

Document Generated: 12/18/2025

Learning Style: Virtual Classroom

Technology: IBM

Difficulty: Beginner

Course Duration: 5 Days

WebSphere Application Server V8.5.5 Administration (WA855)



About this Course:

This form of the course gives users advancement systems to look over, rising innovation and also improved help for standards. Students will figure out how to configure, maintain, and install the IBM WebSphere Application Server V8.5.5 base, Network Deployment (ND), and the Liberty profile. They also figure out how to set up big business Java applications in a clustered configuration or only one PC. Furthermore, the course instructs users to work with the features of specific WebSphere Application Server V8.5.5, including IBM Installation Manager, WebSphere Customization Toolbox, centralized installation, security upgrades, and Intelligent Management.

The lecture material of this course reinforces through practical exercises and demonstrations that permit the user to spread on their knowledge with WebSphere Application Server V8.5.5. These activities incorporate undertakings like installing and assembling applications, functioning with fine-grained administrative security, configuring a clustered environment, and utilizing issue determination techniques.

To take the e-learning virtual version of this course, learners can also opt (WebSphere Application Server V8.5.5 Administration (ZA855)), which permits them to learn without the need to travel and pace themselves.

Course Objectives:

Toward the finish of the course, the user ought to have the ability to play out the accompanying capacities:

1. Describe features and standards of the WebSphere Application Server V8.5.5
2. Explain the concepts of architecture that can be applied to Server of WebSphere Application
3. Comprehend the place of WebSphere Application Server inside the more extensive setting of the WebSphere family of products.
4. Configure and Install IBM HTTP Server (IHS)
5. Problems troubleshooting using problem determination tools and log files
6. Install and Assemble Java enterprise applications on the server-side

7. Introduce and design WebSphere Application Server V8.5.5
8. Manage and Configure enterprise applications utilizing the tools of WebSphere administration
9. View the performance information of server and application components
10. Design the security feature of WebSphere Application Server
11. Utilize wsadmin scripting
12. Develop applications in clustered environments
13. Define the Intelligent Management features
14. Describe, configure, and install the profile of Liberty
15. Service integration bus Configuration with messaging
16. Describe the WebSphere Batch features

Targeted Audience

This course for IT Ops training is intended for managers liable for configuring, installing, and managing online applications on the Server of WebSphere Application. It is further important for the users like web administrators, lead application developers, and application architects, and also anybody running the Server of WebSphere Application IBM I frameworks and different platforms.

Prerequisites

- Basic information about the concepts of fundamental internet
- Experience of web browser usage
- Administrative expertise for IBM HTTP Server, Apache, or other web servers
- Essentials operational aptitudes for the Linux OS

Course Outline:

- Course introduction
- WebSphere product family overview
- WebSphere Application Server architecture - stand-alone
- WebSphere Application Server architecture - federated
- IBM Installation Manager
- WebSphere Application Server installation
- Web server installation
- Exercise: Installing IBM Installation Manager
- Exercise: Installing WebSphere Application Server

- Exercise: Installing IBM HTTP Server
- 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
- Federating a cell
- Exercise: Creating a federated cell
- Workload management
- Exercise: Clustering and workload management
- Introduction to WebSphere Messaging
- Exercise: Configuring the service integration bus
- Job manager and Centralized Installation Manager
- Demonstration: Using the job manager
- Overview of Intelligent Management
- WebSphere security
- Exercise: Configuring WebSphere security
- Exercise: Configuring application security
- Exercise: Configuring SSL for WebSphere
- Overview of the Liberty profile
- Exercise: Working with the Liberty profile
- Performance monitoring
- Exercise: Using the performance monitoring tools
- WebSphere Batch
- Course summary

[Return to Top](#)
