

Administration of IBM WebSphere Process Server V7

WB722G



Delivery Type: Instructor led- Online

Duration: 5 days

Overview

This five-day instructor-led introductory course teaches students the skills they need to install, configure, and administer IBM WebSphere Process Server for Multiplatforms V7, a high-performance business engine at the heart of business process management (BPM) and service-oriented architecture (SOA).

This course covers how to install IBM WebSphere Process Server V7 in a network deployment environment. Students learn about the various deployment topologies available for IBM WebSphere Process Server, as well as the deployment options for various WebSphere Process Server components. This course also teaches students about the selection criteria for choosing an appropriate deployment topology.

Students also learn how WebSphere Process Server uses the service integration bus (WebSphere Platform Messaging) for all asynchronous communications. Understanding how the service integration bus works and knowing how to integrate it into the design of a

topology are necessary for building a highly available WebSphere Process Server architecture. Finally, students learn about the service integration bus and how to configure it to support high availability and workload management.

Hands-on exercises on the Linux platform are provided throughout the course, giving students practical experience designing, deploying, and troubleshooting a highly available WebSphere Process Server environment. Through the labs, students deploy IBM WebSphere Process Server in a clustered environment and verify their deployment. In addition, students deploy a basic WebSphere Process Server application and use it to test the capabilities of the WebSphere Process Server environment.

Pre-Requisites

Students should have a general knowledge of:

- ✓ Java 2 Platform, Enterprise Edition (J2EE) and SOA
- ✓ Students should successfully complete one of these courses:

- ✓ IBM WebSphere Application Server V7 Administration (WA170) (WA370) (WA570) (VA170) (VA370) (VA570) or (ZA370).

Objectives

- ✓ Install and configure WebSphere Process Server
- ✓ Describe WebSphere Process Server architecture, concepts, and terminology
- ✓ Describe the deployment considerations for WebSphere Process Server components
- ✓ Describe the WebSphere Process Server high availability topologies and their selection criteria
- ✓ Create a WebSphere Process Server clustered environment
- ✓ Verify failover functionality in a clustered environment
- ✓ Configure the business process engine
- ✓ Configure and work with Business Space
- ✓ Deploy and manage business applications
- ✓ Work with human tasks
- ✓ Work with the administrative console and management tools
- ✓ Configure the Common Event Infrastructure
- ✓ Perform a deployment environment installation

Target Audience

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