

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.

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)

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

GOPAS Praha

Kodaňská 1441/46
101 00 Praha 10
Tel.: +420 234 064 900-3
info@gopas.cz

GOPAS Brno

Nové sady 996/25
602 00 Brno
Tel.: +420 542 422 111
info@gopas.cz

GOPAS Bratislava

Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 248 282 701-2
info@gopas.sk



Copyright © 2020 GOPAS, a.s.,
All rights reserved

IBM MQ V9 Advanced System Administration (Distributed)

publish/subscribe Supporting JMS with IBM MQ Introduction to the IBM MQ Console Exercise: Getting started with the IBM MQ Console Course summary.

GOPAS Praha
Kodaňská 1441/46
101 00 Praha 10
Tel.: +420 234 064 900-3
info@gopas.cz

GOPAS Brno
Nové sady 996/25
602 00 Brno
Tel.: +420 542 422 111
info@gopas.cz

GOPAS Bratislava
Dr. Vladimíra Clementisa 10
Bratislava, 821 02
Tel.: +421 248 282 701-2
info@gopas.sk



Copyright © 2020 GOPAS, a.s.,
All rights reserved