



Enterprise Computing Solutions - Education Services

NABÍDKA ŠKOLENÍ

Prosím kontaktujte nás zde

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IBM MQ V9.1 System Administration

Kód: ZM156G **DÉLKA:** 40 Hours **CENA:** Kč bez DPH 49,000.00

Description

This self-paced course with hands-on exercises is also available as classroom course *IBM MQ V9.1 System Administration* (WM156G).

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 recorded 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.

Cíle

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

Exercises

- Exercise 1: Getting started with IBM MQ
- Exercise 2: Working with IBM MQ administration tools
- Exercise 3: Implementing distributed queuing
- Exercise 4: Connecting an IBM MQ client
- Exercise 5: Implementing a basic cluster
- Exercise 6: Configuring publish/subscribe message queuing
- Exercise 7: Controlling access to IBM MQ
- Exercise 8: Securing channels with TLS
- Exercise 9: Implementing connection
- Exercise 10: Running an IBM MQ trace
- Exercise 11: Using a media image to restore a queue
- Exercise 12: Backing up and restoring IBM MQ object definitions
- Exercise 13: Monitoring IBM MQ for performance
- Exercise 14: Monitoring resources with the IBM MQ Console

Určeno pro

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

Vstupní znalosti

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

Program

- 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

Termíny školení

Datum	Místo konání	Časové pásmo	Jazyk	Typ	Garance termínu	CENA
23 Nov 2024			English	Self Paced Training		Kč bez DPH 36,700.00

Dodatečné informace

Školení je možné zajistit na míru. [Kontaktujte nás pro bližší informace.](#)