
WebSphere Application Server V8.5.5 Administration

Duration: 5 Days Course Code: WA855G

Overview:

This 5-day instructor-led course teaches you the skills that are needed to install and administer IBM WebSphere Application Server V8.5.5. This release 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 V8.5.5 base, Network Deployment (ND), and the Liberty profile. You learn how 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 V8.5.5, such as IBM Installation Manager, WebSphere Customization Toolbox, security enhancements, Intelligent Management, and centralized installation. Throughout the course, hands-on exercises and demonstrations reinforce lecture content and give you practical experience with WebSphere Application Server V8.5.5. You complete tasks such as installing and assembling applications, applying problem determination techniques, configuring a clustered environment, and working with fine-grained administrative security.

Target Audience:

This 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.

Objectives:

- Relate WebSphere Application Server to the WebSphere family of products
 - Describe the features and standards in WebSphere Application Server V8.5.5
 - Describe the architectural concepts that are related to WebSphere Application Server
 - Install and configure WebSphere Application Server V8.5.5
 - 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 Intelligent Management features
 - Describe WebSphere Batch features
 - Describe the Liberty profile
 - Install and configure the Liberty profile
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Prerequisites:

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
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Content:

■ Course introduction	■ Exercise: Assembling an application	■ Demonstration: Using the job manager
■ WebSphere product family overview	■ Application installation	■ Overview of Intelligent Management
■ WebSphere Application Server architecture - stand-alone	■ Exercise: Installing an application	■ WebSphere security
■ WebSphere Application Server architecture - federated	■ Problem determination	■ Exercise: Configuring WebSphere security
■ IBM Installation Manager	■ Exercise: Problem determination	■ Exercise: Configuring application security
■ WebSphere Application Server installation	■ Introduction to wsadmin and scripting	■ Exercise: Configuring SSL for WebSphere
■ Web server installation	■ Exercise: Using wsadmin	■ Overview of the Liberty profile
■ Exercise: Installing IBM Installation Manager	■ Federating a cell	■ Exercise: Working with the Liberty profile
■ Exercise: Installing WebSphere Application Server	■ Exercise: Creating a federated cell	■ Performance monitoring
■ Exercise: Installing IBM HTTP Server	■ Workload management	■ Exercise: Using the performance monitoring tools
■ WebSphere Application Server administrative console	■ Exercise: Clustering and workload management	■ WebSphere Batch
■ Exercise: Exploring the administrative console	■ Introduction to WebSphere Messaging	■ Course summary
■ Introduction to the PlantsByWebSphere application	■ Exercise: Configuring the service integration bus	
■ Application assembly	■ Job manager and Centralized Installation Manager	

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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