

z/OSMF User Experience

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SAS

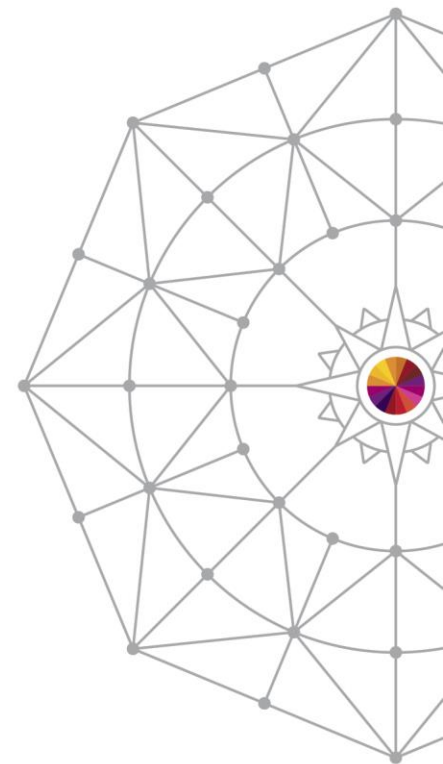
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Agenda

- Creating New Software Instance
- Maintenance Reports
 - Missing Critical Service
 - SYSMOD search
 - End of Service
- Workflows
 - Creating Workflows
 - Common errors
- SDSF

Create new Software Instance

- New Software Instances can be created for z/OS products like CICS and DB2
- Allows for customized global and target zones
- Can be kept separate from the rest of the system
- Still allows for maintenance reports to be run on these products
- Software Instances allow for Deployments

Creating Software Instance

IBM z/OS Management Facility Welcome reroob

- Welcome
- Configuration
- Links
- Performance
- Problem Determination
- Software
 - Software Management
 - z/OS Classic Interfaces
 - z/OSMF Administration
 - z/OSMF Settings

[Refresh](#)

Welcome x Software Man... x

Software Management > Software Instances

Software Instances

Name	Description	Activity	Global Zone CSI	Target Zones
Filter	Filter		Filter	
<input type="checkbox"/> z/OSv...	z/OSMF software deployment testing	Being deployed	SYSSMP.GZ1D.CSI	TZ1DSX
<input type="checkbox"/> z/OSv...	R13 ZRD le/c/c++ reference system for sas 9.4 product build		ZRD.ZOS1DA.SYSSMP.GZRD1D.C	TZRD1DB
<input type="checkbox"/> z/OSv...	z/OS v1r13 le/c/c++ 'reference' environment for SAS 9.4 product builds	Being modified	ZRD.ZOS1DA.SYSSMP.GZRD1DA	TZRD1DA
<input type="checkbox"/> z/OSv...		Being deployed	SYSSMP.GZ1D.CSI	TZ1DSP
<input type="checkbox"/> z/OSv...	z/OSv1r13 Rescue Volume	Being deployed	SYSSMP.GZ1D.CSI	TZ1DRS
<input type="checkbox"/> z/OSv...	z/OS v1r13 rescue volume	Being deployed	SYSSMP.GZ1D.CSI	TZ1DSP
<input type="checkbox"/> DB2Ve...	DB2 Version 10		SSD.DB2.V10.SMPE.CSI	DB2TGT

Welcome x

Software Man... x

[Software Management](#) ▶ [Software Instances](#) ▶ [Add Software Instance](#)

Add Software Instance

>Welcome

Name and
Description

Global Zone

Target Zones

Categories

Non-SMP/E

Managed Data Sets

Summary

Welcome

Use this wizard to define a new software instance. A software instance is the SMP/E target and is defined by those zones.

This wizard guides you through the following steps:

1. Specify the name and description of the software instance.
2. Identify the global zone associated with the product set.
3. Select the target zones that describe the target libraries associated with the product set.
4. Assign the software instance to one or more categories.
5. Identify any non-SMP/E managed data sets associated with the product set.
6. Review the summary and submit your request.

Welcome x

Software Man... x

[Software Management](#) ▶ [Software Instances](#) ▶ [Add Software Instance](#)

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:

CICS

Description: (maximum 256 characters, currently 23 characters)

CICS software instance

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

Actions	System	Description	Activity	Last Modified (Local)	Modified By
Filter		Filter	Filter	Filter	Filter
Remove...	LOCAL			Nov 29, 2012 2:35:46 PM	REROBB
Add...	9ZRD1D.CSI			May 23, 2013 2:52:06 PM	REROBB
Configure Columns...	9ZRD1DA.CSI			May 31, 2013 11:15:59 AM	REROBB
Modify Filters...	LOCAL	DB2 v10 global zone		Jul 31, 2013 3:51:17 PM	REROBB

Welcome x Software Man... x

Software Management > Software Instances > Add Software Instance

Add Global Zone

* System:
 LOCAL

* Global Zone CSI Data Set:
 SSD.CICSTS51.CSI

Description: (maximum 256 characters, currently 0 characters)

- ✓ 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

Actions ▼

CSI Data Set	System	Description
Filter	Filter	Filter
<input type="radio"/> SYSSMP.GZ1D.CSI	LOCAL	
<input type="radio"/> ZRD.ZOS1DA.SYSSMP.GZRD1D.CSI	LOCAL	
<input type="radio"/> ZRD.ZOS1DA.SYSSMP.GZRD1DA.CSI	LOCAL	
<input type="radio"/> SSD.DB2.V10.SMPE.CSI	LOCAL	DB2 v10 global zone
<input checked="" type="radio"/> SSD.CICSTS51.CSI	LOCAL	CICS global zone

Target zone

Welcome X Software Man... X

Software Management > Software Instances > Add Software Instance

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.

Target Zones

	Name Filter	Description Filter		Messages Filter	Related DLIB Zone Filter	CSI Data Set Filter	SRELs Filter
<input type="checkbox"/>	TCIC42		▲		DCIC42	SSD.CICSTS42.CSI	C150

Welcome x Software Man... x

Software Management > Software Instances > Add Software Instance

Add Software Instance

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

Categories

A category is a string or label used to organize software instances by function, or geographic location. Select one or more categories to apply to the software instance.

Categories	Actions
<input checked="" type="checkbox"/> Filter	<ul style="list-style-type: none"> Modify View Copy... Remove... New... Select All Deselect All Configure Columns... Modify Filters... Hide Filter Row Clear Filters Modify Sort... Clear Sorts
<input type="checkbox"/> z/OS	
<input type="checkbox"/> DB2	

Welcome x Software Man... x

Software Management > Software Instances > Add Software Instance > Modify Category

Modify CICS

* Name:

Description: (maximum 256 characters, currently 14 characters)

CICS Category

Action Summary

Action	Date and Time (Local)	User
Modified	Aug 2, 2013 1:38:05 PM	REROBB
Created	Aug 2, 2013 1:38:05 PM	REROBB
Locked	Aug 2, 2013 1:38:10 PM	REROBB

OK Reset Cancel

Welcome rerobb

Welcome x Software Man... x

[Software Management](#) › [Software Instances](#) › [Add Software Instance](#)

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

z/OSMF automatically includes a data set in the software instance if it is updated by SMP/E and is associated with the software in the software instance, such as a procedure library, configuration file, or vendor product, use the Add Data Set button to add a data set to the software instance.

Data Sets

Data Sets	
<input checked="" type="checkbox"/>	Actions ▾
Name ▲2	Volume ▲1
Filter	Filter
There is no data to display.	

There is no data to display.

New software Instance added

- Welcome
- Notifications
- Workflows
- + Configuration
- + Jobs and Resources
- + Links
- + Performance
- + Problem Determination
- Software
 - Software Management
- + z/OS Classic Interfaces
- + z/OSMF Administration
- + z/OSMF Settings

Refresh

Welcome x Software Man... x

Software Management ▶ Software Instances

Software Instances

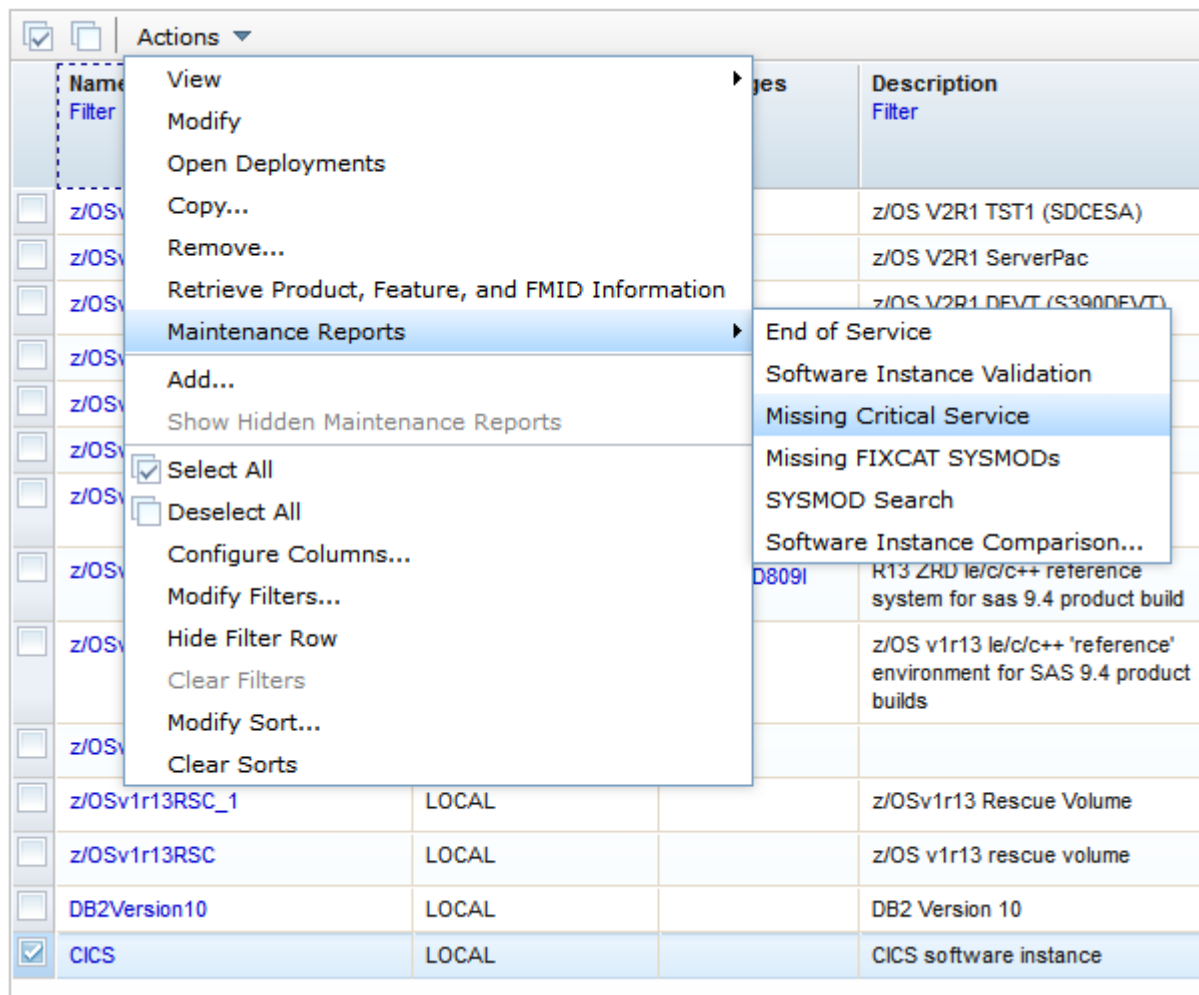
Actions ▼

Name Filter	System Filter	Messages Filter	Description Filter
<input type="checkbox"/> z/OSv2r1TST1	LOCAL		z/OS V2R1 TST1 (SDCESA)
<input type="checkbox"/> z/OSv2r1SRVP	LOCAL		z/OS V2R1 ServerPac
<input type="checkbox"/> z/OSv2r1DEVT	LOCAL		z/OS V2R1 DEVT (S390DEVT)
<input type="checkbox"/> z/OSv2r1DEVD	LOCAL		z/OS V2R1 DEVD (S390DEVD)
<input type="checkbox"/> z/OSv2r1DEVB	LOCAL		z/OS V2R1 DEVB (S390DEVB)
<input type="checkbox"/> z/OSv2r1DEVA	LOCAL		z/OS V2R1 DEVA (S390DEVA)
<input type="checkbox"/> z/OSv1r13SRVX	LOCAL		z/OSMF software deployment testing
<input type="checkbox"/> z/OSv1r13SRVP_ZRD_OLD	LOCAL	i IZUD809I	R13 ZRD le/c/c++ reference system for sas 9.4 product build
<input type="checkbox"/> z/OSv1r13SRVP_ZRD	LOCAL		z/OS v1r13 le/c/c++ 'reference' environment for SAS 9.4 product builds
<input type="checkbox"/> z/OSv1r13SRVP	LOCAL		
<input type="checkbox"/> z/OSv1r13RSC_1	LOCAL		z/OSv1r13 Rescue Volume
<input type="checkbox"/> z/OSv1r13RSC	LOCAL		z/OS v1r13 rescue volume
<input type="checkbox"/> DB2Version10	LOCAL		DB2 Version 10
<input type="checkbox"/> CICS	LOCAL		CICS software instance

Maintenance Reports

- Maintenance Reports allow you to get important information on your Software Instances
- Results from reports can be exported to a spreadsheet for convenience
- Including
 - Missing Critical service
 - Missing FIXCATs SYSMODs
 - SYSMOD Search

Maintenance Reports



The screenshot shows a software interface with a table of maintenance reports. A context menu is open over the 'Maintenance Reports' option in the table. The table has columns for Name, Description, and other details. The context menu includes options like View, Modify, Open Deployments, Copy..., Remove..., Retrieve Product, Feature, and FMID Information, Maintenance Reports (highlighted), Add..., Show Hidden Maintenance Reports, Select All, Deselect All, Configure Columns..., Modify Filters..., Hide Filter Row, Clear Filters, Modify Sort..., and Clear Sorts. The 'Maintenance Reports' sub-menu is also open, showing options like End of Service, Software Instance Validation, Missing Critical Service (highlighted), Missing FIXCAT SYSMODs, SYSMOD Search, and Software Instance Comparison...

Name	Description
Filter	Filter
z/OS V2R1 TST1 (SDCESA)	z/OS V2R1 TST1 (SDCESA)
z/OS V2R1 ServerPac	z/OS V2R1 ServerPac
z/OS V2R1 DEV/T (S390DEV/T)	z/OS V2R1 DEV/T (S390DEV/T)
D809I	R13 ZRD le/c/c++ reference system for sas 9.4 product build
	z/OS v1r13 le/c/c++ 'reference' environment for SAS 9.4 product builds
z/OSv1r13RSC_1	LOCAL z/OSv1r13 Rescue Volume
z/OSv1r13RSC	LOCAL z/OS v1r13 rescue volume
DB2Version10	LOCAL DB2 Version 10
CICS	LOCAL CICS software instance

Missing FIXCAT SYSMODS vs Missing Critical Service

- Missing FIXCAT SYSMODS report identifies missing APARs for fix categories that might be applicable to the software instance, and it identifies the SYSMODs that can resolve the missing APARs
- Missing Critical service report helps you determine if your software instances contain any unresolved PE PTFs, HIPERs or other exception SYSMODs identified by ERROR HOLDDATA and helps you identify the SYSMODs that will resolve those exceptions

Difference in two reports

1	Missing Fixcat						
2	Software System	HOLDDATA Received (GMT)	Target	Resolving	Resolving	FMID	Description
3	CICS	LOCAL	2014-07-02 10:30:49 AM				
4	CICS -> IBM.ProductInstall-RequiredService						
5	CICS -> IBM.ProductInstall-RequiredService -> HCI6800						
6	CICS -> IBM.ProductInstall-RequiredService -> HCI6800 -> AI08308	TCIC51		UI15115			CICS - Base
7	CICS -> IBM.ProductInstall-RequiredService -> HCI6800 -> AI09428	TCIC51		UI15118			
8	CICS -> IBM.ProductInstall-RequiredService -> HCI6800 -> AI10485	TCIC51		UI15119			
9	CICS -> IBM.ProductInstall-RequiredService -> HCI6800 -> AI12532	TCIC51		UI15978			
10	CICS -> IBM.ProductInstall-RequiredService -> HCI6800 -> AI13293	TCIC51		UI18585			
11	CICS -> IBM.ProductInstall-RequiredService -> HCI6800 -> AI13391	TCIC51		UI17602			
12	CICS -> IBM.ProductInstall-RequiredService -> HCI6800 -> AI13529	TCIC51		UI17604			
13	CICS -> IBM.ProductInstall-RequiredService -> HCI6800 -> AI17632	TCIC51		UI18550			
14	CICS -> IBM.ProductInstall-RequiredService -> HCI6800 -> AM85798	TCIC51		UK96353			
15	CICS -> IBM.ProductInstall-RequiredService -> HCI6800 -> AM88560	TCIC51	UI16733	UK94552			
16	CICS -> IBM.ProductInstall-RequiredService -> HCI6800 -> AM89168	TCIC51	UK95631				
17	CICS -> IBM.ProductInstall-RequiredService -> HCI6800 -> AM89639	TCIC51	UK95772				
18	CICS -> IBM.ProductInstall-RequiredService -> HCI6800 -> AM96275	TCIC51	UK97725				
19	CICS -> IBM.ProductInstall-RequiredService -> HCI6800 -> AM96728	TCIC51	UI12272				
20	CICS -> IBM.ProductInstall-RequiredService -> HCI6800 -> AM98076	TCIC51	UI12013				
21	CICS -> IBM.ProductInstall-RequiredService -> HCI6800 -> AM98235	TCIC51	UI12853				
22	CICS -> IBM.ProductInstall-RequiredService -> HCI6800 -> AM99219	TCIC51	UI12019				
23	CICS -> IBM.ProductInstall-RequiredService -> JCI680M						
24	CICS -> IBM.ProductInstall-RequiredService -> JCI680M -> AI04755	TCIC51		UI12627			CICS - System Manager
25	CICS -> IBM.ProductInstall-RequiredService -> JCI680M -> AI07227	TCIC51		UI14396			
26	CICS -> IBM.ProductInstall-RequiredService -> JCI680M -> AI09873	TCIC51		UI14836			
27	CICS -> IBM.ProductInstall-RequiredService -> JCI680M -> AI10161	TCIC51		UI14661			
28	CICS -> IBM.ProductInstall-RequiredService -> JCI680M -> AI12767	TCIC51		UI15869			
29	CICS -> IBM.ProductInstall-RequiredService -> JCI680M -> AI13846	TCIC51		UI16841			
30	CICS -> IBM.ProductInstall-RequiredService -> JCI680M -> AI13874	TCIC51		UI16528			
31	CICS -> IBM.ProductInstall-RequiredService -> JCI680M -> AI14104	TCIC51		UI16420			
32	CICS -> IBM.ProductInstall-RequiredService -> JCI680M -> AI15590	TCIC51		UI17531			
33	CICS -> IBM.ProductInstall-RequiredService -> JCI680M -> AM85764	TCIC51	UK95938				
34	CICS -> IBM.ProductInstall-RequiredService -> JCI680M -> AM86196	TCIC51	UK95862				
35	CICS -> IBM.ProductInstall-RequiredService -> JCI680M -> AM90164	TCIC51	UK94994				
36	CICS -> IBM.ProductInstall-RequiredService -> JCI680M -> AM92452	TCIC51	UK96152				
37	CICS -> IBM.ProductInstall-RequiredService -> JCI680M -> AM92600	TCIC51	UI12193				
38	CICS -> IBM.ProductInstall-RequiredService -> JCI680M -> AM94476	TCIC51	UK97405				
39	CICS -> IBM.ProductInstall-RequiredService -> JCI680M -> AM97125	TCIC51	UI14243				

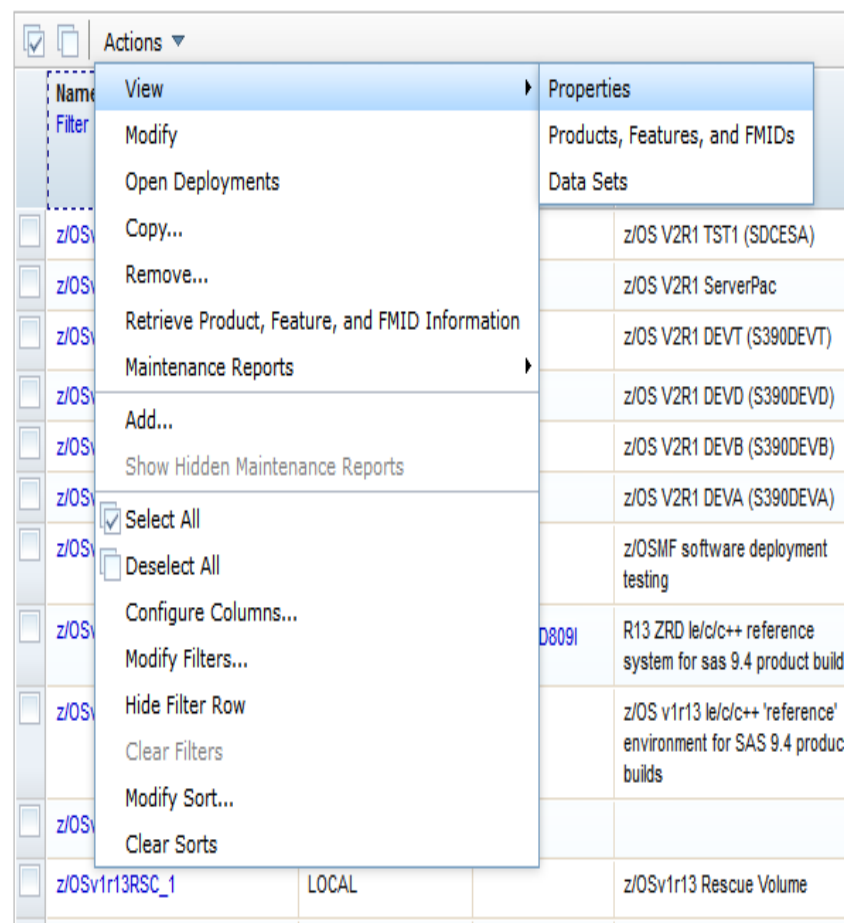
1	Missing critical service								
2	Software System	HOLDDATA Receive	Target	Zor	Resolving	Resolving	Hold Class	Hold Sym	FMID Description
3	CICS	LOCAL	2014-07-02 10:30:49 AM						
4	CICS -> HCI6800								
5	CICS -> HCI6800 -> HCI6800								
6	CICS -> HCI6800 -> HCI6800 -> AI08308	TCIC51			UI15115	HIPER	IPL		
7	CICS -> HCI6800 -> HCI6800 -> AI09428	TCIC51			UI15118	HIPER	FUL		
8	CICS -> HCI6800 -> HCI6800 -> AI10485	TCIC51			UI15119	HIPER	IPL		
9	CICS -> HCI6800 -> HCI6800 -> AI12532	TCIC51			UI15978	HIPER	IPL		
10	CICS -> HCI6800 -> HCI6800 -> AI13165	TCIC51				HIPER	IPL		
11	CICS -> HCI6800 -> HCI6800 -> AI13293	TCIC51			UI18585	HIPER	IPL		
12	CICS -> HCI6800 -> HCI6800 -> AI13391	TCIC51			UI17602	HIPER	IPL		
13	CICS -> HCI6800 -> HCI6800 -> AI13529	TCIC51			UI17604	HIPER	FUL		
14	CICS -> HCI6800 -> HCI6800 -> AI15695	TCIC51				HIPER	IPL		
15	CICS -> HCI6800 -> HCI6800 -> AI16019	TCIC51				HIPER	IPL PRV		
16	CICS -> HCI6800 -> HCI6800 -> AI17632	TCIC51			UI18550	HIPER	FUL		
17	CICS -> HCI6800 -> HCI6800 -> AM85798	TCIC51			UK96353	HIPER	IPL		
18	CICS -> HCI6800 -> HCI6800 -> AM88560	TCIC51	UI16733	UK94552		HIPER	FUL		
19	CICS -> HCI6800 -> HCI6800 -> AM89168	TCIC51	UK95631			HIPER	IPL		
20	CICS -> HCI6800 -> HCI6800 -> AM89639	TCIC51	UK95772			HIPER	PRF		
21	CICS -> HCI6800 -> HCI6800 -> AM96275	TCIC51		UK97725		HIPER	FUL		
22	CICS -> HCI6800 -> HCI6800 -> AM96728	TCIC51		UI12272		HIPER	IPL		
23	CICS -> HCI6800 -> HCI6800 -> AM98076	TCIC51		UI12013		HIPER	FUL PRV		
24	CICS -> HCI6800 -> HCI6800 -> AM98235	TCIC51		UI12853		HIPER	FUL PRV		
25	CICS -> HCI6800 -> HCI6800 -> AM99219	TCIC51		UI12019		HIPER	IPL		
26	CICS -> HCI6800 -> UI13353								
27	CICS -> HCI6800 -> UI13353 -> AI16019	TCIC51					PE		
28	CICS -> JCI680L								
29	CICS -> JCI680L -> UI15818								
30	CICS -> JCI680L -> UI15818 -> AI19943	TCIC51					PE		
31	CICS -> JCI680M								
32	CICS -> JCI680M -> JCI680M								
33	CICS -> JCI680M -> JCI680M -> AI07227	TCIC51			UI14396	HIPER	FUL		
34	CICS -> JCI680M -> JCI680M -> AI09873	TCIC51			UI14836	HIPER	FUL		
35	CICS -> JCI680M -> JCI680M -> AI10161	TCIC51			UI14661	HIPER	FUL		
36	CICS -> JCI680M -> JCI680M -> AI12767	TCIC51			UI15869	HIPER	FUL		
37	CICS -> JCI680M -> JCI680M -> AI13846	TCIC51			UI16841	HIPER	FUL		
38	CICS -> JCI680M -> JCI680M -> AI13874	TCIC51			UI16528	HIPER	FUL		
39	CICS -> JCI680M -> JCI680M -> AI14104	TCIC51			UI16420	HIPER	IPL FUL		
40	CICS -> JCI680M -> JCI680M -> AI15590	TCIC51			UI17531	HIPER	FUL		
41	CICS -> JCI680M -> JCI680M -> AM85764	TCIC51	UK95938			HIPER	IPL		
42	CICS -> JCI680M -> JCI680M -> AM86196	TCIC51	UK95862			HIPER	FUL		
43	CICS -> JCI680M -> JCI680M -> AM90164	TCIC51	UK94994			HIPER	DAL IPL FUL		
44	CICS -> JCI680M -> JCI680M -> AM92452	TCIC51	UK96152			HIPER	IPL FUL		
45	CICS -> JCI680M -> JCI680M -> AM92600	TCIC51			UI12193	HIPER	IPL FUL		

Missing FIXCAT SYSMODs Report

Missing Critical Service Report

Creating Missing Critical Service report

- Under Software select Software Management followed by Software Instances
- Select the Instance you would like to use from actions go to view then Products, Features, and FMIDs
- Select the Instance and from actions under maintenance reports select Missing Critical Service



Creating Missing Critical Service report

- Alternatively from Software Instances page select the instance and from actions menu selecting maintenance reports then select Missing Critical Service

Missing Critical service

Maintenance Reports

Missing Critical Service ×

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

Software Instance / FMID / Held SYSMOD / Missing APAR Filter	System Filter	HOLDDATA Received (GMT) Filter	Target Zones Filter	Resolving SYSMODs Received in Global Zone Filter	Resolving SYSMODs Not in Global Zone Filter	Hold Class Filter	Hold Symptom Filter
[-] CICS	LOCAL	August 5, 2013 14:06:51					
[-] HC16800							
[-] HC16800							
■ AM85798			TCIC51			HIPER	IPL
■ AM88560			TCIC51		UK94552	HIPER	FUL
■ AM89168			TCIC51		UK95631	HIPER	IPL
■ AM89639			TCIC51		UK95766	HIPER	PRF
[-] JC1680M							
[-] JC1680M							
■ AM85764			TCIC51		UK95938	HIPER	IPL
■ AM86196			TCIC51		UK95862	HIPER	FUL
■ AM90164			TCIC51		UK94994	HIPER	DAL,IPL,FUL
■ AM92452			TCIC51		UK96152	HIPER	IPL,FUL

System: Local

Resolving SYSMODs Not in Global Zone

Hold Class :HIPER

Target Zone: TCIC51

Hold Symptom: IPL, FUL, PRF, DAL

HOLDDATA Received

None of Resolving SYSMODs Received in Global Zone

Columns in the Missing Critical Service table

- Software Instance- Identifier for the software instance
- System- z/OSMF host system
- HOLDDATA Received- Last date and time the HOLDDATA was received
- Target Zones- Name of the target zones
- Resolving SYSMODs Received in Global Zone
- Resolving SYSMODs Not in Global Zone
- Hold Class- Hold class specified on the CLASS operand of the ++HOLD statement ex HIPER, PE
- FMID Description- Description of the FMID

Columns in the Missing Critical Service table

- Hold Symptom- Description of the problem associated with the held SYSMOD
 - DAL- Data Loss
 - FUL- Function Loss
 - IPL- Requires IPL
 - PRF- Performance Problem
 - PRV- Pervasive Problem

Resolving SYSMODs Status in Global Zone

Actions ▼ Table view: Tree									
Software Instance / FMID / Held SYSMOD / Missing APAR Filter	System Filter	HOLDDATA Received (GMT) Filter	Target Zones Filter	Resolving SYSMODs Received in Global Zone Filter	Resolving SYSMODs Not in Global Zone Filter	Hold Class Filter	Hold Symptom Filter	FMID Description Filter	
[-] CICS	LOCAL	August 5, 2013 14:06:51							
[-] HCl6800									CICS - Base
[-] HCl6800									
■ AM85798			TCIC51			HIPER	IPL		
■ AM88560			TCIC51	UH16733	UK94552	HIPER	FUL		
■ AM89168			TCIC51	UK95631		HIPER	IPL		
■ AM89639			TCIC51	UK95766		HIPER	PRF		
[-] JCl680M									CICS - System Manager
[-] JCl680M									
■ AM85764			TCIC51	UK95938		HIPER	IPL		
■ AM86196			TCIC51	UK95862		HIPER	FUL		
■ AM90164			TCIC51	UK94994		HIPER	DAL,IPL,FUL		
■ AM92452			TCIC51	UK96152		HIPER	IPL,FUL		

Export Table Data

Missing Critical Service ×

Review the list of critical service and determine which service are critica


Actions ▾ Table view: Tree

Softv APAR Filter	View	OD / Missing	System Filter
	Maintenance Reports		
	Expand		
	Collapse		LOCAL

- Select All
- Deselect All
- Configure Columns...
- Modify Filters...
- Hide Filter Row
- Clear Filters
- Modify Sort...
- Clear Sorts
- Export Table Data
 - Current View
 - All Data
- Print Table Data
- Expand All
- Collapse All
- Switch to Non-Tree View

Opening Table_Data_5387858886553240855.csv ×

You have chosen to open:

 **Table_Data_5387858886553240855.csv**
 which is: Microsoft Excel Comma Separated Values File (2.9 KB)
 from: <https://s390devt.mvs.sas.com:32208>

What should Firefox do with this file?

Open with Microsoft Excel (default) ▾

Save File Microsoft Excel (default)

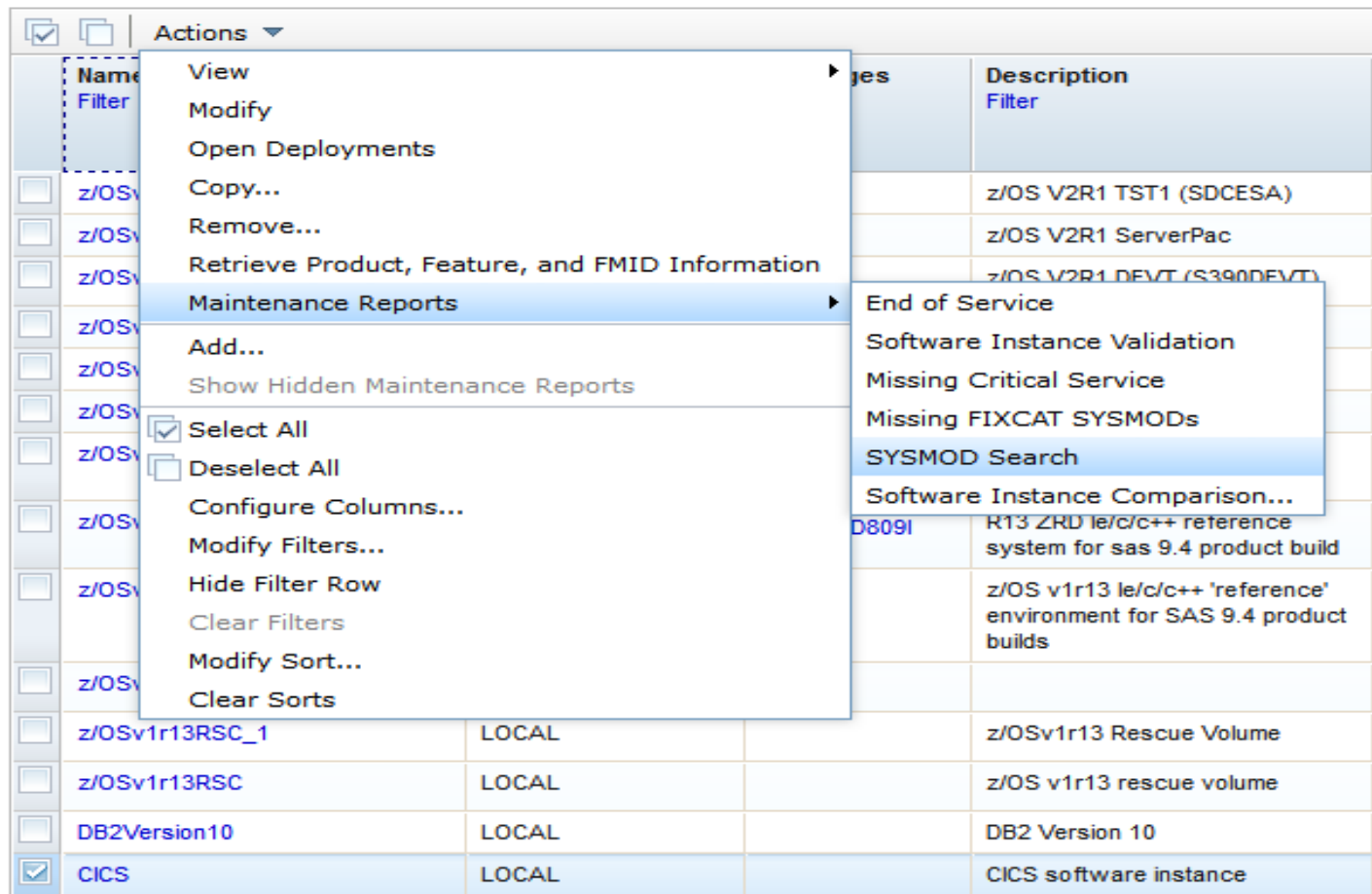
Do this automatically for files like this from now on. Other...

OK Cancel

1	Software Instance / FMID / Held SYSMOD / Missing APAR	System	HOLDDATA Received (GMT)	Target Zones	Resolving SYSMODs Received in Global Zone	Resolving SYSMODs Not in Global Zone	Hold Class	Hold Symptom	FMID Description
2	CICS	LOCAL	2014-07-02 10:30:49 AM						
3	CICS -> HCI6800								CICS - Base
4	CICS -> HCI6800 -> HCI6800								
5	CICS -> HCI6800 -> HCI6800 -> AI08308			TCIC51		U115115	HIPER	IPL	
6	CICS -> HCI6800 -> HCI6800 -> AI09428			TCIC51		U115118	HIPER	FUL	
7	CICS -> HCI6800 -> HCI6800 -> AI10485			TCIC51		U115119	HIPER	IPL	
8	CICS -> HCI6800 -> HCI6800 -> AI12532			TCIC51		U115978	HIPER	IPL	
9	CICS -> HCI6800 -> HCI6800 -> AI13165			TCIC51			HIPER	IPL	
10	CICS -> HCI6800 -> HCI6800 -> AI13293			TCIC51		U118585	HIPER	IPL	
11	CICS -> HCI6800 -> HCI6800 -> AI13391			TCIC51		U117602	HIPER	IPL	
12	CICS -> HCI6800 -> HCI6800 -> AI13529			TCIC51		U117604	HIPER	FUL	
13	CICS -> HCI6800 -> HCI6800 -> AI15695			TCIC51			HIPER	IPL	
14	CICS -> HCI6800 -> HCI6800 -> AI16019			TCIC51			HIPER	IPL PRV	
15	CICS -> HCI6800 -> HCI6800 -> AI17632			TCIC51		U118550	HIPER	FUL	

SYSMOD Search

Software Instances



Name	Filter	Types	Description
			z/OS V2R1 TST1 (SDCESA)
			z/OS V2R1 ServerPac
			z/OS V2R1 DEVT (S390DEVT)
			End of Service
			Software Instance Validation
			Missing Critical Service
			Missing FIXCAT SYSMODs
			SYSMOD Search
			Software Instance Comparison...
		D809I	R13 ZRD le/c/c++ reference system for sas 9.4 product build
			z/OS v1r13 le/c/c++ 'reference' environment for SAS 9.4 product builds
		LOCAL	z/OSv1r13 Rescue Volume
		LOCAL	z/OS v1r13 rescue volume
		LOCAL	DB2 Version 10
<input checked="" type="checkbox"/>		LOCAL	CICS software instance

SYSMODs Search Results

Maintenance Reports

SYSMOD Search ✕

Use this page to search the selected software instances for one or more SYSMODs.

*
SYSMOD search list:

UK95938

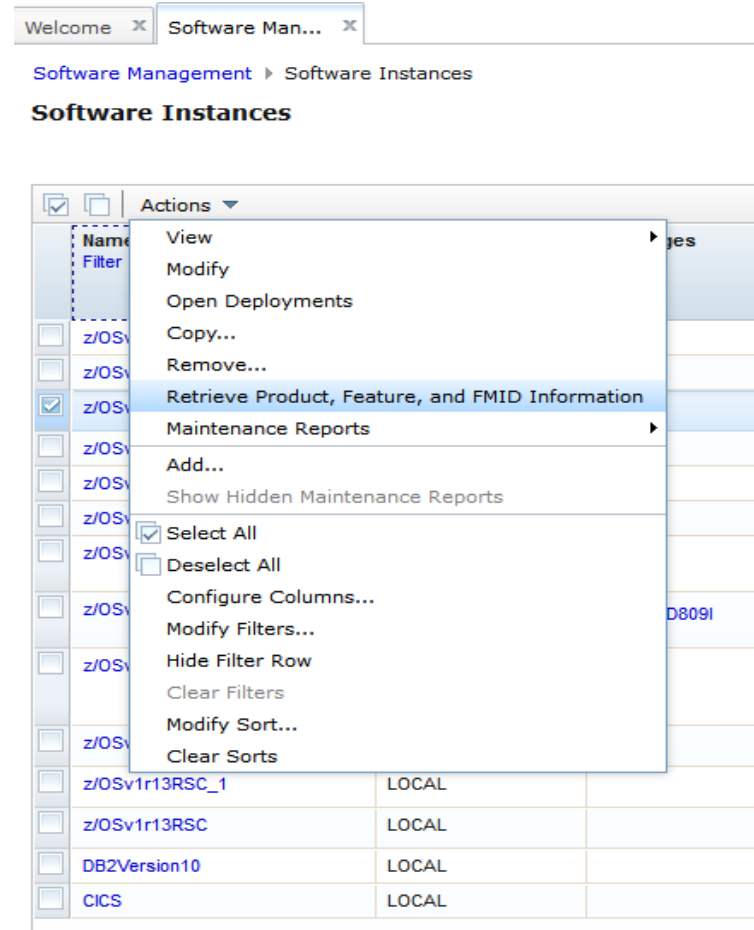
Search

Search Results

<input checked="" type="checkbox"/> <input type="checkbox"/> Actions ▾ Table view: Tree						
Software Instance / Zone Name / SYSMOD Filter	System Filter	Type Filter	F MID Filter	Status Filter	Installed Filter	
<input type="checkbox"/> CICS	LOCAL					
<input type="checkbox"/> DCIC51						
<input type="checkbox"/> ■ UK95938				Not Found		
<input type="checkbox"/> GLOBAL						
<input type="checkbox"/> ■ UK95938		PTF	JC1680M	Received	June 27, 2014 16:10:37	
<input type="checkbox"/> TCIC51						
<input type="checkbox"/> ■ UK95938				Not Found		

End Of Service

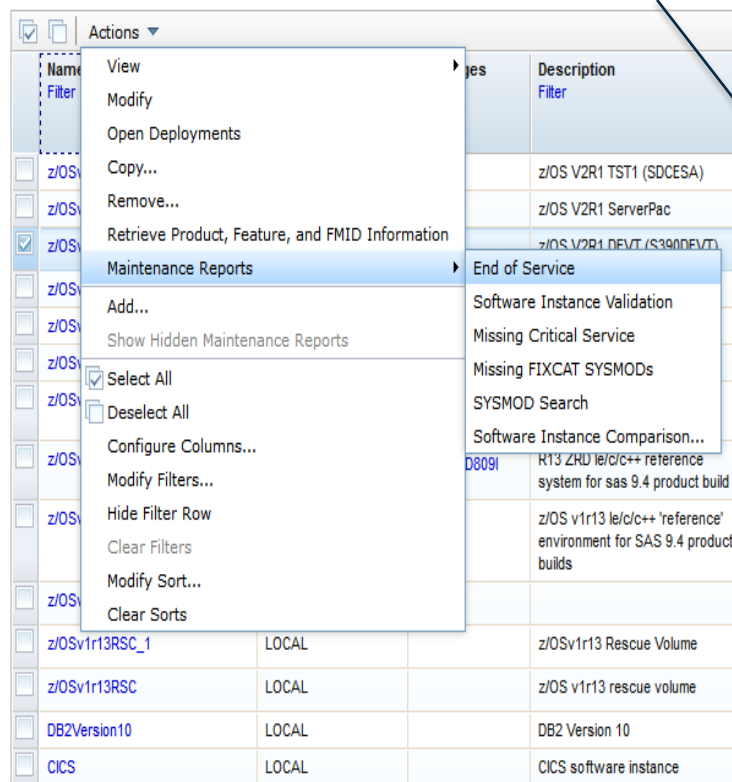
- Before running End of Service maintenance report run the 'Retrieve Product, Feature, and FMID Information' option from the Actions menu



Retrieve End of Service Information

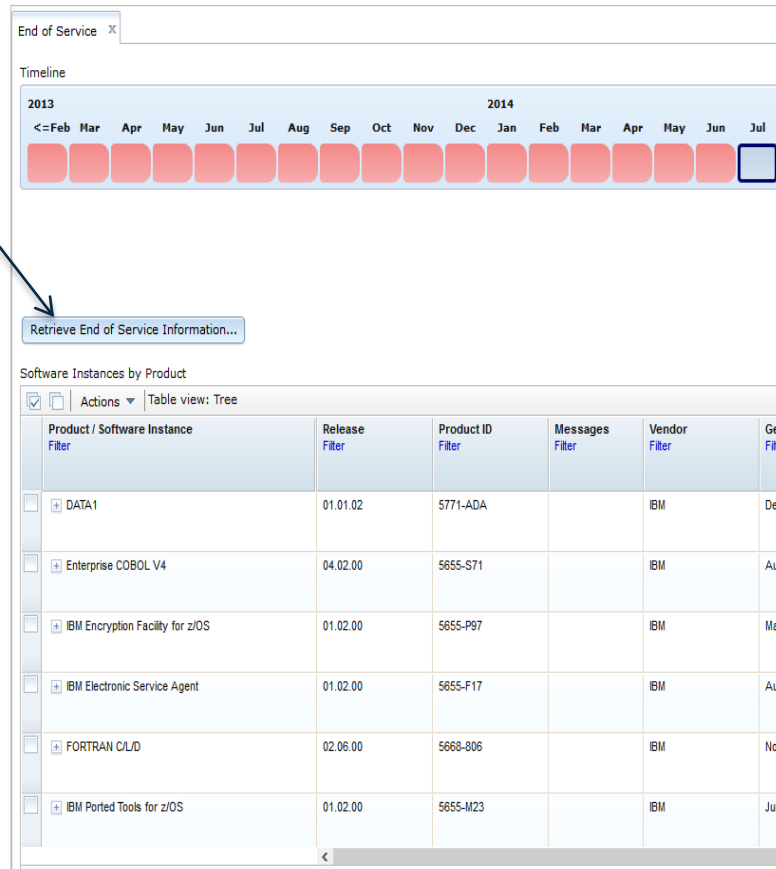
Software Instances

“Retrieve End of Service Information” Button



Name	Platform	Location	Description
z/OS			z/OS V2R1 TST1 (SDCESA)
z/OS			z/OS V2R1 ServerPac
z/OS			z/OS V2R1 DEVT /S390DEVT
z/OS			z/OS v1r13 le/c/c++ 'reference' system for sas 9.4 product build
z/OS			z/OS v1r13 le/c/c++ 'reference' environment for SAS 9.4 product builds
z/OSv1r13RSC_1	LOCAL		z/OSv1r13 Rescue Volume
z/OSv1r13RSC	LOCAL		z/OS v1r13 rescue volume
DB2Version10	LOCAL		DB2 Version 10
CICS	LOCAL		CICS software instance

Maintenance Reports



End of Service X

Timeline

2013 2014

<= Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul

Retrieve End of Service Information...

Software Instances by Product

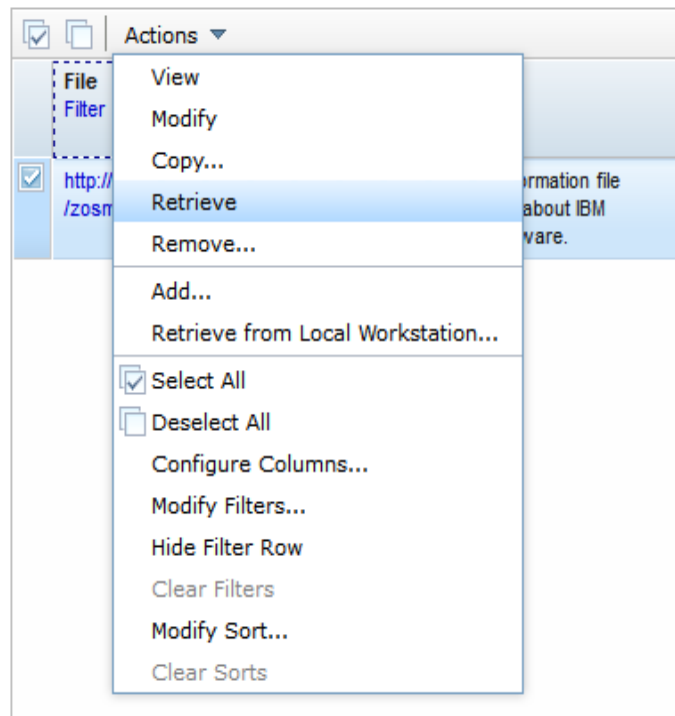
Product / Software Instance	Release	Product ID	Messages	Vendor	Gen
DATA1	01.01.02	5771-ADA		IBM	Dec
Enterprise COBOL V4	04.02.00	5655-S71		IBM	Aug
IBM Encryption Facility for z/OS	01.02.00	5655-P97		IBM	Mar
IBM Electronic Service Agent	01.02.00	5655-F17		IBM	Aug
FORTTRAN CL/D	02.06.00	5668-806		IBM	Nov
IBM Ported Tools for z/OS	01.02.00	5655-M23		IBM	Jul 9,

Product Information File Version

Select Product Information File

A product information file contains information about one or more z/OSMF.

Product Information Files

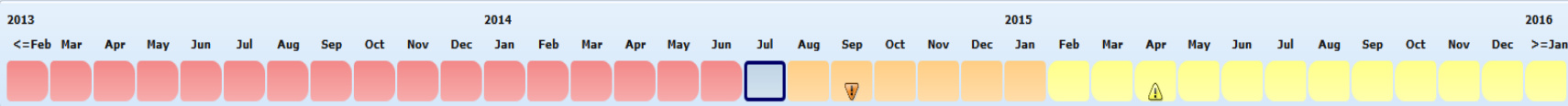


- An updated Product Information File Version will result in the most accurate information on End Of Service Report

Maintenance Reports

End of Service View Legend

Timeline



Retrieve End of Service Information...

Software Instances by Product

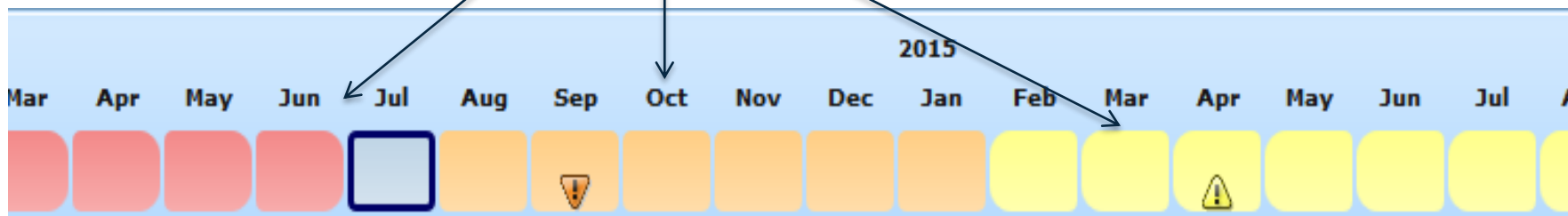
Actions Table view: Tree

Product / Software Instance Filter	Release Filter	Product ID Filter	Messages Filter	Vendor Filter	General Availability Filter	End of Service Filter	Additional Product Information Filter	Product Information File Version Filter	System Filter
<input type="checkbox"/> + IBM Ported Tools for z/OS	01.02.00	5655-M23		IBM	Jul 9, 2010	<input checked="" type="checkbox"/> Not Announced	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-M23	Jul 24, 2014	
<input type="checkbox"/> + VS PASCAL LIB	01.02.00	5668-717		IBM	Sep 13, 1988	<input checked="" type="checkbox"/> Not Announced	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5668-717	Jul 24, 2014	
<input type="checkbox"/> + IBM Enterprise PL/I for z/OS and OS/390	03.09.00	5655-H31		IBM	Oct 30, 2009	<input type="checkbox"/> ⚠ Apr 30, 2015	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-H31	Jul 24, 2014	
<input checked="" type="checkbox"/> + IBM Tivoli Storage Manager for z/OS and z/VM	05.05.00	5698-A13		IBM	Dec 14, 2007	<input type="checkbox"/> ⚠ Sep 30, 2014	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5698-A13	Jul 24, 2014	
<input type="checkbox"/> + XML Toolkit for z/OS	01.10.00	5655-J51		IBM	Dec 12, 2008	<input checked="" type="checkbox"/> Not Announced	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&appname=ShopzSeries&htmlfid=897/ENUS5655-J51	Jul 24, 2014	
<input type="checkbox"/> + z/OS V2	02.01.00	5650-ZOS		IBM	Sep 30, 2013	<input checked="" type="checkbox"/> Not Announced	http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&aoname=ShoozSeries&htmlfid=897/ENUS5650-ZOS	Jul 24, 2014	

Total: 34, Selected: 0

Timeline from End Of Service Report

Color coded timeline represents the urgency in which products will reach end of service



Maintenance Reports

End of Service ×

Timeline

Product: IBM Tivoli Storage Manager for z/OS and z/VM
 End of service: Sep 30, 2014
 Release: 05.05.00
 Product ID: 5698-A13
 Vendor: IBM
 Announcement: <http://www-01.ibm.com/common/ssi/cgi-bin/ssialias?infotype=dd&subtype=sm&apname=ShopzSeries&htmlfid=897/ENUS5698-A13>

Hovering over items in the timeline will provide a clickable link with more information

Sep Oct

More information available from report

5698-A13 IBM Tivoli Storage Manager for z/OS V5.05.0

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

- ↓ [Product Life Cycle Dates](#)
 - ↓ [Program Number](#)
 - ↓ [Abstract](#)
 - ↓ [Product Positioning](#)
 - ↓ [Highlights](#)
- ↓ [Description](#)
 - ↓ [Operating Environment](#)
 - ↓ [Planning Information](#)
 - ↓ [Publications](#)
 - ↓ [Security, Auditability, and Control](#)

Product Life Cycle Dates

Program Number	VRM	Announced	Available	Marketing Withdrawn	Service Discontinued
5698-A11	05.05.00	2007/11/13	2007/12/14	2013/09/09	2014/09/30
5698-A11	05.04.00	2000/01/23	2005/01/26	-	2012/09/30
5698-A11	05.03.00	2004/12/14	2005/01/21	-	2008/04/06
5698-A12	05.05.00	2007/11/13	2007/12/14	2013/09/09	2014/09/30
5698-A12	05.04.00	2007/01/23	2007/01/26	-	2012/09/30
5698-A12	05.03.00	2004/12/14	2005/01/21	-	2008/04/06
5698-A13	05.05.00	2007/11/13	2007/12/14	2013/09/09	2014/09/30
5698-A13	05.04.00	2007/01/23	2007/01/26	-	2012/09/30
5698-A13	05.03.00	2004/12/14	2005/01/21	-	2008/04/06
5698-A25	05.05.00	2007/11/13	2007/12/14	2013/09/09	2014/09/30
5698-A25	05.04.00	2007/01/23	2007/01/26	-	2012/09/30
5698-A25	05.03.00	2004/12/14	2005/01/21	-	2008/04/06

[↑ Back to top](#)

Program Number

- IBM Tivoli Storage Manager for z/OS (5698-A13)
- IBM Tivoli Storage Manager Extended Edition for z/OS (5698-A11)
- IBM Tivoli Storage Manager for Data Retention for z/OS (5698-A25)
- IBM Tivoli Storage Manager for Mail for z/OS (5698-A12)

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Abstract

IBM Tivoli Storage Manager for z/OS V5.5 family of products is designed to provide a comprehensive solution focused on the key data protection activities of backup, archive, recovery, space management, and disaster recovery planning.

Tivoli Storage Manager for z/OS V5.5 is designed to provide improvements to the scalability, ease of administration, and security characteristics. These enhancements can help improve the productivity of personnel administering and using Tivoli Storage Manager, and can help improve the security of backup data.

Tivoli Storage Manager for z/OS V5.5 enhancements:

z/OSMF Workflows

- z/OSMF workflow application is delivered to simplify performing tasks on z/OS
- Available with PTFs for APAR PM98630 and its corequisite APARs
- Provides a programmatic to do list
- Provides a guided flow through end-end steps required to accomplish a task

Things to know before using workflows

- Sample workflows are located
/usr/lpp/zosmf/V2R1/samples
- Put all workflow docs in a central location on workstation
and in z/OS unix directory
- Dependent files need to be in same location as main file
- Copy Sample files from sample library to your own
personal z/OS unix directory space
- Coding errors will prevent workflow from uploading into
z/OSMF

Importing a new workflow

- The z/OS V2.1 Migration Workflow is based on the z/OS V2.1 Migration book
- You can go through the migration as an interactive, step-by-step process
- Two XML documents are provided for migration: one from V1.13 to V2.1 and one from V1.12 to V2.1
- This is the workflow I will be using as an example for an upload
- z/OS V2.1 Migration Book is available as a workflow for download [Here](#)

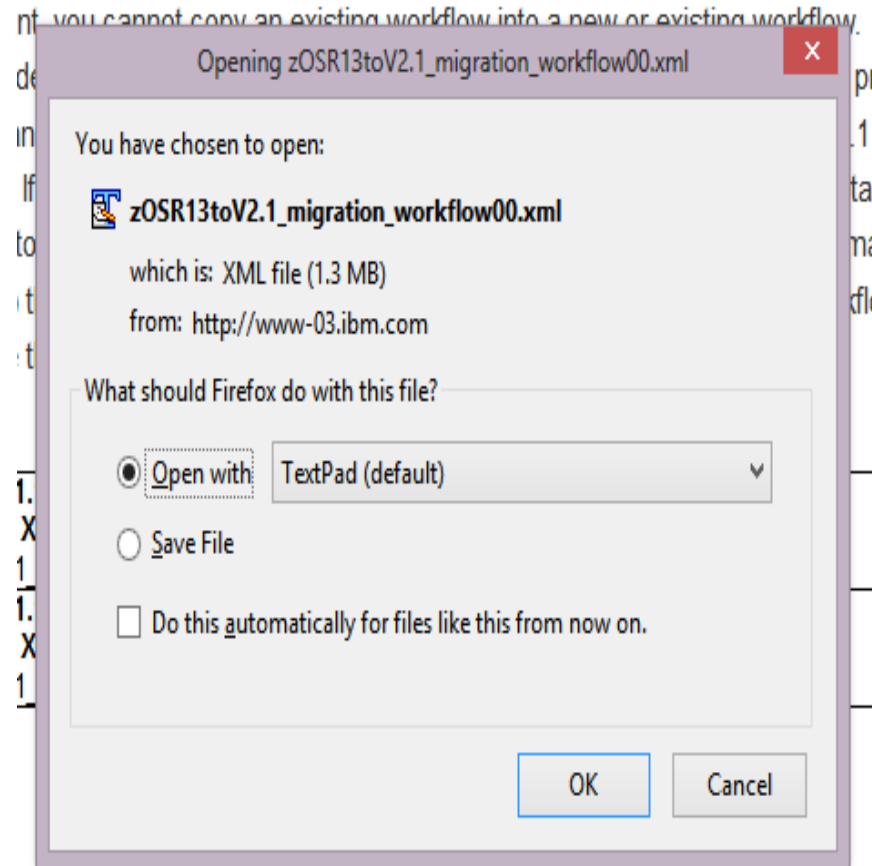
Download V2.1 Migration Workflow for z/OSMF

4. Today, this is strictly a "book port" into z/OSMF Workflow. Accordingly, you will only see the migration action documented in the "General" tab of the task. No other tabs are currently in use by this workflow. You don't need to use both the book and the workflow - you can use only one and get the same information.
5. At this point, you cannot copy an existing workflow into a new or existing workflow. Take this into consideration if you wish to upgrade a workflow to a higher level when one is provided. This means that you should use the latest level of the workflow for your z/OS V2.1 migration planning. If subsequent levels of the workflow are released after you've already started, you can refer to those levels of the z/OS V2.1 Migration book and see (from the Summary of Changes) those migration actions that are not accounted for in your existing workflow. We recognize the need to "drag" a migration workflow.

- Start by going to the site and downloading the file you need
- Either V1.13 to V2.1 or V1.12 to V2.1

From z/OS V1.13 to V2.1 Migration Workflow for z/OSMF V2.1 XML file zOSR13toV2.1_migration_workflow00.xml (1.28 MB)	Download now 2014-02-27
From z/OS V1.12 to V2.1 Migration Workflow for z/OSMF V2.1 XML file zOSR12toV2.1_migration_workflow00.xml (1.70 KB)	Download now 2014-02-27

Open or Save file



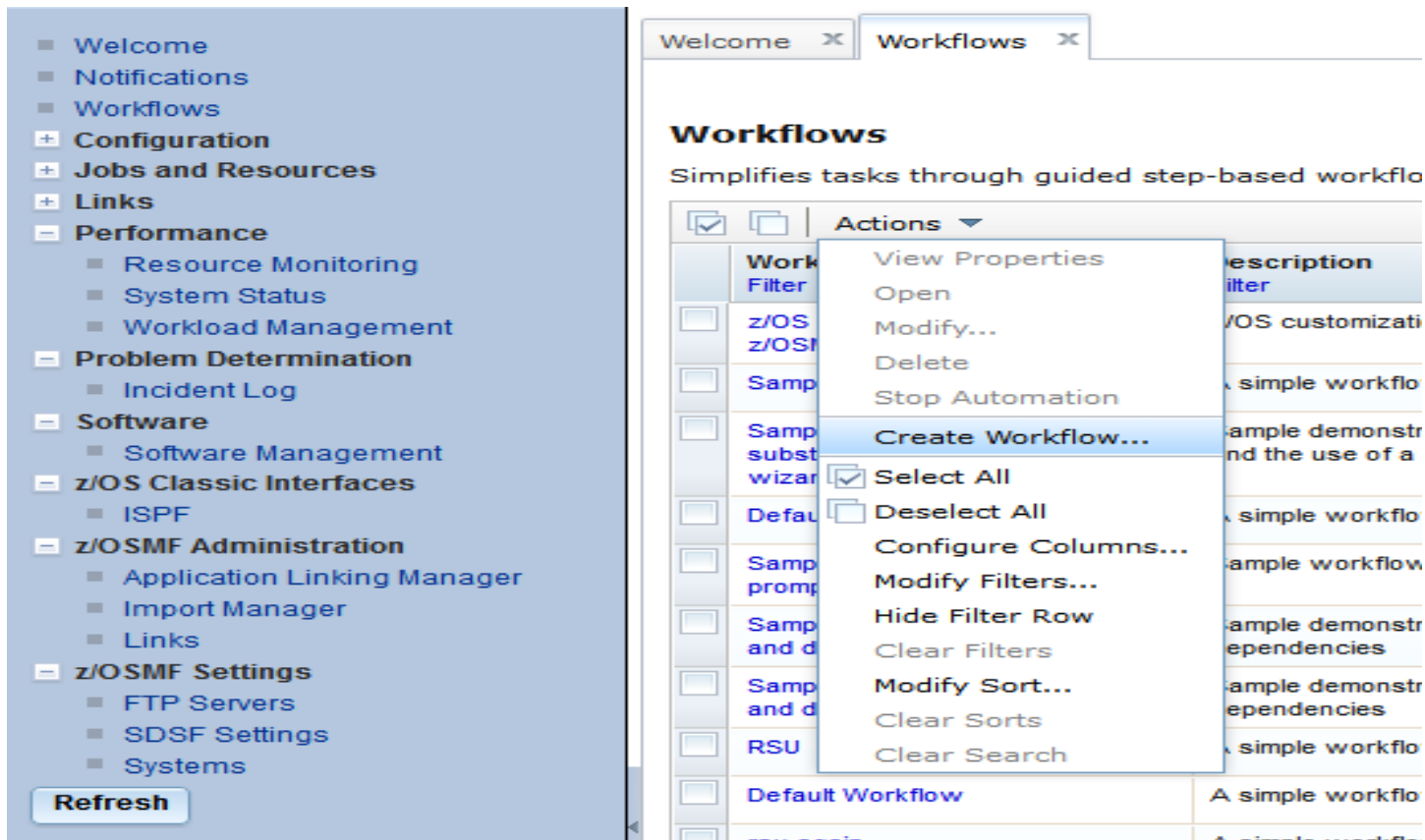
- Using a text editor (notepad) either open or save the selected file
- If saving it be sure it is with other workflows so they are all in a central location

Ftp the downloaded file to system

```
Command Prompt - ftp s390deva
C:\Users\rerobb\Documents>cd zosmf workflows
C:\Users\rerobb\Documents\zosmf workflows>list
'list' is not recognized as an internal or external command,
operable program or batch file.
C:\Users\rerobb\Documents\zosmf workflows>ftp s390deva
Connected to s390deva.mvs.sas.com.
220-FTPD1 IBM FTP CS V2R1 at s390deva.mvs.SAS.COM, 09:57:40 on 2014-07-25.
220 Connection will close if idle for more than 5 minutes.
User (s390deva.mvs.sas.com:(none)): rerobb
331 Send password please.
Password:
230 REROBB is logged on. Working directory is "REROBB.".
ftp> cd /u/rerobb
250 HFS directory /u/rerobb is the current working directory
ftp> put zOSR13toV2.1_migration_workflow00.xml
zOSR13toV2.1_migration_workflow00.xml: File not found
ftp> put zOSR13toV2.1_migration_workflow00.xml
200 Port request OK.
125 Storing data set /u/rerobb/zOSR13toV2.1_migration_workflow00.xml
250 Transfer completed successfully.
ftp: 1349614 bytes sent in 0.055Seconds 26992.28Kbytes/sec.
ftp>
```

- Once the file is saved on your machine ftp to your z/OS unix directory on your system
- I used a put command to move the file from my documents to my directory

Add workflow in z/OSMF



Workflows
Simplifies tasks through guided step-based workflow

<input checked="" type="checkbox"/>	<input type="checkbox"/>	Actions	Description
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Work Filter	Filter
<input type="checkbox"/>	<input type="checkbox"/>	z/OS z/OS	z/OS customizati
<input type="checkbox"/>	<input type="checkbox"/>	Sampl	A simple workflo
<input type="checkbox"/>	<input type="checkbox"/>	Sampl subst wizar	sample demonstr and the use of a
<input type="checkbox"/>	<input type="checkbox"/>	Defau	A simple workflo
<input type="checkbox"/>	<input type="checkbox"/>	Sampl promp	sample workflow
<input type="checkbox"/>	<input type="checkbox"/>	Sampl and d	sample demonstr dependencies
<input type="checkbox"/>	<input type="checkbox"/>	Sampl and d	sample demonstr dependencies
<input type="checkbox"/>	<input type="checkbox"/>	RSU	A simple workflo
<input type="checkbox"/>	<input type="checkbox"/>	Default Workflow	A simple workflo
<input type="checkbox"/>	<input type="checkbox"/>	rsu coas	A simple workflo

Import the workflow into z/OSMF

Create Workflow


Type or select a workflow definition file to use for creating a new workflow.
For a z/OS data set, specify a fully qualified name, with no quotes.

* Workflow definition file:

Type or select a variable input file to populate the new workflow.
For a z/OS data set, specify a fully qualified name, with no quotes.

Workflow variable input file:

Create Workflow

 **IZUWF0102E:** Workflow definition file "/u/rerobb/zOSR13toV2.1_migration_workflow00.xml" was not added to the Workflows task because the user is not authorized to read the specified file. X

Type or select a workflow definition file to use for creating a new workflow.
For a z/OS data set, specify a fully qualified name, with no quotes.

* Workflow definition file:

Type or select a variable input file to populate the new workflow.
For a z/OS data set, specify a fully qualified name, with no quotes.

Workflow variable input file:

Errors from Workflow Import

- Certain errors will prevent your workflow from being uploaded
- These errors will produce messages telling you what needs to be fixed
- Coding errors will include the line in which the error is located
- Permissions error will occur if the proper read permissions are not present
- Dependent files will cause errors if not in same location as main files

Permissions error while uploading

- Be sure you have proper rights on the file or you will get this error
- Use a chmod to change to proper permissions

Create Workflow

IZUWF0102E: Workflow definition file "/u/rerobb/newadduser.xml" was not added to the Workflows task because the user is not authorized to read the specified file.

Type or select a workflow definition file to use for creating a new workflow.
For a z/OS data set, specify a fully qualified name, with no quotes.

* Workflow definition file:

/u/rerobb/newadduser.xml

```
-rwxr-xr-x 1 REROBB ISD 14254 Jun 24 10:49 newadduser.xml
-rwxr-xr-x 1 REROBB ISD 176278 Jul 19 2012 pagent.conf
```

Missing files error

- If referenced files or templates are not in same location
- You will get an IZUWF011E
- Be sure you have all needed files in the same place

Create Workflow

IZUWF011E: The workflow definition file "/u/rerobb/newadduser.xml" refers to type template file "adduser.template" , which could not be found. X

Type or select a workflow definition file to use for creating a new workflow.
For a z/OS data set, specify a fully qualified name, with no quotes.

* Workflow definition file:

/u/rerobb/newadduser.xml

Type or select a variable input file to populate the new workflow.
For a z/OS data set, specify a fully qualified name, with no quotes.

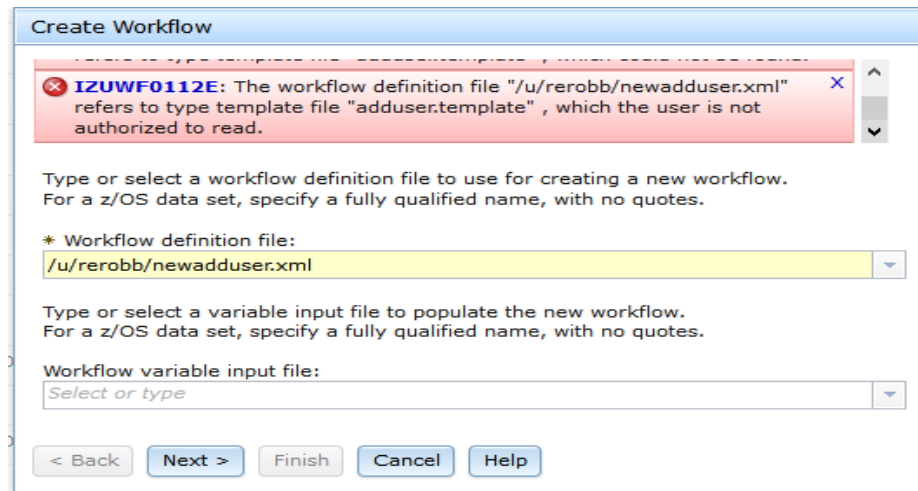
Workflow variable input file:

Select or type

< Back Next > Finish Cancel Help


Permissions error

- Be sure all of the referenced files have proper read permissions
- If rights are not correct you will get an IZUWF0112E
- Rights can be changed with chmod



Syntax errors

- If there are errors in the code the workflow will not be validated and it will produce an error message
- All errors will need to be corrected before workflow will validated

 **IZUWF0120E:** Validation of workflow definition file "/u/rerobb /testnewadduser.xml" failed. See line "60" for errors. Additional information from the XML parser: "The element type "label" must be terminated by the matching end-tag "</label>"."

Type or select a workflow definition file to use for creating a new workflow. For a z/OS data set, specify a fully qualified name, with no quotes.

* Workflow definition file:

/u/rerobb/testnewadduser.xml

Complete Upload

Create Workflow

Workflow definition file:
/u/rerobb/zOSR13toV2migration.xml

Description:
zOS_Migration_V2R1 for GA

Vendor: IBM Version: 1.0

* Workflow name:
Migration Workflow

* Owner user ID: rerobb * System: DEVAPLEX.DEVT (LOCAL)

Comments:

Open workflow on finish Assign all steps to owner user ID

< Back Next > Finish Cancel Help

- Once all errors have been resolved the workflow will be created
- You can Pick a name for your workflow here
- Also be sure to check the boxes “Open workflow to finish” “Assign all steps to owner user ID”

New workflow view

- Basic information on workflow when opened
- Key information, State, Title, Owner, Assignees,

Migration Workflow

Notes | History

Description: zOS_Migration_V2R1 for GA
 Owner: rerobb
 System: DEVAPLEX.DEVT (LOCAL)

Percent complete:

Steps complete: 0 of 208
 Status: ■ In Progress

Workflow Steps

<input checked="" type="checkbox"/> <input type="checkbox"/> Actions ▼					
	State Filter	No. Filter	Title Filter	Automated Filter	Owner Filter
<input type="checkbox"/>	■ In Progress	1	+ Migration: Introduction		
<input type="checkbox"/>	■ In Progress	2	+ General migration actions for everyone migrating to z/OS V2R1		
<input type="checkbox"/>	■ In Progress	3	+ Migration from z/OS V1R13		

Prerequisite steps

- To perform steps in a particular order steps can be made pre reqs of others
- An override can be issued to bypass a step
- Attempting to go out of order will result in a warning

Workflow Steps

Actions	
State	Filter
<input type="checkbox"/>	➔ Ready
<input type="checkbox"/>	⚡ Not Ready
<input type="checkbox"/>	⚡ Not Ready
<input type="checkbox"/>	⚡ Not Ready
<input type="checkbox"/>	⚡ Not Ready

Perform Override

IZUWF0061W: You are about to perform a step without completing its prerequisite steps, thus bypassing a portion of the workflow. You must ensure that the prerequisites for this step are satisfied. Do you want to continue?

Prerequisite steps

No.	Title	State	Owner
1	■ Define RACF User using JCL job	➔ Ready	rerobb

Total: 1

OK Cancel Help

Skipping a step

Workflow Steps

State Filter	Actions	Title
<input checked="" type="checkbox"/>	Perform	RACF User using JCL job
<input checked="" type="checkbox"/>	Skip	data set profile for new user
<input type="checkbox"/>	Not Ready	zFS User using JCL job
<input type="checkbox"/>	Not Ready	zFS User using JCL job
<input type="checkbox"/>	Not Ready	default profile to the new user

The 'Skip' action is highlighted in the context menu for the second step.

Add User

Notes | History

Description: Add a TSO User

Owner: rerobb

System: DEVT_001

Steps complete: 0 of 4

Status: In Progress

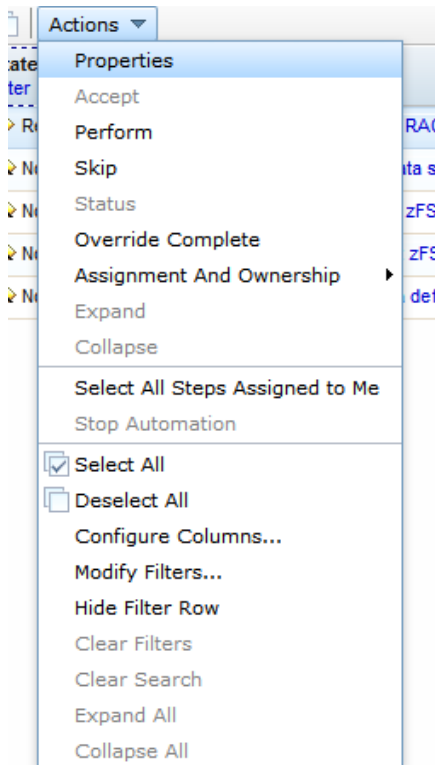
Percent complete:

Workflow Steps

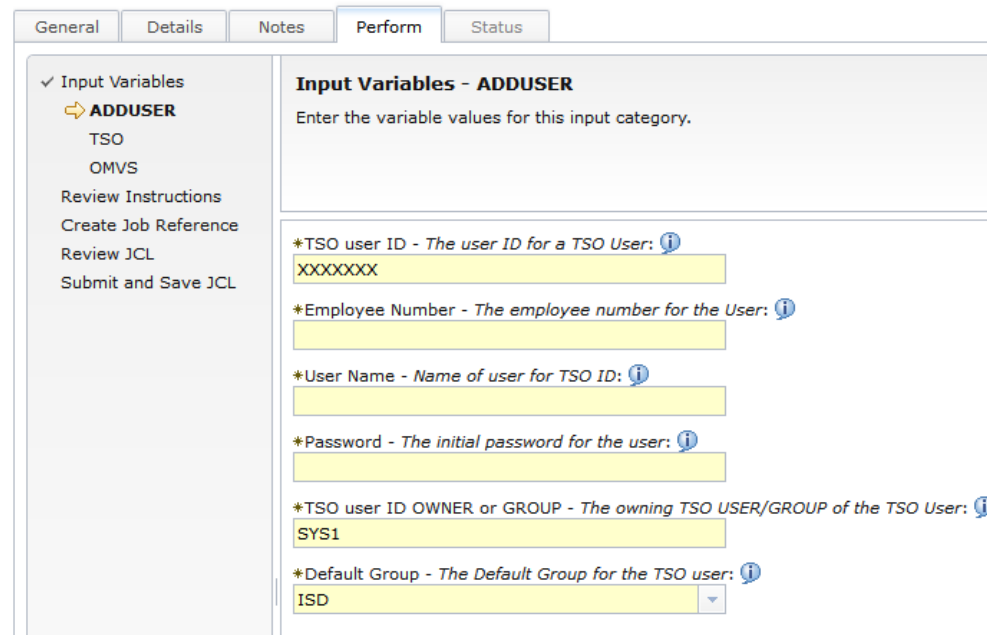
State Filter	No. Filter	Title Filter	Automated Filter	Owner Filter
<input checked="" type="checkbox"/>	1	Define RACF User using JCL job	No	
<input type="checkbox"/>	2	Add data set profile for new user	No	rerobb
<input type="checkbox"/>	3	Define zFS User using JCL job	No	rerobb
<input type="checkbox"/>	4	Format zFS User using JCL job	No	rerobb
<input type="checkbox"/>	5	Copy a default profile to the new user	No	rerobb

Actions menu

- Properties and Perform options both allow you to start the step
- Alternatively you can simply click the title and go to perform tab



Properties for Workflow Step 1. Define RACF User using JCL job



Assignment and Ownership

- From this option you can assign a step to one of the listed assignees
- If the user you would like to assign is not listed they can be added

Workflow Steps

Actions ▾

- State Filter
- Accept
- Perform
- Skip
- Status
- Override Complete
- Assignment And Ownership ▸
 - Add Assignees...
 - Remove Assignees...
 - Take Ownership
 - Return
- Expand
- Collapse
- Select All Steps Assigned to Me
- Stop Automation
- Select All
- Deselect All
- Configure Columns...
- Modify Filters...
- Hide Filter Row
- Clear Filters
- Clear Search
- Expand All

Add Assignees

Select one or more SAF user IDs, SAF groups or z/OSMF roles to be assigned to the selected steps.

▸ Selected Steps

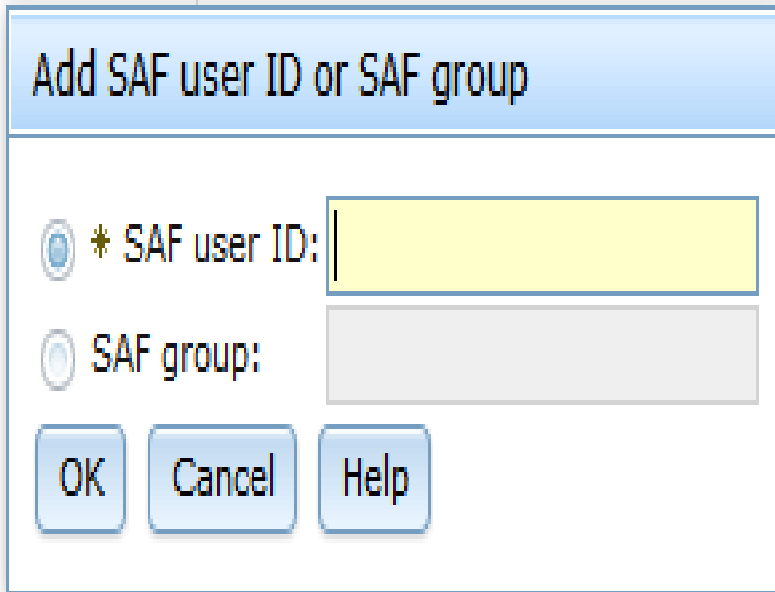
Available assignees

Actions ▾

Name Filter	Type Filter
<input type="checkbox"/> rerobb	SAF user ID
<input type="checkbox"/> snosew	SAF user ID
<input type="checkbox"/> z/OS Security Administrator	z/OSMF role
<input type="checkbox"/> z/OSMF Administrator	z/OSMF role
<input type="checkbox"/> z/OSMF User	z/OSMF role

Add user

- If the user you would like to assign isn't in the list you can add them
- A single user or group can be added as an assignee



Add SAF user ID or SAF group

* SAF user ID:

SAF group:

OK Cancel Help

SDSF Plug-in

- Plugin provides a web interface for the SDSF TSO command
- SDSF is the first exploiter of customers and vendors creating their own web applications and registering to z/OSMF at runtime
- SDSF Plug-In is implemented by the z/OSMF Import Manager after PTFs applied
 - APAR PI15112 fix required for z/OSMF Plug-In Import Manager
- SDSF requires a special TSO logon Proc
 - Must allocate SISFEXEC data set to SYSEXEC
- Access to Remote SDSF requires SDSF communications to be active (Websphere MQ or XCF) with a minimum level of z/OSMF SDSF V2R1
- SDSF PTF for APAR PM86303



Overview

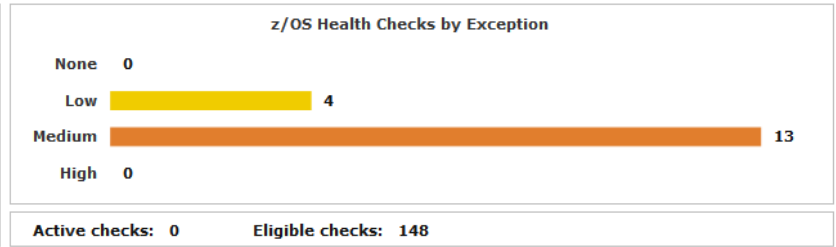
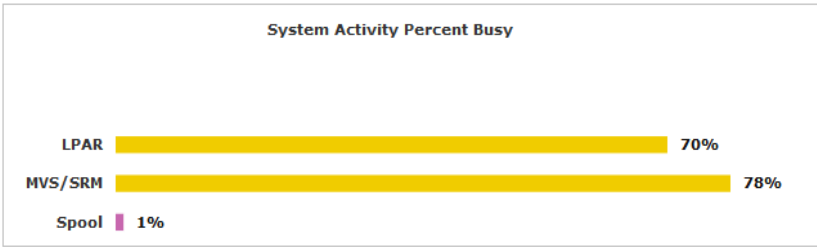
Explore the summary data, or choose a task.

Messages 0 0 0 | 1 | Help

System Activity Summary: TST1 (Local)

System: TST1 (Local)

[View text](#)



[Refresh](#) Last refresh: More than 1 minute ago

[View icons](#)

Jobs

- [Active Jobs](#) Work with active jobs
- [All Jobs](#) Work with jobs in any phase of processing
- [Input Queue](#) Work with jobs on the input queue
- [Output Queue](#) Work with jobs on the output queue
- [Held Output Queue](#) Work with jobs on the held output queue

Health Checks

- [z/OS Health Checks](#) Manage z/OS Health Checks

z/OS Commands and Logs

System command line: TST1 (Local)

[Submit](#)

[Help with command syntax...](#)

- [User Session Log](#) Display and search the User Session Log



SDSF Active Jobs

SDSF (TESTPLEX) Common Filters

Overview Active Jobs

Work with active jobs.

Active Jobs Statistics

System: TST1 (Local)

System Activity Percent Busy

LPAR	5%
MVS/SRM	6%

Demand Paging Rate: 0

Top CPU Percentages

REROBB	1.22%
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Job Statistics of active jobs on the system



Active Jobs

Actions View

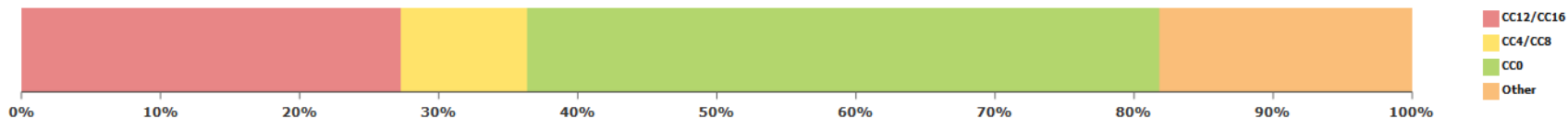
	JOBNAME	StepName	ProcStep	JobID	Owner
<input type="checkbox"/>	REROBB	REROBBI	TCP07016	T0289134	REROBB
<input type="checkbox"/>	REROBB	TFSSDSF	IZUTSOAP	T0289139	REROBB

Current active jobs on the system



SDSF All Jobs

▼ Return Code Counts (11)



All Jobs

Common Filters

Properties of

Actions ▼ View ▼

	JOBNAME	JobID	Owner	Prtty	Queue
<input type="checkbox"/>	REROBB	T0289134	REROBB	15	EXECUTION
<input type="checkbox"/>	REROBB	T0289139	REROBB	15	EXECUTION
<input type="checkbox"/>	PSF45A5	J0286621	REROBB	1	PRINT
<input type="checkbox"/>	PSF45A5	J0286622	REROBB	1	PRINT
<input type="checkbox"/>	R1U1405D	J0287706	REROBB	1	PRINT
<input type="checkbox"/>	COMPRST1	J0287786	REROBB	1	PRINT
<input type="checkbox"/>	COMPRST1	J0287788	REROBB	1	PRINT
<input type="checkbox"/>	R1U1405J	J0287802	REROBB	1	PRINT
<input type="checkbox"/>	R1U1405J	J0287804	REROBB	1	PRINT
<input type="checkbox"/>	SMPPERPT	J0287809	REROBB	1	PRINT
<input type="checkbox"/>	SMPPERPT	J0287810	REROBB	1	PRINT

Total: 11, Selected: 0

< Page 1 of 1 > Rows 100



General

JobCorrelator:
JobID:
JOBNAME:
Type:

Accounting

Acct:
End-Date:
End-Time:
Notify:
Programmer-Name:
Rd-Date:
Rd-Time:
RNum:
St-Date:
St-Time:

Advanced

ASys:
Cards:
Device:
ESys:
ExecNode:
TSvs:

SDSF Selected job properties

General

JobCorrelator: J0287706
 JobID: R1U1405D
 JOBNAME: JOB
 Type:

Accounting

Acct: undefined NaN, NaN 12:NaN:
 End-Date: NaN PM
 End-Time: 14:39:19.71
 Notify: REROBB
 Programmer-Name: MSD-ED WEBB
 Programmer-Name: undefined NaN, NaN 12:NaN:
 Rd-Date: NaN PM
 Rd-Time: 14:38:59.75
 RNum: undefined NaN, NaN 12:NaN:
 St-Date: NaN PM
 St-Time: 14:38:59.86

Advanced

19
 ASys:
 Cards: TST1
 Device:
 ESys: LOCAL
 ExecNode: TST1
 ISys: F
 MC:
 Offs: LOCAL
 OrigNode: 17
 Pos:
 SAff:
 Spin: 2
 TGNum: 0
 TGPct: 0
 WPos:

Printing

LOCAL
 PrtDest:
 Tot-Lines: 385

Runtime

Phase: 20
 PhaseName: AWAITING OUTPUT

Scheduling

C: T
 Mode:
 Prty: 1
 Scheduling-En:
 SrvClass:

Security

Owner: REROBB
 SecLabel:
 SubGroup: ISD
 SubUser: REROBB

Status

DelayRsn:
 Dly:
 Max-RC: CC 0000
 Queue: PRINT
 Status:

Thank You!

- Questions ????????

