

## PPTP VPN Server Setup

????CentOS 5

### ?? PPTPD

CentOS 5.x?

```
#> wget http://poptop.sourceforge.net/yum/stable/rhel5/i386/pptpd-1.4.0-1.rhel5.i386.rpm
#> rpm -ivh pptpd-1.4.0-1.rhel5.i386.rpm
```

CentOS 7.3?

```
#> yum install epel
#> yum install ppp pptpd
```

### ?? PPTPD

```
#> echo "localip 10.9.9.1" >> /etc/pptpd.conf
#> echo "remoteip 10.9.9.10-16" >> /etc/pptpd.conf
#> echo "ms-dns 8.8.8.8" >> /etc/ppp/options.pptpd
#> echo "ms-dns 8.8.4.4" >> /etc/ppp/options.pptpd
```

```
#> service pptpd restart
```

### ?? IP ??

CentOS 5?

```
#> vi /etc/sysctl.conf
```

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

```
#> sysctl -p
```

CentOS 7.3?

```
#> vi /etc/sysctl.d/pptpd.conf
```

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

```
#> echo "1" > /proc/sys/net/ipv4/ip_forward
```

```
?
```

```
#> sysctl -system
```

NAT ???

```
#> iptables -F
```

```
#> iptables -X
```

```
#> iptables --flush POSTROUTING --table nat
#> iptables --flush FORWARD
#> iptables -A INPUT -p tcp -m tcp --dport 1723 -j ACCEPT
#> iptables -A INPUT -p gre -j ACCEPT
#> iptables -t nat -A POSTROUTING -s 10.9.9.0/24 -o eth0 -j MASQUERADE
```

?? VPN ????

```
#> vi /etc/ppp/chap-secrets
```

```
<??> pppd <??> *
```

?????

?? Windows ?????????????????????????????????

?????????????????

```
#> service iptables save
#> service pptpd restart
#> service iptables restart
```

```
#> chkconfig pptpd on
#> chkconfig iptables on
```

**PPTP ???????**

Ubuntu 15?

VPN

- Gateway: <PPTP Server IP>
- Username: <pptp username>
- Password: <pptp password>
- ??
  - ? ?????MSCHAP + MSCHAPv2
  - ? ???????
  - ? ????????
  - ? ????????
  - ? ?? BSD ????
  - ? ?? Deflate ????
  - ? ?? TCP ????

????

- [How to Setup IKEv2 VPN Using Strongswan and Let's Encrypt on CentOS 8](#)
- <http://www.vixual.net/blog/archives/32>
- <https://www.digitalocean.com/communi...-vpn-with-pptp>