Enterprise Computing Solutions - Education Services

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IBM MQ V8 System Administration for z/OS

CODE:	LENGTH:	PRICE:
WM302G	32 Hours (4 dage)	kr 23,280.00

Description

This course provides the skills that are necessary to configure and manage an IBM MQ V8 queue manager on z/OS. Through lectures and hands-on lab exercises, you learn how to install, customize, operate, and administer IBM MQ V8. The course covers configuring a z/OS queue manager, setting up distributed queuing, IBM MQ clustering, IBM MQ on z/OS recovery and restart, security, and performance considerations. It also covers day-to-day administration and problem recovery. The hands-on lab exercises give you direct experience with IBM MQ V8 tasks such as defining and monitoring channels, configuring IBM MQ clusters, and problem determination activities.

Objectives

- Describe message-oriented middleware and the capabilities it must provide
- Identify the key components of IBM MQ for z/OS
- Summarize the responsibilities of the IBM MQ administrator
- Configure IBM MQ IBM V8 for z/OS
- Enable IBM MQ for z/OS eight-byte RBA and buffers above 2 GB
- Demonstrate how to create and change queues and place and retrieve messages from a queue
- Define and demonstrate how to set up and work with distributed queuing
- Differentiate between an IBM MQ queue manager and an IBM MQ client
- Describe and demonstrate how to set up an IBM MQ cluster
- Contrast point-to-point and publish/subscribe messaging styles
- Describe shared queues and queue sharing groups
- Summarize IBM MQ for z/OS recovery and restart activities
- Demonstrate how to use IBM MQ events for monitoring
- Summarize performance considerations
- Describe security considerations for IBM MQ for z/OS
- Describe and implement connection authentication and channel authentication
- Identify correct problem determination techniques for IBM MQ for z/OS
- Summarize basic use and configuration of IBM MQ Managed File Transfer
- Describe IBM MQ support for CICS and IMS interfaces

Audience

This intermediate course is designed for technical support personnel who implement, operate, and perform day-to-day administration of IBM MQ V8 on z/OS.

Prerequisites

You should have:

- Basic knowledge of IBM MQ V8 concepts, obtained through experience **or** by successfully completing course Technical Introduction to IBM MQ (WM103G)
- Working proficiency with the z/OS platform, obtained through experience **or** by successfully completing course Fundamental System Skills in z/OS (ES10G)

Knowledge of TCP/IP is also helpful.

Programme

- Course introduction
- IBM MQ review
- IBM MQ architecture, installation, and configuration
- Exercise: Configuring an IBM MQ for z/OS queue manager
- IBM MQ for z/OS administrative interface options
- Exercise: Working with queues
- Distributed queuing
- Exercise: Working with channels
- IBM MQ clients
- Exercise: Working with IBM MQ clients
- IBM MQ cluster basics
- Exercise: Working with IBM MQ clusters
- Publish/subscribe basics
- Exercise: Publish/subscribe basics
- Queue sharing groups
- Using IBM MQ events and the dead-letter queue utility
- Exercise: Working with IBM MQ events
- Security considerations
- Exercise: Security
- Problem determination
- IBM MQ Managed File Transfer
- Exercise: IBM MQ Managed File Transfer configuration for z/OS
- IBM MQ for z/OS backup, recovery, and related file tasks
- Exercise: Working with file handling utilities
- Support for CICS, IMS, and HTTP applications
- Course summary

Session Dates

På anmodning. Kontakt os venligst

Yderligere Information

Denne træning er også tilgængelig som træning på stedet. Kontakt os for at finde ud af mere.