

Instal·lació Linux Server Ubuntu 20.04.3

[recepta](#)

instal·lació

configuració

```
sudo apt update -y && sudo apt upgrade -y
sudo apt install -y git vim
```

zsh

```
sudo apt install -y fonts-powerline zsh
sh -c "$(curl -fsSL
https://raw.githubusercontent.com/robbyrussell/oh-my-zsh/master/tools/install.sh)"
chsh -s $(which zsh)
```

```
sudo apt-get install -y zsh-syntax-highlighting
git clone https://github.com/zsh-users/zsh-syntax-highlighting.git
${ZSH_CUSTOM}/plugins/zsh-syntax-highlighting
```

```
git clone https://github.com/zsh-users/zsh-syntax-highlighting.git
${ZSH_CUSTOM}/plugins/zsh-syntax-highlighting
```

[; .zshrc](#)

```
ZSH_THEME="agnoster"
plugins=(git
    colored-man-pages
    colorize
    zsh-syntax-highlighting
    vagrant
    zsh-autosuggestions
    timer
)
```

ntp

```
sudo apt install -y ntp
sudo ln -s /usr/share/zoneinfo/Etc/UTC localtime_old
sudo unlink localtime
sudo ln -s /usr/share/zoneinfo/Europe/Andorra /etc/localtime
sudo systemctl restart ntp.service
```

docker

```
sudo apt-get install \
  ca-certificates \
  curl \
  gnupg \
  lsb-release
curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o
/usr/share/keyrings/docker-archive-keyring.gpg
echo "deb [arch=$(dpkg --print-architecture) signed-by=/usr/share/keyrings/docker-
archive-keyring.gpg] https://download.docker.com/linux/ubuntu \
  $(lsb_release -cs) stable" | sudo tee /etc/apt/sources.list.d/docker.list >
/dev/null
sudo apt-get update
sudo apt-get install docker-ce docker-ce-cli containerd.io
sudo usermod -aG docker fidmag
```

ufw

```
sudo apt install -y ufw
ufw default deny incoming
ufw default allow outgoing
ufw allow ssh
ufw enable
ufw status
ufw app list
```

/via: <https://community.hetzner.com/tutorials/simple-firewall-management-with-ufw>

ssh

/via: <https://community.hetzner.com/tutorials/securing-ssh>

```
;/etc/ssh/sshd_config
```

```
AllowTcpForwarding no           # Disables port forwarding.
X11Forwarding no                # Disables remote GUI view.
AllowAgentForwarding no        # Disables the forwarding of the SSH
login.
MaxAuthTries 2
AllowUsers fidmag
ClientAliveInterval 300
ClientAliveCountMax 1
PermitRootLogin no
```

```
sudo sshd -t # test configuration
sudo systemctl restart sshd
```

fail2ban

```
sudo apt install -y fail2ban
```

```
sudo systemctl enable fail2ban
sudo cp /etc/fail2ban/jail.conf /etc/fail2ban/jail.local
sudo vim /etc/fail2ban/jail.local # add enabled = true in [sshd] section
```

sudo

sudoreplay

```
sudo visudo
# add: Defaults log_output
sudo sudoreplay -l # list sessions
sudo sudoreplay <TSID>
```

su

```
sudo groupadd su
sudo usermod -a -G su fidmag
sudo dpkg-statoverride --update --add root admin 4750 /bin/su
```

/via: <https://www.techrepublic.com/article/how-to-limit-access-to-the-su-command-in-linux/>

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