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z/OS Management Facility Implementation and Use Information

Length: 24.0 Hours
Ref: ESB1G □
Delivery method: Classroom
Price: EUR

Overview

This course is designed to provide you with the skills required to install and customize z/OSMF (Management Facility), and use the functions and features provided by z/OSMF v1.0.

IBM z/OS Management Facility (z/OSMF) is a new product for z/OS that will simplify, optimize and modernize the z/OS system programmer experience.

z/OSMF delivers solutions in a task-oriented, web-browser-based user interface with integrated user assistance.

In this course, we will introduce z/OS Management Facility and its architecture, describe the components that are necessary to run z/OSMF on z/OS.

In this course, you will also learn the installation and customization of z/OS Management Facility, and will customize several system components to exploit the following z/OSMF functions:

- Deployment Manager
- Capacity Provisioning
- Classic (ISPF) Interface
- Incident Log
- Configuration Assistant for the z/OS Communications Server
- Workload Management
- System Status, Resource Monitoring

Public

This basic course is for experienced system programmers and subsystem administrators responsible for installing and implementing z/OSMF in their enterprise.

You must have basic knowledge of z/OS UNIX System Services (USS), and the skills normally required to install a z/OS product using SMP/E and batch jobs to update system data sets.

RACF knowledge is useful, as well as WebSphere for z/OS.

Prerequisites

You should have a good knowledge of:

- z/OS at the level of a z/OS system programmer, acquired on the job or through the z/OS curriculum, including skills required to install and customize z/OS UNIX applications.

If the above prerequisites are not met, then the courses listed in the Curriculum are recommended.

Objective

- Describe the purpose and benefit of z/OS Management Facility
- Describe the functions provided z/OS Management Facility
- Describe the technical overview of z/OSMF features and architecture
- Describe the z/OSMF client and server operating environment
- Describe the systems management tasks and updates with every release
- Indicate list of publications and references
- Describe ordering and installing the z/OSMF software (code)
 - Via ServerPac or SMP/E
- Perform installation and configuration of WebSphere Application Server OEM Edition
- Describe setup and configuration overall process:
 - Configure WebSphere Application Server OEM Edition
 - Configure z/OS prerequisites for plug-ins
 - Configure z/OSMF
- Explain any migration issues or concerns
- Describe the details of each function, updated for each release of z/OSMF
- Understand the detailed examples of how to use the z/OSMF features
- Describe the z/OSMF tasks (and release of z/OS and z/OSMF that was introduced)
- Manage the z/OSMF administration:
 - Adding users, defining roles, new SAF-based authorization
 - Customize Welcome screen, add links

Topics

Day 1

- Welcome
- Unit 1: z/OS Management Facility (z/OSMF): Overview
- Unit 2: z/OS Management Facility (z/OSMF): Implementation and configuration
- Exercise 1 (1/2): WebSphere Application Server OEM Edition configuration and setup

Day 2

- Exercise 1 (2/2): WebSphere Application Server OEM Edition configuration and setup
- Exercise 2: z/OS Management Facility configuration and setup
- Unit 3: z/OS Management Facility (z/OSMF): Usage

Day 3

- Exercise 3: z/OS Management Facility post-configuration and administration
- Exercise 4: z/OS Management Facility exploitation
- Wrap-up