LG V30 for Map-A-Droid

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The LG V30 is a solid choice for scanning. Phones from members of the community may be appealing, but one that is economical and powerful makes use over the long term a more valuable goal. I wasn’t familiar with LG phones prior to MAD, but it is a sleeper phone equivalent to Samsung’s Note 8 and the price reflects it. Now that I have done a few, I can unbox them and have them scanning in less than an hour. As of writing this, I am scanning with 6 of them, plus another one ready to go once the next month starts.

Pros:

1. It has the SnapDragon 835 chipset, top of the line in 2017
2. 4gb of ram
3. 128g of storage
4. Economical, I have gotten ones for $50 shipped to the house from eBay
5. Easy to root with a straightforward method
6. Uses a modded stock rom, various versions work

Cons:

1. So far been unable to get smail patcher installed properly. So tin foil it is!
2. Must be a specific model, US998. Other variants may work, but why bother when the US998 is cheap and available.
3. Battery is not removed easily

Directions:

1. Purchase one from eBay, don’t worry so much about condition, MAD won’t care about a cracked screen. I have purchased ones for $50 and ones up to $120, screen just needs to work well enough to root, then scrcpy for the rest.
2. Obtain a decent quality 16GB sd card
3. While waiting for it to arrive, read the rooting directions at <https://forum.xda-developers.com/showpost.php?p=76584629>
4. Download necessary files, links are at the bottom of the post, but there are others like LGup scattered in the page
5. Unbox and give it a full charge
6. Follow the directions on the webpage
   1. Use version a of rom to do all the work
   2. Use Magisk 18.1 to root
   3. Magisk Manager 7.0.0 works fine
   4. Install version H of rom last using twrp
7. Download and install the systemize module for Magisk, reboot to enable
8. Download and install busybox
   1. For the free version, you will need to install to system each time you use it.
   2. Also handy if you get any weird system rw errors, the command to fix that is “busybox mount -o remount,rw /system”
9. Install RGC and PogoDroid
10. Systemize RGC
    1. If systemize can’t find busybox, install busybox different location
    2. Utillize priv-app directory, option 2
11. Setup RGC
    1. Daemon 20 sec
12. Setup PogoDroid
    1. Daemon 40 sec
    2. Injection 90 sec or leave as default 120
13. Fix ip for phone on your router. I use 2.4ghz band for wireless, but feel free to try 5ghz.
14. Developer settings enabled
    1. Stay awake
    2. USB debugging – plug in to computer via cable and confirm computer on phone so you have no issues on adb over tcp
15. System settings
    1. Lower resolution to the lowest setting
    2. Search for ‘updates’, choose system updates
       1. Disable system updates, otherwise you will have an update screen that will kill the scanning
    3. Turn off games tools and break time
    4. Increase screen timeout to 10min
    5. Put phone on do not disturb mode
    6. Setup adb over wifi in shell with following commands in android terminal
       1. su
       2. setprop persist.adb.tcp.port 5555
16. Install pogo
17. Work device into MAD mappings
18. Setup pogo account. Link into google if using existing PTC account