Table of Contents

Version 1
color prompt 1
Chrome desactive trousseau 1
Mount disk 1
SSH 1
restaure config 2
sauvegarde config 2
Empty Trash 2
desactiver ecran de veille 2
Retailer le Swap a 6Gb 2
Transmission 3
restaure config 3
sauvegarde config 4
Timeshift 4
Emby 4
Webmin 4
Path Bin 4
Organisation Répertoire 5
restaure config 5
sauvegarde config 5
sur windows 5
pkg a installer 6
parametrage kitchen 6
Sickrage (Sickchill now) 6
restaure config 7
sauvegarde config 7
NZBGET 7
restaure config 8
sauvegarde config 8
java JRE 8
filebot 8
restaure config 8
sauvegarde config 9
dropbox (in/out server) 9
Spotify 9
vino/X11/vnc connection a distance 9
Server startup application 10
restaure config 10
sauvegarde config 10
Onedrive by rclone (sauvegarde) 10
restaure config 10
sauvegarde config 10
scheduled task windows 11
Cron server job 11
start server 11
CRONjob 11
stop server 11
restaure config 11

sauvegarde config 12
WOL 12
redmine 12
mysql 12
retropie 12
django gnucash 12
Tomcat 13
Wordpress 13
octoprint 13

Version

```
su 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"
```

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 fallocate -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



- 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-wareh
ouse/backup_sickrage/sickrage-20180921183800.zip"
```

```
sudo systemctl restart sickchill
```

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/_nzbgetDaemonUsername=davidControlIP=192.168.1.237ControlUsername=nzbgetControlPassword=nzbgetMainDir=/mnt/magneto/videoclub/_nzbgetDestDir=/mnt/magneto/videoclub/_DownSickRage [Unit]Description=NZBGet Daemon[Service]User=davidGroup=davidType=forkingExecStart=/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/vnc?redirect=1 https://websiteforstudents.com/access-ubuntu-18-04-lts-beta-desktop-via-vnc-from-windows-machines/

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/ScriptOcr/;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 rclonesyncOvh.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 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

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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