WebSphere Application Server V9 Administration

Duration: 3 Days Course Code: WA590G Delivery Method: Virtual Learning

Overview:

Learn how to install, configure, secure, administer, and troubleshoot IBM WebSphere Application Server V9 environments to support enterprise Java applications and services.

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.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

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.

Objectives:

- **After completing this course, you should be able to:**
- 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

Content:

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

Additional Information:

Official course book

Further Information:

For More information, or to book your course, please call us on +1 (800) 268 7737

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