Course : IBM MQ V9 System Administration (using Linux for labs)

Install and manage WebSphere MQ in a Linux environment

Practical course - 4d - 28h00 - Ref. IB9
Price : 3540 € E.T.

Nouvelle édition

With this training, you'll have the skills you need to administer IBM MQ queue managers on distributed operating systems and in the cloud. Practical exercises use IBM MQ V9.0, giving you hands-on experience of tasks such as managing queue recovery, implementing security and identifying problems.

🎯 Teaching objectives

At the end of the training, the participant will be able to:

- ✓ Describe IBM MQ deployment options
- ✓ Plan the implementation of IBM MQ on site or in the cloud
- ✓ Use IBM MQ Commands to create and manage queue managers, queues and channels
- ✓ Use IBM MQ Explorer to create and manage queue managers, queues and channels
- ✓ Use IBM MQ sample programs and utilities to test the IBM MQ network
- ✓ Allow a queue manager to exchange messages with another queue manager
- ✓ Configure client connections to a queue manager
- ✓ Launch a message processing application using trigger messages and trigger monitors
- ✓ 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
- ✓ Plan and implement IBM MQ's basic security functions
- ✓ Use accounting and statistics messages to monitor the activities of an IBM MQ system
- ✓ Define and administer a simple queue manager cluster

PARTICIPANTS
Technical professionals who need skills to administer IBM MQ queue managers on distributed operating systems, in the cloud or on the IBM MQ Appliance.

PREREQUISITES
Basic knowledge of IBM MQ V9 concepts and functionalities. Ability to invoke standard operating system functions. Basic knowledge of TCP/IP configuration.

TRAINER QUALIFICATIONS
The experts who lead the training courses are specialists in the subjects covered. They are approved by the publisher and certified for the course. They have also been validated by our teaching teams in terms of both professional knowledge and teaching skills for each course they teach. They have at least three to ten years of experience in their field and hold or have held positions of responsibility in companies.

Intended audience

Technical professionals who need skills to administer IBM MQ queue managers on distributed operating systems, in the cloud or on the IBM MQ Appliance.

Prerequisites

Basic knowledge of IBM MQ V9 concepts and functionalities. Ability to invoke standard operating system functions. Basic knowledge of TCP/IP configuration.

Certification

Official course without certification.
Comment passer votre examen ?

Practical details

Teaching methods
Training in French. Official course material in digital format and in English. Good understanding of written English.

Course schedule

(1) **Module 1: Overview of IBM WebSphere MQ**

(2) **Module 2: IBM MQ installation and deployment options**

(3) **Module 3: Creating a queue manager**

Hands-on work
Use commands to create a queue manager and queues.

(4) **Module 4: Introducing IBM MQ Explorer**

Hands-on work
Use IBM MQ Explorer to create queue managers and queues.

(5) **Module 5: Testing IBM MQ implementation**

Hands-on work
Use sample IBM MQ programs to test configuration.

(6) **Module 6: Implementing distributed queues**

Hands-on work
Queue manager connection.

(7) **Module 7: Using the MQ client**

Hands-on work
IBM MQ client connection.

(8) **Module 8: Implementing triggering**

Hands-on work
Implementation of a trigger monitor.

(9) **Module 9: Diagnosing problems**

Hands-on work
Execute an IBM MQ trace.

(10) **Module 10: Implementing basic security in IBM MQ**

Hands-on work
Control access to IBM MQ.

(11) **Module 11: Backing up and restoring IBM MQ object definitions**

Hands-on work
Utilisation d'une image multimédia pour restaurer une file d'attente.
Sauvegarde et restauration de définitions d'objets IBM MQ.

(12) **Module 12: Introduction to queue clusters**

Hands-on work
Implementation of a basic cluster.

(13) **Module 13: Monitoring and configuring IBM MQ for performance**

Hands-on work
IBM MQ performance monitoring.

Dates and locations

REMOTE CLASS
2026 : 9 June, 24 Nov.

PARIS LA DÉFENSE
2026 : 9 June, 24 Nov.