

## **Technical Introduction to IBM MQ (WM102)**

**Modality:** Virtual Classroom

**Duration:** 1 Day

### **About this Course:**

This course is specifically designed for the entry-level System Administrators and covers the key concepts of IBM MQ V8 Component and its Features. This course sheds light on the critical IBM MQ features important for business users and architects. Professionals get to learn about the messages' trajectory within a server exchange and the course focuses on IBM MQ's wide array of administrative responsibilities.

Through this course, candidates will get to know about Point-to-Point Messaging Styles and Subscribe/Publish, File Transfer Management, Cloud Deployments, and core architectural practices. In addition to this, professionals will get to build familiarity with the real-time production ecosystem and will get a conceptual understanding of Key Security Principles, Auditing, Logging, Clusters, and other Administrative Features.

### **Course Objectives:**

The core objective of this course is to help professionals develop a better understanding and sound knowledge of the following key concepts:

- Identification of Best Drivers for Business and their Flexibility Needs
- Features & Capabilities of Message-Oriented Middleware (MOM)
- IBM MQ V8 Application Designing and Main Components
- Difference between the Subscribe/Publish & Point-to-Point Messaging Styles
- Tasks Performed for the Management of a Queue Management System and its Components
- Conceptual Understanding of Basic Message Queuing Interface
- IBM MQ V8 Clusters & Multiple Instance Queue Manager Architectural Role Key Differences
- IBM MQ V8 Security Provisions and its Application in Communication Infrastructure
- Publisher Information Distribution Management
- Enhanced Web Services Development & Managing File Transfers
- IBM MQ V8 Applications as an ESB Base and JMS Provider Interface
- z/OS Applications Integration with the IBM Integration Bus
- Connect Management and Connectivity Facilitation in Mobile Ecosystems
- Conceptual Understanding of Cloud Deployment Technologies

### **Audience:**

This course is specifically tailored for the following group of professionals and interested candidates:

- Architects & Application Developers
- Technical Professionals
- Quality Assurance Professionals

- Candidates striving to Learn IBM MQ V8 Administration
- Business Users Interfacing with IBM MQ V8

## **Prerequisites:**

There are no prerequisites for the Technical Introduction to IBM MQ (WM102) course.

## **Course Outline:**

- Course introduction
- IBM MQ review
- IBM MQ V8 basics
- Messaging styles, topologies, and architecture topics
- System administration
- Security
- IBM MQ Managed File Transfer
- IBM MQ Telemetry
- Linking, bridging, and the IBM MQ family
- Course summary