

Debugging Android Apps in Perfecto Lab

Use DevTunnel to create a secure connection to the Perfecto device, select the Perfecto device from the IDE device selector, and run the debugger.

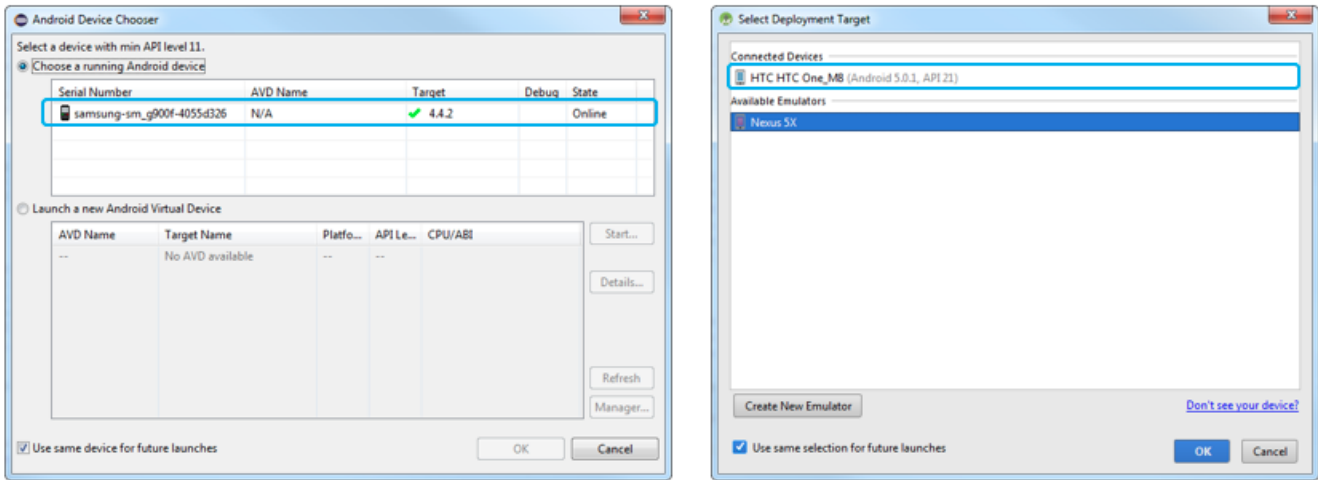
Using Perfecto Lab devices as the platform for debugging your Android application is a simple process:

- Open the device in the Perfecto Lab, either in the IDE ([Legacy | Eclipse](#), [IntelliJ](#), or [Legacy | Android Studio](#)) plugin or in an Interactive Perfecto Lab session.
- [Connect the device](#) to your development station with DevTunnel.
- Debug your app, selecting the Perfecto Lab device that appears as a USB-connected device from device selector tool.

Debug on the Device

From your IDE - either IntelliJ, Android Studio, or Eclipse - run the debugger on your Android app. You can debug the application or the Espresso unit tests directly on the Perfecto Lab device.

In the device selector window you should see the Perfecto Lab device in the list of connected devices. Select the device and click **OK**.



The debugger will automatically build the *apk* file and install it on the Perfecto Lab device. All debugger breakpoints will work as if the device were connected directly to the development computer.

The following video shows a short debugging session in Android Studio, using a Perfecto Lab device connected through DevTunnel: