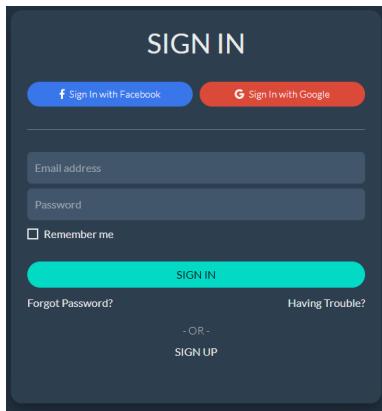
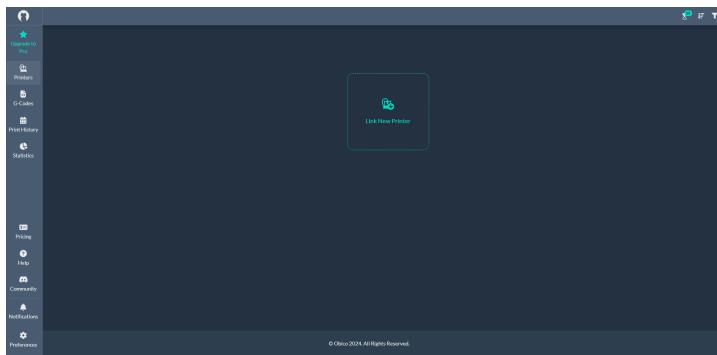


Hello my dear friends!

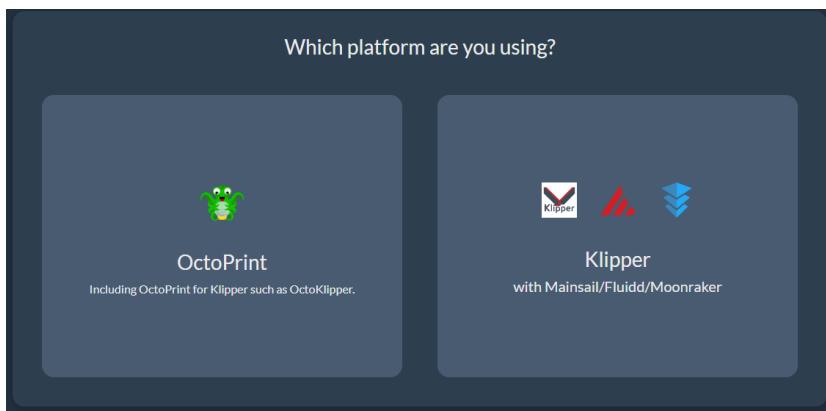
To start we will go to <https://app.obico.io/accounts/login/>



Once logged in via Facebook, Google or via an account you arrive here:

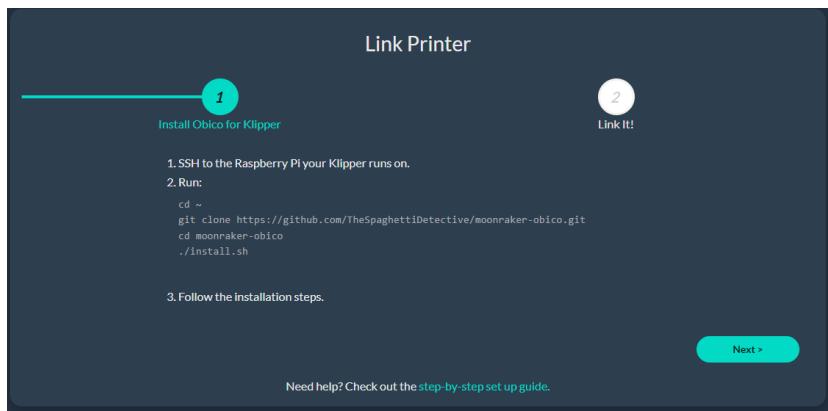


Click Link New Printer



Choose the right option Klipper

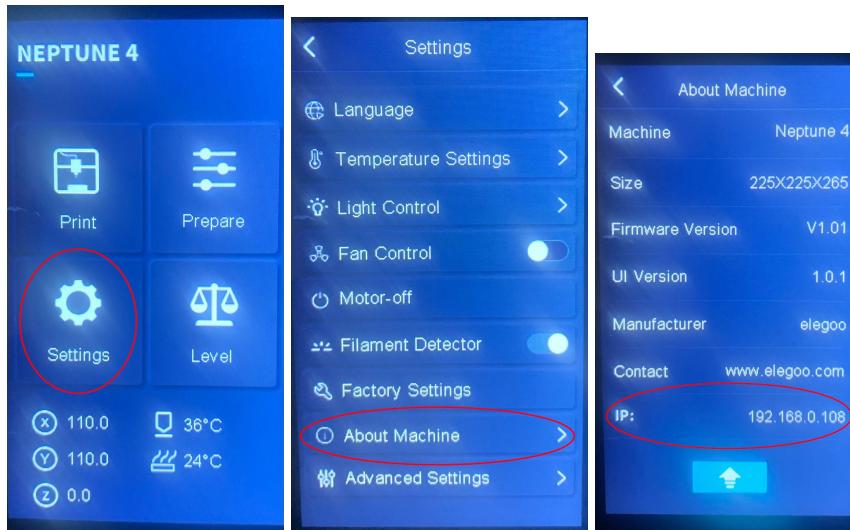
Here you have the information for the installation:



Here we are now going to do the part via SSH and putty (or a terminal like on MACOS via the command: ssh mks@ip\_address\_of\_printer)

You will need to connect your printer to your local network via an ethernet or wifi cable.

Once connected, go to the about machine menu

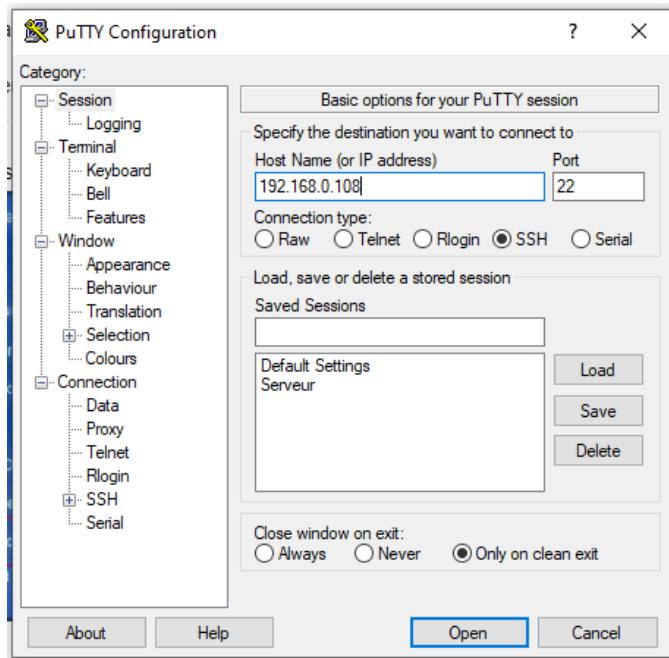


Once in the menu you will have an IP address

Use an application to access your printer via ssh such as the putty application

<https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html>

indicate the ip address in as if below and press open



Type as login: **mks**

password: **makerbase**

(Please note, the password is not displayed, nor small \* or anything else, this is totally normal!)

```
login as: mks
mks@192.168.0.108's password:

Welcome to Armbian 22.05.0-trunk with bleeding edge Linux 5.16.20-rockchip64

No end-user support: built from trunk

System load: 10%          Up time:      9 days 14:16
Memory usage: 23% of 976M   Zram usage:  1% of 488M     IP:         1
92.168.0.108
CPU temp:    64°C          Usage of /:   93% of 6.6G

[ 0 security updates available, 13 updates total: apt upgrade ]
Last check: 2023-12-30 00:00

Warning: a reboot is needed to finish resizing the filesystem
Please reboot the system as soon as possible
```

Now we are going to install Obico using this command line:

```
cd ~  
git clone https://github.com/TheSpaghettiDetective/moonraker-obico.git  
cd moonraker-obico  
.install.sh
```

```
mks@mkspi:~$ cd ~  
mks@mkspi:~$ git clone https://github.com/TheSpaghettiDetective/moonraker-obico.git  
Cloning into 'moonraker-obico'...  
remote: Enumerating objects: 3178, done.  
remote: Counting objects: 100% (1309/1309), done.  
remote: Compressing objects: 100% (325/325), done.  
remote: Total 3178 (delta 1019), reused 1208 (delta 955), pack-reused 1869  
Receiving objects: 100% (3178/3178), 53.93 MiB | 4.10 MiB/s, done.  
Resolving deltas: 100% (2088/2088), done.  
Checking out files: 100% (117/117), done.  
mks@mkspi:~$ cd moonraker-obico  
mks@mkspi:~/moonraker-obico$ ./install.sh
```

Enter password: **makerbase**

The installation begins after a while we will ask you for information:

```
===== Moonraker Info =====  
  
We need info about your Moonraker. If you are not sure, just leave them as defaults.  
  
Moonraker host: 127.0.0.1  
Moonraker port: 7125  
Moonraker config file: /home/mks/klipper_config/moonraker.conf  
Klipper log directory: /home/mks/klipper_logs
```

Since we are installing Obico directly on the printer we leave **127.0.0.1** which is the localhost address (so an address that never changes ;-)) (press **ENTER** for each step)

We will also leave the same port i.e. **7125**

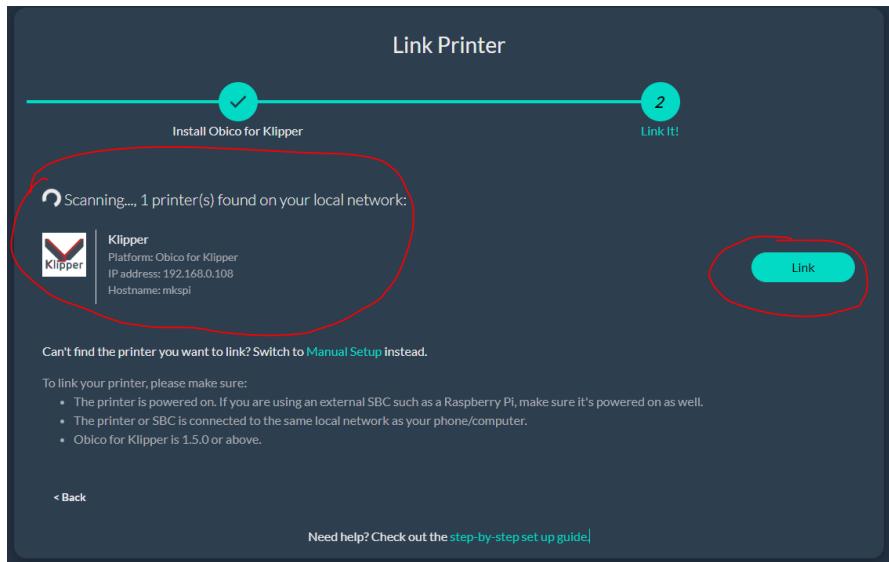
On the other hand, we are going to change the following 2 lines:

Moonraker config file: **/home/mks/klipper\_config/moonraker.conf**

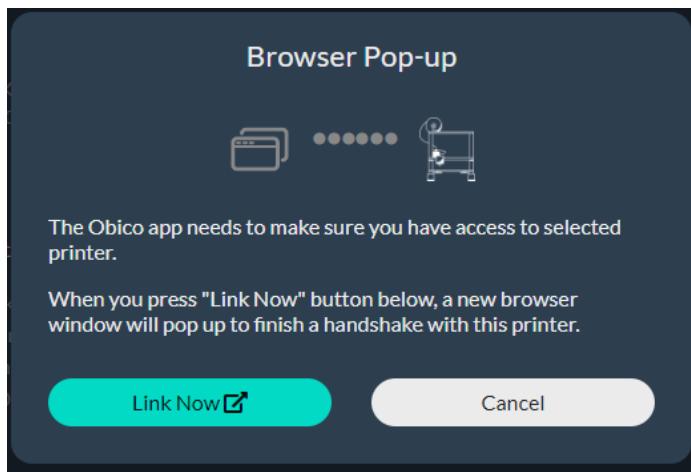
Klipper log directory: **/home/mks/klipper\_logs**

```
===== Obico Server URL =====  
  
Now tell us what Obico Server you want to link your printer to.  
You can use a self-hosted Obico Server or the Obico Cloud. For more information, please visit: https://obico.io.  
For self-hosted server, specify "http://server_ip:port". For instance, http://192.168.0.5:3334.  
'  
The Obico Server (Don't change unless you are linking to a self-hosted Obico Server): https://app.obico.io  
  
##### Creating config file /home/mks/klipper_config/moonraker-obico.cfg ...  
  
##### Creating moonraker-obico systemctl service... You may need to enter password to run sudo.  
  
Created symlink /etc/systemd/system/multi-user.target.wants/moonraker-obico.service → /etc/systemd/system/moonraker-obico.service.  
===== Link Printer to Obico Server =====  
  
Now open the Obico mobile or web app. If your phone or computer is connected to the same network as your printer, you will see this printer listed in the app. Click "Link Now" and you will be all set!  
  
If you need help, head to https://obico.io/docs/user-guides/klipper-setup  
  
Waiting for Obico app to link this printer automatically... press 'Enter' if you want to link your printer using a 6-digit verification code instead.  
'
```

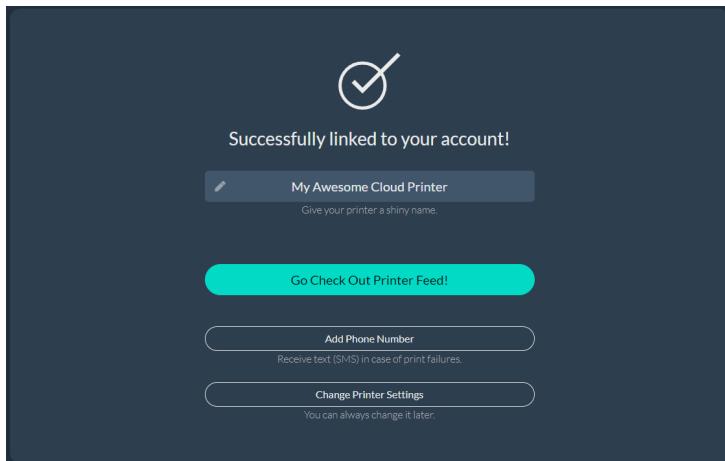
Here you validate with ENTER the Obico server, leave putty open and we return to the Obico site in order to move on to the next step:



Your printer must be located on the obico website, simply click on LINK



A POP-UP appears and here click on LINK NOW after a few moments in your



Congratulations, your printer is successfully added to Obico! return to putty:

One last thing: Do you want to opt in bug reporting to help us make Obico better?  
The debugging info included in the report will be anonymized.

Opt in bug reporting? [Y/n]:

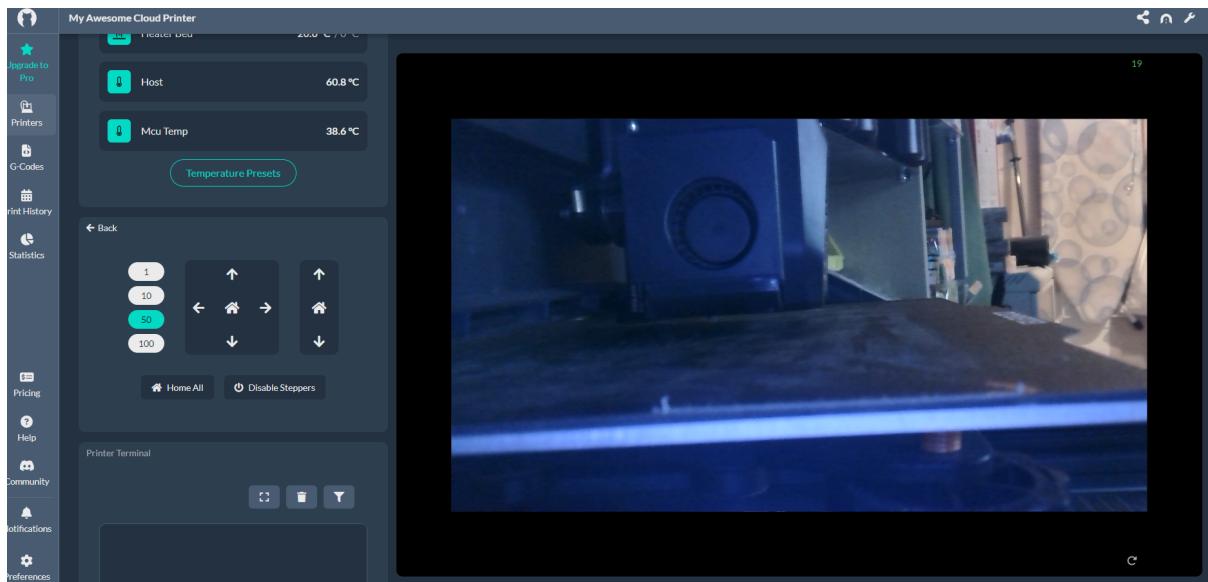
The changes we have made to your system:

```
- System service: /etc/systemd/system/moonraker-obico
- Config file: /home/nks/klipper_config/moonraker-obico.cfg
- Update file:
- Macro file: "/moonraker_obico_macros.cfg"
- Inserted "[include moonraker-obico-update.cfg]" in the "moonraker.conf" file
- Inserted "[include moonraker_obico_macros.cfg]" in the "printer.conf" file
  Line file:
```

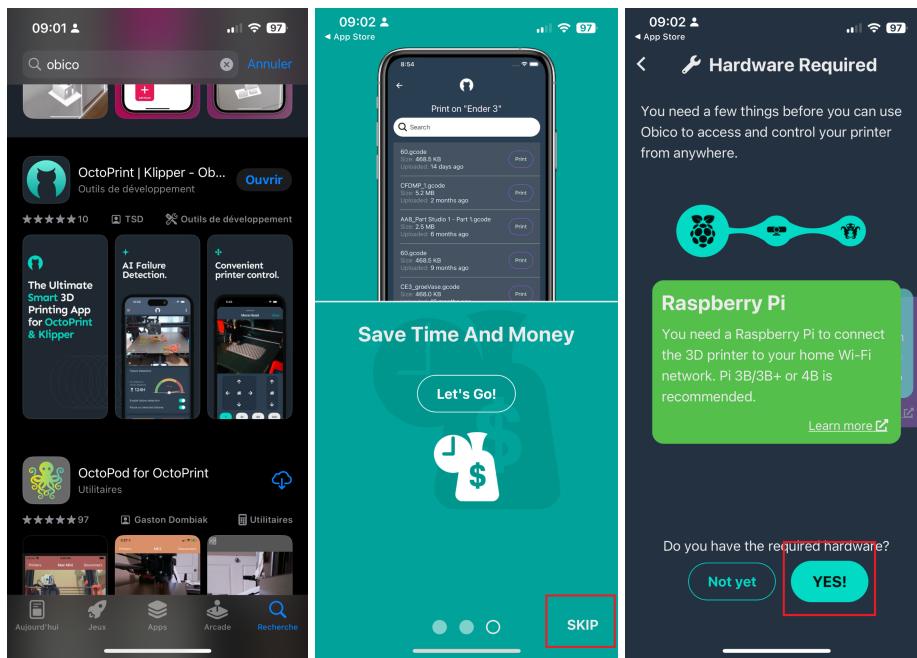
To remove Moonraker-Obico run:

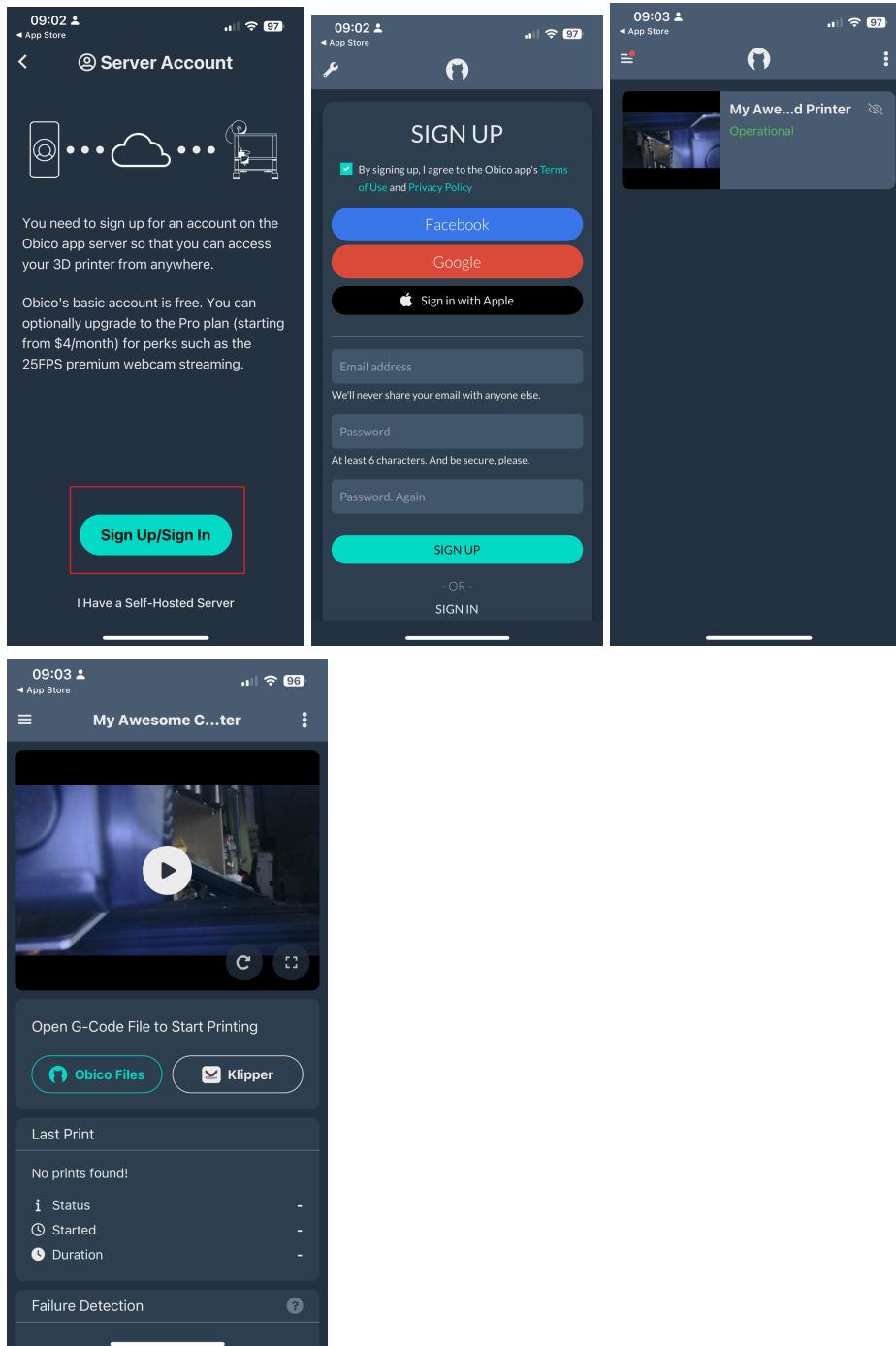
```
| cd ~/moonraker-obico  
| ./install.sh -u
```

You are asked if you want to send your logs to help with the development of Obico, press Y then ENTER if you agree otherwise press N then Enter! you can go to the main page of obico <https://app.obico.io/> to enjoy your printer from your browser on any pc from anywhere. (yes I know and on my smartphone!!! Come on, let's continue ^^



We will now add the Obico application, so via APP STORE or GOOGLE PLAY search and install the OBICO application





So follow the steps to access your printer from anywhere via your smartphone! Enjoy ^^

## **IF OBICO IS NOT SUITABLE FOR YOU FOR X or Y REASONS HERE IS HOW TO DEINSTALL IT:**

Still in SSH (as above, type the commands:

```
cd ~/moonraker-obico
./install.sh -u
```

the uninstallation procedure will start ;-)

N'hésitez pas si vous avez des inputs.

Longue vie et prospérité, que la force du print soit avec vous !

Credit :

Julien Mairy

<https://www.youtube.com/@printernbeer>

<https://www.facebook.com/Smarthome42>

<https://www.facebook.com/groups/impressions3dfr>