



IBM Websphere Application Server Administration

Course ID #: 0376-590-WA590G-W

Hours: 21

Course Content

Course Description:

This course teaches you the skills that are needed to administer IBM WebSphere Application Server V9.

This release of IBM WebSphere Application Server provides enhanced support for standards (notably Java 7 EE), emerging technology, and a choice of development frameworks.

In this course, you learn how to configure and maintain IBM WebSphere Application Server V9 in a single-server environment. You learn how to deploy enterprise Java applications in a single computer configuration. In addition, you learn how to work with features of WebSphere Application Server V9, such as the wsadmin scripting interface, security, and performance monitoring.

Hands-on exercises throughout the course give you practical experience with the skills you develop in the lectures.

Course Objectives:

- Relate WebSphere Application Server to the WebSphere family of products
- Describe the features and standards in WebSphere Application Server V9
- Describe the use of WebSphere Application Server in cloud, hybrid cloud, and on-premises environments
- Describe the architectural concepts that are related to WebSphere Application Server
- 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
- View performance information about server and application components
- Troubleshoot problems by using problem determination tools and log files

Prerequisites:

- Basic operational skills for the Linux operating system
- Administrative skills for a web server, such as IBM HTTP Server or Apache
- Basic understanding of cloud concepts, private, public, and hybrid clouds, and traditional on-premises environments



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Target Audience:

This course is designed for administrators who configure and manage web-based applications on WebSphere Application Server. Web administrators, application developers and deployers, security specialists, and application architects can also benefit from this course.

Topics:

- Course introduction
- WebSphere product family overview
- WebSphere Application Server architecture - stand-alone
 - Exercise: Profile creation
- WebSphere Application Server administrative console
 - Exercise: Exploring the administrative console
- Introduction to the PlantsByWebSphere application
- Application assembly
 - Exercise: Assembling an application
- Application installation
 - Exercise: Installing an application
- Problem determination
 - Exercise: Problem determination
- Introduction to wsadmin and scripting
 - Exercise: Using wsadmin
- WebSphere security
 - Exercise: Configuring WebSphere Application Server security
 - Exercise: Configuring application security
- Performance monitoring
 - Exercise: Using the performance monitoring tools
- Course summary

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NASBA Information

Level: Intermediate

Attendance Requirement: To be awarded the full credit hours, you must sign in and attend the entire course.

Fields: Computer Software & Applications

CPEs: 23.40

Policies: Course Registration, Cancellation, Refund and Complaint Resolution

For more information regarding administrative policies such as complaint and refund, please contact our offices at 800-639-3535 or visit us at: www.tcworkshop.com

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