



## GrapheneOS: Guide Part 2 Detailed Essential Applications

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This guide details the operations to install and configure each application. Follow these step-by-step instructions, illustrated with screenshots, for a sovereign environment.

**Prerequisites:** GrapheneOS installed on your Pixel (see Part 1).

## 1. INSTALLING STORES AND BASE

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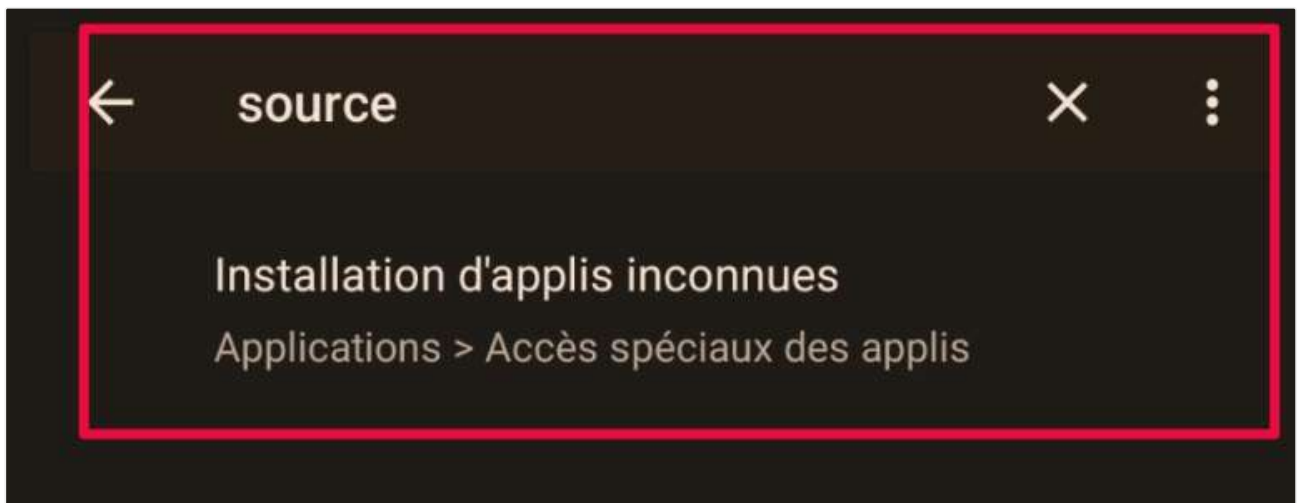
### 1. OBTAINIUM

Store to manage APK updates directly from sources.

Lien officiel / Official Link: [obtainium.imranr.dev](https://obtainium.imranr.dev)

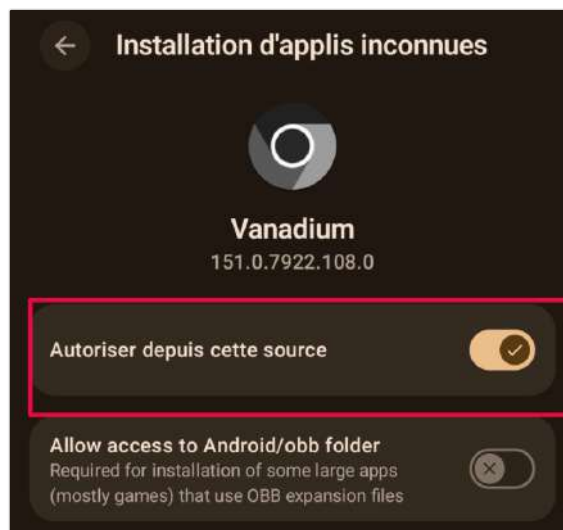
#### STEP 1: AUTHORIZE VANADIUM

Search for "source" in settings:



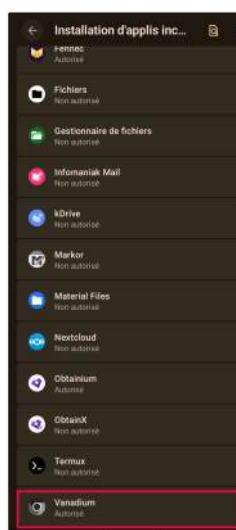
Search "source" → "Install unknown apps"

Find Vanadium and enable permission:



Enable "Allow from this source"

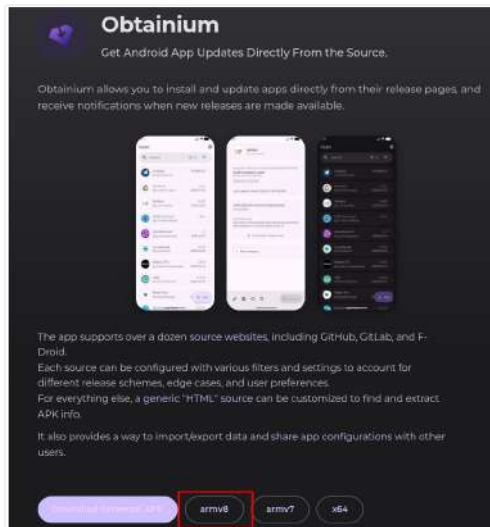
Verify Vanadium is authorized:



Vanadium appears as "Allowed"

## STEP 2: DOWNLOAD OBTAINIUM

Open Vanadium and go to official link. For Pixel, select "armv8" version:



Select "armv8" for Pixel

## STEP 3: INSTALL OBTAINIUM

Open downloaded file, choose "Package installer". Check "Allow Network permission" then install.



Check "Allow Network permission"

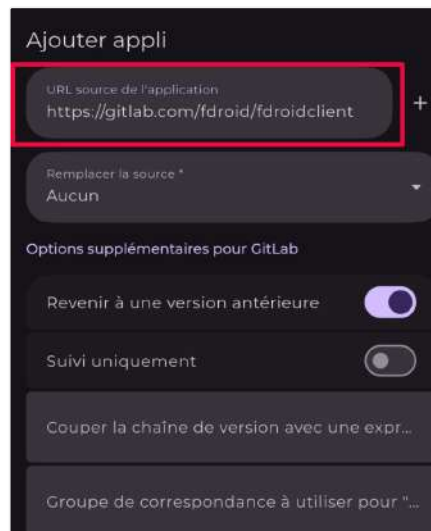
**Important:** Internet access is required for a store.

## 2. F-DROID

Official open-source app store

### STEP 1: ADD F-DROID IN OBTAINIUM

Open Obtainium, click "+ Add". Enter URL: <https://gitlab.com/fdroid/fdroidclient>



*Enter F-Droid GitLab URL*

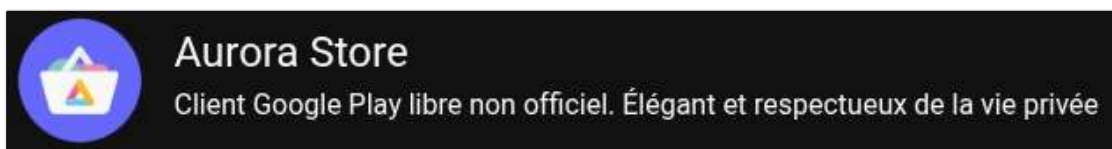
Validate with "+", then install F-Droid from list.

## 3. AURORA STORE

Anonymous access to Google Play Store

### INSTALLATION VIA F-DROID

Open F-Droid, search "Aurora Store" and install.



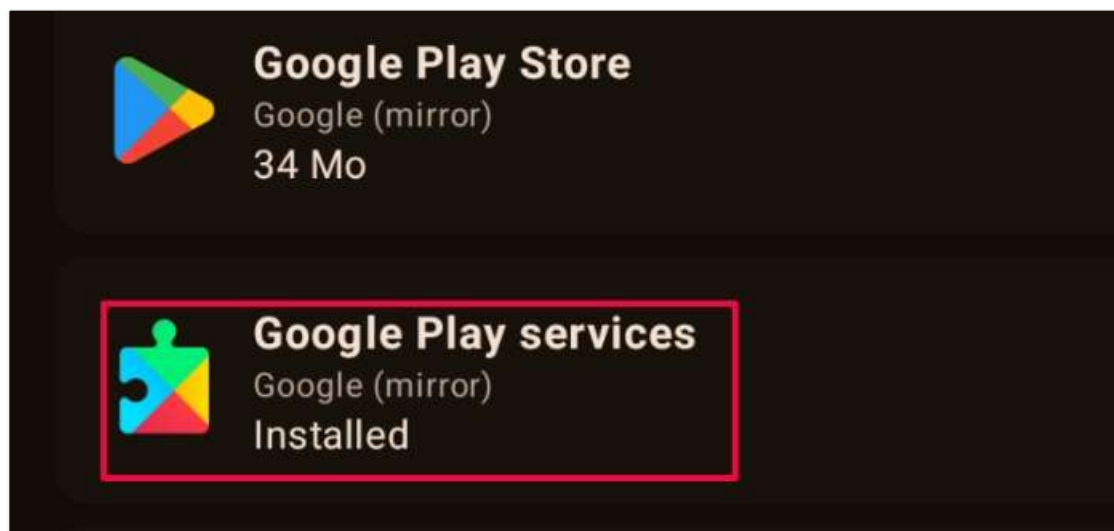
*Aurora Store*

## 4. SANDBOXED PLAY SERVICES

Google Apps Compatibility

### STEP 1: INSTALL VIA GRAPHENEOS APP STORE

Open native App Store and install "Google Play services".



*Status: Installed*

### STEP 2: UNINSTALL PLAY STORE

Play Store installs automatically. Remove it (3 dots > Uninstall). Use Aurora Store instead.

## 2. COMMUNICATION

### DELTA CHAT

Encrypted messaging via email (replaces WhatsApp)

Lien / Link: [F-Droid Delta Chat](#)

**Installation:** Via F-Droid. Automatic encryption.

### INFOMANIAK MAIL

Sovereign Email (replaces Gmail)

Lien / Link: [F-Droid Infomaniak Mail](#)

Create account on [infomaniak.com](#). Recommendation: myKsuite+ plan.

## K-9 MAIL / QUICK / SARACROCHE

- K-9 Mail: [Lien F-Droid](#) (Open source email client)
- Quick: [Lien F-Droid](#) (Traditional SMS)
- Saracroche: [Lien F-Droid](#) (Call/SMS Anti-spam)

## 3. WEB AND NEWS

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### FENNEC & BRAVE

- Fennec (Firefox): [Lien F-Droid](#)
- Brave: [Dépôt F-Droid Brave](#)

### NUNTI (RSS) & NOUTUBE

- Nunti: [Lien F-Droid](#). Add a feed (e.g., [Le Monde](#)).
- NouTube: [Lien F-Droid](#). YouTube without ads.

## 4. OFFICE

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- kDrive: [Lien F-Droid](#) (Sovereign Cloud)
- kMeet: [Lien F-Droid](#) (Video Conferencing)
- Joplin: [Lien F-Droid](#) (Encrypted Notes)
- Markor: [Lien F-Droid](#) (Markdown Editor)
- Material Files: [Lien F-Droid](#) (File Manager)

## 5. MULTIMEDIA

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- Open Camera: [Lien F-Droid](#)
- VLC: [Lien F-Droid](#)
- Jellyfin: [Lien F-Droid](#) (Requires self-hosted server)
- FFShare / Kompact: Video/image compression. ([FFShare](#), [Kompact](#))

## 6. UTILITIES & SYSTEM

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- Organic Maps: [Lien F-Droid](#) (Offline Maps)
- Etar: [Lien F-Droid](#) (Calendar)
- HeliBoard: [Lien F-Droid](#) (Keyboard)
- Termux: [Lien F-Droid](#) (Linux Terminal)
- Quire: [Lien F-Droid](#) (EPUB Reader)
- Translate You: [Lien F-Droid](#) (Offline Translation)
- OTP Helper: [Lien F-Droid](#) (Copy SMS codes)

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*"Digital sovereignty is built app by app."*

