

How to setup VPN server on Ubuntu VPS

Setup VPN on a Ubuntu VPS (I'm using Linode)

1. Install PPTP

```
sudo apt-get install pptpd
```

2. Modify /etc/pptpd.conf

```
localip 192.168.0.1
remoteip 192.168.0.234-238,192.168.0.245
```

3. Modify /etc/ppp/pptpd-options

```
#refuse-mschap
require-mschap-v2 #for iPhone
ms-dns 8.8.8.8
ms-dns 8.8.4.4
```

4. Setup VPN account

Modify /etc/ppp/chap-secrets, add an account like:

```
USERNAME pptpd PASSWORD *
```

5. Restart PPTP

```
/etc/init.d/pptpd restart
```

6. Enable IP forwarding

Modify /etc/sysctl.conf, uncomment

```
net.ipv4.ip_forward=1
```

7. Run `sysctl -p` to make change effective

8. Add forwarding rule

```
iptables -A FORWARD -s 192.168.0.0/24 -j ACCEPT
```

```
iptables -t nat -A POSTROUTING -s 192.168.0.0/24 -o eth0 -j MASQUERADE
```