

Administering WebSphere Application Server Liberty Profile V9

Duration: 2 Days Course Code: WA190G Delivery Method: Virtual Learning

Overview:

This course teaches you the skills that are needed to manage Liberty servers and collectives. The course is designed for application server administrators. You learn how to use the graphical Admin Center and the command line scripting to manage servers from a collective controller. The course also covers how to deploy a cluster of packaged servers for Liberty runtimes, view the deployment environment, and view basic performance metrics. You learn how to use the Dynamic Routing feature of Liberty to enable routing of HTTP requests to collective members. You also configure the auto-scaling and health management features for Liberty. Finally, you learn how to secure Liberty and enable SSL communication in Liberty.

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 of IBM WebSphere Application Server Liberty Profile.

Objectives:

- After completing this course, you should be able to:
- Describe the WebSphere Liberty Profile architecture
- Create a Liberty profile server
- Use the Admin Center to manage Liberty servers
- Deploy clusters of Liberty servers
- Use the collective controller
- Use Jython scripts to administer Liberty servers
- Configure Dynamic Routing
- Configure the auto scaling feature and define auto scaling policies
- Configure SSL communication in Liberty
- Use the IBM HTTP and web server plug-in with Liberty servers

Prerequisites:

Before taking this course, you should have a general knowledge of:

- Java Platform, Enterprise Edition (Java EE)
- Administering web servers and application servers
- The Ubuntu Linux operating system

Content:

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| <ul style="list-style-type: none">■ Course introduction■ Unit 1. Introduction to Liberty administration and runtime architecture■ Unit 2. Multi-server management■ Exercise 1. Managing Liberty collectives with the Admin Center | <ul style="list-style-type: none">■ Unit 3. Administration and application deployment with scripting■ Exercise 2. WebSphere Liberty administration by using Jython Scripts■ Unit 4. Dynamic Routing■ Exercise 3. Dynamic Routing | <ul style="list-style-type: none">■ Unit 5. Auto-scaling in Liberty■ Exercise 4. Auto-scaling■ Unit 6. Securing Liberty■ Exercise 5. Using the IBM HTTP Server with SSL to a Liberty server |
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Additional Information:

Official course book

Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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