

# fullserver

os

ubuntu bionic 18.04

hardware

have cpu ,gpu, ram, rom ,bios,cooler ,motherboard,etc.. have the essens

you need a lot off memory(tb)

## gpu in linux

gpu activation (One of the propositos of the computer is to train artificial intelligence or produce)

For which nesito the gpu working

It is hard to comprise the operation of this case

when i confugurate gpu ... desconfigurate all and gpu (fps 60)

when dont touch gpu work in 2000 fps and dont show gpu information (fps 2000)

```
sudo apt-get install mesa-utils
```

and run glxgears and see fps to thing of situation

this can help me for find

answer<https://askubuntu.com/questions/1187822/how-to-install-tensorflow-for-nvidia-gpu-rtx-2070-super-on-ubuntu-18-04> and

<https://medium.com/repro-repo/install-cuda-10-1-and-cudnn-7-5-0-for-pytorch-on-ubuntu-18-04-lts-9b6124c44cc> and add this to curapeces.py

```
tf.reset_default_graph()  
sess = tf.InteractiveSession()  
sess = tf.Session(config=tf.ConfigProto(log_device_placement=Tr$
```

and reduce img size

## ssh

is for conctect to server with ssh

```
youuser@192.168.0.0
```

with out display for connect From outside

## bitcoin node

i try with this <https://thebitcoin.pub/t/how-to-setup-a-bitcoin-lightning-network-in-4-steps/37687> and dont work

```
sudo add-apt-repository -y ppa:bitcoin/bitcoin
sudo apt-get update
sudo apt-get install -y bitcoind
```

how i try and work in the os

```
sudo apt-get install snap
sudo snap install bitcoin
```

or

```
sudo snap install bitcoin-core
```

(work with gui) bitcoin(work better in )

and run for start bitcoin

```
bitcoin.daemon
```

and wait for 19 H

## anydesk

## nas with nextcloud

<https://www.youtube.com/watch?v=pVW7EgV2IU0>

you can have internet problemes as by this reason i do not put the configuration of network

install with snap

```
sudo snap install nextcloud
```

for setup user

```
nextcloud.manual-install <username> <password>
```

i have problems and run

```
sudo snap remove nextcloud  
sudo snap install nextcloud
```

soloved for me

add you domine

```
sudo nextcloud.occ config:system:set trusted_domains 1 --value=domine
```

## nigix and flask

<https://www.digitalocean.com/community/tutorials/how-to-serve-flask-applications-with-uwsgi-and-nginx-on-ubuntu-18-04> for system

```
sudo apt update  
sudo apt install python3-pip python3-dev build-essential libssl-dev libffi-dev python3-setuptools
```

for version of projects

```
sudo apt install python3-venv  
mkdir ~/myproyect
```

for control version projects

```
python3.6 -m venv myprojectenv  
source actiavte myprojectenv
```

this install my esencial packges

```
sudo python3 -m pip install -U wheel tensorflow-gpu opencv-python torch  
torchvision numpy django flask scikit-learn sklearn matplotlib pandas uwsgi  
gunicorn
```

set up postgres for proyects with postgres [https://www.digitalocean.com/community/tutorials/](https://www.digitalocean.com/community/tutorials/how-to-install-and-use-postgresql-on-ubuntu-18-04) how-to-install-and-use-postgresql-on-ubuntu-18-04

```
sudo apt update  
sudo apt install postgresql postgresql-contrib  
sudo -u postgres createuser --interactive  
sudo -i -u <user>  
psql -d <data base>
```

```
CREATE TABLE table_name (column_name1 col_type (field_length)
column_constraints,column_name2 col_type (field_length),column_name3
col_type (field_length));
```

important links

<https://tecnobits.xyz/que-se-puede-hacer-con-un-servidor/>

<https://www.linuxuprising.com/2018/10/how-to-install-and-use-tor-as-proxy-in.html>

<https://check.torproject.org/>

<https://thebitcoin.pub/t/how-to-setup-a-bitcoin-lightning-network-in-4-steps/37687>

<https://www.youtube.com/watch?v=tYog5kZugCw>

<https://askubuntu.com/questions/90339/how-do-i-set-read-write-permissions-my-hard-drives>

<https://www.urbackup.org/debianserverinstall.html>

[https://www.urbackup.org/server\\_source\\_install.html](https://www.urbackup.org/server_source_install.html)

<https://www.youtube.com/watch?v=pVW7EgV2IU0>

<https://www.digitalocean.com/community/tutorials/how-to-serve-flask-applications-with-gunicorn-and-nginx-on-ubuntu-18-04>

<https://github.com/jero98772/wwwofish/>

<https://askubuntu.com/questions/1187822/how-to-install-tensorflow-for-nvidia-gpu-rtx-2070-super-on-ubuntu-18-04>

<https://github.com/chriswayg/tor-alpine>

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