# Integrating Bluemix Applications with

**On-premises Resources**



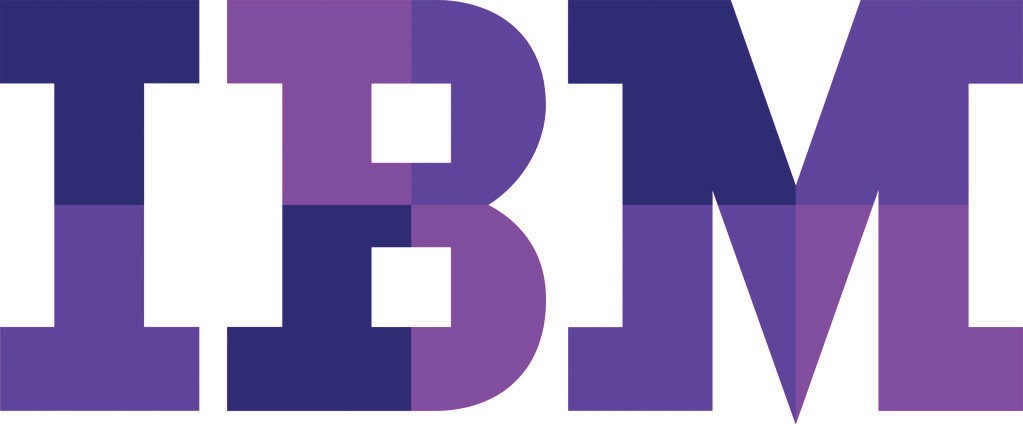
CK101 (Classroom)

## Course description

This 2-day course explains integrating cloud applications that run on IBM® Bluemix® environment to access on-premise data and application. The course walks through the integration concepts, the secure gateway implementation and options to integrate additional API and data access.

The lab for this course uses the Bluemix environment.

For information about other related courses, visit the IBM Training website:



<http://www.ibm.com/training>

## General information

**Delivery method**

Classroom or instructor-led online (ILO)

**Course level**

ERC 2.0

**Product and version**

IBM Bluemix

**Audience**

This course is designed for application developers who are implementing integration between a Web-based Bluemix environment as System of Engagement with the on-premise application as the System of Record.

**Learning objectives**

* Describe Hybrid cloud challenges
* Implement secure gateway
* Use API management, Connect and Compose, DataWorks and user-defined services

**Prerequisites**

Before taking this course, make sure that you have the following skills:

* Java EE Programming skills
* Eclipse application development for Bluemix
* Knowledge of cloud and PaaS concepts

Taking course CK100 Introduction to Bluemix is recommended.

**Duration**

2 days

**Skill level**

Intermediate / Advanced

**Classroom (ILT) setup requirements**

Use image.

## Notes

The following unit and exercise durations are estimates, and might not reflect every class experience.

This course is a new course.

## Course agenda

The course contains the following units:

1. Introduction to Bluemix Integration

The unit describes the Hybrid cloud integration options that are available in the IBM Bluemix environment.

Number of demonstrations: 0 Number of exercises: 3 Estimated time: 2.5 hours

1. Secure Gateway

This unit explains about the Secure Gateway facility that creates a tunnel of communication from IBM Bluemix to the on-premise environment.

Number of demonstrations: 0 Number of exercises: 5 Estimated time: 4.5 hours

1. API and data integration

This unit explains more services in IBM Bluemix that can help building hybrid cloud based application. The services are API Management, Connect & Compose, and DataWorks. This unit also describes user-defined services to enhance integration capabilities.

Number of demonstrations: 0 Number of exercises: 5 Estimated time: 4 hours

## For more information

To learn more about this course and other related offerings, and to schedule training, visit ibm.com/training.

To learn more about validating your technical skills with IBM certification, visit ibm.com/certify. To stay informed about IBM training, visit the following sites:

IBM Training News: <http://bit.ly/IBMTrainEN>

YouTube: youtube.com/IBMTraining Facebook: facebook.com/ibmtraining Twitter: twitter.com/websphere\_edu