

# Android

## Customization

### Delete fingerprint profiles via TWRP

- Boot into TWRP
- Go to advanced > filemanager to access the files in your phone.
- Enter the folder /data/system/user/0
- Delete following files: ./fpdata/user.db, settings\_fingerprint.xml
- Reboot to system and set up new fingerprints with the fingerprint wizard
- Everything should work normal

### Fix PIN errors after restoring from TWRP backups

In TWRP go to Advanced > File Manager, and go to the /data/system folder. Scroll down and find the two files with the .key extension. Delete both of them. Then, delete all the files containing the word locksettings.

Delete the following files:

- password.key
- pattern.key
- locksettings.db
- locksettings.db-shm
- locksettings.db-wal

### Delete System Apps

Works without root:

```
adb shell
pm uninstall -k --user 0 [app]
```

Example [app] = net.oneplus.launcher

```
adb shell
su
mount -o rw,remount /system
rm -rf /system/app/myApp.apk
rm -rf /data/data/com.example.myapp
mount -o ro,remount /system
exit
```

```
exit
```

Maybe this works:

```
adb shell rm /system/app/MyApp*
adb uninstall org.my.app
```

## Commands

### Get device MAC

```
adb devices | tail -n 2 | head -n 1 | awk '{print $1}'
```

## Links

- [\[ROM\]\[OFFICIAL\] LineageOS 15.1 for Nexus 5X \(bullhead\)](#)
- [The Open GApps Project](#)
- [Restoring TWRP backup to a new phone](#)
- [How to Install TWRP](#)
- [How to Change Your Android Encryption Password Without Changing Your Lock Screen Password](#)
- [Build LineageOS for bullhead](#)
- [Download LineageOS 17.1 for Supported Devices](#)
- [LineageOS builds for the Nexus 5X](#)
- [Building LineageOS 15.1 from source](#)
- [Android in a Box - Run Android applications on any GNU/Linux operating system.](#)
- [Sideload ROMs and Mods Using ADB Sideload](#)
- [Flash OTA Update via Recovery and ADB Fastboot Commands](#)
- [TeamWin - TWRP Recovery](#)
- [How to Install TWRP](#)
- [How to Install APK Using ADB Commands](#)
- [Plasma Mobile - Plasma, in your pocket](#)
- [Plasma Mobile update: April-May 2020](#)

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