

## NECESSARY LINKS

- [Editing OEM Software](#), see “this tutorial”
  - [Support 1](#)
- [LineageOS](#)

## MAIN 1 - NECESSARY APPS

- App Inspector

## MAIN 1

- Settings > System > About Phone > Software Information
  - Press build number seven time to enter developer mode
- Settings > System > Developer Options
  - Enable OEM Unlock
  - Enable USB Debugging
- [Download Android platform tools for Linux](#)
- Unzip file in Download folder.
- Open terminal
  - ocean@ocean-alienwareaurorar9:~\$ cd /home/ocean/Downloads/platform-tools
  - ocean@ocean-alienwareaurorar9:~/Downloads/platform-tools\$ ./adb devices
  - ocean@ocean-alienwareaurorar9:~/Downloads/platform-tools\$ ./adb devices
  - ocean@ocean-alienwareaurorar9:~/Downloads/platform-tools\$ ./adb shell
  - *(Paste code on next page)*
    - *Code responsible for the Sprint Network is “com.lge.lgdmsclientspr”*

```
for pkg in \  
com.lge.lgdmsclientspr \  
com.sprint.ecid \  
com.sprint.ms.cdm \  
com.sprint.smf.services \  
com.sprint.w.installer \  
com.sprint.ce.updater \  
com.sprint.zone \  
com.lge.sprintnativewfc.smf \  
com.lge.sprintserver \  
com.lge.lifetracker \  
com.lge.lgwallet \  
com.lge.qhelp.application \  
com.lge.qhelp \  
com.lge.videostudio \  
com.lge.animalresource \  
com.google.android.gm \  
com.google.android.gms.location.history \  
com.lgi.lgmapui \  
com.lge.mirroringhead \  
com.google.android.apps.tachyon \  
com.google.android.apps.magazines \  
com.lge.lgworld \  
com.lge.cmas; do  
pm uninstall -k --user 0 $pkg  
done
```

## SWAP TO LINEAGEOS

- [Change Android Version](#)
- [Link 1](#)
- [Link 2](#)

## NOTES

**ocean@ocean-alienwareaurorar9:~/Downloads/platform-tools\$ ./adb devices**

**List of devices attached**

**LMG820UMbb22d299      device**

**how do i connect to the device to delete packages off it**

**ANS “ ./adb shell “**

To connect to your device via ADB (Android Debug Bridge) and delete packages (apps) from it, follow these steps. Your device is already detected as `LMG820UMbb22d299` with the status `device`, which means it's properly connected and ready for ADB commands.

### ### Prerequisites

1. **\*\*ADB Installed\*\***: You already have ADB set up in `~/Downloads/platform-tools`.
2. **\*\*USB Debugging Enabled\*\***: Since your device is listed, USB debugging is likely enabled on your Android device. If not, enable it in `Settings > Developer Options > USB Debugging`. (If Developer Options isn't visible, go to `Settings > About Phone` and tap `Build Number` 7 times to unlock it.)
3. **\*\*Device Drivers\*\***: Ensure your computer has the necessary drivers for your device (seems fine since it's detected).
4. **\*\*Root Access (Optional)\*\***: Some packages (especially system apps) require root access to remove. If your device isn't rooted, you can only remove user-installed apps or disable system apps (without root).

### ### Steps to Connect and Delete Packages

1. **\*\*Open a Terminal\*\***: You're already in the correct directory (`~/Downloads/platform-tools`).
2. **\*\*Connect to the Device\*\***:
  - Your device is already connected, as shown by `./adb devices`.
  - To interact with the device, you'll use the ADB shell to access its command-line interface.

3. **\*\*Access the Device Shell\*\***:

Run the following command to open a shell on your device:

```
```bash
./adb shell
```
```

This will give you a prompt like `shell@device\_name:/ \$`.

4. **\*\*List Installed Packages\*\***:

To find the package name of the app you want to delete, list all installed packages:

```
```bash
pm list packages
```
```

This will output a list like:

```
```
```

```
package:com.example.app
package:com.android.settings
...
```

- To filter for specific apps, use `grep`. For example, to find packages related to “facebook”:

```
```bash
pm list packages | grep facebook
```
```

Note the package name (e.g., `com.facebook.katana` for the Facebook app).

## 5. **\*\*Delete (Uninstall) Packages\*\***:

There are two main ways to remove packages, depending on whether you have root access:

### #### Option 1: Uninstall User-Installed Apps (No Root Required)

To uninstall a user-installed app (not system apps):

```
```bash
pm uninstall -k --user 0 <package_name>
```
```

- Replace ``<package_name>`` with the app’s package name (e.g., `pm uninstall -k --user 0 com.facebook.katana`).

- The ``-k`` flag keeps the app’s data and cache (optional; omit if you want to delete data).

- The ``--user 0`` flag specifies the primary user (required for non-root devices).

This removes the app for the current user without affecting other users or requiring root. It works for apps you installed from the Play Store or other sources.

### #### Option 2: Disable System Apps (No Root Required)

System apps (pre-installed apps) can’t be uninstalled without root, but you can disable them:

```
```bash
pm disable-user --user 0 <package_name>
```
```

- Example: `pm disable-user --user 0 com.android.bloatware`.

- This disables the app, preventing it from running or appearing in the app drawer, but it remains on the device.

To re-enable a disabled app later:

```
```bash
pm enable <package_name>
```
```

### #### Option 3: Remove System Apps (Root Required)

If your device is rooted, you can fully remove system apps:

- Enter the root shell (if your device has `su` installed):

```
```bash
su
```
```

- Mount the system partition as writable (may vary by device):

```
```bash
mount -o rw,remount /system
```

```

...
- Navigate to the system app directory (usually `/system/app` or `/system/priv-app`):
  ```bash
  cd /system/app
  ```
- Delete the app's APK and related files:
  ```bash
  rm -rf <app_folder_or_apk>
  ```
- Alternatively, use the `pm uninstall` command with root privileges:
  ```bash
  pm uninstall <package_name>
  ```
- Reboot your device to apply changes:
  ```bash
  reboot
  ```

```

**\*\*Warning\*\*:** Removing system apps can cause instability or boot loops. Be cautious and back up your device before proceeding.

#### 6. **\*\*Exit the Shell\*\*:**

When done, exit the ADB shell:

```

```bash
exit
```

```

#### 7. **\*\*Verify Removal\*\*:**

Check the package list again to confirm the app is gone:

```

```bash
./adb shell pm list packages | grep <package_name>
```

```

If the package no longer appears, it was successfully removed or disabled.

#### ### Additional Tips

- **\*\*Find Package Names Easily\*\*:** If you're unsure of the package name, you can use an app like "Package Name Viewer" from the Play Store to identify apps, or check the Play Store URL for the app (the part after `id=` is the package name).

- **\*\*Backup Apps\*\*:** Before deleting, consider backing up the APK:

```

```bash
./adb pull /data/app/<package_name>-1/base.apk
```

```

Replace ``<package_name>-1`` with the actual folder name in `/data/app/`.

- **\*\*Non-Root Limitations\*\*:** Without root, you can't delete system apps, only disable them. If you need to remove bloatware, consider tools like "Debloater" (requires a computer) or research if your device supports rooting.

- **\*\*Check Device Connection\*\*:** If the device stops appearing in `./adb devices`, ensure the USB cable is secure, USB debugging is still enabled, and the device isn't locked.

### ### Example Workflow

To remove the Facebook app (`com.facebook.katana`):

```
```bash
./adb shell
pm uninstall -k --user 0 com.facebook.katana
exit
```
```

Check if it's gone:

```
```bash
./adb shell pm list packages | grep facebook
```
```

### ### Troubleshooting

- **\*\*Device Not Found\*\***: If `./adb devices` shows no devices, try:
  - Switching USB modes (MTP/PTP) in the device's USB options.
  - Using a different USB cable or port.
  - Running `adb kill-server` and `adb start-server`.
- **\*\*Permission Denied\*\***: If a command fails, you may need root access for system apps.
- **\*\*Command Not Found\*\***: Ensure you're in the `platform-tools` directory and use `./adb` (not just `adb`) on Linux/macOS.

If you need help with a specific package or run into errors, let me know the details (e.g., package name, error message, or whether your device is rooted).