

# 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
```

## windows

1. crear nuevo tunel
2. editar tunel
  1. fijar puerto
  2. añadir peer
3. añadir IP privada en conexiones de red sobre el tunel creado

```
[Interface]  
PrivateKey = <%%***%%>  
ListenPort = 57873  
  
[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**

Permanent link:  
<https://miguelangel.torresegea.es/wiki/criptografia:wireguard:start?rev=1640548281>

Last update: **26/12/2021 11:51**

