

# Install VPN-Server on Debian 9.x

## Ausgangslage:

- LAN Network=192.168.1.0/24
- VPN Network=192.168.100.0/24
- VPN Port=53666/UDP

```
# echo "deb http://deb.debian.org/debian/ unstable main" >
/etc/apt/sources.list.d/unstable.list
# printf 'Package: *\nPin: release a=unstable\nPin-Priority: 90\n' >
/etc/apt/preferences.d/limit-unstable
```

```
# apt-get update
# apt-get install wireguard linux-headers-$(uname -r)
# reboot
```

```
# umask 077 && cd /etc/wireguard/
# wg genkey > wg0.conf
```

```
# vim /etc/wireguard/wg0.conf
```

```
[Interface]
Address = 192.168.100.1/24
SaveConfig = true
PostUp = iptables -I FORWARD -i wg0 -j ACCEPT; iptables -I FORWARD -o wg0 -j
ACCEPT
PostDown = iptables -F FORWARD
ListenPort = 53666
PrivateKey = INVH3hPTDtaQVB7TkGy/qLMeEgbiiUjV2PbPF0B4+ns=
```

```
# sysctl net.ipv4.ip_forward=1
```

```
# vim /etc/sysctl.d/99-sysctl.conf
```

```
# sysctl settings are defined through files in
# /usr/lib/sysctl.d/, /run/sysctl.d/, and /etc/sysctl.d/.
#
# Vendors settings live in /usr/lib/sysctl.d/.
# To override a whole file, create a new file with the same in
# /etc/sysctl.d/ and put new settings there. To override
# only specific settings, add a file with a lexically later
```

```
# name in /etc/sysctl.d/ and put new settings there.  
#  
# For more information, see sysctl.conf(5) and sysctl.d(5).  
net.ipv4.ip_forward=1
```

```
# sysctl -p  
# systemctl start wg-quick@wg0.service  
# systemctl enable wg-quick@wg0.service
```

```
# wg
```

```
interface: wg0  
public key: g5C+DlBfxAzk+QHU6wSDC9PGKoSHTf5j9NC9fBQcrks=  
private key: (hidden)  
listening port: 53666
```

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Last update: **2018/12/30 15:27**