z/OS Introduction and Workshop

z/OSMF

Unit objectives

After completing this unit, you should be able to:

- Describe z/OSMF

- Describe purpose of z/OSMF

- List a few z/OSMF services

IBM z/OS Management Facility Programming Guide

Chapter 1. Using the z/OSMF REST services

z/OSMF supports the use of Representational State Transfer (REST) APIs, which are public APIs that your application can use to work with system resources and extract system data. As with implementations of REST services on other platforms, the z/OSMF APIs allow for easy-to-use services that are language- and platform-independent, stateless, scalable, and easily parsed.

```
SDSF STATUS DISPLAY ALL CLASSES                        LINE
COMMAND INPUT ===> █
PREFIX=IZU*  DEST=(ALL)  OWNER=*  SYSNAME=
NP    JOBNAME  JobID     Owner    Max-RC    Prty Queue        C
      IZUANG1  STC03005 IZUSVR              15 EXECUTION
      IZUSVR1  STC03006 IZUSVR              15 EXECUTION
```

```
   Display  Filter  View  Print  Options  Search  Help
--------------------------------------------------------------
SDSF JOB DATA SET DISPLAY - JOB IZUSVR1  (STC03006)    DATA SET DISPLAYED
COMMAND INPUT ===>                                     SCROLL ===> C
PREFIX=IZU*  DEST=(ALL)  OWNER=*  SORT=DSID/A  SYSNAME=
NP    DDNAME   StepName ProcStep DSID Owner   C Dest          Rec-Cnt
      JESMSGLG JES2                 2 IZUSVR   W                    2
      JESJCL   JES2                 3 IZUSVR   W                   92
      JESYSMSG JES2                 4 IZUSVR   W                    2
      STDOUT   IZUSVR1            107 IZUSVR   W                   50
      STDOUT   IZUSVR1            108 IZUSVR   W                    0
      STDERR   IZUSVR1            109 IZUSVR   W                  466
```

ISPF Command Shell

Enter TSO or Workstation commands below:

===> netstat byte

IZUSVR1 0000000000000000000 0000000000000000000 10443 Listen
 Foreign Socket: ::..0

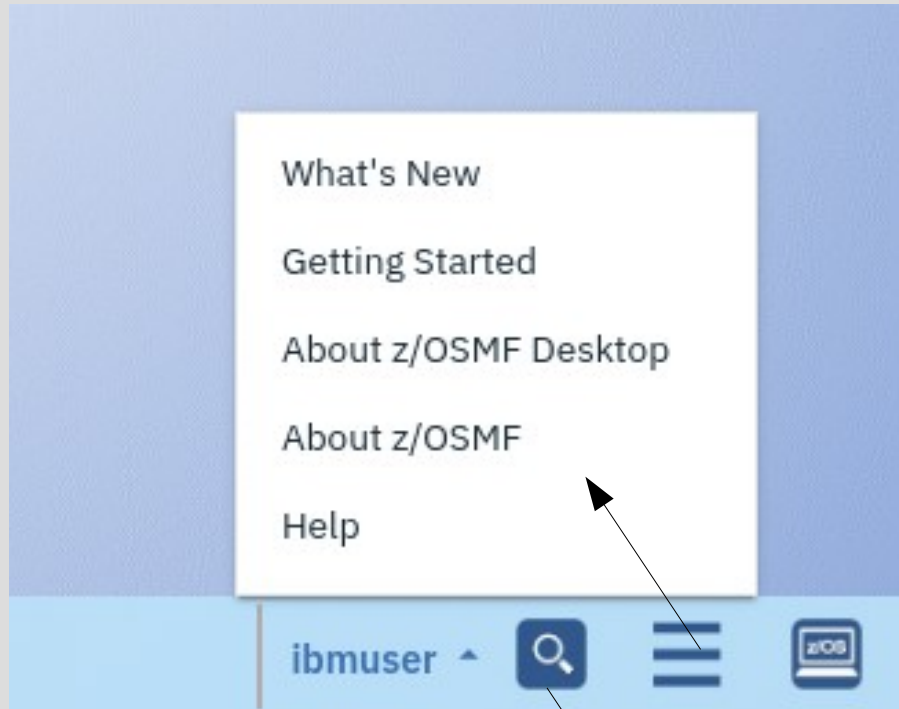| Workflows	Workflow Editor	Notifications	Software Services	Sysplex Management	Notification Settings	Incident Log	Network Configuration Assistant	SDSF	General Settings
Import Manager	FTP Servers	ISPF	Capacity Provisioning	Workload Management	Resource Management	Resource Monitoring	Usage Statistics	SDSF Settings	Software Management
z/OS Operator Consoles	Application Linking Manager	System Status	links						

ibmuser

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Not secure | 192.86.32.67:10443/zosmf/

1 - DB2@PRIM ✕

Menu   Utilities   Compilers   Options   Status   Help

ISPF Primary Option Menu

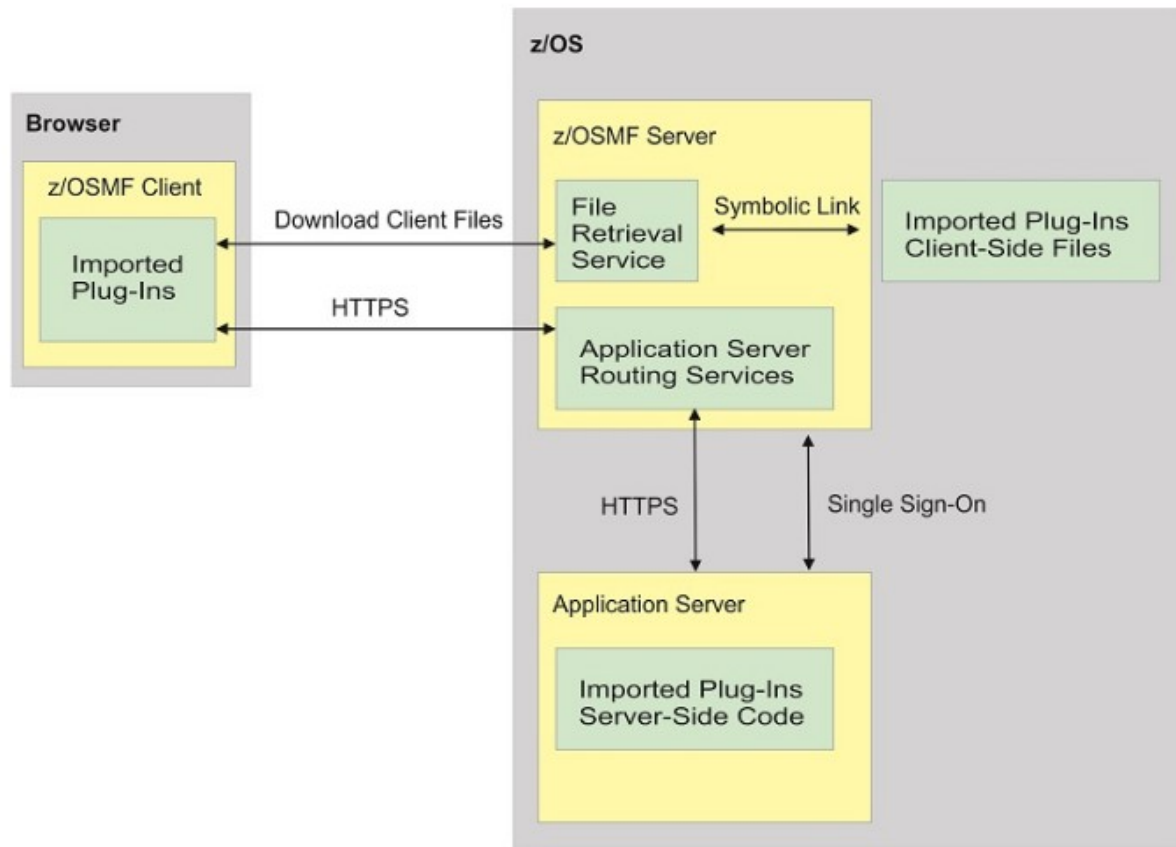Option ===>

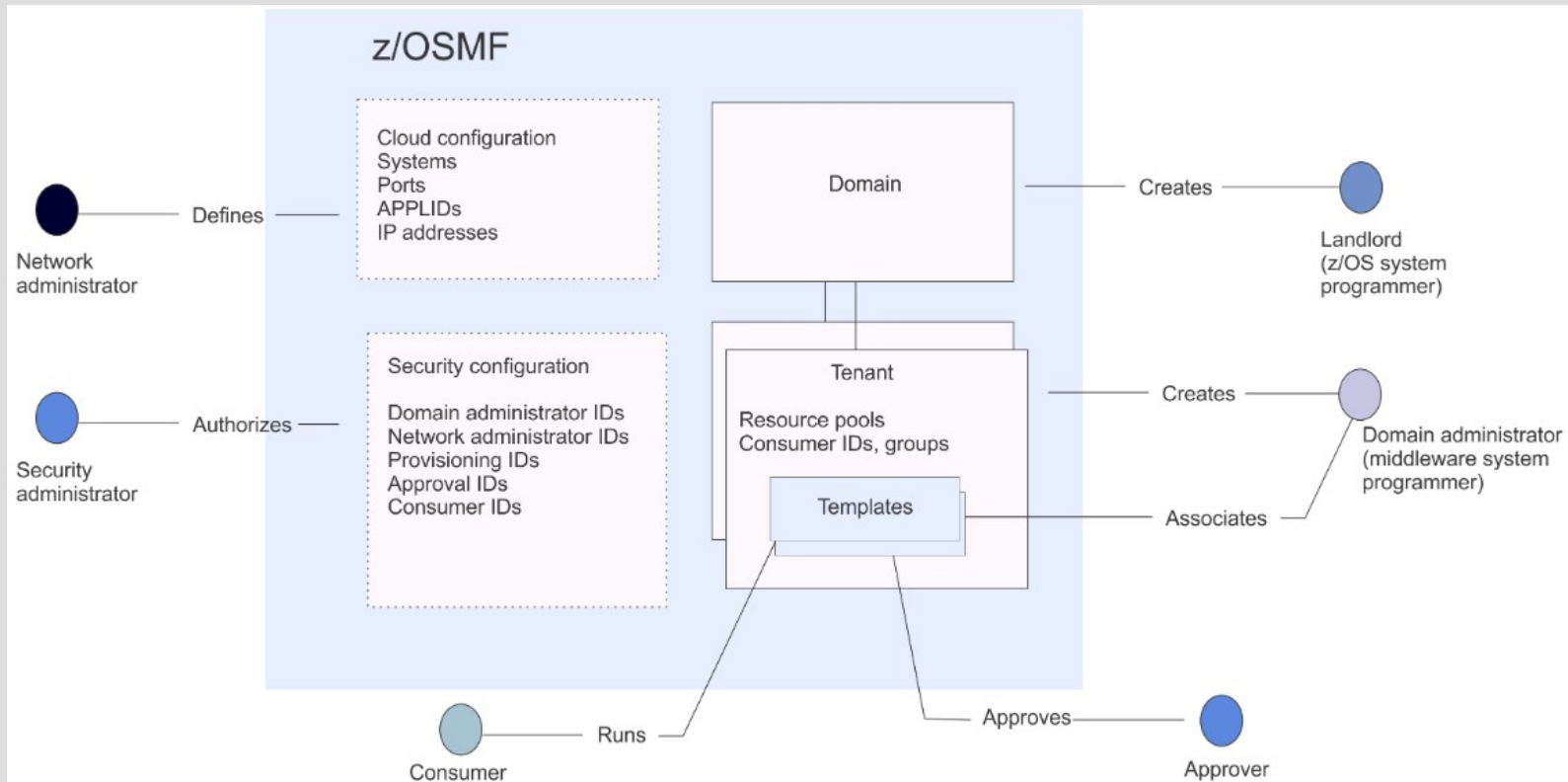|			
0	Settings	Terminal and user parameters	User ID . . : IBMUSER
1	View	Display source data or listings	Time. . . . : 09:35
2	Edit	Create or change source data	Terminal. . : 3290A
3	Utilities	Perform utility functions	Screen. . . : 1
4	Foreground	Interactive language processing	Language. . : ENGLISH
5	Batch	Submit job for language processing	Appl ID . . : ISR
6	Command	Enter TSO or Workstation commands	TSO logon : DBPROCCG
7	Dialog Test	Perform dialog testing	TSO prefix: IBMUSER
8	LM Facility	Library administrator functions	System ID : S0W1
9	IBM Products	IBM program development products	MVS acct. : FB3
10	SCLM	SW Configuration Library Manager	Release . . : ISPF 7.3

Data Set Access

Figure 21. Cloud Provisioning Summary

— IBM z/OS Management Facility

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2 PDFs, 8.05MB total size (uncompressed)

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Unit summary

Having completed this unit, you should be able to:

- Describe z/OSMF

- Describe the purpose of z/OSMF

- List a few z/OSMF services