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

tunel edit

- https://www.stavros.io/posts/how-to-configure-wireguard/
- https://www.procustodibus.com/blog/2021/01/wireguard-endpoints-and-ip-addresses/

server

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

```
ListenPort = 57873
```

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
```

- ufw:

```
sudo ufw allow XXXXX/udp
```