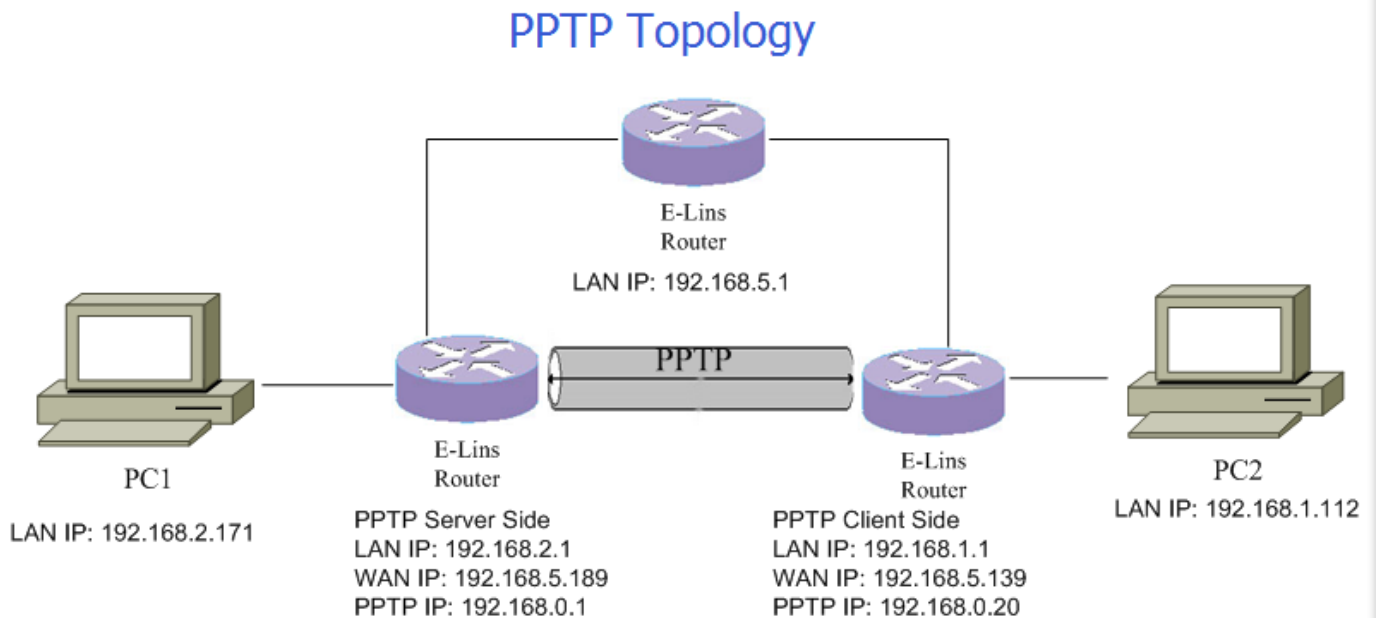


VPN Setting Example - PPTP



PPTP Server Configuration:

1. Open web management page, click "Services" → "VPN" at the left navigation bar, then click "PPTP" to open PPTP Configuration page.

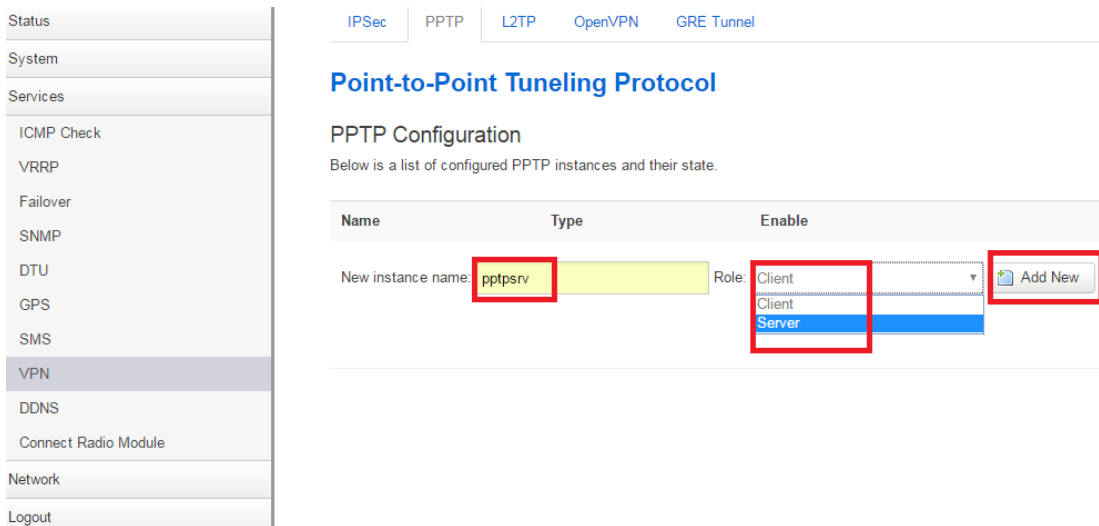
The screenshot shows the PPTP Configuration page. The left navigation bar has "Services" and "VPN" highlighted. The main content area shows the "Point-to-Point Tunneling Protocol" configuration. Below the title, it says "Below is a list of configured PPTP instances and their state." A table lists one instance:

Name	Type	Enable	
	Server	No	Edit Delete

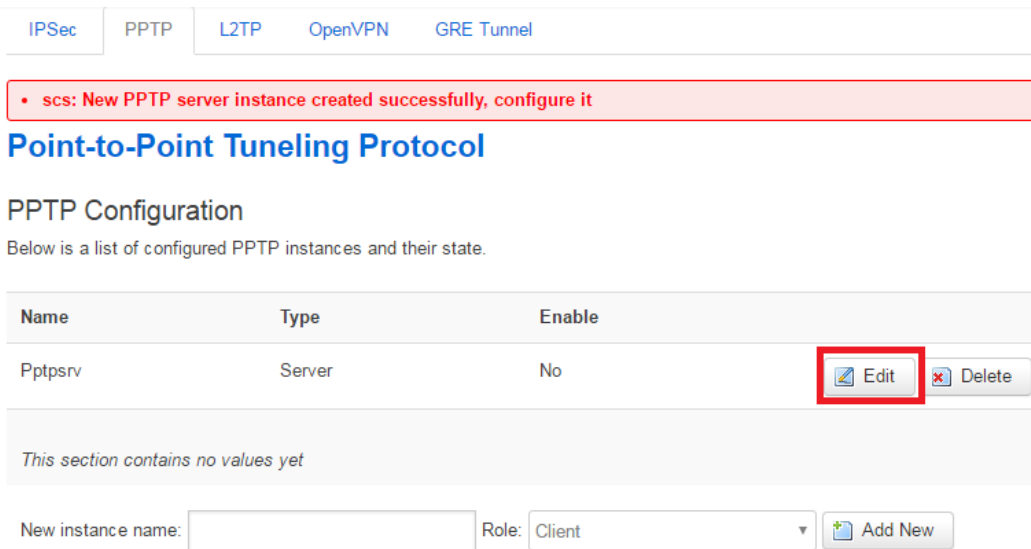
Below the table, there is a form for adding a new instance:

New instance name: Role: [Add New](#)

2. There is a PPTP server instance as default settings, you can click Button "Edit" to configure it. Otherwise you need to add a new one.
3. Input new instance name, the example we input "pptpsrv", then select "Server" as role, finally Click Button "Add New".



4. Then click Button “Edit” to edit PPTP server configuration.



5. Flag checkbox Enable, modify Local IP and remote IP range, then set username/password.

PPTP Server Instance: Pptpsrv

Main Settings

Enable

Local IP

Remote IP

Remote IP end

ARP Proxy

Debug

Username	Password	
<input type="text" value="test"/>	<input type="text" value="test"/>	<input type="button" value="Delete"/>

6. ARP Proxy: if remote LAN subnet is same as Local LAN subnet, checked it for connect each other.
7. If more than one username/password group needed, click button "Add" to add it:

PPTP Server Instance: Pptpsrv

Main Settings

Enable

Local IP

Remote IP

Remote IP end

ARP Proxy

Debug

Username	Password	
<input type="text" value="test"/>	<input type="password" value="****"/>	<input type="button" value="Delete"/>
<input type="text" value="test2"/>	<input type="password" value="test2"/>	<input type="button" value="Delete"/>

8. Click Button "Save & Apply" once configuring is done.

PPTP Client Configuration:

1. Open web management page, click "Services"->"VPN" at the left navigation bar, then click "PPTP" to open PPTP Configuration page.
2. Input new instance name, the example we input "pptpcl", and then select "Client" as role, finally Click Button "Add New".

The screenshot shows the web management interface. On the left, the 'Services' menu is expanded, and 'VPN' is selected. The main content area shows the 'PPTP Configuration' page. At the top, there are tabs for 'IPSec', 'PPTP', 'L2TP', 'OpenVPN', and 'GRE Tunnel'. Below the tabs, there is a table of configured PPTP instances. The table has columns for 'Name', 'Type', and 'Enable'. There is one instance listed with 'Name' as 'Server', 'Type' as 'Server', and 'Enable' as 'No'. Below the table, there is a form to add a new instance. The 'New instance name' field contains 'pptpcl'. The 'Role' dropdown menu is set to 'Client'. The 'Add New' button is highlighted with a red box.

3. Click button "Edit".

IPSec PPTP L2TP OpenVPN GRE Tunnel

• scs: New PPTP client instance created successfully, configure it

Point-to-Point Tunneling Protocol

PPTP Configuration

Below is a list of configured PPTP instances and their state.

Name	Type	Enable	
	Server	No	Edit Delete
Pptpcli	Client	No	Edit Delete

New instance name: Role: [Add New](#)

4. Checked "Enable", set Server as server WAN IP address, here our PPTP has IP address 192.168.5.139, server has WAN IP address 192.168.5.189.
Set username/password we configured on PPTP server.
Set Keep Alive or let it blank.

PPTP Client Instance: Pptpcli

Main Settings

Enable

Server

Username

Password

MTU

Keep Alive

Use default gateway

Use DNS servers advertised by peer

[Save & Apply](#) [Save](#) [Reset](#)

5. Click button "Save & Apply".
6. Wait couple of seconds. Check PPTP client status like this:

Interfaces

Interface Overview

Network	Status	Actions
PPTPCLI pptp-pptpcli	Uptime: 0h 0m 14s RX: 726.00 B (14 Pkts.) TX: 3.10 KB (64 Pkts.) IPv4: 192.168.1.1/32	Connect Stop Edit
LAN br-lan	Uptime: 1h 9m 37s MAC-Address: 90:22:06:80:10:01 RX: 174.40 KB (2365 Pkts.) TX: 156.16 KB (1694 Pkts.) IPv4: 192.168.1.1/24 IPv6: fdfe:1c37:2020::1/60	Connect Stop Edit
IFMOBILE ifmobile	Unsupported protocol type.	Connect Stop Edit
WAN eth0.2	Uptime: 1h 9m 34s MAC-Address: 90:22:06:C0:10:01 RX: 823.20 KB (10463 Pkts.) TX: 1.78 MB (11800 Pkts.) IPv4: 192.168.5.139/24	Connect Stop Edit
WAN6 eth0.2	Uptime: 0h 0m 0s MAC-Address: 90:22:06:C0:10:01 RX: 823.20 KB (10463 Pkts.) TX: 1.78 MB (11800 Pkts.)	Connect Stop Edit

7. Ping from PC2 192.168.1.112 to PC1 (192.168.2.171) which behind PPTP server:

```

--- 192.168.2.171 ping statistics ---
170 packets transmitted, 147 packets received, 13.5% packet loss
round-trip min/avg/max/stddev = 4.081/7.959/17.437/2.172 ms
dentydeMacBook-Pro-3:~ apple$ ping 192.168.2.171
PING 192.168.2.171 (192.168.2.171): 56 data bytes
64 bytes from 192.168.2.171: icmp_seq=0 ttl=62 time=8.635 ms
Request timeout for icmp_seq 1
64 bytes from 192.168.2.171: icmp_seq=2 ttl=62 time=5.528 ms
Request timeout for icmp_seq 3
64 bytes from 192.168.2.171: icmp_seq=4 ttl=62 time=4.720 ms
64 bytes from 192.168.2.171: icmp_seq=5 ttl=62 time=4.697 ms
64 bytes from 192.168.2.171: icmp_seq=6 ttl=62 time=6.250 ms
64 bytes from 192.168.2.171: icmp_seq=7 ttl=62 time=8.936 ms
Request timeout for icmp_seq 8
64 bytes from 192.168.2.171: icmp_seq=9 ttl=62 time=4.786 ms
64 bytes from 192.168.2.171: icmp_seq=10 ttl=62 time=5.341 ms
^C
--- 192.168.2.171 ping statistics ---
11 packets transmitted, 8 packets received, 27.3% packet loss
round-trip min/avg/max/stddev = 4.697/6.112/8.936/1.620 ms
dentydeMacBook-Pro-3:~ apple$

```