

## Technical Introduction to IBM MQ

**Duration: 1 Day**    **Course Code: WM103G**    **Delivery Method: Virtual Learning**

### Overview:

In this course, you learn about IBM MQ V9 basic components and the path that messages follow when they are exchanged between applications. You also learn how IBM MQ administrative responsibilities can include the management of topic-based publish/subscribe messaging, managed file transfer, and deployments to the cloud. Topics include an overview of the support that IBM MQ provides for security, publish/subscribe, high availability, administration, logging, auditing, managed file transfer, MQTT, and cloud options.

### 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.

### Target Audience:

This basic course is designed for system administrators, system architects, application developers, quality assurance specialists, and technical sales and marketing professionals.

### Objectives:

- After completing this course, participants should be able to:
- Summarize current business drivers and the need for flexibility
- Describe enterprise messaging and the capabilities it must provide
- Identify the main ways that IBM MQ can impact application design
- Describe the basic components of IBM MQ
- Differentiate between point-to-point and IBM MQ cluster connectivity
- Summarize queue manager and queue manager components administrative tasks
- Contrast the architectural role of IBM MQ clusters and multiple instance queue managers
- Describe the security provisions of IBM MQ and IBM MQ Advanced Message Security
- Describe how IBM MQ is used as part of the communications infrastructure to:
- Connect application environments, such as the World Wide Web, enterprise transaction systems, and database systems
- Manage the distribution of publisher information to appropriate subscribers
- Provide file transfer management with IBM MQ Managed File Transfer
- Serve as a JMS provider
- Interface with WebSphere Application Server
- Store in-flight messages for IBM Integration Bus
- Interact with z/OS applications
- Facilitate connectivity to mobile environments with IBM MQ Telemetry
- Describe the options for deployment to the Cloud

### Prerequisites:

You should have skills and experience in one or more of the following specific areas:

- Communications and networking protocols
  - System and network management
  - Application development
  - Transaction processing
  - Client/server solutions
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#### Follow-on-Courses:

- WM157G Fundamentals of IBM MQ
  - WM156G IBM MQ V9.1 System Administration (using Windows for labs)
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#### Content:

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|---|---|--|
| ■ Course introduction                                     | ■ System administration overview                        | ■ Introduction to the IBM MQ Appliance         |
| ■ IBM MQ overview   | ■ Security overview                                     | ■ Expanding the scope of IBM MQ Course summary |
| ■ IBM MQ basics   | ■ Introduction to IBM MQ Managed File Transfer          |  |
| ■ Messaging styles, topologies, and architecture overview | ■ Introduction to IBM MQ Telemetry and IBM MessageSight |  |
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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 00 20 (0) 2 2269 1982 or 16142

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