BMC Mainframe: z/OSMF: Introduction and Installation

COURSE ABSTRACT

COURSE CODE

» MGRS-ZOII-2021

APPLICABLE VERSIONS

» Not Applicable

DELIVERY METHOD 🌐

» Instructor-led Training (ILT)

COURSE DURATION 🌐

» 2 Days

PREREQUISITES

» A working knowledge of z/OS together with an understanding of RACF and UNIX System Services.

RECOMMENDED TRAININGS

» NA

Course Overview

The course is developed and delivered by © RSM Technology.

z/OS Management Facility (z/OSMF) is a game-changing innovation from IBM which, if not already in place at your installation, soon will be.

z/OSMF is a product for z/OS that will simplify, optimize and modernize the z/OS system programmer experience. It delivers solutions in a task-oriented, web browser-based user interface with integrated user assistance.

In this course we introduce z/OS Management Facility and its architecture and describe the components that are necessary to run z/OSMF on z/OS. In day two of the course, students will also learn the installation of z/OS Management Facility with realistic, practical exercises that will reinforce what is taught in the theory sessions.

Target Audience

System Programmers and any other personnel who want to understand the architecture and installation needs of z/OSMF.

Learner Objectives

» Describe the purpose and benefits of z/OS Management Facility
» Discuss at an overview level the technical z/OSMF features and architecture
» Describe the z/OSMF client and server operating environment
» List the features and concepts of the WebSphere Liberty Profile and IVP
» List the core tasks of z/OSMF
» Describe the z/OS prerequisites for plug-ins
» Identify the RACF jobs that are used for the installation and configuration of the plug-ins
» Describe the pre-requisites for all the z/OSMF components
» List PARMLIB and PROCLIB parameters for z/OSMF
» Recognise the need for speciality engines, such as ZIIP
» List and discuss the functions provided by z/OS Management Facility which include the following: Capacity Provisioning, Classic (ISPF) Interface, Incident Log, Configuration Assistant for the z/OS Communications Server, Workload Management, Software Management, System Status, Resource Monitoring, SDSF, z/OS Operator Console base function, Desktop interface and Classic interface
» List and discuss a few more following functions provided by z/OS Management Facility:
    » z/OSMF Settings
    » z/OSMF Administration
    » Sysplex management function
    » Working with Workflows task and create workflows
    » Working with the REST APis (jobs, dataset,...)
    » Usage statistics
    » Network ZERT Analyser

For more information about BMC Education Services, visit **www.bmc.com/education**.

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COURSE ACTIVITIES

» Classroom Presentations
» Demonstration

BMC MAINFRAME INFRASTRUCTURE AND PLATFORMS LEARNING PATH

» https://www.bmc.com/education/courses/find-courses.html#filter/%7B%22type%22%3A%22edu-specific-types-159150236%22%7D

ACCREDITATION AND CERTIFICATION PATHS 🌐

» This course is not part of a BMC Certification Path.

DISCOUNT OPTIONS 🌐

» Have multiple students? Contact us to discuss hosting a private class for your organization
» **Contact us for additional information** 🌐

Course Modules

Introduction to z/OS Management Facility

» Purpose and benefits of z/OS Management Facility
» Technical overview of z/OSMF features and architecture
» The z/OSMF client and server operating environment, IZUSVR1 and IZUANG1
» The WebShere Liberty Profile
» Pre-Requisites, CEA,CIM,AXR,USS,Security Products (e.g. RACF),RMF,DDS

Installation Requirements

» RACF jobs
» PARMLIB settings
» PROCLIB parameters
» AUTOSTART
» HFS datasets
» directories and files
» CEA
» CIM
» AXR
» DDS
» IVP
» Dump datasets

» Logstream datasets,LOGGER,DAE,RMF and Health Checker

z/OSMF Core Tasks

» Welcome task
» Notifications and Notification Settings tasks
» Workflows task
» Workflow Editor task
» Application Linking Manager task
» Import Manager task
» Links task
» FTP Servers task
» Resource Management task
» Software Services task
» Sysplex Management task
» Systems task
» Usage Statistics task
» z/OS Operator Consoles task
» The z/OSMF online help system

z/OMSF Plug-ins

» Capacity Provisioning
» Network Configuration Assistant
» Incident Log
» ISPF

» Resource Monitoring
» Software Management
» Sysplex Management
» Workload Management
» Network ZERT Analyzer

Logging onto z/OSMF

» Classic Interface
» Desktop Interface

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