

IBM MQ

Learn to install, administer and secure IBM Integration Bus environments connected to IBM MQ, including monitoring and high availability.

5 Days

DURATION

16

TOPICS

12

HANDS-ON EXERCISES

COURSE OVERVIEW

This course covers IBM Integration Bus, starting with product installation, configuration and security planning, and connecting to IBM MQ. It addresses administration through the IBM Integration Toolkit, including administration basics, security for administration access, message flow security, and web services and web service security. It then covers diagnosing problems, monitoring the integration node and message flow performance, publish/subscribe implementation, configuring high availability, and recording and replaying message flow events, concluding with extending IBM Integration Bus.

WHO THIS COURSE IS FOR

Integration Administrators

System Administrators

Middleware Engineers

IBM MQ Administrators

Integration Developers

LEARNING OBJECTIVES

- Describe IBM Integration Bus architecture and components
- Plan product installation, configuration and security
- Configure connections between IBM Integration Bus and IBM MQ
- Implement administration security and message flow security
- Administer web services and web service security
- Diagnose runtime problems using diagnosis tools
- Monitor integration node and message flow performance
- Configure IBM Integration Bus for high availability

16 Topics

TOPICS

12 Exercises

- Course introduction
- IBM Integration Bus overview
- Product installation, configuration, and security planning
- Connecting to IBM MQ
- Administration in the IBM Integration Toolkit
- Administration basics
- Implementing IBM Integration Bus administration security
- Implementing IBM Integration Bus message flow security
- Administering web services and web service security
- Diagnosing problems
- Monitoring the integration node and message flow performance
- Publish/subscribe implementation overview
- Configuring IBM Integration Bus for high availability
- Monitoring, recording, and replaying message flow events
- Extending IBM Integration Bus
- Course summary

HANDS-ON EXERCISES

Practise What You Learn

MODULE	ACTIVITY
	■ Integration node setup and customization ■ Connecting to IBM MQ ■ Using the IBM Integration Toolkit ■ Administering the IBM Integration Bus runtime components ■ Using file-based security to control administration access ■ Using queue-based security to control administration access ■ Implementing web services and web services security ■ Using problem diagnosis tools ■ Identifying runtime problems ■ Viewing runtime statistics ■ Administering workload management policies ■ Recording and replaying message flow data

WHAT IS INCLUDED

Everything You Need to Succeed

- Koenig course material for every module
- Delivery by certified instructors and subject matter experts
- Hands-on exercises throughout the course
- Course completion certificate from Koenig

ABOUT KOENIG

Who We Are

Established in 1993, Koenig Solutions is a globally recognised training provider with 35+ technology partnerships, 5,000+ training programmes and a network of certified instructors and subject matter experts, supporting individuals and enterprise teams worldwide.

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