

Small tricks for Ubuntu

Add a network interface (Ubuntu22) by CLI

- list the interfaces

```
# ip link show
```

- activate the interface

```
# ifconfig ens19 up
```

- set the IP of the interface:

```
# nano /etc/netplan/00-installer-config.yaml
```

and add the interface name and the settings

- apply the settings:

```
# netplan apply
```

Auto-connect VPN and Wifi



runs on Ubuntu18 LXDE

- ```
nano /etc/lightdm/lightdm.conf.d/restart-NM.sh
```

 //// and enter in it:  

```
#!/bin/bash

wait 20 secondes
sleep 20s

#restart NetworkManager
service network-manager restart

exit 0
```

- ```
# chmod +x /etc/lightdm/lightdm.conf.d/restart-NM.sh
```

- ```
nano /etc/lightdm/lightdm.conf.d/10-restart-NM.conf
```

 //// and enter in it:  

```
[SeatDefaults]
```

```
session-setup-script=/etc/lightdm/lightdm.conf.d/restart-NM.sh
```

# Beep

Pour activer le "beep":

- `# apt-get install beep`

- tester si le beep fonctionne:

```
$ sudo modprobe pcspkr // ce réglage ne supportera pas un reboot!!
$ beep
```

- Rendre persistant:

```
$ sudo nano /etc/modprobe.d/blacklist.conf
....
```

et commenter la ligne `blacklist pcspkr`

## Change the keyboard layout into the login manager

works for Lubuntu20:

```
sudo dpkg-reconfigure keyboard-configuration
```

and make your choice.

## Disable the touchpad of laptops

Source: <https://askubuntu.com/questions/819789/permanently-disable-touchpad-lubuntu-16-04>  
For "Lubuntu" (LXDE): *Preferences>Default applications for LXSession>AutoStart>* then "Add"  
*synclient TouchpadOff=1*

# Documents management

<https://gitlab.gnome.org/World/OpenPaperwork/paperwork/blob/master/flatpak/README.markdown#readme>

## Position of the icons on the desktop not stored

If one day all your icons are always on the left side of the desktop and their position is not remembered between the sessions: check the permissions and make a correct setting:

```
$ find . '!' -user $USER and look if "./.local/share/gvfs-
metadata/home" is present into the list of files not owned by you
$ ls -al ~/.local/share/gvfs-metadata/home will show who is the owner
(generally this is "root")
$ sudo chown -R your_user_name:the_group ~/.local/share/gvfs-metadata/home
```

Logout and re-login: the problem should be gone.

## Remote Desktop

### Via RDP

Install and run the script given here: <http://c-nergy.be/blog/?p=11868>

See <https://help.ubuntu.com/community/xrdp> too.

## Run a script at startup

<https://linuxconfig.org/how-to-run-script-on-startup-on-ubuntu-20-04-focal-fossa-server-desktop>

```
$ sudo cat /usr/local/bin/wol-omv.sh
#!/bin/bash

/usr/sbin/etherwake -i enp34s0 00:11:22:33:44:55
```

```
$ sudo cat /etc/systemd/system/wol-omv.service
[Unit]
After=network-online.target
Wants=network-online.target

[Service]
```

```
ExecStart=/usr/local/bin/wol-omv.sh
```

```
[Install]
```

```
WantedBy=default.target
```

```
chmod 744 /usr/local/bin/wol-omv.sh
```

```
chmod 664 /etc/systemd/system/wol-omv.service
```

```
sudo systemctl daemon-reload
```

```
systemctl enable wol-omv.service
```

## Attendre la fin du script



Ceci est un brouillon!

<https://unix.stackexchange.com/questions/599372/kill-systemd-oneshot-service-after-timeout>

<https://trstringer.com/simple-vs-oneshot-systemd-service/>

<https://docs.fedoraproject.org/en-US/quick-docs/understanding-and-administering-systemd/>

```
$ sudo cat /etc/systemd/system/le-service.service
```

```
[Unit]
```

```
After=network-online.target
```

```
Wants=network-online.target
```

```
[Service]
```

```
Type=oneshot
```

```
TimeoutStartSec=10s
```

```
ExecStart=/usr/local/bin/le-script.sh
```

```
[Install]
```

```
WantedBy=default.target
```

Il faut un "TimeoutStartSec" et non un "TimeoutStopSec" car "Behavior of oneshot is similar to simple; however, the service manager will consider the unit started after the main process exits."

## Terminal

<https://serverfault.com/questions/267099/terminal-only-shows>

# Webcam

Settings of webcam:

## v4l-utils

- `$ sudo apt-get install v4l-utils`

- `$ v4l2-ctl -l`

to list the possible settings

- `$ v4l2-ctl -c focus_auto=0`

to disable the autofocus

- `$ v4l2-ctl -c focus_absolute=100`

to set the focus at value "100"

## GTK+ UVC Viewer (UNOFFICIAL)

installed via the software manager (look for "guvcvview")

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