

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
```

```
# This is for if you're behind a NAT and
```

```
# want the connection to be kept alive.
```

```
PersistentKeepalive = 25
```

From:

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

Permanent link:

<https://miguelangel.torresegea.es/wiki/criptografia:wireguard:start?rev=1640548826>

Last update: **26/12/2021 12:00**

