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## Mobile Application Development and Deployment with IBM MobileFirst Platform Foundation V7.1 Information

<b>Length:</b>	3.0 Days
<b>__Ref:</b>	CK500G-X
<b>Delivery method:</b>	ClassroomInstructor Led Online
<b>Price:</b>	EUR

### Overview

This course explains the techniques for developing mobile applications using IBM MobileFirst Platform Foundation V7.1. The techniques mainly address hybrid applications that can run on multiple platforms. It also explains platform specific development on Android and iOS environments. The course also explores deployment and team development capabilities provided by IBM MobileFirst Platform Foundation V7.1.

### Public

This course is designed for application developers who wanted to develop mobile applications using IBM MobileFirst Platform Foundation V7.1.

### Prerequisites

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

- Basic understanding of Representational State Transfer (REST) services
- Experience in Java or web development with Eclipse, and a good knowledge of the following web technologies:
- HTML5
- JavaScript
- Cascading Style Sheets (CSS) 3

### Objective

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

- Develop a mobile application to run on an Android or iOS platform by using the IBM MobileFirst hybrid coding approach
- Use IBM MobileFirstclient-side APIs for cross-platform portability
- Use the Apache Cordova framework to access native device functions
- Use IBM MobileFirstserver-side APIs for back-end integration
- Include the jQuery Mobile or Dojo Mobile UI frameworks in an application

- Secure a mobile application by using various IBM MobileFirst authentication techniques
- Describe the architecture of location services
- Describe the components for team development
- Manage application updates and versions

## Topics

**Introduction to IBM MobileFirst Platform Foundation**

**Overview of MobileFirst Studio**

**Developing and testing the user interface**

**Client-side core APIs**

**IBM MobileFirst client-side development: Local storage APIs**

**Working with UI frameworks**

**Apache Cordova**

**Integration adapters**

**Native and web page integration**

**Using MobileFirst native APIs**

**Security**

**Location services**

**Notification mechanisms**

**Deploying an application from development to production**

**Team development, Application Center, Container, and Bluemix**