

# wireguard

- [Raspberry 3B+ \(192.168.24.60\) -> DNS](#) → pivpn basado en wireguard

## simple network interface

```
wg genkey > private
wg pubkey < private # client

sudo ip link add dev wg0 type wireguard
ip address add dev wg0 192.168.2.1/24
sudo wg set wg0 private-key ./private
sudo ip link set wg0 up

wg

# machine A
wg set wg0 peer <PUB-KEY-MACHINE-B> allowed-ips 10.0.0.1/32 endpoint <IP-MACHINE-B>:<PORT>

#machine B
wg set wg0 peer <PUB-KEY-MACHINE-A> allowed-ips 10.0.0.2/32 endpoint <IP-MACHINE-A>:<PORT>

wg show
wg showconf
```

```
# machine B
```

```
# machine C
```

## local install

- 10.0.0.1: raspi4
- 10.0.0.2: myKDE
- 10.0.0.3: k1
- 10.0.0.10: W10
- 10.0.0.20: Mac

## tunnel edit

### server

```
[Interface]
PrivateKey = <%%***%%>
Address = 10.0.0.X
ListenPort = 57873
```

- <https://www.procustodibus.com/blog/2021/01/wireguard-endpoints-and-ip-addresses/>

peer

[Peer]

PublicKey = wLyNz+pIEHuLkHZat7JJlKRJ/BjMLHfG9F0Lp+2cWTU=

AllowedIPs = 10.0.0.1/32

Endpoint = 192.168.1.70:41724

From:

<https://miguelangel.torresegea.es/wiki/> - miguel angel torres egea

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Last update: **26/12/2021 11:53**

