

# Linux

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# Comandos utiles

```
# iniciar ngrok
```

```
./ngrok http 3000
```

```
# Hacer usb bootable
```

```
sudo dd bs=512K status=progress if=linuxmint-19.1-cinnamon-64bit.iso of=/dev/sdb
```

```
# Matar proceso que este utilizando un puerto especifico
```

```
sudo kill $(sudo lsof -t -i:9001)
```

```
python3 -m http.server
```

```
#windows
```

```
netstat -ano | findstr :8000
```

```
taskkill /PID 684 /F
```

# Linux firewall security

```
sudo apt-get install ufw
sudo ufw default deny incoming
sudo ufw default allow outgoing
sudo ufw allow 22/tcp
sudo ufw allow 443/tcp
sudo ufw enable
sudo ufw status
sudo ufw reload
sudo ufw disable

#Fail2ban
sudo apt-get update
sudo apt-get install fail2ban
```

# Install redis

```
sudo apt-get install redis-server  
sudo systemctl enable redis-server.service
```

```
#test redis-cli
```

```
redis-cli
```

```
127.0.0.1:6379> ping
```

```
PONG
```

```
127.0.0.1:6379>
```

# Actualizar nombre linux

```
sudo nano /etc/hostname
```

```
sudo nano /etc/hosts
```

# Escritorio remoto - VNC

```
ssh -XC user@IP-ADDRESS
```

```
sudo apt install xauth
```

```
sudo systemctl restart sshd
```

```
sudo apt install x11-apps
```

```
sudo touch /dev/fuse
```

```
sudo apt install xfce4 xfce4-goodies gnome-icon-theme
```

```
sudo apt-get install tightvncserver
```

```
apt-get install xfonts-base
```

```
vncserver :1 -geometry 800x600 -depth 24
```

```
wget https://dl.google.com/linux/direct/google-chrome-stable_current_amd64.deb
```

```
sudo dpkg -i google-chrome-stable_current_amd64.deb
```

```
apt --fix-broken install
```

```
#-----
```

```
vncserver -kill :1
```

```
vncserver :1 -geometry 1000x700 -depth 24
```

```
#-
```

```
tightvncserver :1
```

```
tightvncserver -kill :1
```

```
tightvncserver -geometry 1024x768 :1
```

```
#----- gnome -----
```

```
apt-get install gnome-desktop-environment
```

```
apt-get install xfonts-100dpi
apt-get install xfonts-100dpi-transcoded
apt-get install xfonts-75dpi
apt-get install xfonts-75dpi-transcoded
apt-get install xfonts-base
```

```
#----- gnome debian -----
tasksel install desktop gnome-desktop
tasksel install laptop
systemctl set-default graphical.target
```

<https://my.vps6.net/knowledgebase/52/How-to-Install-VNC-wor-GNOME-on-Debian-VPS.html>

# Install Wekan on linux

<https://github.com/wekan/wekan-snap/wiki/Install>

# Debian sources.list

```
deb http://deb.debian.org/debian buster main
```

```
deb-src http://deb.debian.org/debian buster main
```

```
deb http://deb.debian.org/debian-security/ buster/updates main
```

```
deb-src http://deb.debian.org/debian-security/ buster/updates main
```

```
nano /etc/apt/sources.list
```

# Linux Benchmark

```
wget -qO- bench.sh | bash
```

# Instalar OpenVPN en servidor

<https://www.cyberciti.biz/faq/howto-setup-openvpn-server-on-ubuntu-linux-14-04-or-16-04-lts/>

<https://github.com/Nyr/openvpn-install>

```
wget https://git.io/vpn -O openvpn-install.sh
```

```
# vpn
```

```
sudo bash openvpn-install.sh
```

```
sudo apt install openvpn
```

```
openvpn --config client.ovpn
```

```
openvpn --config client.ovpn --auth-user-pass
```

# Instalar ZSH

```
sudo apt-get install zsh
```

```
# oh-my-zsh
```

```
wget https://github.com/robbyrussell/oh-my-zsh/raw/master/tools/install.sh -O - | zsh
```

```
# zsh por defecto
```

```
chsh -s `which zsh`
```

```
# reiniciar terminal
```

# Digital Ocean Tutorials

<https://www.digitalocean.com/community/tutorials/how-to-install-linux-nginx-mysql-php-lemp-stack-on-ubuntu-20-04>

<https://www.digitalocean.com/community/tutorials/how-to-install-and-configure-zabbix-to-securely-monitor-remote-servers-on-ubuntu-20-04>

<https://www.digitalocean.com/community/tutorials/how-to-secure-nginx-with-let-s-encrypt-on-ubuntu-20-04>

# Linux - Cron Tabs

```
# Ubuntu cron tab file location:
```

```
# /var/spool/cron/crontabs/
```

```
# list crontabs
```

```
crontab -l
```

```
#
```

```
sudo service cron reload
```

```
sudo /etc/init.d/cron start
```

```
sudo /etc/init.d/cron stop
```

```
sudo /etc/init.d/cron status
```