

## Migrating Applications to the Cloud on Bluemix Information

<b>Length:</b>	2.0 Days
<b>Ref:</b>	CK100G
<b>Delivery method:</b>	ClassroomInstructor Led Online
<b>Price:</b>	EUR

### Overview

In this class, you learn about migrating Java applications to run in the cloud, including a simple replatforming to a more complex migration to make an application cloud-ready. Considerations for using the IBM Containers capability and virtual machine capabilities are covered, as well as architecture modernization considerations.

### Public

Developers who want to migrate WebSphere Application Server applications to run on Bluemix Liberty

### Prerequisites

Before taking this course, you should have the following skills:

- Understanding of cloud concepts
- Java programming
- Using Eclipse IDE

### Objective

After you complete this course, you can perform the following tasks:

- Identify applications to migrate to the cloud
- Explain the run times and deployment options that are available in IBM Bluemix
- Use the IBM WebSphere migration tools
- Migrate Java applications to IBM Bluemix

### Topics

#### **Migrating applications to Bluemix**

- Describing a cloud application

- Migrating applications to Bluemix
- Considerations for porting to Cloud Foundry run times

### **Migrating Java applications to Bluemix**

- Introduction to WebSphere Application Server Liberty profile
- Introduction to Eclipse and Liberty development environment and tools
- State in cloud applications
- Application scaling on IBM Bluemix
- Migration tools
- Handling external dependencies

### **Developing modern web applications**

- Considerations for developing native cloud applications

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