

IBM WebSphere Application Server V7.0 Administration on Windows Course Summary

Description

This course teaches the basics of the administration and deployment of enterprise applications in the IBM WebSphere Application Server v7.0 Network Deployment environment.

Objectives

At the end of this course, students will be able to:

- Relate WebSphere Application Server to the WebSphere family of products
- Describe the features and standards in WebSphere Application Server V7
- Describe the architectural concepts related to WebSphere Application Server
- Install and configure WebSphere Application Server V7
- Explain the basic concepts of the Java Platform, Enterprise Edition (Java EE 5) platform
- Assemble and install server-side Java enterprise applications
- Use WebSphere administrative tools to configure and manage enterprise applications
- Use the wsadmin scripting library
- 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

Topics

- Course introduction
- WebSphere product family overview
- WebSphere Application Server architecture - standalone
- WebSphere Application Server architecture - federated
- WebSphere Application Server installation
- Exercise: Installing WebSphere Application Server
- Exercise: Installing IBM HTTP Server
- Exercise: WebSphere Information Center installation (optional)
- WebSphere Application Server administrative console
- Exercise: Exploring the WebSphere Application Server administrative console
- Java EE 5 overview for administrators
- Application assembly
- Introduction to the Trade family of applications
- Application installation
- Exercise: Assembling an application
- Exercise: Installing an application
- Problem determination
- Exercise: Problem determination
- Command-line administration, scripting, and automation
- Exercise: Using wsadmin
- Federating a cell
- Exercise: Creating a federated cell
- Workload management
- Exercise: Clustering and workload management
- Introduction to WebSphere messaging
- Exercise: Configuring the Service Integration Bus
- Centralized installation (optional)
- Security and auditing
- Exercise: Configuring WebSphere security, including fine-grained administrative access
- Exercise: Configuring application security
- Exercise: Configuring SSL for WebSphere
- Exercise: Auditing (optional)
- Performance monitoring
- Exercise: Using the performance monitoring tools
- Flexible management (optional; includes demonstration)
- Course summary



"Charting the Course ...

... to Your Success!"

IBM WebSphere Application Server V7.0 Administration on Windows Course Summary (cont'd)

Audience

This course is designed for individuals who are Webmasters and System Administrators who need to install, configure and maintain systems using WebSphere Application Server v7.0 Network Deployment Edition.

Prerequisites

Students should have web server and system administration skills.

Duration

Five days

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