

IBM WebSphere Application Server V6.1 Advanced Administration (WA761GB)



Course Duration: 3 days

Audience

This course is designed for experienced 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

Before taking this course, students should have:

- Solid knowledge of Internet protocols, such as HTTP, IIOP, and HTTPS
- Basic WebSphere Application Server knowledge
- Linux operating system knowledge
- Windows operating system knowledge
- Basic knowledge of LDAP servers
- Administration skills for a Web server such as IBM HTTP Server or Apache
- Basic operational skills for the Windows XP and Linux operating systems

Objective

After completing this course, students should be able to:

- Describe the architectural concepts related to WebSphere Application Server V6.1
- Install and configure WebSphere Application Server and IBM HTTP Server (IHS) both interactively and silently
- Create WebSphere profiles interactively and silently
- 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 through the GUI console and through wsadmin scripts
- Configure WebSphere security registry to use LDAP
- Configure SSL communication with LDAP
- Enable J2EE security
- Configure security for server-side application resources
- Deploy applications and configure resources in clustered environments interactively and through wsadmin scripts

- Install and configure the Load Balancer Edge component
- Install and configure the Caching Proxy Edge component
- Configure WebSphere Platform Messaging (WPM) for workload management and high availability

Topics to be covered:

- WebSphere Application Server architecture review
- Introduction to the lab environment and the Trade application
- Application assembly and deployment
- WebSphere Application Server global security
- WebSphere Application Server security SSL
- WebSphere Application Server workload management - clustering
- WebSphere Application Server workload management- session management
- WebSphere Application Server workload management - edge components
- WebSphere Application Server security- security stack
- WebSphere Platform Messaging (WPM) and WPM scenarios