

## 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

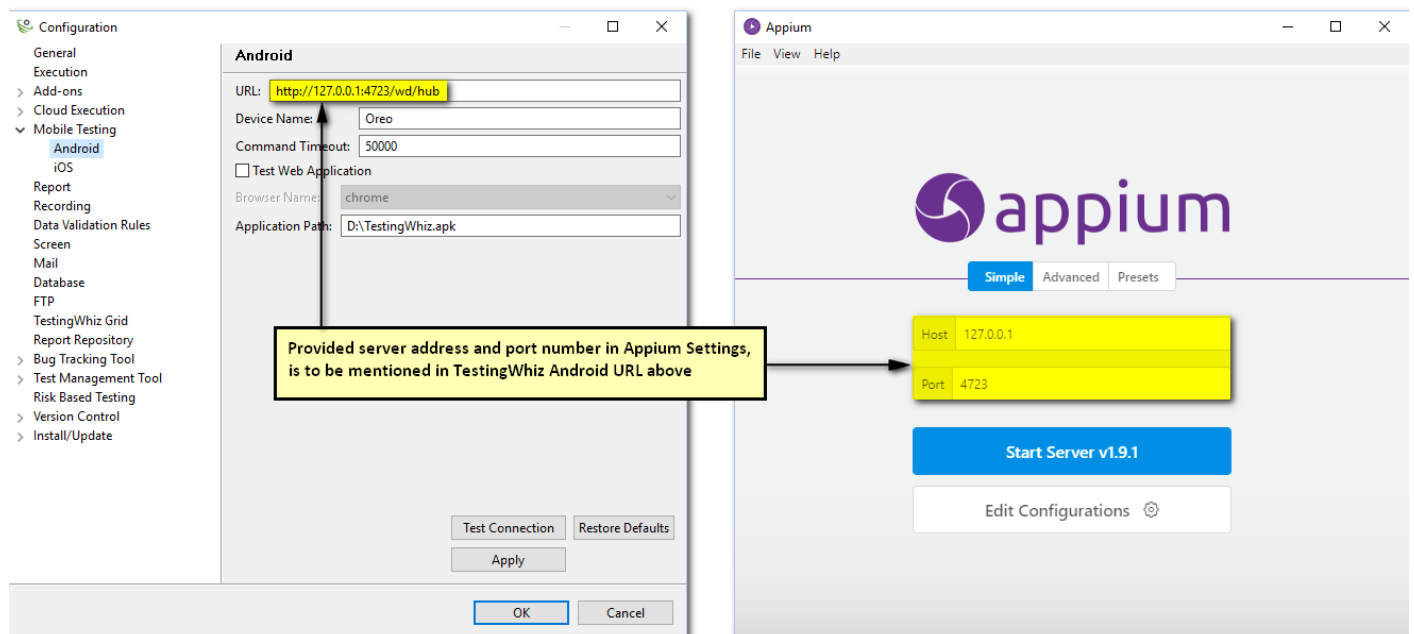
### Process to Execute Test Cases on Android Emulator

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

**Step 2:** Start the Appium Server.

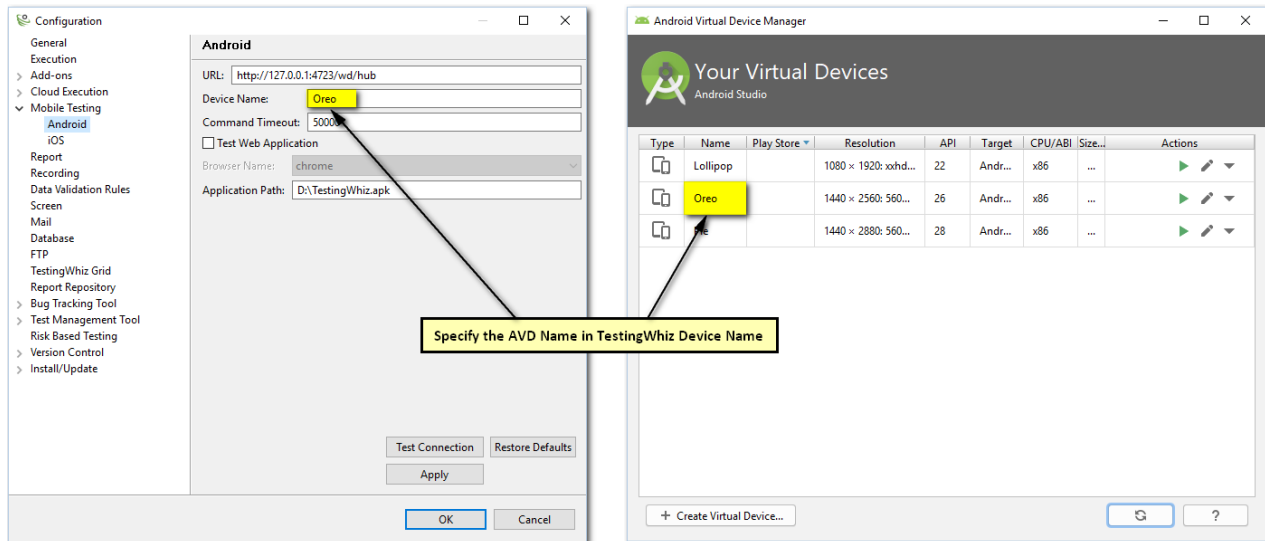
**Step 3:** Copy the Appium Server Address and Port Number

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



**Step 5:** Copy the Android Emulator Name.

**Step 6:** Paste the copied Emulator Name into Device Name field - TestingWhiz Settings>Configuration>Mobile Testing>Android



**Step 7:** Apply and Test the Connection.

**Step 8:** Close the Configuration Window.

**Step 9:** Execute the Test Case on Android Emulator.

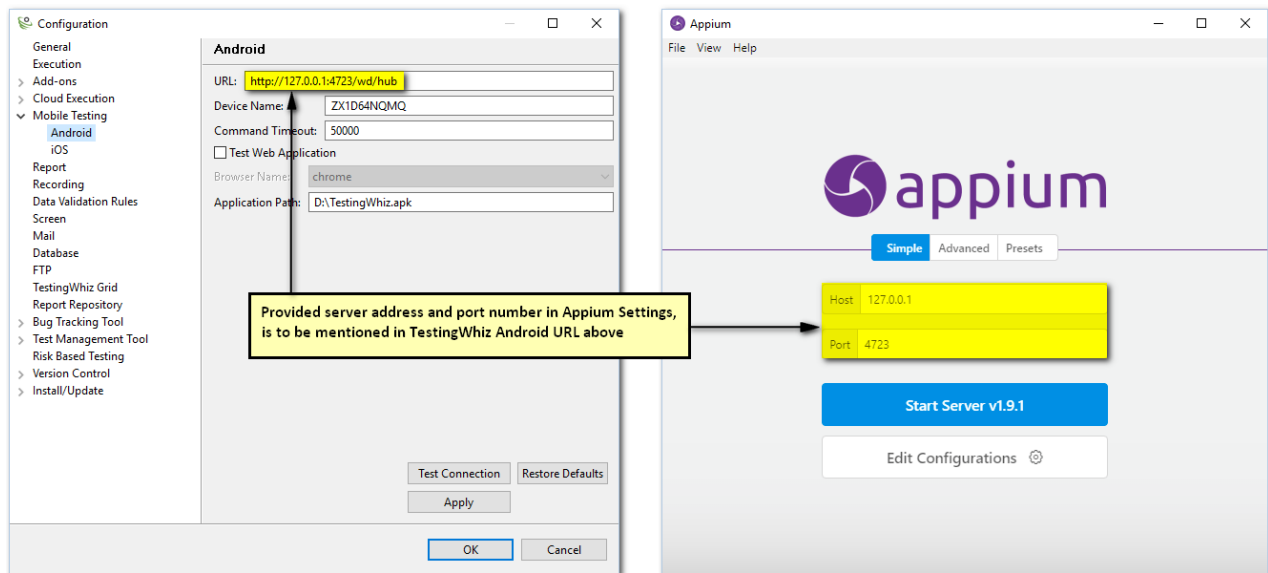
## Process to Execute Test Cases On a Real Android Device

**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.

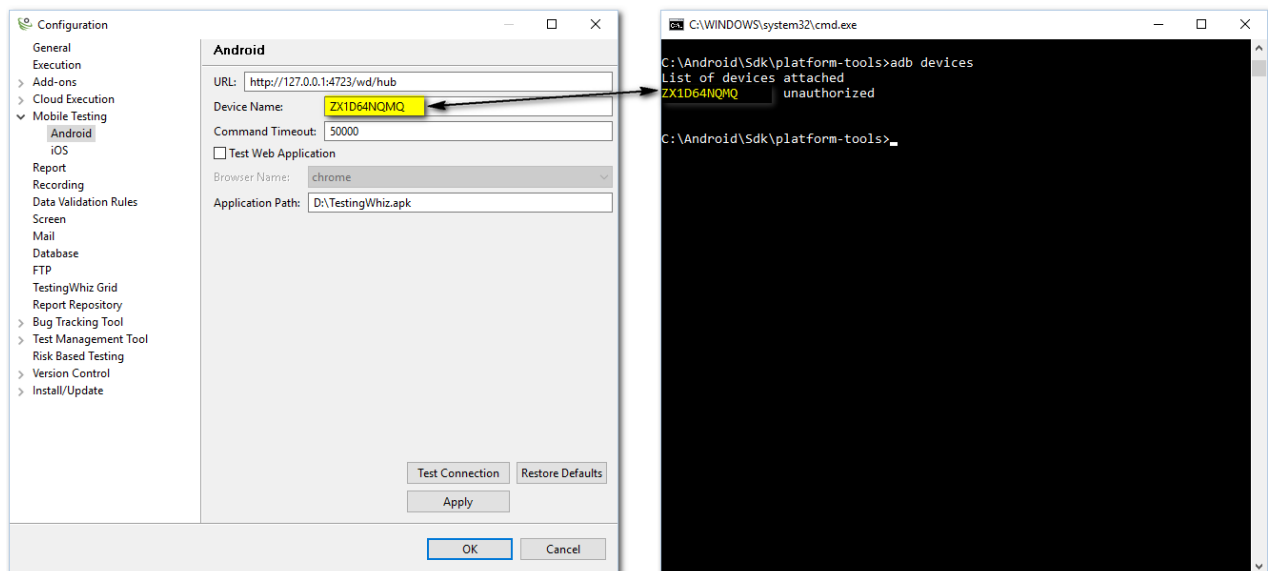
**Step 4:** Paste the copied Server Address and Port Number into Server URL field - TestingWhiz Settings>Configuration>Mobile Testing>Android.



**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 > Configuration>Mobile Testing>Android



**Step 8:** Apply and Test the Connection.

**Step 9:** Close the Configuration Window.

**Step 10:** Execute the Test Case on a real Android Device.

**Note:** For Web Application testing, check the “Test Web Application” option available within the Android Configuration, select the Browser and click on Apply