

Wireguard

Server setup

```
cd /etc/wireguard
wg genkey | tee privatekey | wg pubkey > publickey
chmod 400 publickey privatekey
```

/etc/wireguard/wg0.conf

```
[Interface]
Address = 192.168.x.1/24
ListenPort = ...
PrivateKey = ...
SaveConfig = true
```

Interface autostart

using wgquick service

PostUp and PostDown scripting are possible:

/etc/wireguard/wg0.conf

```
[Interface]
Address = 192.168.x.1/24
ListenPort = ...
PrivateKey = ...
SaveConfig = true
PostUp = iptables -A FORWARD -i %i -j ACCEPT; iptables -t nat -A
POSTROUTING -o eth0 -j MASQUERADE; iptables -A FORWARD -o %i -j ACCEPT
PostDown = iptables -D FORWARD -i %i -j ACCEPT; iptables -t nat -D
POSTROUTING -o eth0 -j MASQUERADE; iptables -D FORWARD -o %i -j ACCEPT
```

```
sudo systemctl enable --now wg-quick@wg0
```

using ifupdown

```
[Interface]
ListenPort = ...
```

```
PrivateKey = ...
```

```
# activate on boot
auto wg0
# interface configuration
iface wg0 inet static
    address 192.168.x.1/24
    pre-up ip link add wg0 type wireguard
    pre-up wg setconf wg0 /etc/wireguard/wg0.conf

    post-up ...

    post-down ...
    post-down ip link del wg0
```

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