



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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**You can reach us at:**

9201 Dry Creek Rd. Centennial, CO 80112, United States

Email: [arrow\\_learning@arrow.com](mailto:arrow_learning@arrow.com)  
Phone: 303 790 2330



# Administering WebSphere Application Server Liberty Profile V9

CODE:	LENGTH:	PRICE:
WA190G	16 Hours (2 days)	\$1,400.00

## Description

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.

## 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

## Audience

This course is designed for administrators of IBM WebSphere Application Server Liberty Profile.

## 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

## Programme

Course introduction  
Introduction to Liberty administration and runtime architecture  
Multi-server management  
Exercise: Managing Liberty collectives with the Admin Center  
Administration and application deployment with scripting  
Exercise: WebSphere Liberty administration by using Jython Scripts  
Dynamic Routing  
Exercise: Dynamic Routing  
Auto-scaling in Liberty  
Exercise: Auto-scaling  
Securing Liberty  
Exercise: Using the IBM HTTP Server with SSL to a Liberty server  
Course summary

## Further Information

Prior to enrolling, IBM Employees must follow their Division/Department processes to obtain approval to attend this public training class. Failure to follow Division/Department approval processes may result in the IBM Employee being personally responsible for the class charges.

GBS practitioners that use the EViTA system for requesting external training should use that same process for this course. Go to the EViTA site to start this process:

<http://w3.ibm.com/services/gbs/evita/BCSVTEurl.nsf>

Once you enroll in a GTP class, you will receive a confirmation letter that should show:

- The current GTP list price
- The 20% discounted price available to IBMers. This is the price you will be invoiced for the class.

## **Session Dates**

On request. Please [Contact Us](#)

## **Additional Information**

[This training is also available as onsite training. Please contact us to find out more.](#)