IBM MQ V9.1 System Administration

Duration: 5 Days   Course Code: WM156G

Overview:

This course teaches you how to customize, operate, administer, and monitor IBM MQ on-premises on distributed operating systems. The course covers configuration, day-to-day administration, problem recovery, security management, and performance monitoring. In addition to the instructor-led lectures, the hands-on exercises provide practical experience with distributed queuing, working with MQ clients, and implementing clusters, publish/subscribe messaging. You also learn how to implement authorization, authentication, and encryption, and you learn how to monitor performance.
Note: This course does not cover any of the features of MQ for z/OS or MQ for IBM i.

Target Audience:

This course is designed for technical professionals who require the skills to administer IBM MQ.

Objectives:

- After completing this course, you should be able to:

- Describe the IBM MQ deployment options

- Create and manage queue managers, queues, and channels

- Use the IBM MQ sample programs and utilities to test the IBM MQ network

- Configure distributed queuing

- Configure MQ client connections to a queue manager

- Define and administer a queue manager cluster

- Administer Java Message Service (JMS) in MQ

- Implement basic queue manager restart and recovery procedures

- Use IBM MQ troubleshooting tools to identify the cause of a problem in the IBM MQ network

- Manage IBM MQ security

- Monitor the activities and performance of an IBM MQ system

Prerequisites:

- Basic knowledge of IBM MQ concepts and features
- Some knowledge of TCP/IP configuration
- Basic experience with Windows 2016 system administration

Content:

Introducing IBM MQ	Exercise: Implementing a basic cluster	Diagnosing problems
Exercise: Getting started with IBM MQ	Publish/subscribe messaging	Exercise: Running an IBM MQ trace
Working with IBM MQ administration tools	Exercise: Configuring publish/subscribe message queuing	Backing up and restoring IBM MQ messages and object definitions
Exercise: Working with IBM MQ administration tools	Implementing basic security in IBM MQ	Exercise: Using a media image to restore a queue
Configuring distributed queuing	Exercise: Controlling access to IBM MQ	Exercise: Backing up and restoring IBM MQ object definitions
Exercise: Implementing distributed queuing	Securing IBM MQ channels with TLS	High availability
Managing clients and client connections	Exercise: Securing channels with TLS	Monitoring and configuring IBM MQ for performance
Exercise: Connecting an IBM MQ client	Authenticating channels and connections	Exercise: Monitoring IBM MQ for performance
Advanced IBM MQ client features	Exercise: Implementing connection authentication	Exercise: Monitoring resources with the IBM MQ Console
Working with queue manager clusters	Supporting JMS with IBM MQ	

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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