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## Developing Applications in IBM Business Process Manager Advanced V8.5.7 - I

### Information

<b>Length:</b>	40.0 Hours
<b>Ref:</b>	WB860G
<b>Delivery method:</b>	ClassroomInstructor Led Online
<b>Price:</b>	EUR

### Overview

This course teaches you how to use the tools in IBM Business Process Manager Advanced V8.5.7 to build and deploy process integration solutions.

IBM Process Server supports a service-oriented architecture (SOA) by providing a platform for using diverse technologies to integrate business applications. In this course, you learn how IBM Process Server enables business integration applications to define business logic and processes based on Web Services Business Process Execution Language (WS-BPEL), and business rules. In the intensive hands-on lab exercises, you design, develop, and test a comprehensive business integration solution. You use the IBM Integration Designer tool to create business integration solutions by using the Service Component Architecture (SCA) programming model, the Service Data Objects (SDO) data model, and the mediation flow programming model.

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

### Public

This course is designed for system administrators, integration specialists, application developers, business process developers, support engineers, and technical sales and marketing professionals.

### Prerequisites

Before taking this course, you should have:

- Basic Java and Java Platform, Enterprise Edition (Java EE) skills
- Basic Extensible Markup Language (XML) skills

Successful completion of course *Process Implementing with IBM Business Process Manager Standard/Adv V8.5.6 - I* (WB819G) is highly recommended, but not required.

### Topics

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- Course introduction
  - Introduction to IBM Business Process Manager V8.5.7
  - Overview of IBM Business Process Manager Advanced V8.5.7
  - Exercise: Exploring IBM Process Designer and IBM Process Portal
- Course business scenario: What you build
- IBM Integration Designer overview
  - Exercise: Exploring IBM Integration Designer, part I
- Service Component Architecture overview
  - Exercise: Exploring IBM Integration Designer, part II
- SCA bindings
  - Exercise: Working with web services
- Business objects
  - Exercise: Creating business objects and shared interfaces
- Business process choreography overview
  - Exercise: Creating a business process, part I
- Business process basic and structured activities
  - Exercise: Creating a business process, part II
- Business process handlers, runtime behavior, and clients
  - Exercise: Creating a business process, part III
- Business rules
  - Exercise: Creating business rules
- Adapters
  - Exercise: Implementing WebSphere (JCA) adapters
- Developing mediation services
  - Exercise: Creating mediation services, part I
- Mediation primitives
  - Exercise: Creating mediation services, part II
- Business Space
  - Exercise: Exploring Business Space
- Advanced testing
  - Exercise: Using component tests
- IBM Process Center
  - Exercise: Bringing the UTE Process Server online
  - Exercise: Exploring IBM Process Center
- Advanced Integration services
  - Exercise: Implementing Advanced Integration services
- Course summary