

Technical Introduction to IBM WebSphere MQ

Overview

Course code	WM100GB	Delivery type	Classroom (Hands-on labs)
Duration	1.0 days	Course type	Public or Private on-site

WebSphere/SOA/XML Certification Train and Certify Promotion

Within six (6) months of completing this course or when the certification test expires, whichever comes first, you will be able to take the aligning certification test free of charge. The test is valued at \$200 USD in developed countries and \$100 in the emerging market countries. For complete promotion details, visit <http://www-03.ibm.com/certify/news/20080116.shtml>

For test retirement information, please refer to <http://www.ibm.com/certify/certs/index.shtml>. From the Software column, select the desired brand/technology, and refer to the retirement information on top of the next Web page.

This one-day instructor-led course is a technical overview of IBM WebSphere MQ. This course provides students with a conceptual understanding of messaging and queuing as implemented by IBM WebSphere MQ.

IBM WebSphere MQ delivers reliable application integration for applications and Web services, allowing customers to fully leverage their existing software and hardware investments. Through a series of lectures, students learn how IBM WebSphere MQ provides a messaging backbone for deploying an enterprise service bus (ESB) as the connectivity layer of a service-oriented architecture (SOA).

Students also learn how IBM WebSphere MQ responsibilities can include the management of topic-based publish/subscription information with the adoption of Version 7.

Audience

This course is designed for system administrators, application developers, and technical sales and marketing professionals.

Pre-requisites

Before taking this course, students should have technical experience working with software.

Objective

- Compare IBM WebSphere MQ with other forms of program-to-program communication
- Identify the main ways IBM WebSphere MQ can have an impact on application design
- Describe the basic components and structure of IBM WebSphere MQ
- Describe the function of each of the calls in the Message Queue Interface
- Describe the tasks that must be performed to manage a queue manager and its connections with:
 - Other queue managers
 - WebSphere MQ client applications
- Describe the transactional support within IBM WebSphere MQ product
- Describe the features of IBM WebSphere MQ that contribute to system security
- Explain how IBM WebSphere MQ can be 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 dissemination of publisher information to appropriate subscribers

Key topics

- Introduction to WebSphere MQ
- Programming with WebSphere MQ
- Messages - additional information
- Intercommunication
- System administration
- Transactional support
- Security
- Linking, bridging, and the WebSphere MQ family