

Setup a PPTP VPN server on Centos 6

Written by BiRU

Monday, 08 June 2015 12:03 - Last Updated Monday, 20 July 2015 07:28

Although PPTP is now a deprecated protocol because of all the vulnerabilities, it is an easy way to route our packets through a different network, so leaving security aside this is what I did to setup my PPTPD daemon on a remote server, and use the server location to do some scraping work.

All commands are runnings as root.

Step 1: Install pptpd

```
[root@X log
```

Step 2: Setup pptpd

Now we need to setup the server according to our needs, most of the config options are on /etc/pptpd.conf and /etc/ppp/options.pptpd

I've added the following settings to /etc/pptpd.conf

```
localip 10.0.0.1 remoteip 10.0.0.100-200
```

And the following settings to /etc/ppp/options.pptpd

```
ms-dns 8.8.8.8 ms-dns 4.4.4.4
```

Step 3: Add some users

Add user accounts in /etc/ppp/chap-secrets (assign username and password)

To allow our users to connect, we need to add them first, the file to do that is

```
# client server secret IP addresses sdx * 123456 *
```

Step 4: Routing

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```
Nov  4 12:08:10 10-224-43-15 pptpd[19109]: CTRL: Starting call (launching pppd, opening GRE)
Nov  4 12:08:10 10-224-43-15 pppd[19110]: Plugin /usr/lib64/pptpd/pptpd-logwtmp.so loaded.
Nov  4 12:08:10 10-224-43-15 kernel: PPP generic driver version 2.4.2
Nov  4 12:08:10 10-224-43-15 pppd[19110]: pppd 2.4.5 started by ivan, uid 0
Nov  4 12:08:10 10-224-43-15 pppd[19110]: Using interface ppp0
Nov  4 12:08:10 10-224-43-15 pppd[19110]: Connect: ppp0  /dev/pts/1
Nov  4 12:08:12 10-224-43-15 pppd[19110]: peer from calling number 201.1.1.7 authorized
Nov  4 12:08:12 10-224-43-15 kernel: PPP MPPE Compression module registered
Nov  4 12:08:12 10-224-43-15 pppd[19110]: MPPE 128-bit stateless compression enabled
Nov  4 12:08:15 10-224-43-15 pppd[19110]: found interface eth0 for proxy arp
Nov  4 12:08:15 10-224-43-15 pppd[19110]: local  IP address 10.224.43.15
Nov  4 12:08:15 10-224-43-15 pppd[19110]: remote IP address 10.224.43.210
Nov  4 12:15:46 10-224-43-15 pppd[19110]: LCP terminated by peer ({M-^K[[^@ Nov  4
12:15:46 10-224-43-15 pppd[19110]: Connect time 7.6 minutes.
Nov  4 12:15:46 10-224-43-15 pppd[19110]: Sent 25687094 bytes, received 1325876 bytes.
Nov  4 12:15:46 10-224-43-15 pppd[19110]: Modem hangup
Nov  4 12:15:46 10-224-43-15 pppd[19110]: Connection terminated.
Nov  4 12:15:46 10-224-43-15 pppd[19110]: Exit.
```