# IBM Integration Bus V10 Application Development II

**Course#:ZM676G**
**Duration:32 Hours**
**Price:0.00**

## Course Description

This course is also available as classroom courseIBM Integration Bus V10 Application Development II(WM676G).

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