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Learning Style: On Demand

Provider: Microsoft

Difficulty: Intermediate

Course Duration: 12 Hours

DevOps for Mobile Apps



About this course:

In the environment of DevOps, you can build, test, and deploy mobile applications using Visual Studio App Center (VSAC). With the help of this course, you will figure out how to manage and set up various applications, testers, associations, and groups using App Center Test, App Center Build, and App Center Distribute.

The practices of DevOps using VSAC help the groups of development to releases organized and keep builds as they are circulated to colleagues, client beta testers, groups of testers, right into application stores like iTunes and Google Play. This course includes the mechanization of tedious errands, for example, build and build signing within a streamlined work process. Figure out how to test on numerous physical gadgets by creating sets of gadgets and choosing from more than twenty-five hundred gadgets and more than 400 iOS configurations and the versions of Android.

The normal compensation for a DevOps Developer is \$131,000 every year.

Course Objective:

- How to manage and setup Visual Studio Mobile Center (VSMC)
- The way connect to repositories and build applications in Visual Studio Mobile Center (VSMC)
- Step by step instructions to test applications using Xamarin Test Cloud
- The best method to build and deploy applications using HockeyApp

Audience:

Engineer

Developer

Prerequisite:

- Information on Azure.
- Fundamental understanding of the development of the mobile application.
- Fundamental information on application development procedures and practices.
- Knowledge of general DevOps practices

Suggested prerequisite course:

Introduction to DevOps Practices

Career Path:

[App Development...](#)

Course Outline:

Introduction to Visual Studio App Center (VSAC)

- What Is Visual Studio App Center (VSAC)
- Manage Apps
- Manage Organizations
- Lab

- Module 1 Review Questions

Building Apps with VSAC

- Overview
- Configure a Build
- Sign a Build
- Test App on Real Device
- Lab
- Module 2 Review Questions

Testing Apps with VSAC

- Overview
- Create a New Test Run
- Prepare Tests for Upload
- Submit Tests
- Review Test Results
- Lab
- Module 3 Review Questions

Distributing Apps with VSAC

- Overview
- Release a Build
- Manage People
- Install a Build
- Distribute to Stores
- Lab
- Module 4 Review Questions
- Course Ending

Final Exam

- Graded Final Exam?

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