

IBM MQ V9.1 System Administration (using Windows for labs)

Code:	WM156G
Length:	5 days
URL:	View Online

This course is also available as self-paced virtual (e-learning) course *IBM MQ V9.1 System Administration (ZM156G)*. This option does not require any travel.

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.

Skills Gained

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

Who Can Benefit

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

Prerequisites

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

Course Details

Course Outline

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

Schedule (as of 2)

Date	Location		
Jun 7, 2021 – Jun 11, 2021	iMVP	GTR	Enroll
Jul 26, 2021 – Jul 30, 2021	iMVP		Enroll

Download Whitepaper: Accelerate Your Modernization Efforts with a Cloud-Native Strategy

Get Your Free Copy Now

ExitCertified® Corporation and iMVP® are registered trademarks of ExitCertified ULC and ExitCertified Corporation and Tech Data Corporation, respectively
Copyright ©2021 Tech Data Corporation and ExitCertified ULC & ExitCertified Corporation.
All Rights Reserved.

Generated 5