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Mobile Application Administration with IBM MobileFirst Platform Foundation V7.1 Information

Length:	2.0 Days
__Ref:	CK501G-X
Delivery method:	ClassroomInstructor Led Online
Price:	EUR

Overview

In this course, you learn about the capabilities of IBM MobileFirst Platform Foundation V7.1 and how to use it to deploy and manage mobile applications. The course begins with overviews of mobile development, IBM MobileFirst Platform, and MobileFirst Studio. You then learn about the essential administrative tasks involved with the management of cross-platform mobile applications. The course covers topics that include IBM MobileFirst security, push notification monitoring, operational analytics, direct update and version management, deploying applications from development to test or production, using the command-line interface, tuning MobileFirst Server for performance and managing applications with the IBM Application Center. The lab environment for this course uses the Windows platform.

Public

This course is designed for experienced system administrators who want to deploy and manage applications to Android and iOS mobile environments by using IBM MobileFirst Platform Foundation V7.1.

Prerequisites

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

- WebSphere system administration
- Basic knowledge of web application development
- Basic knowledge of Eclipse

Objective

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

- Describe the main capabilities of IBM MobileFirst Platform Foundation
- Describe the MobileFirst Platform Foundsation component architecture
- Explain MobileFirst application security concepts
- Secure the MobileFirst Server environment
- Use the MobileFirst Console to monitor push notifications

- Manage application updates and versions
- Deploy applications from a development to a remote test or production environment
- Use MobileFirst Command Line Interface (CLI)
- Monitor device usage statistics and other analytics data through MobileFirst Analytics Console
- Configure the IBM Application Center and use it to manage mobile application distribution within an organization
- Tune the MobileFirst Server for optimal performance

Topics

Introduction to IBM MobileFirst Platform Foundation V7.1

- IBM MobileFirst components and architecture
- MobileFirst development capabilities
- Application management and monitoring capabilities
- New features in Version 7.1

Introduction to MobileFirst Studio and the Mobile Browser Simulator

- IBM MobileFirst Studio installation and configuration
- Overview of mobile development steps
- *Exercise:* Exploring MobileFirst Studio and the Mobile Browser Simulator

Monitoring push notifications

Direct Update

Installing MobileFirst Server

- MobileFirst Server installation overview
- Installing MobileFirst Server
- Installing Apache Ant
- *Exercise:* Installing the MobileFirst Server

Deploying an application from development to production

Overview of application deployment

Deploying an application

Exercise: Deploying an application to WebSphere Application Server

Overview of MobileFirst command line interface (CLI)

- Overview of MobileFirst CLI
- Installing MobileFirst CLI
- Common MobileFirst CLI commands
- *Exercise:* Installing and using MobileFirst CLI

MobileFirst operational analytics

- IBM MobileFirst Platform Operational Analytics overview
- Installing and configuring IBM MobileFirst Platform Operational Analytics
- Viewing analytics data in the MobileFirst Analytics Console
- *Exercise:* Installing MobileFirst Platform Operational Analytics

MobileFirst security for administrators

- Authentication concepts and entities
- WebSphere LTPA-based authentication

IBM Application Center

- *Exercise:* Exploring the IBM Application Center
- Tuning MobileFirst Server
- Course summary