Enterprise Computing Solutions - Education Services

# TRAINING OFFERING

**You can reach us at:**

Arrow ECS, Nidderdale House, Beckwith Knowle, Harrogate, HG3 1SA

Email: educationteam.ecs.uk@arrow.com
Phone: 0870 251 1000

# Administering WebSphere Application Server Liberty Profile V9

| CODE: | LENGTH: | PRICE: |
| --- | --- | --- |
| WA190G | 16 Hours (2 days) | £1,300.00 |

## 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 introductionIntroduction to Liberty administration and runtime architectureMulti-server managementExercise: Managing Liberty collectives with the Admin CenterAdministration and application deployment with scriptingExercise: WebSphere Liberty administration by using Jython ScriptsDynamic RoutingExercise: Dynamic RoutingAuto-scaling in LibertyExercise: Auto-scalingSecuring LibertyExercise: Using the IBM HTTP Server with SSL to a Liberty serverCourse summary

## Session Dates

| Date | Location | Time Zone | Language | Type | Guaranteed | PRICE |
|---|---|---|---|---|---|---|
| 07 May 2024 | Virtual Classroom | BST | English | Instructor Led Online | | £1,300.00 |
| 12 Aug 2024 | Virtual Classroom | BST | English | Instructor Led Online | | £1,300.00 |
| 28 Nov 2024 | Virtual Classroom | GMT | English | Instructor Led Online | | £1,300.00 |

## Additional Information

This training is also available as onsite training. Please contact us to find out more.