

MQSeries Technical Bootcamp

Course Summary

Description

This course is designed to provide a clear and comprehensive tour of MQSeries. All the major components of MQSeries will be covered in detail through lecture, discussion and hands-on lab sessions. Additionally, the course will closely examine the concepts of messaging and asynchronous processing, which are critical to the successful implementation of MQSeries. Discussions of administration, planning and security will round out the course and the student will leave with a thorough and practical knowledge of MQSeries.

Topics

- Introduction to MQSeries
- Configuring a local queue manager
- Introduction to the MQI
- Triggering
- Distributed queuing
- Recovering connections
- Queue manager aliasing and channel automation
- MQI clients
- Queue manager clustering
- System administration
- Recovery and restart
- SupportPacs, exits, and installable services
- Security
- Optional materials

Audience

This course is intended for systems personnel.

Prerequisites

There are no prerequisites for this course.

Duration

Five days

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Course Outline

- I. Introduction to MQSeries**
 - A. Benefits, facilities and functions
 - B. MQSeries family
- II. Configuring a Local Queue Manager**
 - A. Messages and queue managers
 - B. Queues, channels and processes
 - C. Commands
- III. Introduction to the MQI**
- IV. Triggering**
 - A. Trigger attributes
 - B. Process definitions
 - C. Trigger monitor
 - D. Trigger messages
- V. Distributed Queuing**
 - A. Remote queue definitions
 - B. Transmission queues
 - C. Channels
 - D. Listener
- VI. Recovering Connections**
- VII. Queue Manager Aliasing and Channel Automation**
 - A. Queue manager aliases
 - B. Transmission queue triggers
 - C. Channel initiator
- VIII. MQI Clients**
 - A. MQI channels
 - B. Repositories
 - C. Commands
- IX. Queue Manager Clustering**
 - A. Channel definition
 - B. Repositories
 - C. Commands
- X. System Administration**
- XI. Recovery and Restart**
- XI. SupportPacs, Exits, and Installable Services**
 - A. Extending the range of MQSeries
 - B. Availability
- XII. Security**
 - A. Object authority manager
 - B. Message context
- XIII. Optional Materials**
 - A. Publish and subscribe
 - B. Web administration
 - C. System administration interfaces

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