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Version

```
sudo david
```

```
lsb_release -a
```

Distributor 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"
```

Webmin

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

```
sudo cat '''deb http://download.webmin.com/download/repository sarge contrib'>> ''' /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
```

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
```

Empty Trash

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

Path Bin

```
sudo echo 'export PATH=$PATH:/mnt/diablo/kitchen/bin'>> ~/.bashrc
sudo nano /etc/environment
export PATH=$PATH:/mnt/diablo/kitchen/bin
Ctrl-X
```

Retailer le Swap a 6Gb

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

pkg tmux-cpulimit-php

```
sudo apt-get install tmux
sudo apt-get install cpulimit
sudo apt-get install ocrmypdf
sudo apt-get install tesseract-ocr-fra
sudo apt-get install php7.2-cli
sudo apt-get install php7.2-curl
sudo apt-get install php7.2-dom
sudo apt-get install inotify-tools
```

```
sudo apt-get install linux-tools-common linux-tools-generic linux-tools-
`uname -r`
```

```
sudo apt install dos2unix
```

```
sudo apt install lynx
```

```
sudo apt install ffmpeg
```

parametrage kitchen

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

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 service transmission-daemon stop
sudo adduser david debian-transmission
sudo chown david -R /var/lib/transmission-daemon/info/
sudo chown david -R /etc/transmission-daemon/settings.json
sudo chown david -R /mnt/magneto/videoclub/_complet/
sudo chown david -R /mnt/magneto/videoclub/_incomplet/
sudo service transmission-daemon start
```

```
sudo nano ~/.config/transmission-daemon/settings.json "download-dir":
"/mnt/magneto/videoclub/_complet", "incomplete-dir":
"/mnt/magneto/videoclub/_incomplet", "rpc-authentication-required": true,
"rpc-bind-address": "192.168.1.237", "rpc-enabled": true, "rpc-host-
whitelist": "", "rpc-host-whitelist-enabled": true, "rpc-password":
"clement", "rpc-port": 9091, "rpc-url": "/transmission/", "rpc-username":
"romain", "rpc-whitelist": "192.168.1.*", "rpc-whitelist-enabled": true,
"script-torrent-done-enabled": true, "script-torrent-done-filename":
"/mnt/diablo/kitchen/source_code/GestionnaireDownloadScript/transmission-
purge-completed.sh",sudo service transmission-daemon reload
```

restaure config

```
sudo service transmission-daemon stop
sudo cp /mnt/magneto/warehouse/backup_sickrage/settings.json
~/.config/transmission-daemon/
sudo service transmission-daemon start
```

sauvegarde config

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

Sickrage (Sickchill now)

<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 sickrage
sudo adduser --disabled-password --system --home /var/lib/sickrage --gecos
"SickRage" --ingroup sickrage sickrage
```

```
sudo adduser sickrage david
sudo usermod -a -G david sickrage
```

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

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

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

```
sudo systemctl enable sickrage
sudo systemctl start sickrage
sudo systemctl status sickrage
```

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

sauvegarde config

```
curl
http://192.168.1.237:8081/config/backuprestore/backup?backupDir="/mnt/magnet
o/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/
```

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

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

sauvegarde config

```
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

SSH

https://doc.fedora-fr.org/wiki/SSH:_Authentification_par_cl%C3%A9

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



```
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
sudo cp /mnt/magneto/warehouse/backup_sickrage/sshd_config /etc/ssh/
systemctl restart sshd.service
```

installer la clé prive sur le clients (windows putty) voir doc fedora

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
```

SSH en html5

<https://memo-linux.com/gate-one-un-client-ssh-en-html5/>

```
sudo nano /lib/systemd/system/gateone.service
```

```
[Unit]
Description=Web-based terminal
After=network.target remote-fs.target nss-lookup.target

[Service]
Type=simple
PIDFile=/var/run/gateone.pid
WorkingDirectory=/home/david/GateOne/
ExecStart=/home/david/GateOne/run_gateone.py
Restart=on-abort

[Install]
WantedBy=multi-user.target
```

Kodi

```
<del>sudo apt install kodi xinit
</del>
```

restaure config

```
<del>cp /mnt/magneto/warehouse/backup_sickrage/.kodi ~/ -r
</del>
```

sauvegarde config

```
<del>cp ~/.kodi /mnt/magneto/warehouse/backup_sickrage/ -r
</del>
```

Spotify

```
sudo apt-key adv --keyserver hkp://keyserver.ubuntu.com:80 --recv-keys
0DF731E45CE24F27EEEEB1450EFDC8610341D9410
sudo add-apt-repository "deb http://repository.spotify.com stable non-free"
sudo apt install spotify-client
```

vino/X11/vnc connection a distance

```
sudo apt install xrdp
```

```
sudo apt install x11vnc
```

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
```

plex

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

```
curl https://downloads.plex.tv/plex-keys/PlexSign.key | sudo apt-key add -  
echo deb https://downloads.plex.tv/repo/deb public main | sudo tee  
/etc/apt/sources.list.d/plexmediaserver.list  
sudo apt update  
sudo apt install plexmediaserver
```

restaure config

```
sudo cp /mnt/magneto/warehouse/backup_sickrage/PlexPreferences.xml  
/var/lib/plexmediaserver/Library/Application\ Support/Plex\ Media\  
Server/Preferences.xml  
sudo cp /mnt/magneto/warehouse/backup_sickrage/Plug-ins  
/var/lib/plexmediaserver/Library/Application\ Support/Plex\ Media\ Server/  
-r
```

sauvegarde config

```
sudo cp /var/lib/plexmediaserver/Library/Application\ Support/Plex\ Media\  
Server/Preferences.xml  
/mnt/magneto/warehouse/backup_sickrage/PlexPreferences.xml  
sudo cp /var/lib/plexmediaserver/Library/Application\ Support/Plex\ Media\  
Server/Plug-ins /mnt/magneto/warehouse/backup_sickrage/ -r
```

Server startup appmlication

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 http://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 shutdow ====  
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 http://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/>

clonezilla

sdd1 et sdd2 ⇒ sdb1/warehouse/backup_system

emby client

<https://emby.media/community/index.php?/topic/42868-emby-theater-for-linux/>

redmine

https://www.server-world.info/en/note?os=Ubuntu_18.04&p=redmine

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