

WebSphere Application Server V8.5 Administration

WA585G



Delivery Type: Instructor led - Online

Duration: 5 days

Overview

This 5-day instructor-led course teaches you the skills that are needed to install and administer IBM WebSphere Application Server V8.5, which offers users enhanced support for standards, emerging technology, and a choice of development frameworks. In this course, you learn how to install, configure, and maintain IBM WebSphere Application Server V8.5 base, Network Deployment (ND), and the Liberty profile, and to deploy enterprise Java applications in a single computer or clustered configuration. In addition, you learn how to work with features of WebSphere Application Server V8.5, such as IBM Installation Manager, WebSphere Customization Toolbox, administrative console extensions, security enhancements, Intelligent Management Pack, and the centralized installation manager.

Throughout the course, hands-on exercises and demonstrations reinforce lecture content. You gain practical experience with WebSphere Application Server V8.5 by completing tasks such as installing and assembling applications, applying problem determination techniques, configuring a clustered

environment, and working with fine-grained administrative security.

Pre-Requisites

You should have:

- ✓ An understanding of basic internet concepts
- ✓ Experience in using a web browser
- ✓ Administrative skills for a web server, such as IBM HTTP Server or Apache
- ✓ Basic operational skills for the Linux operating system

Objectives

- ✓ Relate WebSphere Application Server to the WebSphere family of products
- ✓ Describe the features and standards in WebSphere Application Server V8.5
- ✓ Describe the architectural concepts that are related to WebSphere Application Server
- ✓ Install and configure WebSphere Application Server V8.5
- ✓ Install and configure IBM HTTP Server (IHS)
- ✓ Assemble and install server-side Java enterprise applications
- ✓ Use WebSphere administrative tools to configure and manage enterprise applications

- ✓ Use wsadmin scripting
- ✓ Configure WebSphere Application Server security
- ✓ Deploy applications in clustered environments
- ✓ View performance information about server and application components
- ✓ Use problem determination tools and log files to troubleshoot problems
- ✓ Configure messaging with the service integration bus
- ✓ Describe the Intelligent Management Pack
- ✓ Describe WebSphere Batch features
- ✓ Describe the Liberty profile
- ✓ Install and configure the Liberty profile

Target Audience

This intermediate course is designed for administrators who install, configure, and manage web-based applications on WebSphere Application Server. Web administrators, lead application developers, and application architects can also benefit from this course.