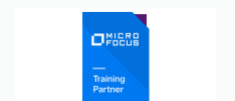


Szkolenie: Micro Focus
 MC01SP - Introduction to Mobile Center



Cel szkolenia:

This digital learning introduces the Mobile Center software and describes how an organization can leverage this software to develop mobile applications and test the applications as part of the development process. The audio for this course was generated using a text to speech program.

Upon successful completion of this course, you should be able to:

- Describe the mobile application lifecycle
- Describe the basic preparation required for Mobile Center
- Use Sprinter for Mobile and Sprinter for Application Lifecycle Management (ALM)
- Describe the Unified Functional Testing (UFT) options for mobile testing
- Complete performance testing using LoadRunner and Mobile Center
- Configure the Network Virtualization for mobile integration with Mobile Center

Audience/Job Roles

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Plan szkolenia:

- Introduction to Mobile Applications
 - Explain the Mobile Center application
 - Provide an overview of how to use Mobile Center to test mobile devices
 - Describe other applications that work with Mobile Center to test mobile devices
 - Describe how to test mobile devices simulating real world conditions
- Mobile App Lifecycle

- Describe the importance of the Mobile Center application
- Explain how to deliver high-quality mobile apps
- Explain how to integrate mobile apps with external services
- Describe licensing
- Mobile Center Deployment
 - Explain how to deploy Mobile Center
 - Explain how to connect Android and iOS devices
 - List the prerequisites for Mobile Center installation and configuration
 - Install and configure Mobile Center
 - Perform admin tasks such as user management, LDAP configuration, reservations, and test Amazon Device Farm (ADF) devices
 - Discuss Mobile Center UI
- Connect Mobile Devices
 - Describe the pre-requisites for connecting android and iOS devices to Mobile Center
 - Explain how to troubleshoot the issues that occur while connecting the android and iOS devices
 - Explain how to connect your android and iOS device
 - Explain how to work with emulators
- Working with Sprinter
 - Define Sprinter
 - Connect Sprinter with Mobile Center
 - Create a test plan, capture test steps, and run tests
 - Compare Sprinter for mobile with Sprinter for ALM
- Testing with UFT
 - Connect UFT with Mobile Center
 - Record scripts in Default and Insight modes
 - Add checkpoints and simulate events
 - Create automated functional tests using UFT and Mobile Center
- Working with LoadRunner
 - Create a performance script using Virtual User Generator
 - Create a performance script in Mobile Center
 - Set up a LoadRunner Controller scenario
 - Perform LoadRunner analysis
 - Explain performance testing with LoadRunner and Mobile Center
- Network Virtualization
 - Define Network Virtualization
 - Install and configure Network Virtualization

- Configure Mobile Center to work with Network Virtualization
- Run tests with Network Virtualization
- Analyze test results
- Explain the additional functionalities of Mobile Center for monitoring and analyzing your application
- Manage Mobile Applications
 - Define what is meant by packaged applications
 - Describe the iOS signing service and Android packaged service
 - Upgrade applications using the Upgrader tool
 - Package Android and iOS applications manually
 - View, upload, and manage applications using MC
- Advanced Topics
 - Integrate MC with AppPulse to obtain mobile analytics
 - Integrate MC with Fortify on Demand to manage the application's security
 - Use Sentiment Analysis to retrieve application sentiment data
 - Integrate MC with Ubertesters to perform crowd testing
 - Integrate MC with SafeDK to check the compliance of the Android application's SDKs
- Working with LeanFT (UFT Pro)
 - Connect LeanFT to Mobile Center
 - Select a test application and device
 - Create test objects and steps
 - Run the test and view the results
- Working with Appium
 - Explain the Appium architecture
 - Describe the general limitations of Appium
 - Describe the limitations of Appium for Mobile Center
 - Prepare and run a Appium test in the Eclipse environment
- Continuous Testing
 - Explain the ALM extension for Mobile Center
 - Configure Mobile Center from ALM
 - Describe the Application Automation Tools plug-in for the Jenkins continuous integration server
 - Explain the Restful API feature of Mobile Center

Wymagania:

To be successful in this course, you should have a general knowledge of mobile devices and Software

Testing. If you need a basic primer of Function Testing you can consider our Functional Testing Solutions (Digital Learning).

Poziom trudności



Certyfikaty:

The participants will obtain certificates signed by Micro Focus (course completion). This course prepares you also for such related Micro Focus certification exam: Mobile Center 2.x ASP EXAM

Prowadzący:

Authorized Micro Focus Trainer.