST0D		
<input checked="" type="checkbox"/> SYS1.CNMLINK	ZOST0D		
<input checked="" type="checkbox"/> SYS1.CNMPNL1	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL2	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL3	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL4	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL5	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL6	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL7	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL8	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL9	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL10	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL11	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL12	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL13	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL14	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL15	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL16	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL17	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL18	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL19	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL20	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL21	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL22	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL23	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL24	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL25	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL26	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL27	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL28	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL29	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL30	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL31	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL32	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL33	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL34	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL35	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL36	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL37	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL38	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL39	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL40	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL41	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL42	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL43	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL44	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL45	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL46	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL47	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL48	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL49	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL50	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL51	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL52	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL53	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL54	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL55	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL56	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL57	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL58	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL59	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL60	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL61	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL62	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL63	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL64	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL65	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL66	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL67	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL68	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL69	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL70	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL71	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL72	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL73	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL74	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL75	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL76	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL77	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL78	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL79	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL80	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL81	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL82	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL83	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL84	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL85	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL86	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL87	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL88	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL89	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL90	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL91	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL92	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL93	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL94	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL95	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL96	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL97	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL98	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL99	ZOST0D		
<input type="checkbox"/> SYS1.CNMPNL00	ZOST0D		

Total: 560, Selected: 560

OK Reset Cancel

IBM z/OS Management Facility - Mozilla Firefox

File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Configure Deployment [Help](#)

### Configure Deployment for z/OS 1.13

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

#### Catalogs

The Target Data Set Name Prefixes table lists the catalogs where target data sets with the data set name prefixes will be cataloged. You can accept the default catalog assignments, select different catalogs, or select not to catalog the corresponding data sets.

Target Data Set Name Prefixes

Prefix Filter	New or Existing Filter	Catalog the Data Sets? Filter	Catalog Name Filter	Catalog Type Filter	Message Filter
<input type="checkbox"/> MVSSMP	Existing	Yes (Required)	UCAT.VSYSXX1	USER	
<input type="checkbox"/> OMVS	Existing	Yes (Required)	UCAT.VSYSXX1	USER	
<input type="checkbox"/> SYS1	Existing	Yes	MCAT.VSYSCTT	MASTER	

Total: 3, Selected: 0

< Back Next > Finish Cancel



IBM z/OS Management Facility - Mozilla Firefox

File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out

- Welcome
- Configuration
- Links
- Performance
- Problem Determination
- Software
  - Deployment
- z/OS Classic Interfaces
  - Refresh

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Configure Deployment [Help](#)

### Configure Deployment for z/OS 1.13

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

**Catalogs**

The Target Data Set Name Prefixes table lists the catalogs where target data sets with the data set name prefixes will be cataloged. You can accept the default catalog assignments, select different catalogs, or select not to catalog the corresponding data sets.

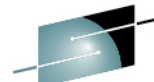
Target Data Set Name Prefixes

Prefix Filter	Target Data Set Name	Target Data	Catalog Name Filter	Catalog Type Filter	Message Filter
<input type="checkbox"/> MVSSMP	Select Catalog...	(red)	UCAT.VSYSXX1	USER	
<input type="checkbox"/> OMVS	Select All	(red)	UCAT.VSYSXX1	USER	
<input checked="" type="checkbox"/> SYS1	Deselect All		MCAT.VSYSCTT	MASTER	

Total: 3, Selected: 1

< Back Next > Finish Cancel





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IBM z/OS Management Facility Welcome mam Log out

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Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Configure Deployment Help

### Configure Deployment for z/OS 1.13

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

#### Volumes and Storage Classes

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

▼ Target Volumes

Volume <a href="#">Filter</a>	Total Capacity (MB) <a href="#">Filter</a>	Current Allocated Space (MB) <a href="#">Filter</a>	Current Allocated Space (%) <a href="#">Filter</a>	Messages <a href="#">Filter</a>	Allocated Space After Deployment (MB) <a href="#">Filter</a>	Allocated Space After Deployment (%) <a href="#">Filter</a>	Allocated Space Delta (MB) <a href="#">Filter</a>	Planned Threshold (%) <a href="#">Filter</a>	Initialize Volume <a href="#">Filter</a>
<input type="radio"/> DK5022	51084.30	0.85	<1		18027.20	35	18026.35	85	No

Total: 1, Selected: 0

▶ Target Storage Classes

Refresh Last refresh: Feb 1, 2012 7:54:35 AM local time (Feb 1, 2012 12:54:35 PM GMT)

< Back Next > Finish Cancel

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Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Configure Deployment Help

### Configure Deployment for z/OS 1.13

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

#### Mount Points

The Mount Points table lists the mount points that will be used for the UNIX file system data sets included in the target software instance. Accept the default mount points, or use the **Modify Target Mount Point** action to modify them.

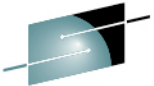
Target mount point Filter	Target Data Set Name Filter	Source mount point Filter
<input checked="" type="radio"/> /SERVZOS/ZOST0D/usr/lpp/java/J6.0.1	OMVS.DK5022.JAVA31M1	/SERVZOS/ZOST0D/usr/lpp/java/J6.0
<input type="radio"/> /SERVZOS/ZOST0D/usr/lpp/java/J5.0	OMVS.DK5022.JAVA31V5	/SERVZOS/ZOST0D/usr/lpp/java/J5.0
<input type="radio"/> /SERVZOS/ZOST0D/usr/lpp/java/J6.0.1_64	OMVS.DK5022.JAVA64M1	/SERVZOS/ZOST0D/usr/lpp/java/J6.0
<input type="radio"/> /SERVZOS/ZOST0D/usr/lpp/java/J5.0_64	OMVS.DK5022.JAVA64V5	/SERVZOS/ZOST0D/usr/lpp/java/J5.0
<input type="radio"/> /SERVZOS/ZOST0D/usr/lpp/mqm/V7R0M1	OMVS.DK5022.MQROOT	/SERVZOS/ZOST0D/usr/lpp/mqm/V7R0
<input type="radio"/> /SERVZOS/ZOST0D/usr/lpp/netview/v5r4	OMVS.DK5022.NETVIEW	/SERVZOS/ZOST0D/usr/lpp/netview/v5r4
<input type="radio"/> /SERVZOS/ZOST0D	OMVS.DK5022.ROOT	/SERVZOS/ZOST0D
<input type="radio"/> /SERVZOS/ZOST0D/usr/lpp/Printsrv	OMVS.DK5022.SAOPROOT	/SERVZOS/ZOST0D/usr/lpp/Printsrv
<input type="radio"/> /SERVZOS/ZOST0D/usr/lpp/zWebSphereOEM/V7R0	OMVS.DK5022.SBBN7HFS	/SERVZOS/ZOST0D/usr/lpp/zWebSphereOEM/V7R0
<input type="radio"/> /SERVZOS/ZOST0D/usr/lpp/perl	OMVS.DK5022.SHPEROOT	/SERVZOS/ZOST0D/usr/lpp/perl
<input type="radio"/> /SERVZOS/ZOST0D/usr/lpp/php	OMVS.DK5022.SHPHROOT	/SERVZOS/ZOST0D/usr/lpp/php

Total: 14, Selected: 1

< Back Next > Finish Cancel



This panel would not let me change all, select all, or select multiples. I had to select each one individually and change it. ☹️



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Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Configure Deployment > Modify Mount Point [Help](#)

### Modify Target Mount Point for OMVS.DK5022.JAVA31M1

* Target Mount Point:	Source Mount Point:
<input type="text" value="/SERVZOS/DK5022/usr/lpp/java/."/>	<input type="text" value="/SERVZOS/ZOST0D/usr/lpp/java/J6.0.1"/>

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Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Configure Deployment Help

### Configure Deployment for z/OS 1.13

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

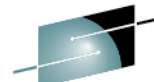
#### Mount Points

The Mount Points table lists the mount points that will be used for the UNIX file system data sets included in the target software instance. Accept the default mount points, or use the **Modify Target Mount Point** action to modify them.

Target mount point	Target Data Set Name	Source mount point
Filter	Filter	Filter
<input type="radio"/> /SERVZOS/DK5022/usr/lpp/java/J6.0.1	OMVS.DK5022.JAVA31M1	/SERVZOS/ZOST0D/usr/lpp/java/J6.0
<input type="radio"/> /SERVZOS/DK5022/usr/lpp/java/J5.0	OMVS.DK5022.JAVA31V5	/SERVZOS/ZOST0D/usr/lpp/java/J5.0
<input type="radio"/> /SERVZOS/DK5022/usr/lpp/java/J6.0.1_64	OMVS.DK5022.JAVA64M1	/SERVZOS/ZOST0D/usr/lpp/java/J6.0
<input type="radio"/> /SERVZOS/DK5022/usr/lpp/java/J5.0_64	OMVS.DK5022.JAVA64V5	/SERVZOS/ZOST0D/usr/lpp/java/J5.0
<input type="radio"/> /SERVZOS/DK5022/usr/lpp/mqm/V7R0M1	OMVS.DK5022.MQROOT	/SERVZOS/ZOST0D/usr/lpp/mqm/V7R0
<input type="radio"/> /SERVZOS/DK5022/usr/lpp/netview/v5r4	OMVS.DK5022.NETVIEW	/SERVZOS/ZOST0D/usr/lpp/netview/v5r4
<input type="radio"/> /SERVZOS/DK5022	OMVS.DK5022.ROOT	/SERVZOS/ZOST0D
<input type="radio"/> /SERVZOS/DK5022/usr/lpp/Printsrv	OMVS.DK5022.SAOPROOT	/SERVZOS/ZOST0D/usr/lpp/Printsrv
<input type="radio"/> /SERVZOS/DK5022/usr/lpp/zWebSphereOEM/V7R0	OMVS.DK5022.SBBN7HFS	/SERVZOS/ZOST0D/usr/lpp/zWebSphereOEM/V7R0
<input type="radio"/> /SERVZOS/DK5022/usr/lpp/perl	OMVS.DK5022.SHPERROOT	/SERVZOS/ZOST0D/usr/lpp/perl
<input type="radio"/> /SERVZOS/DK5022/usr/lpp/php	OMVS.DK5022.SHPHROOT	/SERVZOS/ZOST0D/usr/lpp/php

Total: 14, Selected: 1

< Back Next > Finish Cancel



**SHARE**  
Technology - Connections - Results

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IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist [Help](#)

### Deployment Checklist

To deploy a software instance, complete the checklist.

Checklist

Progress	Step
✓	1. <a href="#">Specify the properties for this deployment.</a>
✓	2. <a href="#">Select the software instance to deploy.</a>
✓	3. <a href="#">Select the objective for this deployment.</a>
✓	4. <a href="#">Check for missing SYSMODs.</a> <ul style="list-style-type: none"><li>• <a href="#">View missing SYSMOD reports.</a></li></ul>
✓	5. <a href="#">Configure this deployment.</a>
→	6. <a href="#">Define the job settings. z/OSMF creates the deployment summary and jobs.</a> <ul style="list-style-type: none"><li>• <a href="#">View the deployment summary.</a></li><li>• <a href="#">View the deployment jobs.</a></li></ul>
	7. <a href="#">Specify the properties for the target software instance.</a>

[Close](#)

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Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Define Job Settings Help

### Define Job Settings

The data set name below will be used for the JCL jobs generated. Edit or accept the data set name and job card data.

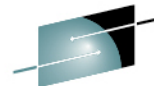
\* JCL data set name:  
MAM.DM.D120201.T130121.CNTL

\* JOB statement:  
|-----1-----2-----3-----4-----5-----6-----7--  
//MAMZOSMF JOB (TE10,143),'MARY ANNE',MSGCLASS=X,CLASS=H  
//\*  
//\*  
//\*

Undo Changes Restore Defaults

OK Cancel





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Welcome  Deployment

Deployment > Deploy Software > Deployment Checklist > Define Job Settings

Help

### Define Job Settings

The data set name below will be used for the JCL jobs generated. Edit or accept the data set name and job card data.

\* JCL data set name:

MAM.DM.D120201.T130121.CNTL

\* JOB statement:

|-----1-----2-----3-----4-----5-----6-----7--

```
//MAMZOSMF JOB (TE10,143), 'MARY ANNE', MSGCLASS=X, CLASS=H
//*
//*
//*
```

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

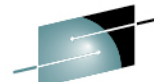
Cancel

Undo Changes

Restore Defaults

OK

Cancel



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Welcome Deployment

Deployment > Deploy Software > Deployment Checklist [Help](#)

### Deployment Checklist

To deploy a software instance, complete the checklist.

Checklist

Progress	Step
✓	1. <a href="#">Specify the properties for this deployment.</a>
✓	2. <a href="#">Select the software instance to deploy.</a>
✓	3. <a href="#">Select the objective for this deployment.</a>
✓	4. <a href="#">Check for missing SYSMODs.</a> <ul style="list-style-type: none"><li><a href="#">View missing SYSMOD reports.</a></li></ul>
✓	5. <a href="#">Configure this deployment.</a>
✓	6. <a href="#">Define the job settings. z/OSMF creates the deployment summary and jobs.</a> <ul style="list-style-type: none"><li><a href="#">View the deployment summary.</a></li><li><a href="#">View the deployment jobs.</a></li></ul>
➔	7. <a href="#">Specify the properties for the target software instance.</a>

Close



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Welcome Deployment

Deployment > Deploy Software > Deployment Checklist Help

### Deployment Checklist

To deploy a software instance, complete the checklist.

Checklist

Progress	Step
✓	1. Specify the properties for this deployment.
✓	2. Select the software instance to deploy.
✓	3. Select the objective for this deployment.
✓	4. Check for missing SYSMODs. <ul style="list-style-type: none"> <li>View missing SYSMODs</li> </ul>
✓	5. Configure this deployment.
✓	6. Define the job set. <ul style="list-style-type: none"> <li>View the deployment job set</li> <li>View the deployment job set</li> </ul>
→	7. Specify the properties for this deployment.

Close

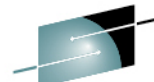
**Warning**

**IZUD223W**

You are about to define a new software instance or modify an existing instance. To keep your installation and z/OSMF synchronized, ensure that the deployment jobs are complete and that the software instance is deployed. Click OK to proceed. Otherwise, click Cancel.

OK Cancel





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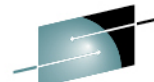
### Deployment Checklist

To deploy a software instance, complete the checklist.

Checklist

Progress	Step
✓	1. Specify the properties for this deployment.
✓	2. Select the software instance to deploy.
✓	3. Select the objective for this deployment.
✓	4. Check for missing SYSMODs. <ul style="list-style-type: none"><li>View missing SYSMOD reports.</li></ul>
✓	5. Configure this deployment.
✓	6. Define the job settings. z/OSMF creates the deployment summary and jobs. <ul style="list-style-type: none"><li>View the deployment summary.</li><li>View the deployment jobs.</li></ul>
⇒	7. Specify the properties for the target software instance.

Close



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Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > View Deployment Summary [Help](#)

### View Deployment Summary

Review the changes that will occur on the target system when you submit the deployment jobs.

Source software instance: z/OS 1.13 on system LOCAL  
Target system: LOCAL  
Deployment objective: Create new software instance, create new global zone

SMP/E Zones Volumes Data Sets to Delete Data Sets to Add Data Sets to Replace Catalogs Catalog Aliases

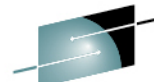
Catalog Entries To Delete Catalog Entries To Add Catalog Entries To Update

Global Zone CSI:  
"MVSSMP.DK5022.ZOSG0D.CSI" on system "LOCAL"

Zones to Add

Zone Name	Data Set Name	Zone Type
DK5022	MVSSMP.DK5022.ZOST0D.CSI	TARGET

OK



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IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > View Deployment Jobs [Help](#)

### View Deployment Jobs

Review and submit the jobs created for this deployment. The jobs are stored in the specified partitioned data set.

Data set name: MAM.DM.D120201.T130121.CNTL  
Target system: LOCAL

Jobs

Actions ▾

Job Sequence <a href="#">Filter</a>	Job Name <a href="#">Filter</a>	Description <a href="#">Filter</a>
1	IZUD01CP	Copy Data Sets: Copy the source software instance data sets to create the target software instance data sets in the location defined by the deployment configuration, using temporary and unique data set names.
2	IZUD02RN	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.
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 UNIX directory prefixes.

Total: 3

# Jobs produced

- Ultimately the Software Deployment function creates three jobstreams:
  - IZUD01CP – Copies the target zone SMP libraries, the zFS/HFS files, and the SYS1 target libraries to the new volume
  - IZUD02RN – This job renames all the datasets to their proper names. (ie, SYS1.LPALIB.# to SYS1.LPALIB)
  - IZUD03UC – This job does all the SMPE work. Defines a new Global CSI, does the zonerename, and changes all the dddefs.
  - And one readme file: IZUD00RM

# userid.DM.Dyymmdd.Tttttt.CNTL (IZUD01CP)



```
//* This step copies the source data sets into the target data      *
//* sets. A return code of 4 is acceptable.                          *
//* NOTE: Any changes to the SYSIN statements of this step will    *
//* result in failure.                                             *
//*                                                                 *
//*****
//*
//COPY1 EXEC PGM=GIMADR,COND=(0,LT,DEL1),REGION=0M,
//          PARM='KEY=C4F0E2122C5CBCC7DE2D428441C1D8DE'
//SYSPRINT DD  SYSOUT=*
//SYSIN      DD  *
/* Wed, 1 Feb 2012 13:29:37 GMT */
COPY DS(INCLUDE( -
  MVSSMP.ZOST0D.CSI -
  MVSSMP.ZOST0D.SMPLTS -
  MVSSMP.ZOST0D.SMPMTS -
  MVSSMP.ZOST0D.SMPSCDS -
  MVSSMP.ZOST0D.SMPSTS -
```

# DSLISL

DSLISL - Data Sets on volume DK5022

Row 1 of 586

Command ==>

Scroll ==> CSR

Command - Enter "/" to select action

Message

Volume

---

MVSSMP.DK5022.ZOSG0D.CSI.DATA	DK5022
MVSSMP.DK5022.ZOSG0D.CSI.INDEX	DK5022
MVSSMP.DK5022.ZOST0D.CSI.DATA	DK5022
MVSSMP.DK5022.ZOST0D.CSI.INDEX	DK5022
MVSSMP.DK5022.ZOST0D.SMPLTS	DK5022
MVSSMP.DK5022.ZOST0D.SMPMTS	DK5022
MVSSMP.DK5022.ZOST0D.SMPSCDS	DK5022
MVSSMP.DK5022.ZOST0D.SMPSTS	DK5022
MVSSMP.DK5022.ZOST0D.SMPTLOG	DK5022
MVSSMP.DK5022.ZOST0D.SMPTLOGA	DK5022
OMVS.DK5022.JAVA31M1.DATA	DK5022
OMVS.DK5022.JAVA31V5.DATA	DK5022
OMVS.DK5022.JAVA64M1.DATA	DK5022
OMVS.DK5022.JAVA64V5.DATA	DK5022
OMVS.DK5022.MQROOT.DATA	DK5022
OMVS.DK5022.NETVIEW.DATA	DK5022

# Lets IPL it...

- First IPL had a problem with no IPLTEXT. Ran it manually.

- Second IPL:

```
IMW005W WORKLOAD MANAGER (COMP/SCWLM) CATASTROPHIC FAILURE:  
WAIT STATE CODE WS/08C  
REASON CODE RSN/001  
ENTRYPOINT EP/UNKNOWN  
REASON IS GENERIC/UNKNOWN WLM FAILURE  
NO ADDITIONAL WLM SPECIFIC INFORMATION
```

- We do some unnatural things with SYS1.IBM.PROCLIB and SYS1.PROCLIB, and they end up together in SYS1.PROCLIB.
- z/OSMF goes by the SMPE dddefs, so in his mind, SYS1.PROCLIB isn't there.
- **Third IPL was the charm!**



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IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software Help


### Deploy Software

To deploy a software instance, define a new deployment.

Deployments:

Name Filter	Description Filter	Activity Filter	Categories Filter	Source Software Instance Filter	Source System Filter	Target Filter
<input type="checkbox"/> OSS096 volume		Deploy modified		OSS096	LOCAL	
<input type="checkbox"/> DK553A					LOCAL	DK553A
<input type="checkbox"/> CA1						
<input checked="" type="checkbox"/> DK5022 1.13					LOCAL	

**Warning**

 **IZUG1005W**  
Resource "DK5022 1.13" is currently being modified by user "MAM". It was locked Jan 27, 2012 6:08:02 PM (GMT). You can perform one of the actions listed below.

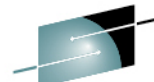
- Open the resource in view mode
- Obtain the lock for the resource and open the resource in modify mode. Before obtaining the lock, check with the user to avoid disrupting their work.

OK Cancel

Total: 4, Selected: 1

Refresh Last refresh: Feb 1, 2012 7:26:37 AM local time (Feb 1, 2012 12:26:37 PM GMT)

Close



IBM z/OS Management Facility - Mozilla Firefox

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IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist [Help](#)

### Deployment Checklist

▼Messages 0 0 2 [Close All](#)

- IZUD154I**: Target software instance "DK5022" was added or updated. Feb 1, 2012 11:45:53 AM
- IZUD155I**: Deployment "DK5022 1.13" is complete. Feb 1, 2012 11:45:53 AM

To deploy a software instance, complete the checklist.

Checklist

Progress	Step
✓	1. <a href="#">Specify the properties for this deployment.</a>
✓	2. Select the software instance to deploy.
✓	3. Select the objective for this deployment.
✓	4. Check for missing SYSMODs. <ul style="list-style-type: none"><li><a href="#">View missing SYSMOD reports.</a></li></ul>
✓	5. Configure this deployment.
✓	6. Define the job settings. z/OSMF creates the deployment summary and jobs. <ul style="list-style-type: none"><li><a href="#">View the deployment summary.</a></li><li><a href="#">View the deployment jobs.</a></li></ul>
✓	7. <a href="#">Specify the properties for the target software instance.</a>

[Close](#)

# Tips for z/OSMF Software Deployment

- Don't use the 'back' browser button...use z/osmf's button, 'cancel' or 'close'.
- Use the help button, it's actually quite helpful!

Help - IBM z/OS Management Facility - Mozilla Firefox

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## Canceling deployments

If you *do not* want to complete the entire deployment workflow, use the **Cancel** action provided in the **Deployments** table. Doing so cancels the deployment and unlocks the associated software instances. After you cancel a deployment, you can modify the corresponding software instances or use them in other deployments. You can, however, only view or remove the canceled deployment.

### Procedure

1. In the **Deployments** table, select the deployment to be canceled. The value in the **Activity** column must be *In progress*. You can select multiple deployments.
2. From the **Actions** menu or context menu, select **Cancel**. A confirmation window is displayed.
3. Click **OK** to cancel the selected deployments. You cannot undo this action.

**Parent topic:** [Deploying software](#)

**Related reference**

- [Deploy Software page](#)
- [Deployments page for software instances](#)

---

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# Incidentals

- The batch jobs run program GIMADR to do the copies. This is apparently a 'version' of ADRDSSU. You cannot make any changes to the jcl or you get error:
- GIM70570S \*\* THIS JOB STEP WAS NOT GENERATED BY z/OSMF AND IS NOT AUTHORIZED TO RUN THE GIMADR UTILITY.
- Even if you are licensed for ADRDSSU.

# Differences between our current process and the z/OSMF function

- We don't modify the DDDEFs for the runtime target zone. We will never do SMP work there.
- In other words, our SYSR21.CSI has dddefs pointing to ZOST0D. Maybe that is misleading...
- We do a full volume copy versus z/OSMF doing a dataset by dataset copy. This approach depends on the z/os serverpac setting things up properly.
- We do miscellaneous assemblies, copies, etc. It would be nice to have a spot for customized steps in the flow somewhere. At least for IPLTEXT.

# What next?

- Maybe I should have started smaller, with a product rather than an operating system.
- So I decided to try CA1. (Hey, why not? It's just an SMPE product right?) Never mind that it's a different vendor...

# CA1 Software Deployment

- Simple. Clean. And it worked the first time!



- Welcome
- + Configuration
- + Links
- + Performance
- + Problem Determination
- Software
  - Deployment
- + z/OS Classic Interfaces

Refresh

Welcome x Deployment x

Deployment > Deploy Software > Deployment Checklist > Specify Deployment Properties [Help](#)

### Specify Deployment Properties

Enter a name and optional description for this deployment.

\* Name:

Description: (maximum 256 characters, currently 0 characters)

Categories

Actions

Name <a href="#">Filter</a>	Description <a href="#">Filter</a>	Activity <a href="#">Filter</a>	Last Modified (GMT) <a href="#">Filter</a>	Modified By <a href="#">Filter</a>	Locked (GMT) <a href="#">Filter</a>
<input type="checkbox"/> Operating System			Jan 27, 2012 4:16:47 PM	MAM	

Total: 1, Selected: 0

Refresh Last refresh: Feb 1, 2012 12:24:51 PM local time (Feb 1, 2012 5:24:51 PM GMT)

OK Cancel

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File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out

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- Links
- Performance
- Problem Determination
- Software
  - Deployment
- z/OS Classic Interfaces

Refresh

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist [Help](#)

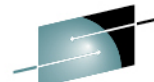
### Deployment Checklist

To deploy a software instance, complete the checklist.

Checklist

Progress	Step
✓	1. <a href="#">Specify the properties for this deployment.</a>
✓	2. <a href="#">Select the software instance to deploy.</a>
✓	3. <a href="#">Select the objective for this deployment.</a>
✓	4. <a href="#">Check for missing SYSMODs.</a> <ul style="list-style-type: none"><li>View missing SYSMOD reports.</li></ul>
⇒	5. <a href="#">Configure this deployment.</a>
	6. Define the job settings. z/OSMF creates the deployment summary and jobs. <ul style="list-style-type: none"><li>View the deployment summary.</li><li>View the deployment jobs.</li></ul>
	7. Specify the properties for the target software instance.

Close



**SHARE**  
Technology - Connections - Results

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Refresh

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Select Software Instance [Help](#)

### Select Software Instance

Software Instances

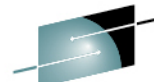
Actions

Name Filter	System Filter	Description Filter	Activity Filter	Categories Filter	Global Zone CSI Filter
<input type="radio"/> OSS098	LOCAL		Being deployed		MVSSMP.ZOSG0D.CSI
<input type="radio"/> DK553A	LOCAL				MVSSMP.ZOSG0D.CSI
<input checked="" type="radio"/> CA1 Instance	LOCAL		Being deployed		CASMP.CA1V128.SP00.CSI
<input type="radio"/> z/OS 1.13	LOCAL			Operating System	MVSSMP.ZOSG0D.CSI
<input type="radio"/> DK5022	LOCAL			Operating System	MVSSMP.DK5022.ZOSG0D.

Total: 5, Selected: 1

Refresh Last refresh: Feb 1, 2012 12:25:20 PM local time (Feb 1, 2012 5:25:20 PM GMT)

OK Cancel



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File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Configure Deployment Help

### Configure Deployment for CA1 Instance

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

**Model**

Select the software instance to use as a model for configuring the target software instance. z/OSMF uses the data sets, volumes, mount points, catalogs, and SMP/E zones that are associated with the model to prime the corresponding values for the target software instance.

Select the software instance to use as a model.

The source software instance

Another existing software instance

Software Instances

Name Filter	System Filter	Description Filter	Activity Filter	Category Filter
<input type="radio"/> OSS096	LOCAL		Being deployed	
<input type="radio"/> DK553A	LOCAL			
<input type="radio"/> z/OS 1.13	LOCAL			Operating
<input type="radio"/> DK5022	LOCAL			Operating

Total: 4, Selected: 0

< Back Next > Finish Cancel

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IBM z/OS Management Facility Welcome mam Log out

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Configure Deployment [Help](#)

### Configure Deployment for CA1 Instance

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

**SMP/E Zones**

The Zones table lists the names that will be used for the SMP/E zones included in the target software instance. Accept the default names, or modify them by double clicking the editable cells, or selecting the cell and pressing F2 or Enter.

Zones

Actions ▾

Target Target Zone <a href="#">Filter</a>	Messages <a href="#">Filter</a>	Source Target Zone <a href="#">Filter</a>
*CAIT0		CAIT0

Total: 1

< Back Next > Finish Cancel

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Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Configure Deployment [Help](#)

### Configure Deployment for CA1 Instance

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

[Refresh](#)

**Data Sets**

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

Target Data Set Name <small>Filter</small>	Target Volume <small>Filter</small>	Target Storage Class <small>Filter</small>	Messages <small>Filter</small>	Source Data <small>Filter</small>
<input type="checkbox"/> CASMP.CA1V126.SP00.CSI	SYS003			CASMP.CA
<input type="checkbox"/> CASMP.CA1V126.SP00.CTAPCLS0	SYS003			CASMP.CA
<input type="checkbox"/> CASMP.CA1V126.SP00.CTAPPEARL	SYS003			CASMP.CA
<input type="checkbox"/> CASMP.CA1V126.SP00.CTAPCECPB	SYS003			CASMP.CA
<input type="checkbox"/> CASMP.CA1V126.SP00.CTAPPEVNT	SYS003			CASMP.CA
<input type="checkbox"/> CASMP.CA1V126.SP00.CTAPPEXEC	SYS003			CASMP.CA
<input type="checkbox"/> CASMP.CA1V126.SP00.CTAPPEZTM	SYS003			CASMP.CA
<input type="checkbox"/> CASMP.CA1V126.SP00.CTAPPEZTR	SYS003			CASMP.CA
<input type="checkbox"/> CASMP.CA1V126.SP00.CTAPJCL	SYS003			CASMP.CA
<input type="checkbox"/> CASMP.CA1V126.SP00.CTAPLINK	SYS003			CASMP.CA
<input type="checkbox"/> CASMP.CA1V126.SP00.CTAPMAC	SYS003			CASMP.CA

Total: 25, Selected: 0

< Back **Next >** Finish Cancel

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Refresh

Welcome Deployment

Deployment > Deploy Software > 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: Example data set name:  
 From: CASMP.CA1V126.SP00 CASMP.CA1V126.SP00.CSI  
 To: MAM.CA1V126.SP00 MAM.CA1V126.SP00.CSI

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

Volume  Storage class [i](#)

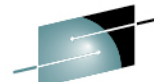
DK5022

Selected Data Sets

Target Data Set Name <a href="#">Filter</a>	Target Volume <a href="#">Filter</a>	Target Storage Class <a href="#">Filter</a>	Messages <a href="#">Filter</a>
<input checked="" type="checkbox"/> CASMP.CA1V126.SP00.CSI	SYS003		
<input checked="" type="checkbox"/> CASMP.CA1V126.SP00.CTAPCLS0	SYS003		
<input checked="" type="checkbox"/> CASMP.CA1V126.SP00.CTAPEARL	SYS003		
<input checked="" type="checkbox"/> CASMP.CA1V126.SP00.CTAPECPB	SYS003		
<input checked="" type="checkbox"/> CASMP.CA1V126.SP00.CTAPEVNT	SYS003		
<input checked="" type="checkbox"/> CASMP.CA1V126.SP00.CTAPEXEC	SYS003		
<input checked="" type="checkbox"/> CASMP.CA1V126.SP00.CTAPEZTM	SYS003		
<input checked="" type="checkbox"/> CASMP.CA1V126.SP00.CTAPEZTR	SYS003		
<input checked="" type="checkbox"/> CASMP.CA1V126.SP00.CTAPJCL	SYS003		
<input checked="" type="checkbox"/> CASMP.CA1V126.SP00.CTAPLINK	SYS003		
<input type="checkbox"/> CASMP.CA1V126.SP00.CTAPM...	SYS003		

Total: 25, Selected: 25

OK Reset Cancel



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IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Configure Deployment Help

### Configure Deployment for CA1 Instance

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

#### Data Sets

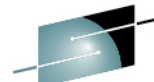
The Data Sets table lists the names, volumes, and storage classes that will be used for the data sets included in the target software instance. Accept the default names, volumes, and storage classes, or use the **Modify** action to modify them.

<input checked="" type="checkbox"/>	Target Data Set Name <a href="#">Filter</a>	Target Volume <a href="#">Filter</a>	Target Storage Class <a href="#">Filter</a>	Messages <a href="#">Filter</a>	Source Data <a href="#">Filter</a>
<input checked="" type="checkbox"/>	MAM.CA1V128.SP00.CSI	DK5022			CASMPCA
<input checked="" type="checkbox"/>	MAM.CA1V128.SP00.CTAPCLS0	DK5022			CASMPCA
<input checked="" type="checkbox"/>	MAM.CA1V128.SP00.CTAPPEARL	DK5022			CASMPCA
<input checked="" type="checkbox"/>	MAM.CA1V128.SP00.CTAPPCPB	DK5022			CASMPCA
<input checked="" type="checkbox"/>	MAM.CA1V128.SP00.CTAPPEVNT	DK5022			CASMPCA
<input checked="" type="checkbox"/>	MAM.CA1V128.SP00.CTAPPEXEC	DK5022			CASMPCA
<input checked="" type="checkbox"/>	MAM.CA1V128.SP00.CTAPPEZTM	DK5022			CASMPCA
<input checked="" type="checkbox"/>	MAM.CA1V128.SP00.CTAPPEZTR	DK5022			CASMPCA
<input checked="" type="checkbox"/>	MAM.CA1V128.SP00.CTAPJCL	DK5022			CASMPCA
<input checked="" type="checkbox"/>	MAM.CA1V128.SP00.CTAPLINK	DK5022			CASMPCA
<input checked="" type="checkbox"/>	MAM.CA1V128.SP00.CTAPMAC	DK5022			CASMPCA

Total: 25, Selected: 25

< Back Next > Finish Cancel





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Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Configure Deployment Help

### Configure Deployment for CA1 Instance

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

#### Mount Points

The Mount Points table lists the mount points that will be used for the UNIX file system data sets included in the target software instance. Accept the default mount points, or use the **Modify Target Mount Point** action to modify them.

Messages 0 0 1 Close All

**IZUD102I:** The source software instance does not contain any UNIX file system data sets. Click Finish to save the configuration and exit the wizard, or click Back to review your selections. Feb 1, 2012 12:35:12 PM

#### Mount Points

Actions

Target mount point <a href="#">Filter</a>	Target Data Set Name <a href="#">Filter</a>	Source mount point <a href="#">Filter</a>
There is no data to display.		

Total: 0, Selected: 0

< Back Next > Finish Cancel

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Welcome Deployment

Deployment > Deploy Software > Deployment Checklist [Help](#)

### Deployment Checklist

To deploy a software instance, complete the checklist.

Checklist

Progress	Step
✓	1. <a href="#">Specify the properties for this deployment.</a>
✓	2. <a href="#">Select the software instance to deploy.</a>
✓	3. <a href="#">Select the objective for this deployment.</a>
✓	4. Check for missing SYSMODs. <ul style="list-style-type: none"> <li><a href="#">View missing SYSMOD reports.</a></li> </ul>
✓	5. <a href="#">Configure this deployment.</a>
⇒	6. <a href="#">Define the job settings. z/OSMF creates the deployment summary and jobs.</a> <ul style="list-style-type: none"> <li><a href="#">View the deployment summary.</a></li> <li><a href="#">View the deployment jobs.</a></li> </ul>
	7. Specify the properties for the target software instance.

Close

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Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Define Job Settings [Help](#)

### Define Job Settings

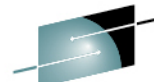
The data set name below will be used for the JCL jobs generated. Edit or accept the data set name and job card data.

\* JCL data set name:  
MAM.DM.D120201.T173555.CNTL

\* JOB statement:  
|-----1-----2-----3-----4-----5-----6-----7--  
//MAMZOSMF JOB (TE10,143),'MARY ANNE',MSGCLASS=X,CLASS=H  
//\*  
//\*  
//\*

Undo Changes Restore Defaults

OK Cancel



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Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Define Job Settings Help

### Define Job Settings

The data set name below will be used for the JCL jobs generated. Edit or accept the data set name and job card data.

\* JCL data set name:  
MAM.DM.D120201.T173555.CNTL

\* JOB statement:  
|-----1-----2-----3-----4-----5-----6-----7--  
//MAMZOSMF JOB (TE10,143), 'MARY ANNE',MSGCLASS=X,CLASS=H  
//\*  
//\*  
//\*

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

Cancel

Undo Changes Restore Defaults

OK Cancel

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Welcome Deployment

Deployment > Deploy Software > Deployment Checklist Help

### Deployment Checklist

To deploy a software instance, complete the checklist.

Checklist

Progress	Step
✓	1. Specify the properties for this deployment.
✓	2. Select the software instance to deploy.
✓	3. Select the objective for this deployment.
✓	4. Check for missing SYSMODs. <ul style="list-style-type: none"> <li>• View missing SYSMOD reports.</li> </ul>
✓	5. Configure this deployment.
✓	6. Define the job settings. z/OSMF creates the deployment summary and jobs. <ul style="list-style-type: none"> <li>• View the deployment summary.</li> <li>• View the deployment jobs.</li> </ul>
⇒	7. Specify the properties for the target software instance.

Close

# The IZUD01CP job for CA1...

```
COPY DS(INCLUDE( -  
CASMP.CA1V126.SP00.CSI -  
)) -  
RENAMEU( -  
(CASMP.CA1V126.SP00.CSI, -  
MAM.CA1V126.SP00.CSI) -
```

```
0ADR744W (001)-MRPAM(01), NO VALID MEMBERS  
WERE FOUND FOR PDS DATA SET CASMP.CA1  
V126.SP00.SMPLTS. ONLY THE DIRECTORY WILL  
BE UPDATED
```

# The IZUD02RN job

```
LISTCAT -  
    ENTRY (MAM.CA1V126.SP00.CTAPCLS0.#)  
IF LASTCC = 0 THEN DO  
    ALTER -  
        MAM.CA1V126.SP00.CTAPCLS0.# -  
        NEWNAME (MAM.CA1V126.SP00.CTAPCLS0) -  
        CATALOG (UCAT.VSYSU04)  
END
```

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Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > View Deployment Summary [Help](#)

### View Deployment Summary

Review the changes that will occur on the target system when you submit the deployment jobs.

Source software instance: CA1 Instance on system LOCAL  
 Target system: LOCAL  
 Deployment objective: Create new software instance, create new global zone

SMP/E Zones Volumes Data Sets to Delete Data Sets to Add Data Sets to Replace Catalogs Catalog Aliases

Catalog Entries To Delete Catalog Entries To Add Catalog Entries To Update

Global Zone CSI:  
 "MAM.CA1V126.SP00.CSI" on system "LOCAL"

Zones to Add

Zone Name	Data Set Name	Zone Type
CAIT0	MAM.CA1V126.SP00.CSI	TARGET

OK



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Welcome Deployment

Deployment > Deploy Software > Deployment Checklist Help

### Deployment Checklist

To deploy a software instance, complete the checklist.

Checklist

Progress	Step
✓	1. Specify the properties for this deployment.
✓	2. Select the software instance to deploy.
✓	3. Select the objective for this deployment.
✓	4. Check for missing SYSMODs. <ul style="list-style-type: none"> <li>View missing</li> </ul>
✓	5. Configure this de
✓	6. Define the job se <ul style="list-style-type: none"> <li>View the depl</li> <li>View the depl</li> </ul>
→	7. Specify the prop

Close

**Warning**

**IZUD223W**

You are about to define a new software instance or modify an existing instance. To keep your installation and z/OSMF synchronized, ensure that the deployment jobs are complete and that the software instance is deployed. Click OK to proceed. Otherwise, click Cancel.

OK Cancel

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Welcome Deployment

Deployment > Deploy Software > Deployment Checklist > Specify Target Software Instance Properties [Help](#)

### Specify Target Software Instance Properties

\* Target software instance name:  
  
 Description: (maximum 256 characters, currently 0 characters)

Categories

Actions

Name	Description	Activity	Last Modified (GMT)	Modified By	Locked (GMT)
<a href="#">Filter</a>	<a href="#">Filter</a>	<a href="#">Filter</a>	<a href="#">Filter</a>	<a href="#">Filter</a>	<a href="#">Filter</a>
<input type="checkbox"/> Operating System			Jan 27, 2012 4:16:47 PM	MAM	

Total: 1, Selected: 0

Refresh Last refresh: Feb 1, 2012 1:09:21 PM local time (Feb 1, 2012 6:09:21 PM GMT)

OK Cancel

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Welcome Deployment

Deployment > Deploy Software > Deployment Checklist [Help](#)

### Deployment Checklist

Messages 0 0 2 [Close All](#)

- IZUD154I:** Target software instance "CA1 MAM" was added or updated. Feb 1, 2012 1:09:35 PM
- IZUD155I:** Deployment "CA1" is complete. Feb 1, 2012 1:09:35 PM

To deploy a software instance, complete the checklist.

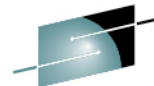
Checklist

Progress	Step
✓	1. <a href="#">Specify the properties for this deployment.</a>
✓	2. Select the software instance to deploy.
✓	3. Select the objective for this deployment.
✓	4. Check for missing SYSMODs. <ul style="list-style-type: none"> <li><a href="#">View missing SYSMOD reports.</a></li> </ul>
✓	5. Configure this deployment.
✓	6. Define the job settings. z/OSMF creates the deployment summary and jobs. <ul style="list-style-type: none"> <li><a href="#">View the deployment summary.</a></li> <li><a href="#">View the deployment jobs.</a></li> </ul>
✓	7. <a href="#">Specify the properties for the target software instance.</a>

[Close](#)

# Differences

- On the Operating System deployment:
  - Full volume copy vs dataset-by-dataset
  - No opportunity to add IPLtext, oem assemblies, or miscellaneous jobs (chown and chmod). Though of course, you can run these outside of the deployment.
- On the software product deployment:
  - All SMPE target libs copied, vs just the ones we need. (Loadlibs, ISPF libs, option lib).
  - We catalog the datasets in all our LPAR mcat's.
- Maybe the answer is simply run z/OSMF software deployment, then run our extra jobs.



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Welcome x Deployment x

Deployment > Software Instances Help

### Software Instances

<input type="checkbox"/>	Name Filter	System Filter	Description Filter	Activity Filter	Categories Filter	Global Zone CSI Filter
<input checked="" type="checkbox"/>	OSS096	LOCAL		Being deployed		MVSSMPZOSG0D.CSI
<input type="checkbox"/>	DK553A	LOCAL				MVSSMPZOSG0D.CSI
<input type="checkbox"/>	CA1 Instance	LOCAL				CASMPCA1V126.SP00.CSI
<input type="checkbox"/>	z/OS 1.13	LOCAL		Being deployed	Operating System	MVSSMPZOSG0D.CSI
<input type="checkbox"/>	DK5022	LOCAL			Operating System	MVSSMPDK5022.ZOSG0D.C
<input type="checkbox"/>	CA1 MAM	LOCAL				MAM.CA1V126.SP00.CSI

Total: 6, Selected: 1

Refresh Last refresh: Mar 5, 2012 8:53:21 AM local time (Mar 5, 2012 1:53:21 PM GMT)

Close

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Welcome Deployment


Deployment > Software Instances Help

### Software Instances

Actions

Name Filter	System Filter	Description Filter	Activity Filter	Categories Filter	Global Zone CSI Filter
<input checked="" type="checkbox"/> OSS096	LOCAL		Being deployed		MVSSMP.ZOSG0D.CSI
<input type="checkbox"/> DK553A	LOCAL				MVSSMP.ZOSG0D.CSI
<input type="checkbox"/> CA1 Instance					CASMP.CA1V128.SP00.CSI
<input type="checkbox"/> z/OS 1.13					MVSSMP.ZOSG0D.CSI
<input type="checkbox"/> DK5022					MVSSMP.DK5022.ZOSG0D.C
<input type="checkbox"/> CA1 MAM					MAM.CA1V128.SP00.CSI

**Warning**

 **IZUD201W**  
You are about to remove the selected software instances. Do you want to continue?

Selected software instances:

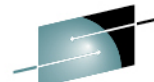
Name	System
OSS096	LOCAL

OK Cancel

Total: 6, Selected: 1

Refresh Last refresh: Mar 5, 2012 8:53:21 AM local time (Mar 5, 2012 1:53:21 PM GMT)

Close



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File Edit View History Bookmarks Tools Help

IBM z/OS Management Facility Welcome mam Log out IBM

Welcome Deployment

Deployment > Software Instances [Help](#)

### Software Instances

Messages 1 0 0 [Close All](#)

**IZUD771E:** Software instance "OSS096" cannot be removed because it is being deployed or replaced in a deployment that is in progress. Mar 5, 2012 8:54:20 AM

Actions

Name	System	Description	Activity	Categories	Global Zone CSI
<input checked="" type="checkbox"/> OSS096	LOCAL		Being deployed		MVSSMP.ZOSG0D.CSI
<input type="checkbox"/> DK553A	LOCAL				MVSSMP.ZOSG0D.CSI
<input type="checkbox"/> CA1 Instance	LOCAL				CASMP.CA1V128.SP00.CSI
<input type="checkbox"/> z/OS 1.13	LOCAL		Being deployed	Operating System	MVSSMP.ZOSG0D.CSI
<input type="checkbox"/> DK5022	LOCAL			Operating System	MVSSMP.DK5022.ZOSG0D.CSI
<input type="checkbox"/> CA1 MAM	LOCAL				MAM.CA1V128.SP00.CSI

Total: 6, Selected: 1

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Welcome Deployment

Deployment > Software Instances > Deployments Help

### Deployments

Messages 1 0 0 Close All

**IZUD776E:** Deployment "OSS096 volume" was not canceled because it is being modified by user "BZBDYTY" . Mar 5, 2012 8:55:05 AM

Deployments:

Name	Description	Source System	Target
<input checked="" type="checkbox"/> OSS096 volume		Equals "LOCAL"	LOCAL

**Confirm Cancel**

**IZUD207W**

You are about to cancel the selected deployments. Doing so releases the lock for the associated software instances. Consequently, you can only view or remove the deployments. You cannot undo this action. Do you want to continue?

Selected deployments:

OSS096 volume

OK Cancel

Total: 5, Filtered: 1, Selected: 1

Refresh Last refresh: Mar 5, 2012 8:54:47 AM local time (Mar 5, 2012 1:54:47 PM GMT)

Close



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- Software
  - Deployment
- z/OS Classic Interfaces

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Welcome Deployment

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### Deployments

Messages 1 0 0 [Close All](#)

**IZUD776E:** Deployment "OSS096 volume" was not canceled because it is being modified by user "BZBDYTY" . Mar 5, 2012 8:55:05 AM

Deployments:

Name	Description	Activity	Categories	Source Software Instance	Source System	Target System
<a href="#">Filter</a>	<a href="#">Filter</a>	<a href="#">Filter</a>	<a href="#">Filter</a>	Equals "OSS096"	Equals "LOCAL"	<a href="#">Filter</a>
<input checked="" type="checkbox"/> OSS096 volume		Being modified		OSS096	LOCAL	

Total: 5, Filtered: 1, Selected: 1

[Refresh](#) Last refresh: Mar 5, 2012 8:54:47 AM local time (Mar 5, 2012 1:54:47 PM GMT)

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Welcome Deployment

Deployment > Software Instances > Deployments Help

### Deployments

Messages 2 0 0 Close All

- IZUD776E: Deployment "OSS096 volume" was not canceled because it is being modified by user "BZBDYTY" . Mar 5, 2012 8:55:05 AM
- IZUD776E: Deployment "OSS096 volume" was not canceled because it is being modified by user "BZBDYTY" . Mar 5, 2012 8:55:31 AM

Deployments:

Name Filter	Description Filter	Activity Filter	Categories Filter	Source Software Instance Equals "OSS096"	Source System Equals "LOCAL"	Target Filter
<input checked="" type="checkbox"/>	OSS096 volume	Being modified		OSS096	LOCAL	

**Information**

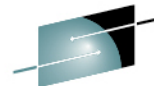
**IZUG1004I**  
Resource "OSS096 volume" is currently being modified by user "BZBDYTY" . It was locked Jan 17, 2012 2:14:48 PM (GMT).

Close

Total: 5, Filtered: 1, Selected: 1

Refresh Last refresh: Mar 5, 2012 8:54:47 AM local time (Mar 5, 2012 1:54:47 PM GMT)

Close



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Welcome Deployment

Deployment > Software Instances > Deployments Help

### Deployments

Messages 2 0 0 Close All

Deployments:

Name Filter	Description Filter	Activity Filter	Categories Filter	Source Software Instance Equals "OSS096"	Source System Equals "LOCAL"	Target Filter
<input checked="" type="checkbox"/>	OSS096 volume				LOCAL	

**Warning**

**IZUG1005W**  
Resource "OSS096 volume" is currently being modified by user "BZBDYTY". It was locked Jan 17, 2012 2:14:48 PM (GMT). You can perform one of the actions listed below.

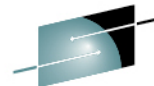
- Open the resource in view mode
- Obtain the lock for the resource and open the resource in modify mode. Before obtaining the lock, check with the user to avoid disrupting their work.

OK Cancel

Total: 5, Filtered: 1, Selected: 1

Refresh Last refresh: Mar 5, 2012 8:54:47 AM local time (Mar 5, 2012 1:54:47 PM GMT)

Close



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Welcome Deployment

Deployment > Software Instances > Deployments [Help](#)

### Deployments

Messages 2 0 1 [Close All](#)

Deployments:

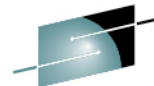
Actions

Name Filter	Description Filter	Activity Filter	Categories Filter	Source Software Instance Equals "OSS096"	Source System Equals "LOCAL"	Tar Filter
<input checked="" type="checkbox"/> OSS096 volume		Canceled		OSS096	LOCAL	

Total: 5, Filtered: 1, Selected: 1

[Refresh](#) Last refresh: Mar 5, 2012 8:57:03 AM local time (Mar 5, 2012 1:57:03 PM GMT)

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Welcome Deployment

Deployment > Software Instances > Deployments Help

### Deployments

Messages 2 0 1 Close All

Deployments:

Name Filter	Activity Filter	Categories Filter	Source Software Instance Equals "OSS096"	Source System Equals "LOCAL"	Target System
<input checked="" type="checkbox"/> OSS096 v...	Canceled		OSS096	LOCAL	

Total: 5, Filtered: 1, Selected: 1

Refresh Last refresh: Mar 5, 2012 8:57:03 AM local time (Mar 5, 2012 1:57:03 PM GMT)

Close

- Modify...
- View...
- Cancel...
- Remove...
- New...
- Select All
- Deselect All
- Configure Columns...
- Hide Filter Row
- Clear Filters
- Modify Sort...
- Clear Sorts

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Welcome Deployment

Deployment > Software Instances > Deployments Help


Deployments

Messages 2 0 1 Close All

Deployments:

Name Filter	Description Filter	Activity Filter	Categories Filter	Source Software Instance Equals "OSS096"	Source System Equals "LOCAL"	Target System Filter
<input checked="" type="checkbox"/> OSS096 volume					LOCAL	

**Warning**

 **IZUD203W**  
You are about to remove the selected deployments. Do you want to continue?

Selected deployments:

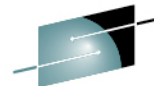
OSS096 volume

OK Cancel

Total: 5, Filtered: 1, Selected: 1

Refresh Last refresh: Mar 5, 2012 8:57:03 AM local time (Mar 5, 2012 1:57:03 PM GMT)

Close



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Welcome Deployment

Deployment Software Instances Help

### Software Instances

Messages 0 0 1 Close All

IZUD171I: Software instance "OSS096" was removed. Mar 5, 2012 8:58:07 AM

Name Filter	System Filter	Description Filter	Activity Filter	Categories Filter	Global Zone CSI Filter
<input type="checkbox"/> DK553A	LOCAL				MVSSMP.ZOSG0D.CSI
<input type="checkbox"/> CA1 Instance	LOCAL				CASMP.CA1V126.SP00.CS
<input type="checkbox"/> z/OS 1.13	LOCAL		Being deployed	Operating System	MVSSMP.ZOSG0D.CSI
<input type="checkbox"/> DK5022	LOCAL			Operating System	MVSSMPDK5022.ZOSG0D
<input type="checkbox"/> CA1 MAM	LOCAL				MAM.CA1V126.SP00.CSI

Total: 5, Selected: 0

Refresh Last refresh: Mar 5, 2012 8:58:08 AM local time (Mar 5, 2012 1:58:08 PM GMT)

# Cancelling/Removing

- Must be unlocked, or obtain lock (obtain it by attempting to modify)
- Cancel
- Remove
- I think the IZUG1004I msg should give you the option to grab the lock, like IZUG1005W does.



# Summary

- A very nice deployment application
- Great if yours is nonexistent or not perfected
- Ours is clean, simple, and straightforward
- For us, it's measuring 50 screens versus 2 batch jobs
  - That may lessen on the next deploy
- So we probably won't use this function, for now. But it could be beneficial for us in the future, say if we switch from Mod 9's.

## More Info

- Hopefully, you can make it to the Lab...
  - **11574: z/OSMF Software Deployment Hands-on Lab**  
**Friday, August 10, 2012: 11:00 AM-12:00 PM**
- **11737: z/OSMF Roundtable Thursday, August 9, 2012:**  
**12:15 PM-1:15 PM**
- **The z/OSMF website:**
  - <http://www-03.ibm.com/systems/z/os/zos/zosmf/>
- **z/OS Hot Topics newsletter:**  
<http://publibfp.dhe.ibm.com/epubs/pdf/eoz2n1d0.pdf>

# Questions?

