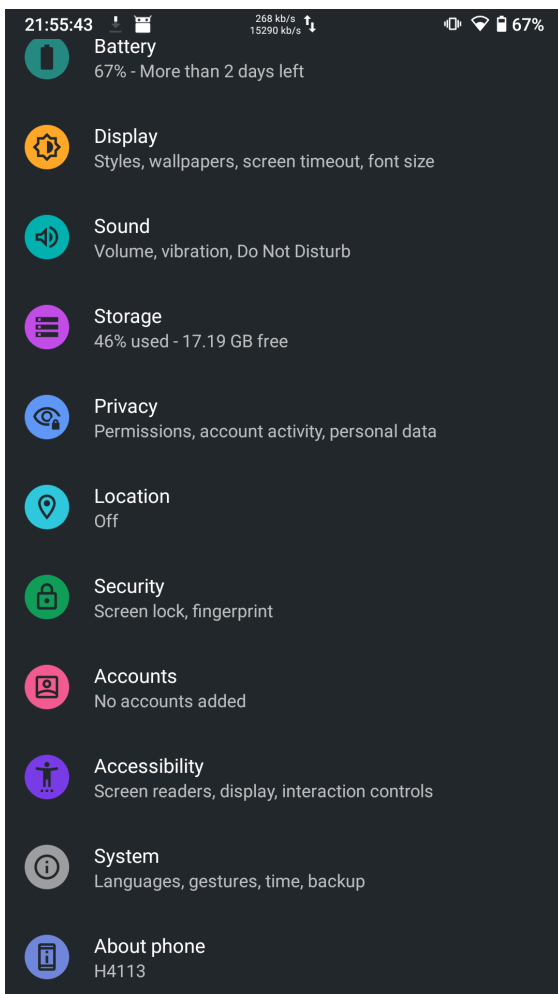


# Updating Lineage OS while keeping root working with Magisk

Decided it would be nice to document how to perform an update, because the releases appear fairly frequently and the process isn't exactly straightforward like clicking *Download and Install* button.

## Perform update normally trough OTA

Navigate to Settings --> System --> Advanced --> Updater. Pick the newest update, download and install. After it has finished, reboot your device.



21:55:49



300 kb/s  
16674 kb/s



67%



## System



Languages & input  
OpenBoard



Buttons



System profiles



Status bar



Gestures



Date & time  
GMT+02:00 Central European Summer Time



Backup  
Off



Reset options  
Network, apps, or device can be reset



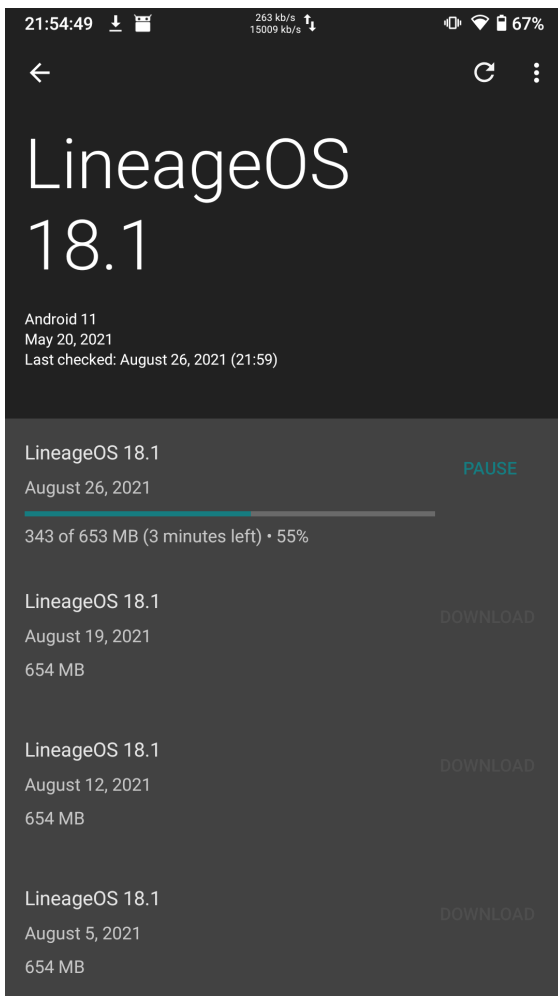
Multiple users  
Signed in as Owner



Developer options



Updater  
Updated to Android 11



After reboot, open Magisk to check if you are still rooted. Most likely, you are not. Now how to fix it. The only way I found working is to basically repeat the whole root process again. In short:

- Download the latest build from Lineage OS website, extract boot.img using payload\_dumper
- Copy boot.img to Android, patch with Magisk
- Copy patched image back to PC
- Use fastboot to flash the patched image

These steps are described in more detail over here: <https://selfhostedfuture.xyz/books/everything-nix-and-libre-software/page/rooting-xperia-xa2-on-lineage-os>

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Revision #7

Created 27 August 2021 21:19:04 by Marek

Updated 6 August 2023 12:13:09 by Marek