



WebSphere Application Server V9 Administration in a Federated Environment (WA599G)

Course ID #: 7000-644-ZZ-Z

Hours: 11

Course Content

Course Description:

In this course, you will cover the skills that are needed to administer IBM WebSphere Application Server V9 in a federated environment. 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 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 WebSphere 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.

Course Objectives:

Upon successful completion of this course, students will be able to:

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

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 WebSphere Application Server V9 Administration (WA590G) or WebSphere Application Server
- V9 Administration (ZA590G), or experience with WebSphere Application Server in a stand-alone environment



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Target Audience:

WebSphere administrators who have experience with stand-alone application server environments, and want to learn about creating and managing a federated environment.

Topics:

Lesson 1: Course Introduction

Lesson 2: WebSphere Application Server Architecture: Federated

Lesson 3: Federating a Cell

Exercise: Configuring the lab workstation

Exercise: Creating a federated cell

Lesson 4: Workload Management

Exercise: Clustering and workload management

Lesson 5: WebSphere Security: SSL

Exercise: Configuring SSL for WebSphere

Lesson 6: Overview of Intelligent Management

Lesson 7: Course Summary

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