

## Requirements

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- The latest version of Android SDK Platform Tools. Reference this page for installation on Mac/Windows/Linux:  
<https://developer.android.com/studio/releases/platform-tools>
- Approved release of Mulaah .apk file for installation on the Android device
  - Download the latest version from:  
[https://github.com/mulaahmobile/production-surge/raw/master/surge\\_app-release.apk](https://github.com/mulaahmobile/production-surge/raw/master/surge_app-release.apk)
- Surge Android device, such as the *VOLT\_5XL*
- Appropriate USB cord to connect the device to the workstation running the Platform Tools (specifically ADB)

## Setup Process

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The following steps will assist to install the            launcher on a pristine Android device, as well as remove the default launcher.

1. Make sure the device is charged, then power it on
2. Enable “Developer Mode” on the device (*reference* <https://developer.android.com/studio/debug/dev-options#enable> for details):
  - Open **Settings -> System -> About Phone**
  - Scroll down to the bottom, and click on **Build Number** 7 times
  - Go back one level to the **Settings -> System** menu and select **Developer Options**
  - Scroll down to the “**Debugging**” section, and enable **USB Debugging**



3. Start the *Android Debugging Bridge (ADB)* on the workstation (if not already running)
  - In a terminal window, type “**adb devices**”
  - If the service is not currently running on the workstation, this will automatically start it
4. Connect the device to the workstation using the proper USB cable
  - A popup asking, “Allow USB Debugging?” should appear
  - Check the box “Always allow from this computer”, and then “OK”
5. Check to ensure the phone is properly registered with ADB
  - In a terminal window, type “**adb devices**”. It should return the following results:
    - “SURGEVOLT5XL0ADW      device”
6. Install the Mulaah launcher application
  - Type “**adb install [path and name of APK supplied with this document]**”
  - Hint: You can type “adb “ and then drag + drop the file from Finder into the terminal so you don’t have to type the entire path
7. Remove the default launcher which was installed on the device
  - Type “**adb shell**” to open a shell on the device
  - Type “**pm uninstall -k --user 0 com.android.launcher3**”
  - Type “**reboot**” to reboot the device
8. Disable “Developer Mode” on the device
  - Open the **Settings -> System** menu and select **Developer Options**
  - Toggle Developer Options from ON -> OFF

