

Android Environment Setup for Mobile Test Execution

- **Setup on Android Device**

Step 1: Go to Settings of the Android Device

Step 2: Enable Developer Options by tapping Build Number for 7 times under About Phone menu

Step 3: Enable USB Debugging and Stay Awake option under the Developer Options menu

- **Setup on Desktop PC**

Step 1: Install Android SDK

Step 2: Install Appium Server

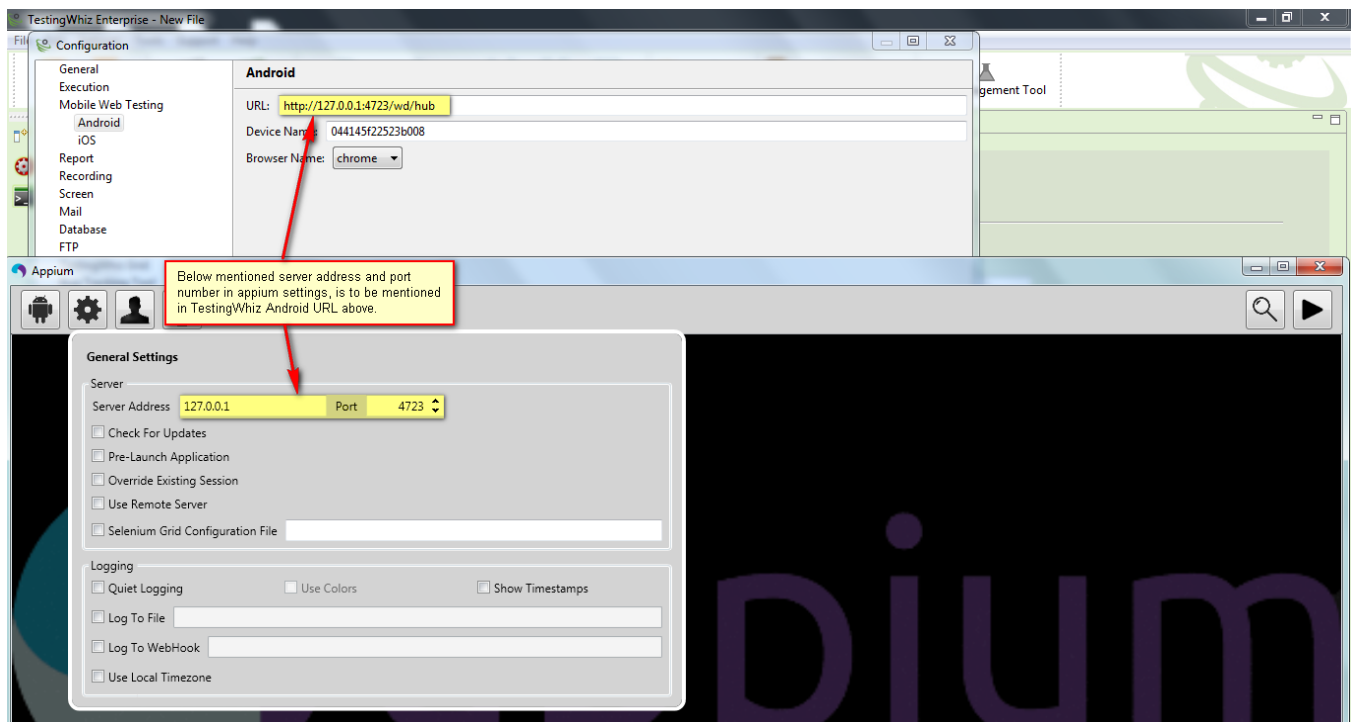
Process to Execute Test Cases on Android Simulator

Step 1: Create and start a new device by using AVD Manager.

Step 2: Start the Appium Server.

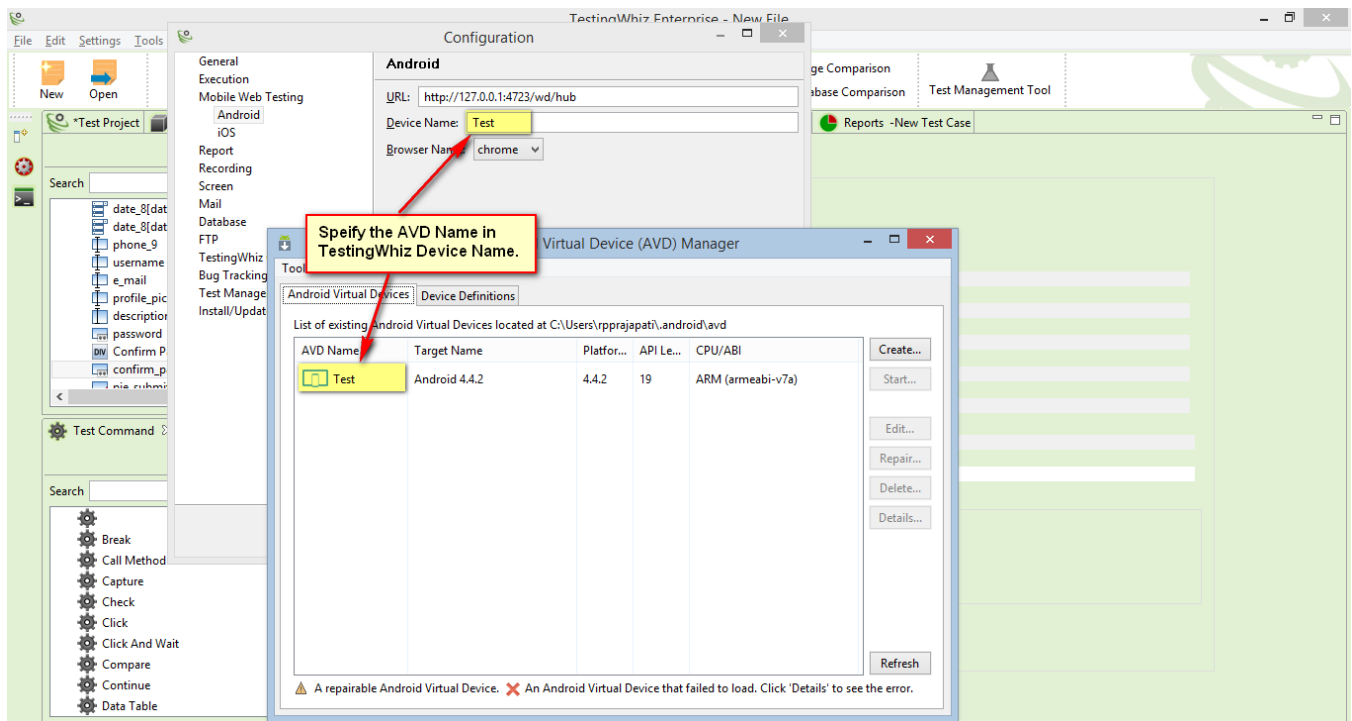
Step 3: Copy the Appium Server Address and Port Number

Step 4: Paste the copied Server Address and Port Number into Server URL field – TestingWhiz Settings>Configurations>Mobile Web Testing>Android



Step 5: Copy the Android Simulator Name.

Step 6: Paste the copied Simulator Name into Device Name field - TestingWhiz Settings>Configurations>Mobile Web Testing>Android



Step 7: Select the Browser from the Browser Name drop-down.

Step 8: Apply and Test the Connection.

Step 9: Close the Configuration Window.

Step 10: Execute the Test Case on Android Simulator.

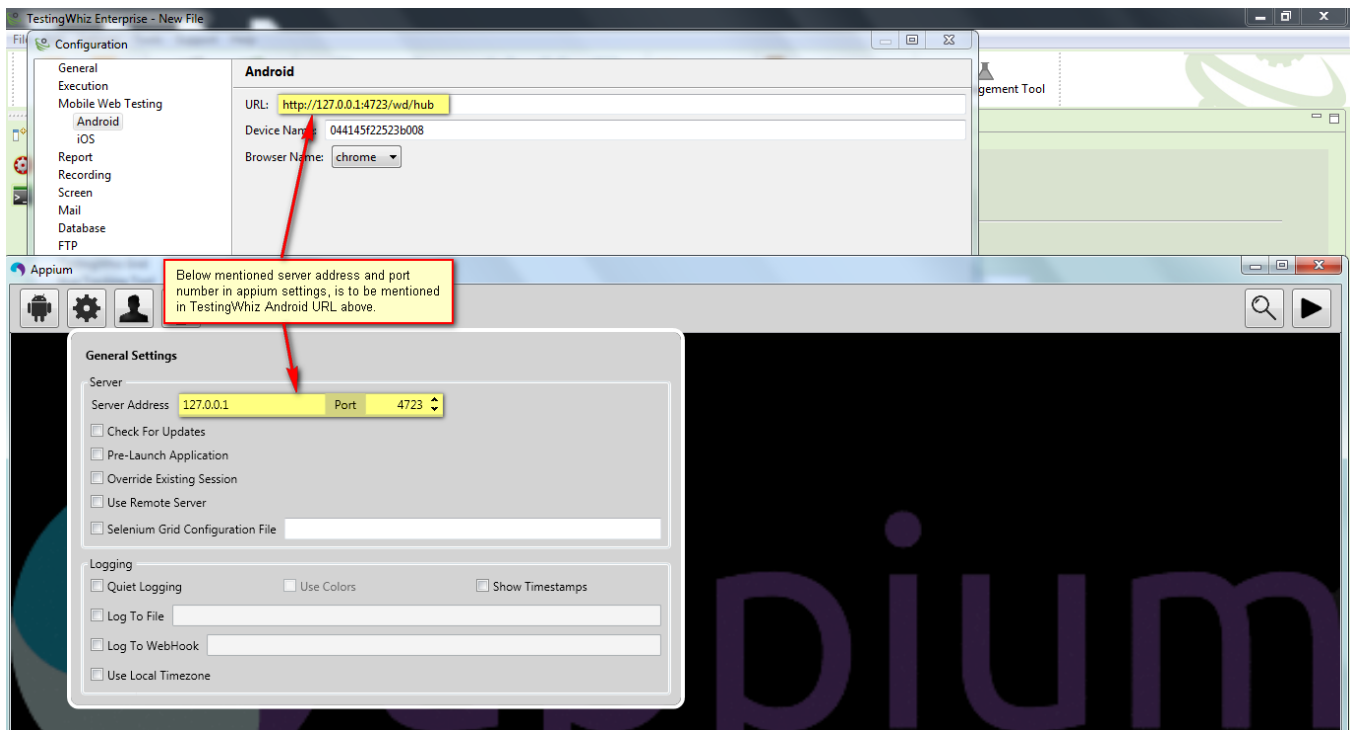
Process to Execute Test Cases On a Real Android Device

Step 1: Connect a real Android device with the Desktop PC using a cable.

Step 2: Start the Appium Server.

Step 3: Copy the Appium Server Address and Port Number.

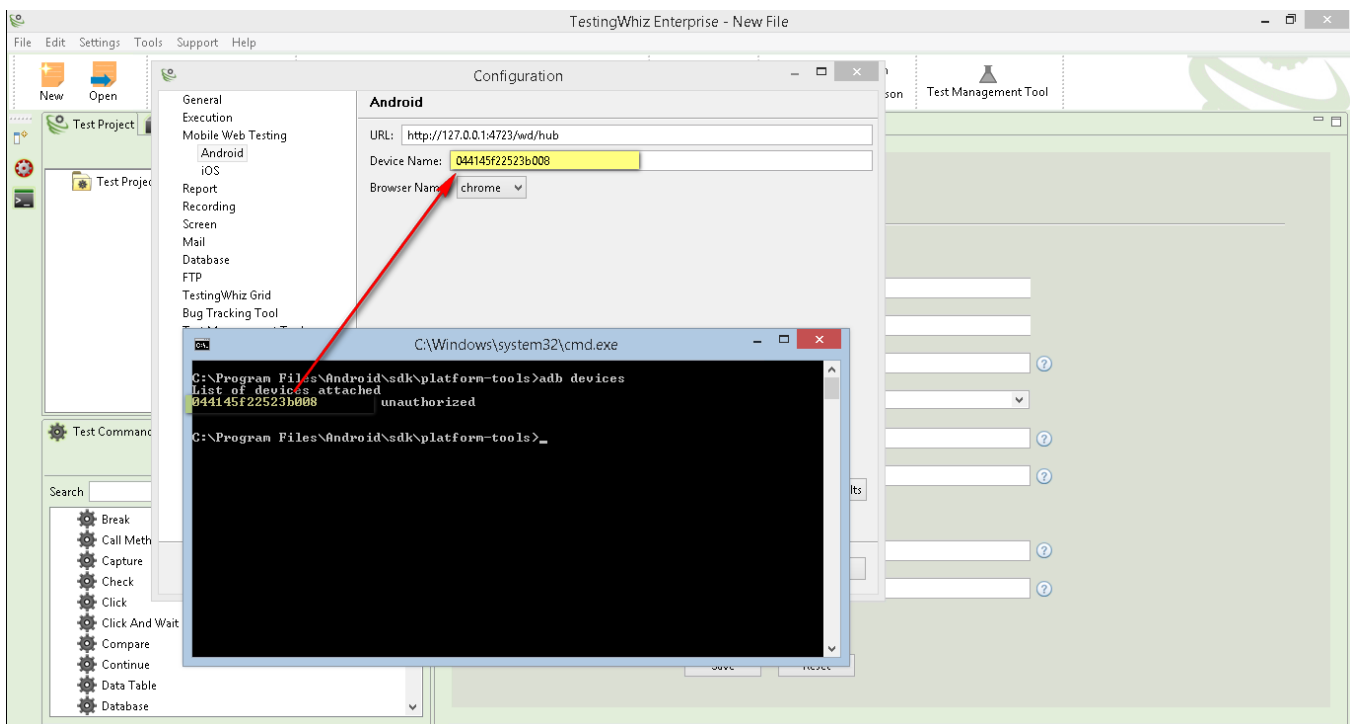
Step 4: Paste the copied Server Address and Port Number into Server URL field - TestingWhiz Settings>Configurations>Mobile Web Testing>Android.



Step 5: Press Shift + Right Click to open command prompt under Platform-tools folder of Android SDK.

Step 6: Run 'adb devices' command and copy the Device ID.

Step 7: Paste the Device ID into Device Name field - TestingWhiz Settings>Configurations>Mobile Web Testing>Android.



Step 8: Select the Browser from the Browser Name drop-down.

Step 9: Apply and Test the Connection.

Step 10: Close the Configuration Window.

Step 11: Execute the Test Case on a real Android Device.