

WebSphere MQ Problem Determination and Debugging Course Summary

Description

This course is designed to provide WMQ system administrators or system programmers with prior WMQ knowledge in-depth problem determination skills. It will go over techniques to debug WMQ system and application problems. It will show the tools that are available and opportunity to use them.

Topics

- WMQ Review
- General Problem Determination Techniques
- Tools and Information Sources
- Communication Area
- Application Problems
- System Problems
- Data and Transaction Interfaces
- Security
- Review Questions
- Hands-on Exercises

Audience

This course is designed for WMQ System Administrators and Application Support Professionals.

Prerequisites

Students must have some experience with WMQ.

Duration

Three days

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Course Outline

- I. IBM WMQ Review**
 - A. WMQ for ESB and SOA
 - B. Message Structure
 - C. Queue Manager
 - D. Queue
 - E. Other MQ objects
 - F. Quiz 1

- II. Problem Determination**
 - A. Obtaining Information
 - B. Pin point causes
 - C. End-to-end approach
 - D. Quiz 2

- III. Application Interface Overview**
 - A. MQI Review
 - B. Application Problems Isolation
 - C. Application and System Interface
 - D. Data Problems
 - E. Transaction
 - F. Exercise 1 & 2

- IV. Distributed Communication**
 - A. Remote Objects
 - B. Monitor
 - C. Restart
 - D. Exercise 3

- V. Security**
 - A. Access Problem
 - B. Security Interfaces
 - C. Firewall
 - D. Application
 - E. End-to-end

- VI. Common MQ Problems**
 - A. Backup System Objects
 - B. Prevention Methodology
 - C. Conclusion