

IBM Integration Bus V10 Application Development II

Course#: WM676G

Duration: 32 Hours

Price: 4000.00

Course Description

This course is also available as self-paced virtual (e-learning) course IBM Integration Bus V10 Application Development II (ZM676G). This option does not require any travel.

This course provides an intermediate-level continuation of the topics necessary to successfully create IBM Integration Bus message flow applications and integration services.

This course focuses on using IBM Integration Bus to develop, deploy, and support platform-independent message flow applications and integration services. These applications and integration services use various messaging topologies to transport data between service requesters and service providers, and also allow the data to be routed, transformed, and enriched during processing.

Topics in this course include creating integration services and message flow applications that use and provide web services. You also learn how to use event driven processing nodes and how to use the record and replay facility to capture and view data during processing. You also learn how IBM Integration Bus interacts with other IBM and enterprise information products. Lab exercises throughout the course give you an opportunity to practice your new skills.

For information about other related courses, visit the IBM Training website:

ibm.com/training

Learning Journeys that reference this course:

IBM Integration Bus

Objectives

After completing this course, you should be able to:

Use event driven message processing to control the flow of messages by using message aggregation, message collections, message sequences, and time-sensitive nodes

Transform data by using Microsoft .NET and XML stylesheets

Analyze and filter information in complex XML documents

Extend DFDL message models

Use message sets and the Message Repository Manager (MRM) parser

Provide a message flow application as a web service

Request a web service from within a message flow

Describe how to implement WS-Addressing and WS-Security standards in IBM Integration Bus

Create an integration service

Create and implement an IBM MQ request and response service definition

Create and implement a database service definition

Configure security-enabled message processing nodes

Create a decision service that implements business rules to provide routing, validation, and transformation

Expose a set of integrations as a RESTful web service

Use a global cache to store static data

Record and replay data that a message flow application processes

Implement publish and subscribe with IBM Integration Bus

Describe the workload management options for adjusting the message processing speed, and controlling the actions that are taken on unresponsive flows and threads

Construct user-defined patterns

Describe how IBM Integration Bus integrates with other IBM products such as IBM WebSphere Enterprise Service Bus and IBM DataPower Appliances

Audience

This intermediate course is designed for integration specialists and senior-level developers with experience in IBM Integration Bus application development.

Prerequisites

Before taking this course, you should successfully complete IBM Integration Bus V10 Application Development I (WM666G), which introduces IBM Integration Bus development topics that are

necessary for success in this course.

Content