IBM MQ V9 Advanced System Administration (Distributed)

Course code: WM213G

This course is also available as self-paced virtual (e-learning) course IBM MQ V9 Advanced System Administration (Distributed) (ZM213G). This option does not require any travel.This course expands the basic skill sets that are developed in courses WM103/ZM103, Technical Introduction to IBM MQ, and WM153/ZM153, IBM MQ V9 System Administration (using Windows for labs) or WM154, IBM MQ V9 System Administration (using Linux for labs).The course focuses on advanced features of IBM MQ, such as implementing workload management by using a queue manager cluster, and authenticating connections, channels, and users. It also covers securing channels with Transport Layer Security (TLS), advanced client connection features, event and message monitoring, and publish/subscribe administration.In addition to the instructor-led lectures, you participate in hands-on lab exercises that reinforce lecture content. The lab exercises give you practical experience with tasks such as implementing security, configuring workload management for a queue manager cluster, and advanced troubleshooting techniques.Completing this course can also help you prepare for the appropriate IBM MQ Administrator certifications.

Affiliate	Duration	Course price	ITB
Praha	4	49 300 Kč	0
Brno	4	49 300 Kč	0
Bratislava	4	1 980 €	0

The prices are without VAT.

Course terms

Date	Duration	Course price	Type	Course language	Location

The prices are without VAT.

Who is the course for

This advanced skills course is designed for technical professionals who require advanced administrator skills for IBM MQ on distributed operating systems, or who provide support to others who administer IBM MQ.

What we teach you

Use conversation sharing, read-ahead, and asynchronous put to improve the performance of MQI client connections

Use Transport Layer Security (TLS) to secure TCP/IP channels

Authenticate IBM MQ channels, connections, and users

Manage the workload in an IBM MQ queue manager cluster

Implement IBM MQ high availability

Monitor application activity, events, and messages

Use the IBM MQ dead-letter queue message handler to manage a dead-letter queue

Administer distributed publish/subscribe networks

Use the IBM MQ Console to administer IBM MQ objects and resource usage

Administer Java Message Service (JMS) in MQ

Required skills

Before taking this course, you should possess the skills that are required to complete basic IBM MQ system administration tasks in a distributed environment. You can obtain these skills through practical experience or by successfully completing one of the IBM MQ V9 system administration courses for distributed operating systems:

IBM MQ V9 System Administration (using Windows for labs) (WM153G)

GOPAS

IBM MQ V9 System Administration (using Windows for labs) (ZM153G)

IBM MQ V9 System Administration (using Linux for labs) (WM154G)

Course outline

Course introduction Managing clients and client connections Securing IBM MQ channels with TLS Exercise: Securing channels with TLS Authenticating channels and connections Exercise: Implementing connection authentication Implementing workload management in an IBM MQ cluster Exercise: Implementing workload management in a cluster More troubleshooting tools and techniques Exercise: Tracing message routes Exercise: Handling messages on the dead-letter queue High availability Introduction to distributed publish/subscribe Exercise: Configuring distributed publish/subscribe Supporting JMS with IBM MQ Introduction to the IBM MQ Console Exercise: Getting started with the IBM MQ Console Course summary.