

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
```

## Change the keyboard layout into the login manager

works for Ubuntu20:

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

and make your choice.

## Disable the touchpad of laptops

Source: <https://askubuntu.com/questions/819789/permanently-disable-touchpad-ubuntu-16-04>  
For "Ubuntu" (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 . -type d -user $USER -exec chmod -R 755 {} \; 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
```

# 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 "guvccview")

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