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Fundamentals of IBM MQ

Duration: 1 Day   Course Code: WM157G   Delivery Method: Virtual Learning

Overview:

This course begins with a review of IBM MQ features and components. Installation options and methods are discussed. You learn the role of the administrator and the tools provided to perform administrative techniques. You learn how queues and queue managers work, the types of queues, and how they are used in the MQ environment. You are introduced to the communication between queue managers and an application and a queue manager.

MQ has many features, functions, and options. In this introduction to solution architects, a few of these are discussed. Among the select key features architects are introduced to include distributed queuing, handling undeliverable messages, how publishing and subscriptions work in MQ, and development options for creating custom application that connect to IBM MQ.

Through hands-on exercises, you become familiar with IBM MQ. You learn to install IBM MQ, create a queue manager and queue, and test messaging. You are introduced to the IBM MQ administration tools to create and manage queue managers, queues, and work with messages. You learn to work with MQ script commands and command files.

This course is a subset of the 5-day course: IBM MQ V9.1 System Administration (ZM156). Developers who need in-depth training with IBM MQ should take ZM156.Â

Note: This course does not cover any of the features of MQ for z/OS or MQ for IBM i.

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 course is designed for solution architects.

Objectives:

- 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

- Describe distributed queuing

- Understand MQ client connections to a queue manager

- Understand JMS and REST development options in MQ

Prerequisites:

- Basic knowledge of IBM MQ V9 concepts and features, obtained either through experience or by successfully completing Technical Introduction to IBM MQ (WM103G-ZM103G)
- Ability to invoke standard functions within the operating system that is used in the lab exercises
- Some knowledge of TCP/IP configuration

Follow-on-Courses:

WM156G IBM MQ V9.1 System Administration (using Windows for labs)

Content:

- Course introduction
- Unit 1. Introducing IBM MQ
- Exercise 1. Getting started with IBM MQ

- Unit 2. Working with IBM MQ administration tools
- Exercise 2. Working with IBM MQ administration tools
- Unit 3. Key features of IBM MQ

- Course summary

Additional Information:

Official course book provided to participants

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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