

Debian | PPTP server

Install the PPTP server

```
sudo apt install pptpd
```

Open pptpd-options, find and comment out "require-mppe-128"

```
sudo vi /etc/ppp/pptpd-options
```

```
...
# Encryption
# (There have been multiple versions of PPP with encryption support,
# choose with of the following sections you will use.)

# BSD licensed ppp-2.4.2 upstream with MPPE only, kernel module ppp_mppe.o
# {{{
...
# require-mppe-128
# }}}
...
```

Open chap-secrets and create a client secret

```
sudo vi /etc/ppp/chap-secrets
```

```
# Secrets for authentication using CHAP
# client      server  secret          IP addresses
client1      pptpd  supersecure     *
```

Open pptpd.conf and define a local and remote IP

```
sudo vi /etc/pptpd.conf
```

```
...
localip 172.16.10.1
# Supports one remote client, if you want more, you can define a range e.g. remoteip
172.16.10.2-4
remoteip 172.16.10.2
```

Open `sysctl.conf` and uncomment `net.ipv4.ip_forward=1` to enable IP routing.

```
sudo vi /etc/sysctl.conf
```

```
...  
# Uncomment the next line to enable packet forwarding for IPv4  
net.ipv4.ip_forward=1
```

Activate the change using the following command

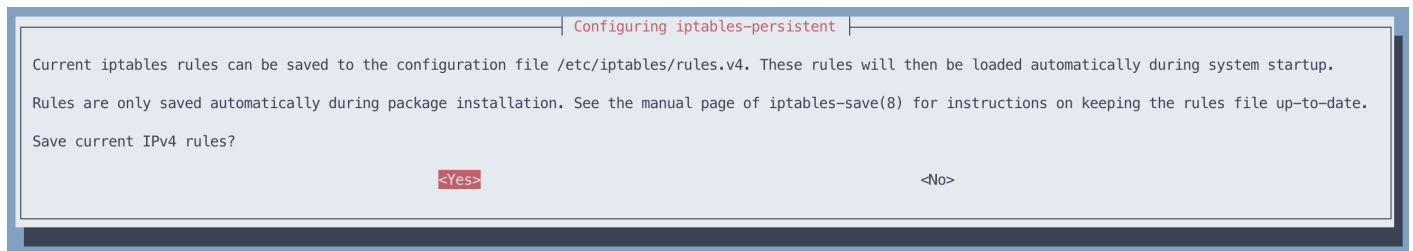
```
sudo sysctl -p
```

Enable masquerading on `eth0`

```
sudo iptables -t nat -A POSTROUTING -o eth0 -j MASQUERADE
```

Install `iptables-persistent` and select yes on saving current rules

```
sudo apt install iptables-persistent
```



Enable and start the PPTPD server

```
sudo systemctl enable --now
```

You should now be able to connect to the PPTP server using the username and password you created in the `chap-secrets` file.

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