

# IBM App Connect Enterprise 12 Application Development II (WM687G)

**ID WM687G** **Prix 1 600,– € (Hors Taxe)** **Durée 2 jours**

## A qui s'adresse cette formation

This course is designed for experienced integration specialists and senior-level developers with experience in application development and messaging middleware applications interested in becoming an IBM App Connect Enterprise Developer.

## Pré-requis

Before taking this course, you should have taken the following course:

[IBM App Connect Enterprise 12 Application Development I \(WM686G\)](#)

## Objectifs

- Build a message flow that manages workload distributions between two integration nodes
- Develop a message flow that manages workload distributions between two integration nodes by using IBM MQ
- Design a message flow that reads from and writes to a Java Messaging Service destination queue
- Create a message flow that transforms an XML input into a JSON Array output structure using a Mapping node
- Create a Data Format Description Language (DFDL) message model schema in a shared library and test it by parsing the input data
- Develop an application that serializes a message with an XML message as input
- Transform messages using the Compute or a JavaCompute node
- Design a message flow that reads from and writes to a database by using Open Database Connectivity (ODBC) and Java Database Connectivity (JDBC) connections

- Unit 1. Connecting to IBM MQ
- Exercise 1. Connecting to IBM MQ
- Unit 2. Processing JMS, HTTP, and web service messages
- Exercise 2. Java Message Service processing
- Unit 3. Using a Mapping node to create a JSON array message
- Exercise 3. Using a Mapping node to create a JSON Array message
- Unit 4. Modeling the data
- Exercise 4. Creating a Data Format Descriptive Language (DFDL) model
- Unit 5. Using Compute nodes to transform messages
- Exercise 5. Transforming data by using the Compute or Java Compute node
- Unit 6. Referencing a database in a message flow application
- Exercise 6. Referencing a database in a map
- Course summary

## Contenu

- Course introduction

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