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Administration of IBM Business Process Manager Advanced V8
Information

Length:	5.0 Days
Ref:	WB862G-X
Delivery method:	ClassroomInstructor Led Online
Price:	EUR

Overview

An updated version of this course is available. For more information, click [Administration of IBM Business Process Manager Advanced V8.5 \(WB867G\)](#).

This course is also available as self-paced virtual (e-learning) course, [Administration of IBM Business Process Manager Advanced V8 \(ZB862G\)](#). This option does not require any travel.

In this introductory course, you learn the skills that are needed to install, configure, and administer IBM Business Process Manager Advanced V8.

IBM Business Process Manager Advanced V8 includes IBM Process Server, IBM Integration Designer, IBM Process Designer, IBM Process Center, and WebSphere Enterprise Service Bus. This course focuses on IBM Process Server, which is a high-performance business engine at the heart of business process management (BPM) and service-oriented architecture (SOA).

The course covers how to configure IBM Process Server in a network deployment environment. You learn about the various deployment topologies available for IBM Process Server, and the deployment options for various IBM Process Server components. The course also teaches you about the selection criteria for choosing an appropriate deployment topology.

You learn how IBM Process Server uses the service integration bus (WebSphere Platform Messaging) for all asynchronous communications. To build a highly available IBM Process Server architecture, you must understand how the service integration bus works, and know how to integrate it into the design of a topology. Finally, you learn about the service integration bus and how to configure it to support high availability and workload management.

Hands-on exercises on the Linux operating system are provided throughout the course, giving you practical experience on how to design, deploy, and troubleshoot a highly available IBM Process Server environment. Through the labs, you configure IBM Process Server in a clustered environment and verify their configuration. You also deploy a basic IBM Process Server application and use it to test the capabilities of the IBM Process Server environment. You examine applications in IBM Process Center and deploy

applications to both an online and an offline IBM Process Server. Finally, you integrate the deployment manager with IBM Tivoli Directory Server and secure the environment.

This course provides lab exercises running on IBM Business Process Manager Advanced V8.0.1.

The lab environment for this course uses the Linux operating system.

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

<http://www.ibm.com/training>

Public

This basic course is designed for systems administrators, solutions administrators, and operators who install, configure, manage, and troubleshoot IBM Process Server applications.

Prerequisites

You should successfully complete one of the IBM WebSphere Application Server V8 Administration courses:

- *WebSphere Application Server V8 Administration for AIX(WA180G)*
- *WebSphere Application Server V8 Administration for Windows(WA380G - no longer available)*
- *WebSphere Application Server V8 Administration for Windows(ZA380G - no longer available)*
- *WebSphere Application Server V8 Administration for Linux(WA580G - no longer available)*

You should have a general knowledge of Java Platform, Enterprise Edition (Java EE)**and** SOA.

Objective

- Describe the purpose and business value of the tools included in IBM Business Process Manager Advanced V8: IBM Process Designer, IBM Integration Designer, IBM Process Server, IBM Process Center, and WebSphere Enterprise Service Bus
- Describe IBM Business Process Manager Advanced architecture, concepts, and terminology
- Describe the deployment considerations for IBM Business Process Manager Advanced components
- Describe the IBM Process Server high availability topologies and their selection criteria
- Create an IBM Process Server clustered environment
- Verify the functions of failover in a clustered environment
- Configure the business process engine
- Configure and work with Business Space
- Deploy and manage business applications
- Work with the administrative console and management tools
- Deploy applications to an offline and online IBM Process Server
- Implement SSL

- Integrate with Lightweight Directory Access Protocol (LDAP) to secure the environment
- Troubleshoot the environment

Topics

- Course introduction
- Overview of IBM Business Process Manager Advanced
- IBM Business Process Manager Advanced architecture overview
- IBM Business Process Manager Advanced installation
- Exercise: Configuring the cell
- Exercise: Installing the IBM HTTP Server
- Introduction to IBM Process Center
- Exercise: Exploring IBM Process Center
- Overview of IBM Process Server
- IBM Process Server components
- IBM Process Server deployment topologies
- Exercise: Creating the clusters
- Introduction to Business Space
- Exercise: Configuring Business Space
- Exercise: Configuring the Process Server component
- Introduction to the service integration bus
- Exercise: Configuring the messaging cluster
- Business process choreography
- Exercise: Installing and configuring Business Process Choreographer
- Application deployment concepts
- Failed event manager overview
- Exercise: IBM Process Server administration
- Exercise: Administering Business Space
- Overview of Performance Data Warehouse
- Exercise: Configuring the Performance Data Warehouse
- Overview of deployment scenarios
- Exercise: Managing offline and online Process Servers
- IBM Process Server advanced topologies
- Exercise: Configuring messaging engine policies and transaction log failover
- Security
- Exercise: Configuring SSL
- Exercise: Implementing security with LDAP
- Problem determination
- Course summary