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## Version

```
su david
lsb_release -a
```

Distributeur ID: Ubuntu  
Description: Ubuntu 18.04.1 LTS  
Release: 18.04  
Codename: bionic

```
sudo add-apt-repository "deb http://archive.ubuntu.com/ubuntu $(lsb_release
-sc) main universe restricted multiverse"
```

## color prompt

ajoutezr dans le bashrc

```
export
PS1="\[\e[32m\][\[\e[m\][\[\e[31m\]\u\[\e[m\][\[\e[33m\]@\[\e[m\][\[\e[32m\]\h\
[\m\]]\[\e[m\][\[\e[32;47m\]\$[\[\e[m\] "
alias ls='ls --color'
```

## Chrome desactive trousseau

```
sudo chmod a-x /usr/bin/gnome-keyring*
```

## Mount disk

```
sudo mkdir /mnt/cyclops
sudo mkdir /mnt/magneto
sudo mkdir /mnt/diablo

sudo apt install pmount

sudo mount /dev/disk/by-label/cyclops /mnt/cyclops
sudo mount /dev/disk/by-label/magneto /mnt/magneto
sudo mount /dev/disk/by-label/diablo /mnt/diablo
```

## SSH

```
sudo apt install openssh-server
sudo apt install fail2ban
```

```
sudo cp /etc/fail2ban/jail.conf /etc/fail2ban/jail.local
```



```
ssh-keygen -t rsa -b 4096 -C david20180919@home.server
```

## restaure config

```
cat /mnt/magneto/warehouse/backup_sickrage/id_rsa.pub>>  
~/.ssh/authorized_keys  
sudo cp /mnt/magneto/warehouse/backup_sickrage/authorized_keys  
/home/david/.ssh  
chmod 600 /home/david/.ssh/authorized_keys  
sudo cp /mnt/magneto/warehouse/backup_sickrage/sshd_config /etc/ssh/  
sudo cp /mnt/magneto/warehouse/backup_sickrage/jail.local /etc/fail2ban/  
systemctl restart sshd.service
```

installer la clé prive sur le clients (windows putty)

## sauvegarde config

```
cp /home/david/.ssh/authorized_keys /mnt/magneto/warehouse/backup_sickrage  
cp /home/david/.ssh/id_rsa /mnt/magneto/warehouse/backup_sickrage  
cp /home/david/.ssh/id_rsa.pub /mnt/magneto/warehouse/backup_sickrage  
cp /etc/ssh/sshd_config /mnt/magneto/warehouse/backup_sickrage  
sudo cp /etc/fail2ban/jail.local /mnt/magneto/warehouse/backup_sickrage
```

## Empty Trash

```
sudo apt-get install trash-cli
```

## desactiver ecran de veille

sur le desktop ubuntu : launch parametre puis energie -> ecran noir =  
jamais

## Retailer le Swap a 6Gb

```
free -h  
sudo ls -lh /swapfile
```

```
sudo swapoff -a
sudo falldate -l 6G /swapfile
sudo ls -lh /swapfile
sudo chmod 600 /swapfile
sudo mkswap /swapfile
sudo swapon -a
free -h
```

## Transmission

```
sudo add-apt-repository ppa:transmissionbt/ppa
sudo apt-get update
sudo apt-get upgrade -y
sudo apt-get install transmission-cli transmission-common transmission-
daemon

sudo usermod -a -G debian-transmission david
sudo usermod -a -G syslog debian-transmission
sudo service transmission-daemon stop
sudo adduser david debian-transmission
sudo chown david:david -R /var/lib/transmission-daemon/info/
sudo chown david:david -R /etc/transmission-daemon/settings.json
sudo chown david:david -R /mnt/magneto/videoclub/_complet/
sudo chown david:david -R /mnt/magneto/videoclub/_incomplet/
sudo chown -R david:david /var/lib/transmission-daemon/downloads
sudo chown -R david:david /var/lib/transmission-daemon/info
sudo chown -R david:david /var/lib/transmission-daemon/.config/transmission-
daemon/settings.json

chmod +x
/mnt/diablo/kitchen/source_code/GestionnaireDownloadScript/transmission-
purge-completed.sh
chmod +r
/mnt/diablo/kitchen/source_code/GestionnaireDownloadScript/transmission-
purge-completed.sh

sudo touch /var/log/transmission.log
sudo chown debian-transmission /var/log/transmission.log
sudo chmod 644 /var/log/transmission.log

sudo nano /lib/systemd/system/transmission-daemon.service
#ExecStart=/usr/bin/transmission-daemon -f --log-debug --logfile
/var/log/transmission.log

sudo service transmission-daemon start
```

## restaure config

```
sudo service transmission-daemon stop
sudo cp /mnt/magneto/warehouse/backup_sickrage/settings.json
/etc/transmission-daemon/
sudo chmod 777 /etc/transmission-daemon/settings.json
sudo service transmission-daemon start
```

## sauvegarde config

```
cp /etc/transmission-daemon/settings.json
/mnt/magneto/warehouse/backup_sickrage
```

## Timeshift

```
sudo add-apt-repository -y ppa:teejee2008/timeshift
sudo apt-get update
sudo apt-get install timeshift
mkdir /90-warehouse/backup_system/timeshift
ln -s /90-warehouse/backup_system/timeshift /mnt/cyclops/timeshift
```

## Emby

```
cd ~/
cp /mnt/magneto/warehouse/backup_sickrage/emby-server-deb_4.5.2.0_amd64.deb
~/
sudo dpkg -i emby-server-deb_4.5.2.0_amd64.deb
```

## Webmin

<https://www.digitalocean.com/community/tutorials/how-to-install-webmin-on-ubuntu-16-04>

```
echo "deb http://download.webmin.com/download/repository sarge contrib" |
sudo tee -a /etc/apt/sources.list
wget http://www.webmin.com/jcameron-key.asc
sudo apt-key add jcameron-key.asc
sudo apt-get update
sudo apt-get install webmin
```

## Path Bin

```
sudo echo 'export PATH=$PATH:/mnt/diablo/kitchen/bin'>> ~/.bashrc
export PATH=$PATH:/mnt/diablo/kitchen/bin
```

## Organisation Répertoire

```
sudo apt-get install samba
```

```
sudo ln -s /mnt/cyclops /mnt/colossus
sudo ln -s /mnt/cyclops/home-desk /10-home-desk
sudo ln -s /mnt/cyclops/photo /20-photo
sudo ln -s /mnt/magneto/videoclub /23-videoclub
sudo ln -s /mnt/diablo/kitchen /50-kitchen
sudo ln -s /mnt/cyclops/home-desk/80-Photocopie /80-photocopie
sudo ln -s /mnt/diablo/kitchen/source_code /82-source_code
sudo ln -s /mnt/magneto/warehouse /90-warehouse

sudo ln -s /mnt/magneto/warehouse /home/david/OneDrive/

sudo ln -s /mnt/cyclops/office /30-office
sudo ln -s /mnt/diablo/locker /40-locker
sudo ln -s /mnt/magneto/mediarack /70-mediarack
```

<https://websiteforstudents.com/share-files-on-ubuntu-16-04-lts-with-windows-10-systems/>

### restaure config

```
sudo cp /mnt/magneto/warehouse/backup_sickrage/smb.conf /etc/samba/
```

### sauvegarde config

```
sudo cp /etc/samba/smb.conf /mnt/magneto/warehouse/backup_sickrage
```

### sur windows

```
> 50-kitchen (\\legion-2) (K:)
> 20-photo (\\LEGION-2) (P:)
> 23-videoclub (\\LEGION-2) (V:)
> 90-warehouse (\\LEGION-2) (W:)
> 80-Photocopie (\\LEGION-2) (Z:)
```

- netsh advfirewall firewall set rule group="File and Printer Sharing" new enable=Yes

- netsh advfirewall firewall set rule group="Network Discovery" new enable=Yes
- 

## pkg a installer

```
sudo apt-get install tmux cpulimit ocrmypdf tesseract-ocr-fra php7.2-cli  
php7.2-curl php7.2-dom inotify-tools linux-tools-common linux-tools-generic  
linux-tools-`uname -r` dos2unix lynx ffmpeg curl dialog toilet
```

## parametrage kitchen

```
ln -s /mnt/diablo/kitchen/source_code/.secret /home/david/.secret
```

## Sickrage (Sickchill now)

```
curl  
https://raw.githubusercontent.com/SickChill/SickChill/master/contrib/debian-ubuntu-install.sh | sudo bash
```

<https://github.com/SickRage/SickRage/wiki/Sickrage-installation-Ubuntu-15>

```
sudo apt-get update && sudo apt-get install unrar-free git-core openssl  
libssl-dev python2.7
```

```
sudo addgroup --system sickchill  
sudo adduser --disabled-password --system --home /var/lib/sickchill --gecos  
"SickChill" --ingroup sickchill sickchill
```

```
sudo adduser sickchill david  
sudo adduser sickchill debian-transmission  
sudo usermod -a -G david sickchill
```

```
sudo mkdir /opt/sickchill && sudo chown sickchill:sickchill /opt/sickchill  
sudo -u sickchill git clone https://github.com/SickChill/SickChill.git  
/opt/sickchill
```

```
sudo cp -v /opt/sickchill/runscripts/init.systemd  
/etc/systemd/system/sickchill.service
```

```
sudo chown root:root /etc/systemd/system/sickchill.service  
sudo chmod 644 /etc/systemd/system/sickchill.service
```

```
sudo systemctl enable sickchill
```

```
sudo systemctl start sickchill
sudo systemctl status sickchill
```

```
sudo ln -s /usr/bin/python /opt/sickchill/python
```

\*

<https://github.com/SickChill/SickChill/issues/5151> Backup config/setings/etc using built in backup tool  
Stop SickRage Edit config.ini from <https://github.com/SickRage/SickRage> to  
<https://github.com/SickChill/SickChill.git> Restart SickRage If you get an error stating "No NZB/Torrent providers found or enabled for daily searches and backlog searches" restore the backup completed in Step 1. Restart SickChill

## restaure config

```
curl
http://192.168.1.237:8081/config/backuprestore/restore?backupFile="/90-warehouse/backup_sickrage/sickrage-20180921183800.zip"
```

```
sudo systemctl restart sickchill
```

## sauvegarde config

```
curl
http://192.168.1.237:8081/config/backuprestore/backup?backupDir="/mnt/magneto/warehouse/backup_sickrage/"
```

## NZBGET

```
sudo apt-get install nzbget -y
sudo apt-get install unrar -y
sudo apt-get install nodejs -y
```

```
sudo cp /etc/nzbget.conf ~/.nzbget
sudo chown david:david ~/.nzbget
```



```
sudo nano
~/.nzbgetMainDir=/mnt/magneto/videoclub/_nzbgetDaemon
Username=davidControlIP=192.168.1.237ControlUsername
=nzbgetControlPassword=nzbgetMainDir=/mnt/magneto/vid
eoclub/_nzbgetDestDir=/mnt/magneto/videoclub/_DownSickR
age
[Unit]Description=NZBGet
```



```
Daemon[Service]User=davidGroup=davidType=forkingExec
Start=/usr/bin/nzbget -daemonExecStop=/usr/bin/nzbget -
QExecReload=/bin/kill -HUP
$MAINPIDKillMode=processRestart=on-
failure[Install]WantedBy=multi-user.target
```

## restaure config

```
cp /mnt/magneto/warehouse/backup_sickrage/file.nzbget ~/.nzbget
sudo chown david:david ~/.nzbget
sudo cp /mnt/magneto/warehouse/backup_sickrage/nzbget.service
/etc/systemd/system
```

## sauvegarde config

```
cp ~/.nzbget /mnt/magneto/warehouse/backup_sickrage/file.nzbget
cp /etc/systemd/system/nzbget.service /mnt/magneto/warehouse/backup_sickrage
```

```
==== = MiniDLNA ===== https://doc.ubuntu-fr.org/minidlna#configuration\_de\_minidlna sudo
nano /etc/minidlna.conf media_dir=/var/lib/minidlna
media_dir=V,/mnt/magneto/videoclub/Film/
media_dir=V,/mnt/magneto/videoclub/Anime/
media_dir=V,/mnt/magneto/videoclub/Series/
media_dir=V,/mnt/magneto/videoclub/Insanity/
media_dir=V,/mnt/magneto/videoclub/Video/
media_dir=P,/mnt/cyclops/photo/50_Phototheque/ log_dir=/var/log ===== restaure
config ===== cp /mnt/magneto/warehouse/backup_sickrage/minidlna.conf /etc/
===== sauvegarde config ===== cp /etc/minidlna.conf
/mnt/magneto/warehouse/backup_sickrage
```

## java JRE

```
sudo apt-get install default-jre
```

## filebot

```
curl -L -O
https://downloads.sourceforge.net/project/filebot/filebot/FileBot_4.7.9/file
bot_4.7.9_amd64.deb
sudo dpkg -i filebot_4.7.9_amd64.deb
```

## restaure config

```
filebot -script fn:preferences
/mnt/magneto/warehouse/backup_sickrage/david.prefs.xml
```

## sauvegarde config

```
filebot -script fn:preferences --output
/mnt/magneto/warehouse/backup_sickrage/
```

## dropbox (in/out server)

<https://www.dropbox.com/fr/install-linux>

<https://www.dropboxwiki.com/tips-and-tricks/install-dropbox-in-an-entirely-text-based-linux-environment>

```
cd ~ && wget -O - "https://www.dropbox.com/download?plat=lnx.x86_64" | tar
xzf -
~/.dropbox-dist/dropboxd
mkdir -p ~/bin
wget -O ~/bin/dropbox.py
"https://www.dropbox.com/download?dl=packages/dropbox.py"
chmod +x ~/bin/dropbox.py
sudo apt-get install nautilus-dropbox
mkdir ~/Dropbox/StudioPhotoIntrants/
mv ~/Dropbox/StudioPhotoIntrants/00_NEW/* ~/Dropbox/StudioPhotoIntrants/
ln -s ~/Dropbox/StudioPhotoIntrants /mnt/cyclops/photo/00_NEW

#depuis mi 2019 les lien symbolique ne sont plus suivi dans dropbox
#sudo ln -s /mnt/diablo/kitchen/source_code ~/Dropbox/
#sudo ln -s /mnt/cyclops/photo/00_NEW ~/Dropbox/StudioPhotoIntrants
#sudo ln -s /mnt/magneto/warehouse/backup_sickrage/id_rsa.putty.ppk
~/Dropbox/
```

Lien de chaque projet en cours

```
sudo ln -s /mnt/colossus/home-desk/950-Construction\ Maison/2018-06-19\ PC\
SketchUp ~/Dropbox/
```

## Spotify

```
sudo snap install spotify
```

## vino/X11/vnc connection a distance

```
sudo apt install xrdp
sudo apt install x11vnc
sudo apt install dconf-editor
```

```
sur le desktop ubuntu : launch dconf puis org -> gnome -> desktop ->
remote-access -> remove encryption
```

[https://doc.ubuntu-fr.org/bureau\\_a\\_distance](https://doc.ubuntu-fr.org/bureau_a_distance) <https://doc.ubuntu-fr.org/vnc?redirect=1>  
<https://websiteforstudents.com/access-ubuntu-18-04-lts-beta-desktop-via-vnc-from-windows-machine-s/>

relancer gnome apres un freeze

```
DISPLAY=:0 gnome-shell --replace
```

## Server startup application

### restaure config

```
cp /mnt/magneto/warehouse/backup_sickrage/*.desktop ~/.config/autostart/
```

### sauvegarde config

```
cp ~/.config/autostart/*.desktop /mnt/magneto/warehouse/backup_sickrage/
```

## Onedrive by rclone (sauvegarde)

```
curl https://rclone.org/install.sh | sudo bash
rclone config
```

<https://rclone.org/onedrive/> <https://rclone.org/downloads/>

### restaure config

```
cp /mnt/magneto/warehouse/backup_sickrage/rclone.conf
/home/david/.config/rclone/
```

## sauvegarde config

```
cp /home/david/.config/rclone/rclone.conf
/mnt/magneto/warehouse/backup_sickrage/
```

## scheduled task windows

importer fichier wol serveur.xml dans le schedule task de windows 10

## Cron server job

### start server

```
/mnt/diablo/kitchen/source_code/start_and_stop/start.sh
#tweet "start "$(curl https://ipv4.icanhazip.com/)
```

### CRONjob

```
#==== start photocopie ocr ====
cd /mnt/diablo/kitchen/source_code/Script0cr/;bash inotifywait80-
Photocopie00_A_traiter.sh &
#==== sauvegarde photo ====
cd /mnt/diablo/kitchen/source_code/rclone/;bash rclonesync.sh
#==== sauvegarde ovh ====
cd /mnt/diablo/kitchen/source_code/rclone/;bash rclonesync0vh.sh
#==== runtastic ====
cd /mnt/diablo/kitchen/source_code/Runtastic2Gagenda/;php
Runtastic2Gagenda.php
#==== daily helth test ====
cd /mnt/diablo/kitchen/source_code/dailyHealthTest/;bash dailyHealthTest.sh
#==== auto shutdown ====
cd /mnt/diablo/kitchen/source_code/start_and_stop/;bash shutdown.sh
```

### stop server

```
/mnt/diablo/kitchen/source_code/start_and_stop/stop.sh
#tweet "stop "$(curl https://ipv4.icanhazip.com/)
```

### restaure config

```
cp /mnt/magneto/warehouse/backup_sickrage/start_and_stop.service
/etc/systemd/system/
```

```
crontab -u david /mnt/magneto/warehouse/backup_sickrage/backup.crontab  
sudo crontab -u root  
/mnt/magneto/warehouse/backup_sickrage/backuproot.crontab
```

## sauvegarde config

```
cp /etc/systemd/system/start_and_stop.service  
/mnt/magneto/warehouse/backup_sickrage/  
crontab -l> /mnt/magneto/warehouse/backup_sickrage/backup.crontab  
sudo crontab -u root -l>  
/mnt/magneto/warehouse/backup_sickrage/backuproot.crontab
```

## WOL

```
sudo apt-get install ethtool  
sudo apt install net-tools  
sudo ethtool -s enp3s0 wol g
```

<https://www.howtogeek.com/94110/wake-up-your-computers-using-your-android-phone/>

## redmine

[https://www.server-world.info/en/note?os=Ubuntu\\_18.04&p=redmine](https://www.server-world.info/en/note?os=Ubuntu_18.04&p=redmine)

## mysql

<https://linuxize.com/post/how-to-install-mysql-on-ubuntu-18-04/>

```
'sudo apt autoremove --purge mysql\* mariadb\  
sudo apt clean  
sudo mv /var/lib/mysql /var/lib/mysql_bak  
sudo mv /etc/mysql /etc/mysql_bak  
sudo apt install mysql-server''
```

## retropie

<https://retropie.org.uk/docs/Debian/>

```
ln -s /40-locker/30-Salle\ de\ Jeux/roms ~/RetroPie/
```

## django gnucash

<https://github.com/nylen/gnucash-django>

## Tomcat

<https://linuxize.com/post/how-to-install-tomcat-9-on-ubuntu-18-04/>

## Wordpress

<https://itexpert.tips/fr/wordpress-fr/installation-de-wordpress-sur-ubuntu-linux/>

## octoprint

<https://makenotes.de/2020/03/octoprint-on-ubuntu-using-python3-and-systemd/>

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