

# IBM App Connect Enterprise 12 Application Development III (WM688G)

**ID WM688G** **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 that are interested in becoming an IBM App Connect Enterprise Developer.

## Pré-requis

Before taking this course, you should complete the following courses:

- [IBM App Connect Enterprise 12 Application Development I \(WM686G\)](#)
- [IBM App Connect Enterprise 12 Application Development II \(WM687G\)](#)

## Objectifs

- Develop a message flow that implements aggregation to fan-out information into a single output message.
- Configure integration nodes and integration servers to connect to secured resources by using credentials that are stored in encrypted form in an IBM App Connect Enterprise vault
- Configure an IBM App Connect vault for storing encrypted credentials, which can be used to access secured resources
- Enable user trace and retrieve the collected trace data
- Build a message flow that uses IBM App Connect Enterprise web user interface to view events and replay messages
- Create monitoring events on selected nodes so that they could be published to a topic and recorded into a database table
- Construct and configure a business transaction definition in the web user interface
- Create the business events that make up a business transaction definition
- Design an application that uses the Business Transaction Monitoring dashboard to view events in completed, failed,

inconsistent, and in-progress states

- Create and add user-defined properties to a message flow
- Assemble promoted properties to provide common values for multiple message flow nodes in the flow by converging promoted properties

## Contenu

- Course introduction
- Unit 1. Implementing message flow aggregation
- Exercise 1. Implementing message flow aggregation
- Unit 2. Securing message flows
- Exercise 2. Securing a message flow that uses the vault
- Unit 3. Debugging message flows
- Exercise 3. Debugging a message flow
- Unit 4. Implementing error handling in message flows
- Exercise 4. Implementing error handling in a message flow
- Unit 5. Creating patterns for reusability
- Exercise 5. Creating a reusable pattern
- Unit 6. Monitoring message flows
- Exercise 6. Record and Replaying message flow data
- Exercise 7. Monitoring business transactions across multiple message flows
- Unit 7. Preparing for production
- Exercise 8. Preparing for production by creating a runtime-aware message flow
- Course summary

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