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## IBM MQ Administration I

**Duration: 2 Days**    **Course Code: WM161G**

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### Overview:

This course teaches you how to customize, operate, and administer IBM MQ. The course covers architecture, configuration, and day-to-day 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 creating an MQ network, managing client connections, configuring clusters, and more. You also learn how to handle undeliverable messages, create trigger actions based on events, and balance client workloads.

### Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

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### Target Audience:

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

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### Objectives:

- After this course participants should be able to:
  - Describe the IBM MQ deployment options
  - Create and manage queue managers, queues, and channels
  - Create a network of queue managers
  - Test an IBM MQ network with the IBM MQ sample programs and utilities
  - Configure MQ client connections to a queue manager
  - Define and administer a queue manager cluster
  - Handle undeliverable messages
  - Use a trigger message and a trigger monitor to start an application
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### Prerequisites:

- Basic knowledge of IBM MQ concepts and features
  - Some knowledge of TCP/IP configuration
  - Basic experience with Linux system administration
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### Follow-on-Courses:

- WM213G IBM MQ V9 Advanced System Administration (Distributed)
  - WM253G Designing, Implementing, and Managing IBM MQ V9 Clusters
  - WM400G webMethods Integration SaaS Core
  - WM450G webMethods API Management Core
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## Content:

- Unit 1. IBM MQ Review
- Exercise 1. Verifying your lab environment
- Unit 2. Working with IBM MQ administration tools
- Exercise 2. Working with IBM MQ administration tools
- Unit 3. Connecting queue managers
- Exercise 3. Connecting queue managers
- Unit 4. Managing clients and client connections
- Exercise 4. Connecting an IBM MQ client
- Unit 5. Working with MQ clusters
- Exercise 5. Implementing clusters
- Unit 6. Working with trigger messages and monitors
- Exercise 6. Working with trigger messages and monitors
- Unit 7. Handling messages
- Exercise 7. Handling messages on the dead-letter queue

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## Additional Information:

Official course book provided to participants

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## Further Information:

For More information, or to book your course, please call us on Head Office Tel.: +974 40316639

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