

## SW246V6: Administration of IBM WebSphere Application Server 6

### WebSphere software

<b>Course Title:</b>	SW246V6: Administration of IBM WebSphere Application Server 6
<b>Cost:</b>	\$2,000
<b>Duration:</b>	4 (days)
<b>Version:</b>	6
<b>Times:</b>	02:00:00 AM - 10:00:00 AM

#### Description:

This course teaches students how to install, configure, and maintain IBM WebSphere Application Server V6 "base" and Network Deployment, and to deploy enterprise Java applications in a single machine or clustered configuration.

#### Objectives:

After completing this course, students should be able to:

- Relate WebSphere Application Server (WAS) to the WebSphere family of products
- Describe the architectural concepts related to WAS V6
- Install and configure WAS 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 WAS 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

#### Objectives:

#### Pre-Reqs:

Before taking this course, students should have the following:

- 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 Windows 2000 operating system

#### Audience:

This course is designed for administrators who install, configure, and manage Web-based applications on WebSphere Application Server.

#### Outline:

## Outline:

- |  |   |
|--|---|
| <ul style="list-style-type: none"><li>• WebSphere product family overview</li><li>• Architectural overview of Express and Base</li><li>• Architectural overview of Network Deployment</li><li>• WebSphere Application Server installation</li><li>• Exercise: WebSphere Application Server installation</li><li>• Exercise: WebSphere Information Center installation</li><li>• WebSphere Application Server administrative console</li><li>• Exercise: Explore WebSphere administrative console</li><li>• J2EE overview</li><li>• Application assembly</li><li>• Introduction to the Trade family of applications</li><li>• Exercise: Assembling the Trade application using AST</li><li>• Application installation</li><li>• Exercise: Install Trade application</li><li>• Problem determination</li><li>• Exercise: Problem determination</li></ul> | <ul style="list-style-type: none"><li>• Command Line scripting with wsadmin</li><li>• Exercise: Experimenting with wsadmin</li><li>• WebSphere Rapid Deployment (WRD) and fine grain application updates</li><li>• Exercise: Install the QuoteWS application with WRD</li><li>• Federating a cell</li><li>• Exercise: Federating into a cell (Profiles)</li><li>• Exercise: IBM HTTP Server and plug-in installation</li><li>• Workload management</li><li>• Exercise: Clustering</li><li>• Introduction to WebSphere Platform Messaging (WPM)</li><li>• Exercise: Install the TradeListener application</li><li>• Security</li><li>• Exercise: Configuring SSL</li><li>• Exercise: WebSphere Application Server security</li><li>• Integrated Performance Viewer</li><li>• Exercise: Integrated Performance Viewer</li></ul> |
|--|---|