

# z/OS 2.4 IBM Education Assistant (IEA)

Solution (Epic) Name: z/OSMF UI refine

Element(s)/Component(s): z/OS Management Facility



# Agenda

- Trademarks
- Session Objectives
- Overview
- Usage & Invocation
- Interactions & Dependencies
- Installation
- Session Summary

# Trademarks

- See url <http://www.ibm.com/legal/copytrade.shtml> for a list of trademarks.
- Additional Trademarks:
  - None.

# Session Objectives

- Items included

228766	<b>z/OSMF UI refine</b>
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The function is already available with z/OSMF V2R3

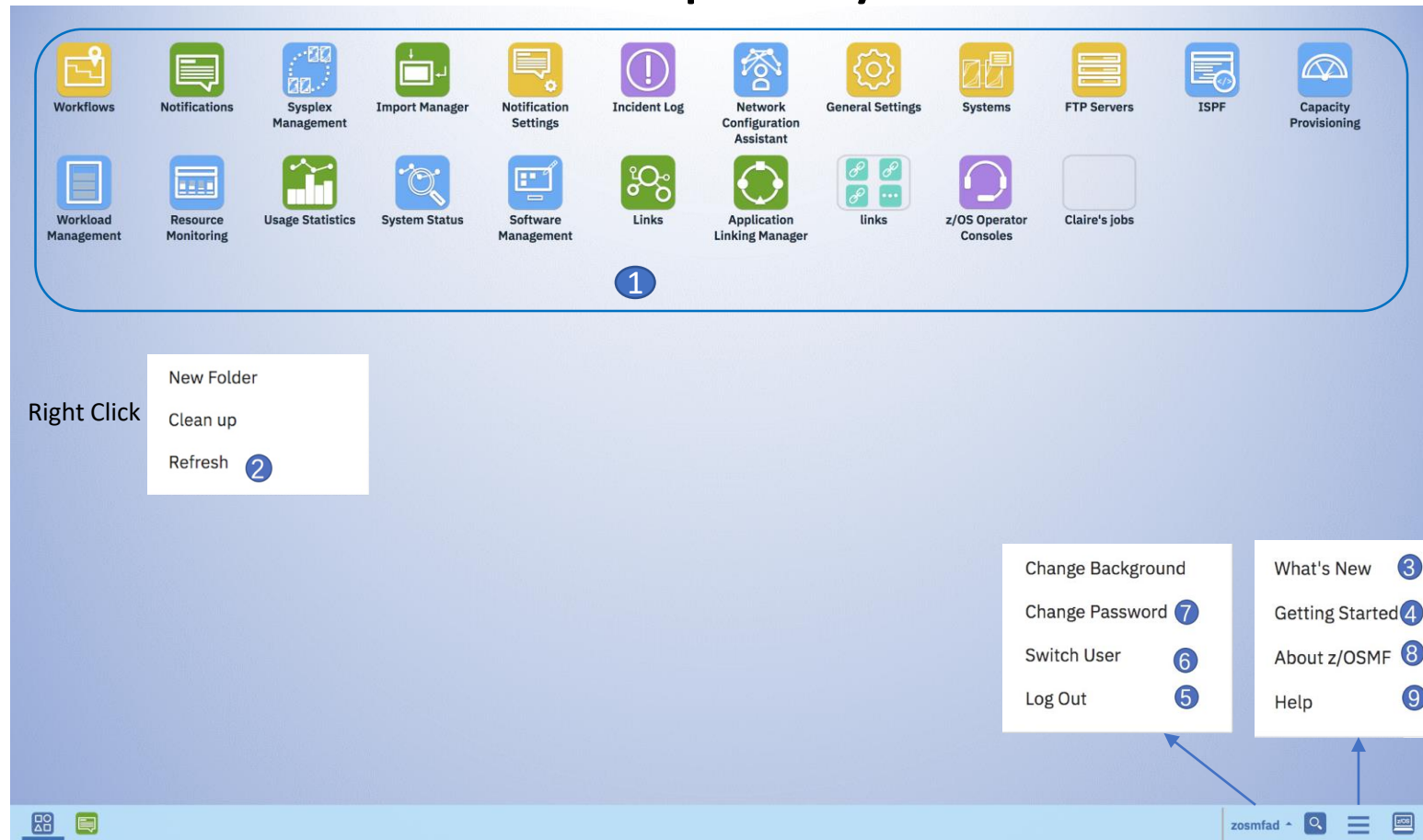
# Overview

- Benefit / Value, Need Addressed
  - Have a modernized, system-like web UI of z/OSMF.
  - Multi-tasking across z/OSMF plugins instead of switching to one tab at a time.
  - Enlarge the user's work space on z/OSMF UI.
  - Have simple widgets to help with the daily work, for instance, browse/edit dataset.
  - Save frequent used dataset/member as desktop icons for easy access.
- Solution
  - Refine the z/OSMF user interface to a desktop style web UI that provides the user the ability of multi-tasking, and widgets to help the daily work of system admins.

# Usage & Invocation

- z/OSMF desktop style UI provides,
  - Icons on desktop representing z/OSMF plugins and customized folders.
    - Ability to place icons at anywhere on desktop, drag icons into folder.
  - Windows on opening a task/folder.
    - Ability to view multiple windows at the same time, move/resize window.
  - Taskbar for switching between the opened windows.
    - Ability to pin icons to taskbar.
  - Dataset search widget to search/browse/edit/delete datasets.

# 228766 Desktop Style



- Double click on desktop minimize all windows
- Double click on window title maximize the window
- Icons could be dragged and pin on the taskbar.
- Icons could be dragged into folder
- Icons on desktop, position of icons, icons on taskbar, etc. are persisted for user.
- Links could be sent to desktop as icons from Links task.

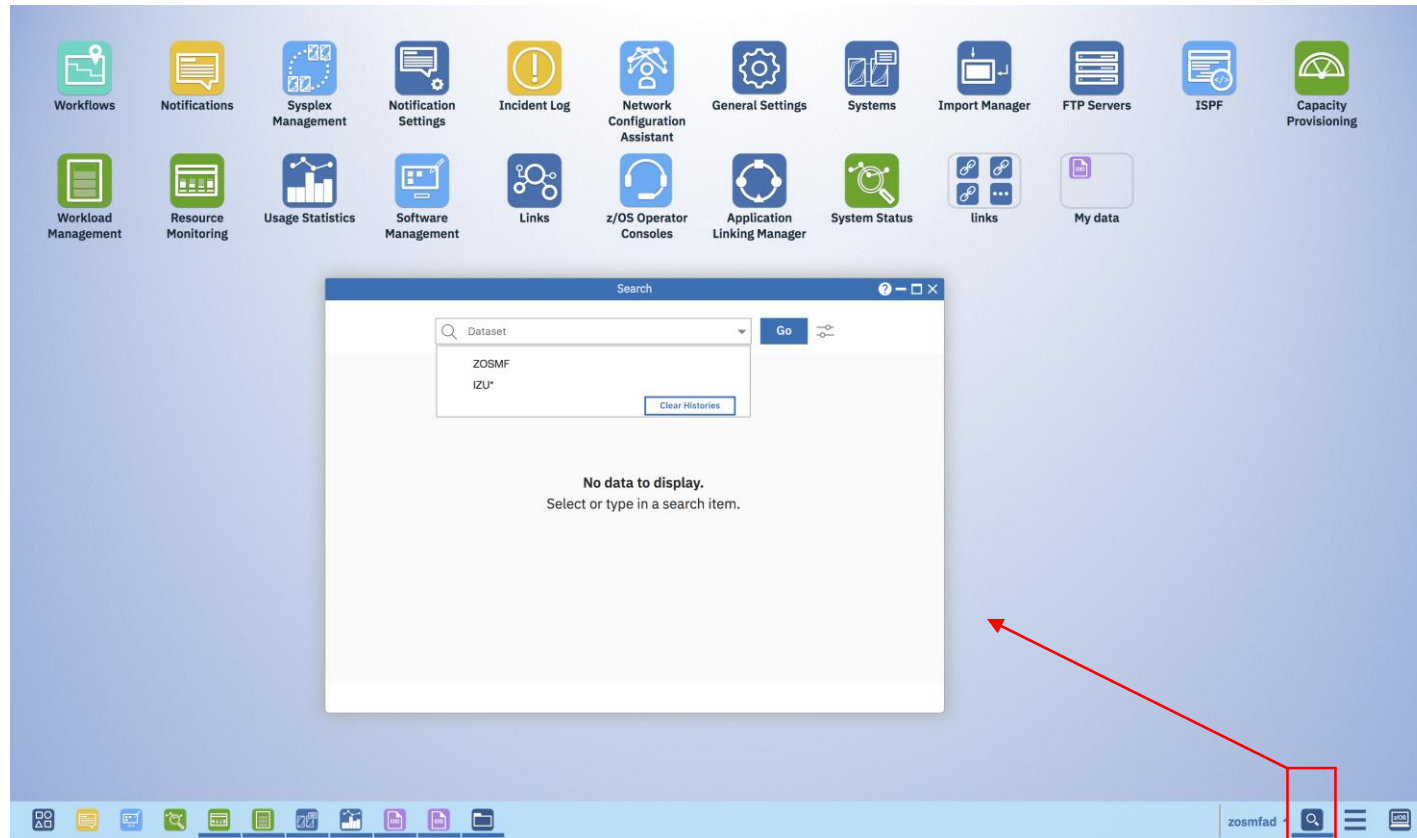
# 228766 Desktop Style

The screenshot displays a desktop environment with a light blue background. At the top, there is a row of 15 icons representing various system functions: Workflows, Notifications, Sysplex Management, Notification Settings, Incident Log, Network Configuration Assistant, General Settings, Systems, Import Manager, FTP Servers, ISPF, Capacity Provisioning, Workload Management, Resource Monitoring, Usage Statistics, Software Management, Links, z/OS Operator Consoles, Application Linking Manager, System Status, links, and My data. Below the icons, three application windows are open and overlapping. The 'Resource Monitoring' window shows a 'Dashboards' section with a list of actions and a table of system metrics. The 'Workload Management' window shows an 'Overview' section with instructions and a 'Manage' section with links to Service Definitions, Service Policies, and Settings. The 'Usage Statistics' window shows a 'Summary of the task usage by requests' section with a pie chart and a table of user activity.

Users can view multiple tasks at the same time. Windows can be dragged and resized.



# 228766 Dataset Search



Users can launch dataset search widget with the “search” icon, and either type in a keyword or select one from the history searches.

# 228766 Dataset Search

The screenshot displays the 228766 Dataset Search interface. At the top, a blue header bar contains the word "Search" and icons for help, expand, and close. Below this, a search bar contains the text "ZOSMF" and a "Go" button. To the right of the search bar is a filter icon. The main content area is divided into two columns. The left column, titled "Results (1000) :", lists 10 search results, each with a checkbox and a link to a dataset. The right column, titled "Results (30) :", lists 10 search results, each with a checkbox and a link to a dataset. In the center, there is a "Search Options:" section with two filters: "Volume" set to "PEVTST" and "Maximum Items" set to "The maximum number of items to return." Below these filters are "Clear" and "Refresh" buttons.

Search

Search

Search Options:

Volume  
PEVTST

Maximum Items  
The maximum number of items to return.

Clear Refresh

Results (1000) :

- ☐ [ZOSMF](#)
- ☐ [ZOSMF.AAA.TEST.BACKUP](#)
- ☐ [ZOSMF.ACS.ROUTINES](#)
- ☐ [ZOSMF.ALWAYSON.JCLLIB](#)
- ☐ [ZOSMF.ALWAYSON.PARMLIB](#)
- ☐ [ZOSMF.ALWAYSON.PROCLIB](#)
- ☐ [ZOSMF.AUTOLINK.PROCLIB](#)
- ☐ [ZOSMF.BBNS001.SECTR.C.PAX](#)
- ☐ [ZOSMF.BLDZMF.V1R13LPP.ZFS](#)
- ☐ [ZOSMF.BLDZMF.V1R13LPP.ZFS.DATA](#)
- ☐ [ZOSMF.BLDZMF.V2R1LPP.ZFS](#)

Results (30) :

- ☐ [ZOSMF.CLAIRE.TEST](#)
- ☐ [ZOSMF.CLAIRE.TEST2](#)
- ☐ [ZOSMF.COMMON.PARMLIB](#)
- ☐ [ZOSMF.DATA.LQ.QSAM](#)
- ☐ [ZOSMF.DATA.LQ.QSAM.EXT](#)
- ☐ [ZOSMF.DATA.LQ.QSAM.OTHERS](#)
- ☐ [ZOSMF.DATA.LQ.QSAM.OTHERS3](#)
- ☐ [ZOSMF.ERIN.I1220](#)
- ☐ [ZOSMF.JINGHUA.JCL](#)
- ☐ [ZOSMF.JINGHUA.REXX](#)
- ☐ [ZOSMF.JINGHUA.SAMPLIB](#)

- Search results are presented as links which can be opened as well.
- Filter can be applied to target the search results more precisely.

# 228766 Dataset Search

Breadcrumb to get back to the search panel.

The screenshot shows a web application window titled "Search". Below the title bar, there is a breadcrumb navigation link "Search" followed by a slash and the dataset name "ZOSMF.ALWAYSON.JCLLIB". A red arrow points from the text "Breadcrumb to get back to the search panel." to this link. Below the breadcrumb, there is a search input field with a magnifying glass icon and the placeholder text "Member pattern search". A red arrow points from the text "Input member pattern to filter members" to this input field. To the right of the input field is a blue button labeled "Go". Below the search field, the text "Members for ZOSMF.ALWAYSON.JCLLIB (14) :" is displayed. Underneath this text is a list of 14 dataset members, each preceded by an unchecked checkbox. The members are: DISPGSP, IZUGSPIF, IZUIPA, IZUMKFS1, IZUMKFS2, IZUMKFS3, IZUMKFS4, IZUSEC, IZUSP2, IZUSP2BK, and RACFUP00. A vertical scrollbar is visible on the right side of the list.

Search / ZOSMF.ALWAYSON.JCLLIB

Member pattern search

Go

Members for ZOSMF.ALWAYSON.JCLLIB (14) :

- ☐ DISPGSP
- ☐ IZUGSPIF
- ☐ IZUIPA
- ☐ IZUMKFS1
- ☐ IZUMKFS2
- ☐ IZUMKFS3
- ☐ IZUMKFS4
- ☐ IZUSEC
- ☐ IZUSP2
- ☐ IZUSP2BK
- ☐ RACFUP00

# 228766 Dataset Search

The image shows two overlapping windows from the ZOSMF interface. The top window is titled 'ZOSMF.ALWAYSON.JCLLIB(IZUMKFS3)' and the bottom window is titled 'ZOSMF.ALWAYSON.JCLLIB(IZUSEC)'. Both windows are in 'Browse mode', as indicated by the red text 'Browse mode, click to enable edit.' and the pencil icon in the top-left corner of each window's title bar. The top window displays JCL code for the dataset IZUMKFS3, including job parameters, a proprietary statement, and a descriptive name. The bottom window displays JCL code for the dataset IZUSEC, including job parameters, a proprietary statement, and a descriptive name. At the bottom of the bottom window, there are three buttons: 'Edit mode.' (in red text), 'Cancel', and 'Save'.

ZOSMF.ALWAYSON.JCLLIB(IZUMKFS3) ? - □ ×

ZOSMF.ALWAYSON.JCLLIB(IZUMKFS3) : Browse mode, click to enable edit.

```
1 //IZUMKFS3 JOB MSGCLASS=H,MSGLEVEL=(1,1),REGION=0M
2 /*JOBPARM SYSAFF=SY3
3 /******
4 /** PROPRIETARY STATEMENT:
5 /** Licensed Materials - Property of IBM
6 /** 5650-ZOS Copyright IBM Corp. 2015
7 /**
8 /** STATUS=HSMA220
9 /**
10 /** DESCRIPTIVE NAME:
11 /** The job IZUMKFS is intended to def
12 /** temporarily mount the z/OSMF user
13 /** configuration settings and persist
14 /** z/OSMF.
15 /**
16 /*******
17 /** You must select a volume for the allo
18 /** IZUMKFS and replace ZMF043 in the fol
19 /** a appropriate volume:VOLUMES(ZMF043)
20 /**
```

ZOSMF.ALWAYSON.JCLLIB(IZUSEC) ? - □ ×

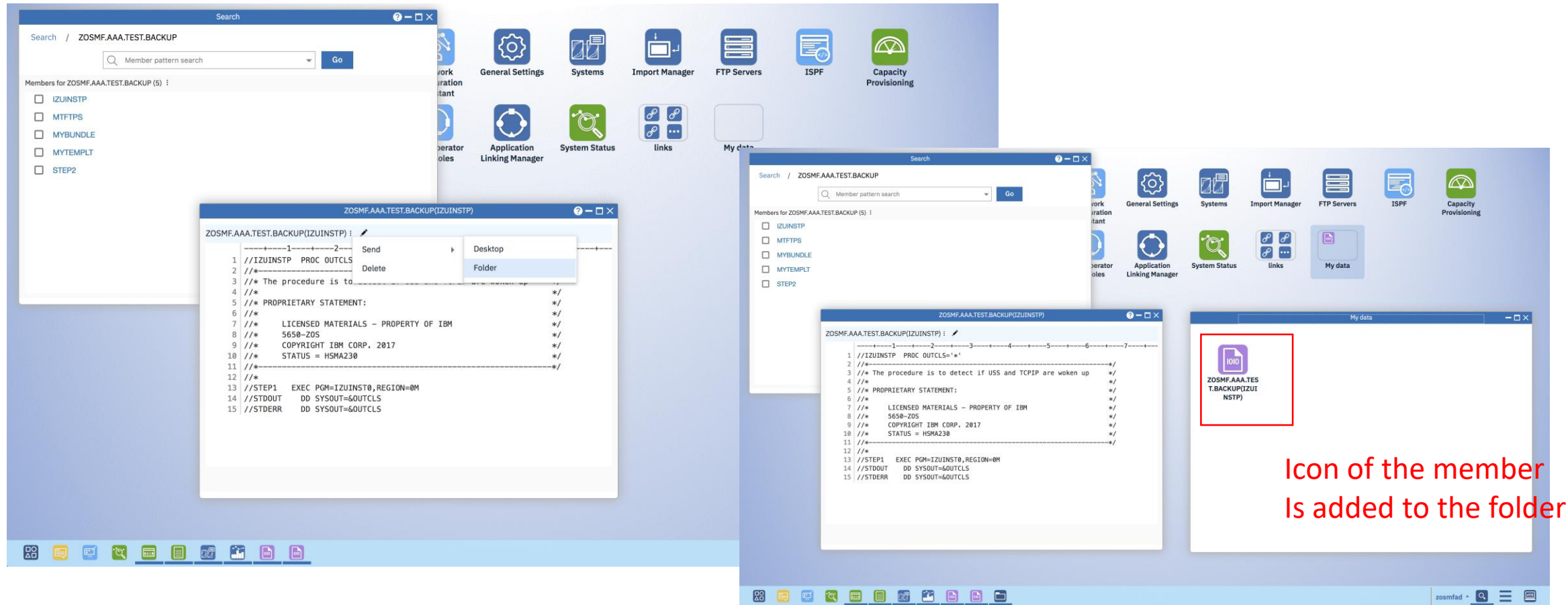
ZOSMF.ALWAYSON.JCLLIB(IZUSEC) :

```
1 //IZUCORE JOB MSGCLASS=H,MSGLEVEL=(1,1),REGION=0M
2 /******
3 /** PROPRIETARY STATEMENT:
4 /** Licensed Materials - Property of IBM
5 /** 5650-ZOS Copyright IBM Corp. 2015, 2017
6 /**
7 /** STATUS=HSMA230
8 /**
9 /** DESCRIPTIVE NAME:
10 /** z/OSMF SERVER default security setup
11 /**
12 /** The JCL contains the security setup for z/OSMF server.
13 /** You can customize this JCL to create a security setup
14 /** for the z/OSMF Server as you wish.
15 /**
16 /**
17 /*******
18 /** Make sure that you run this job from a user with full access
19 /** to your RACF database.
20 /*******
```

Edit mode. Cancel Save

Click on a link will open a member/dataset in browse mode, click the “pencil” icon will enable the edit mode.

# 228766 Dataset Search



Users can send a dataset/member to the desktop/folder for easy access the next time.

# Interactions & Dependencies

- To exploit this item, all systems in the Plex must be at the new z/OS level: No
- Software Dependencies
  - None
- Hardware Dependencies
  - None
- Exploiters
  - z/OSMF Users.

# Installation

- The desktop style user interface is started with Core FMID HSMA240.

# Session Summary

- Delivers a desktop style user interface.
- Delivers a dataset search widget.