

IBM WebSphere Application Server V6.1 Administration for Windows/Unix/Linux (WA3661GB)



Course Duration: 4 days

Audience

This course is designed for administrators who install, configure, and manage Web-based applications on WebSphere Application Server V6.1. It is also appropriate for webmasters and application architects.

Pre-requisites

Students should have:

- An understanding of basic Internet concepts
- Experience using a Web browser
- Administration skills for a Web server, such as IBM HTTP Server or Apache
- Basic operational skills for the operating system where the lab exercises are run

Objective

- Explain how WebSphere Application Server relates to the WebSphere family of products
- Describe the architectural concepts related to WebSphere Application Server V6.1
- Install and configure WebSphere Application Server and IBM HTTP Server (IHS)
- Explain the basic concepts of the Java 2 Platform, Enterprise Edition (J2EE)
- Assemble and install server-side Java enterprise applications
- Use WebSphere Application Server administrative tools to configure and manage enterprise applications
- Configure security for server-side application resources
- Deploy applications in clustered environments
- View performance information about server and application components
- Use problem determination tools and log files to troubleshoot problems

Topics to be covered:

- Course introduction
- WebSphere product family overview
- Architectural overview: Standalone
- Architectural overview: Federated
- WebSphere Application Server V6.1 installation
- Exercise: WebSphere Application Server installation
- Exercise: IBM HTTP Server installation
- Exercise: WebSphere Information Center installation
- Administrative console
- Exercise: Explore WebSphere Application Server through the administrative console
- J2EE overview
- Application assembly using AST
- Introduction to the Trade family of applications
- Exercise: Using AST to assemble the Trade application
- Application installation
- Exercise: Installing Trade application
- Problem determination
- Exercise: Problem determination
- wsadmin
- Exercise: Experimenting with wsadmin
- Profiles and federating cells
- Exercise: Federating a cell
- Workload management
- Exercise: Clustering
- Introduction to WebSphere Platform Messaging (WPM)
- Exercise: Install Trade processor application
- WebSphere securityExercise: Configuring SSL
- Exercise: Enabling WebSphere and J2EE Security
- Integrated Performance Viewer
- Exercise: Integrated Performance Viewer
- Course summary