Course Code: ZA599GS

Course Title: WebSere Application Server V9 Administration in a Federated Environment

Description:

This self-paced course with hands-on exercises teaches you the skills that are needed to administer IBM WebSere Application Server V9 in a federated environment.

This release of IBM WebSere 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 WebSere Application Server V9 Network Deployment. You learn how to deploy and create a deployment manager and federate a cell. In addition, you learn how to create a cluster within the federated cell.

Throughout the course, hands-on exercises and demonstrations reinforce lecture content. You gain practical experience with WebSere Application Server V9 by completing tasks such as creating a deployment manager, federating a stand-alone application server, creating a custom profile, and clustering an existing application server.

Objectives:

After completing this course, you should be able to:

- Describe the architectural concepts that are related to WebSere Application Server Network Deployment
- Create a deployment manager instance
- Federate an application server to a cell
- Add a stand-alone application server to a WebSere Application Server cell
- Cluster an application server within a WebSere Application Server cell
- Configure WebSere Application Server SSL security settings
- Deploy applications in clustered environments
- Describe the features of Intelligent Management

Exercises

- Exercise 1: Configuring the lab workstation
- Exercise 2: Creating a federated cell
- Exercise 3: Clustering and workload management
- Exercise 4: Configuring SSL for WebSere

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 specifically traditional on-premises environments
- Completion of course WebSere Application Server V9 Administration (WA590G) or WebSere Application Server V9 Administration (ZA590G), or experience with WebSere Application Server in a

stand-alone environment

Duration:

12 Hrs

Topics:

- Course introduction
- WebSere Application Server architecture: Federated
- Federating a cell
- Exercise: Configuring the lab workstation
- Exercise: Creating a federated cell
- Workload management
- Exercise: Clustering and workload management
- WebSere security: SSL
- Exercise: Configuring SSL for WebSere
- Overview of Intelligent Management
- Course summary

Audience:

This course is designed for WebSere administrators who have experience with stand-alone application server environments, and want to learn about creating and managing a federated environment.