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## Administering WebSphere Application Server Liberty Profile V9

**Duration: 2 Days**    **Course Code: WA190G**    **Delivery Method: Company Event**

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### 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.

### Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

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### Target Audience:

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

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### 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
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### 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
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## Content:

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

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## 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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