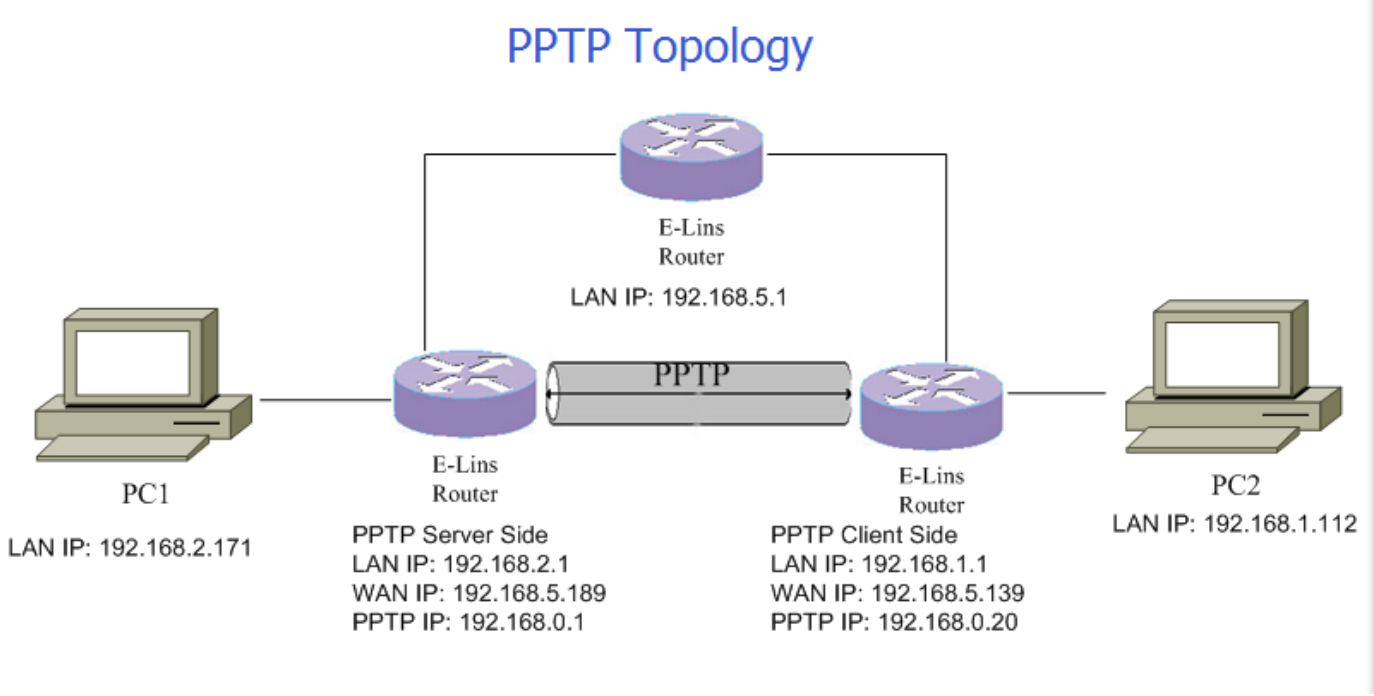
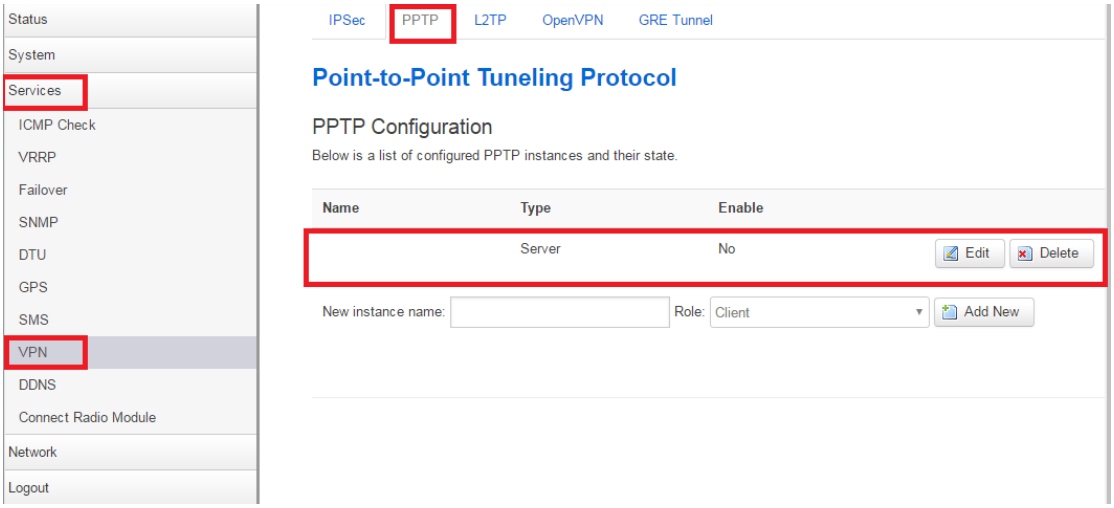
VPN Setting Example - PPTP

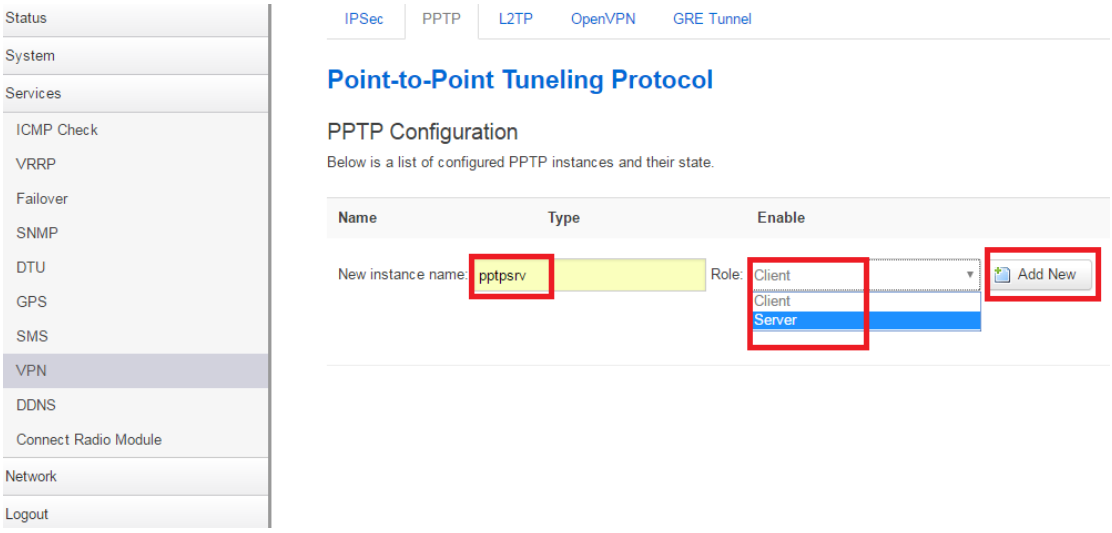


PPTP Server Configuration:

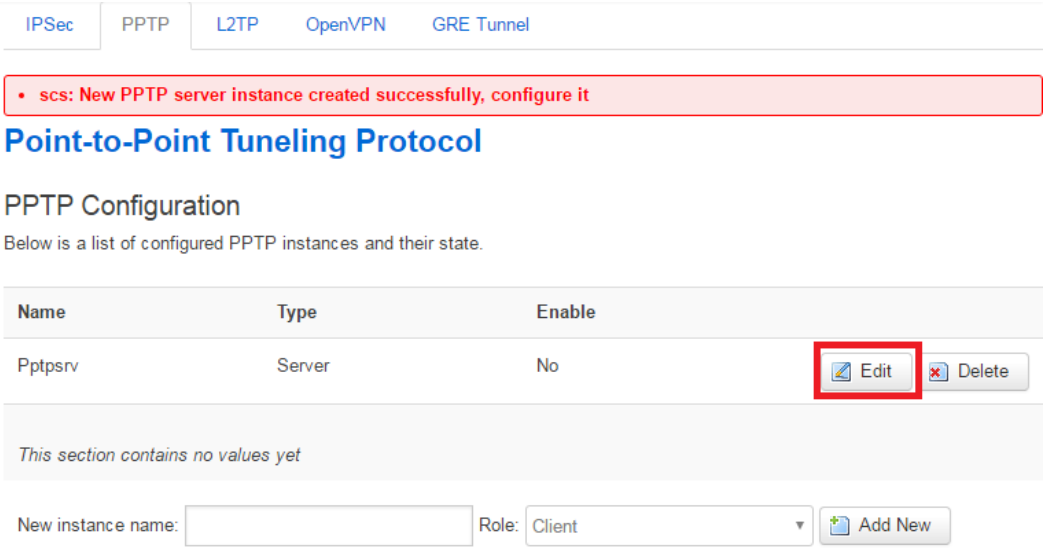
1. Open web management page, click “Services”-→”VPN” at the left navigation bar, then click “PPTP” to open PPTP Configuration page.



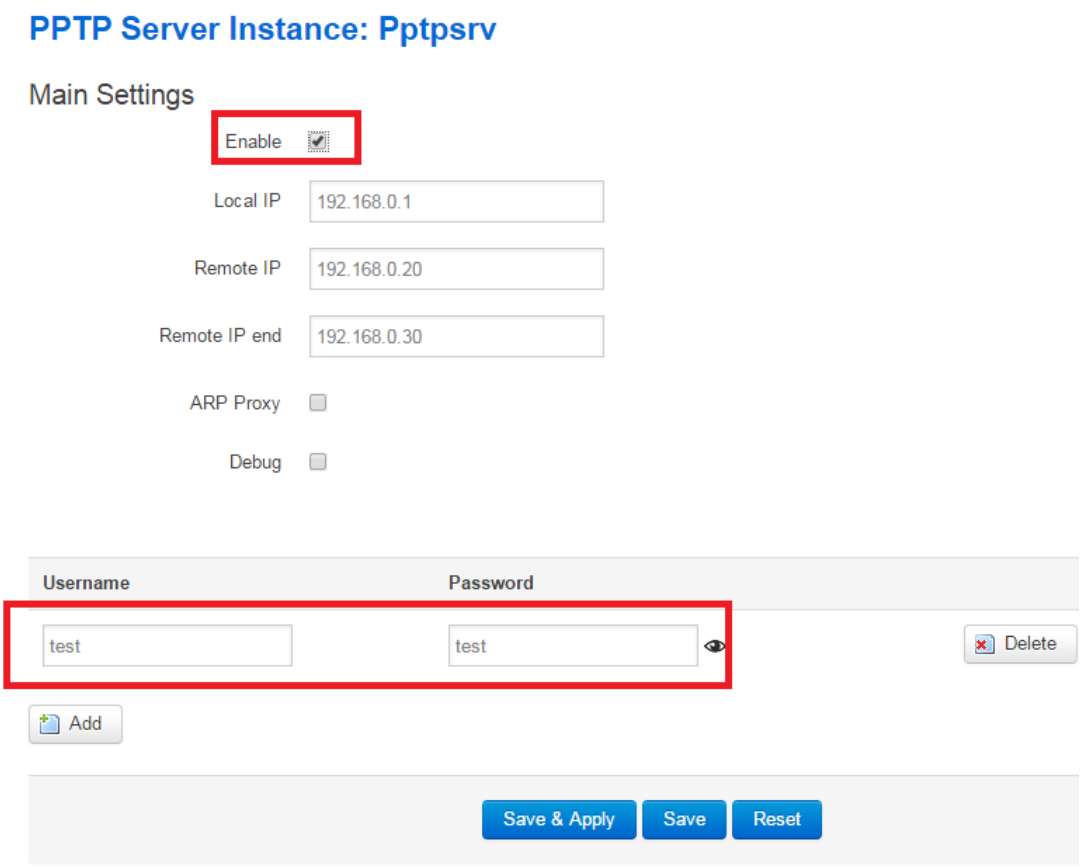
2. There is a PPTP server instance as default settings , you can click Button “Edit” to configure it. Otherwise you need to add a new one.
3. Input new instance name, the example we input “pptpsrv”, then select “Server” as role, finally Click Button “Add New”.



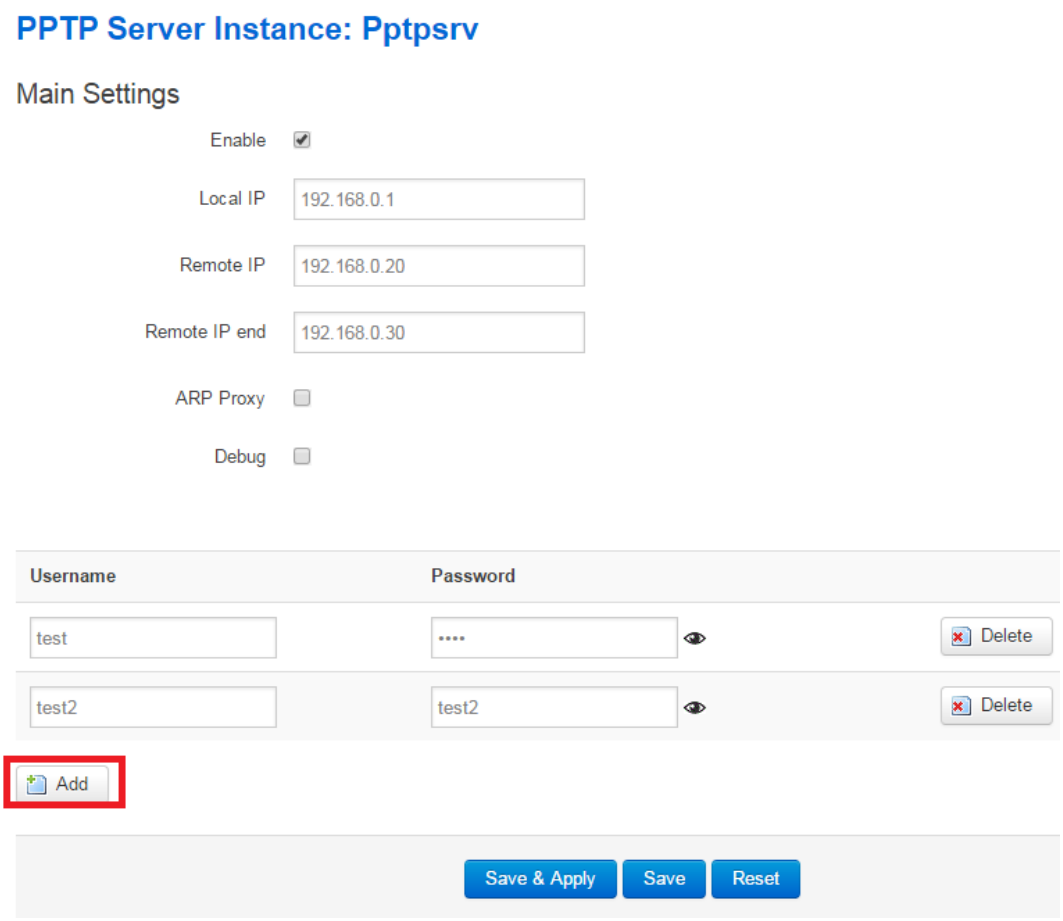
4. Then click Button “Edit” to edit PPTP server configuration.



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



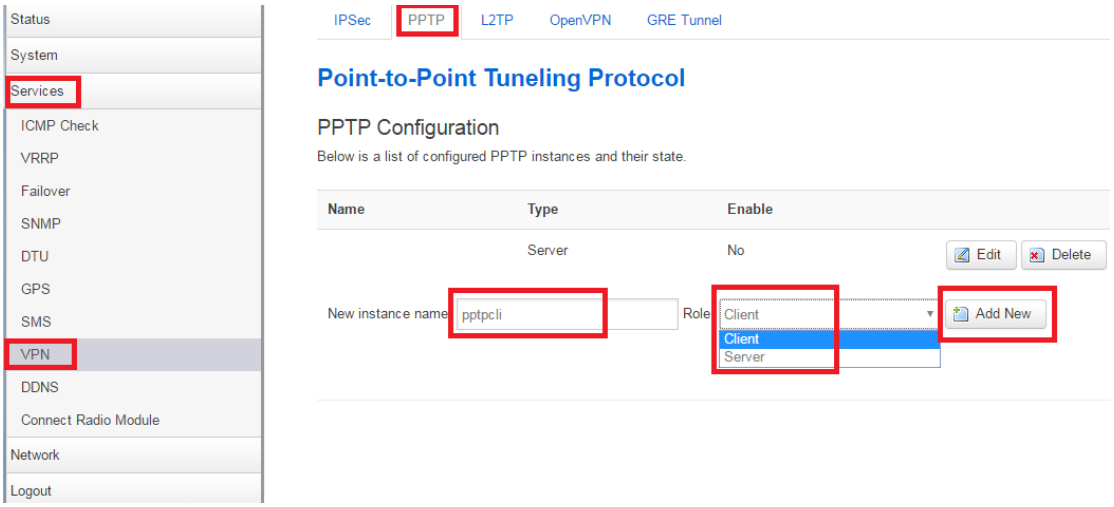
6. ARP Proxy: if remote LAN subnet is same as Local LAN subnet, checked it for connect each other.
7. If more than one username/password group needed, click button “Add” to add it:



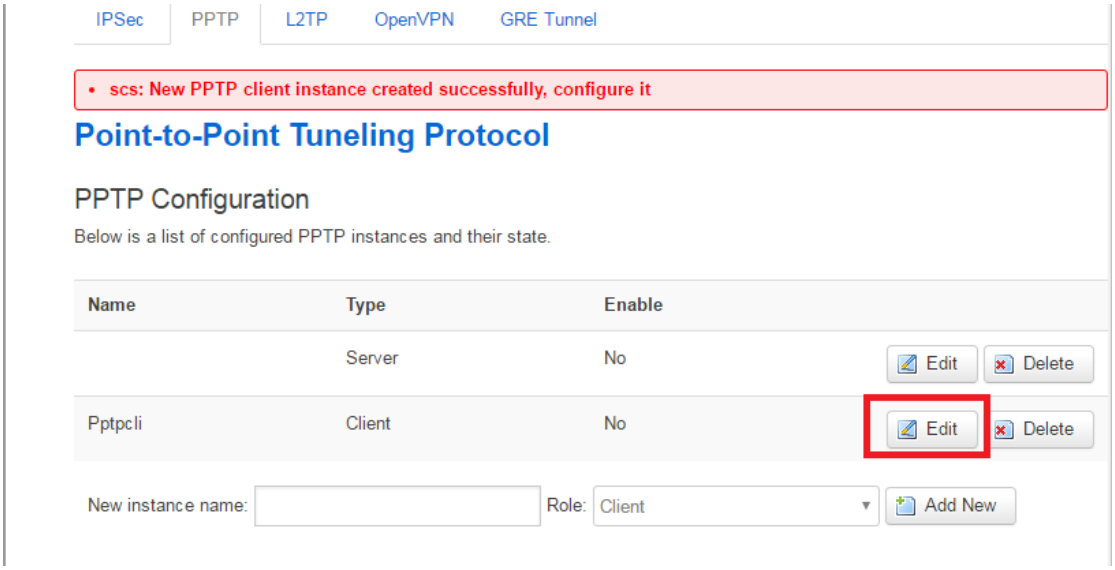
8. Click Button “Save & Apply” once configuring is done.

PPTP Client Configuration:

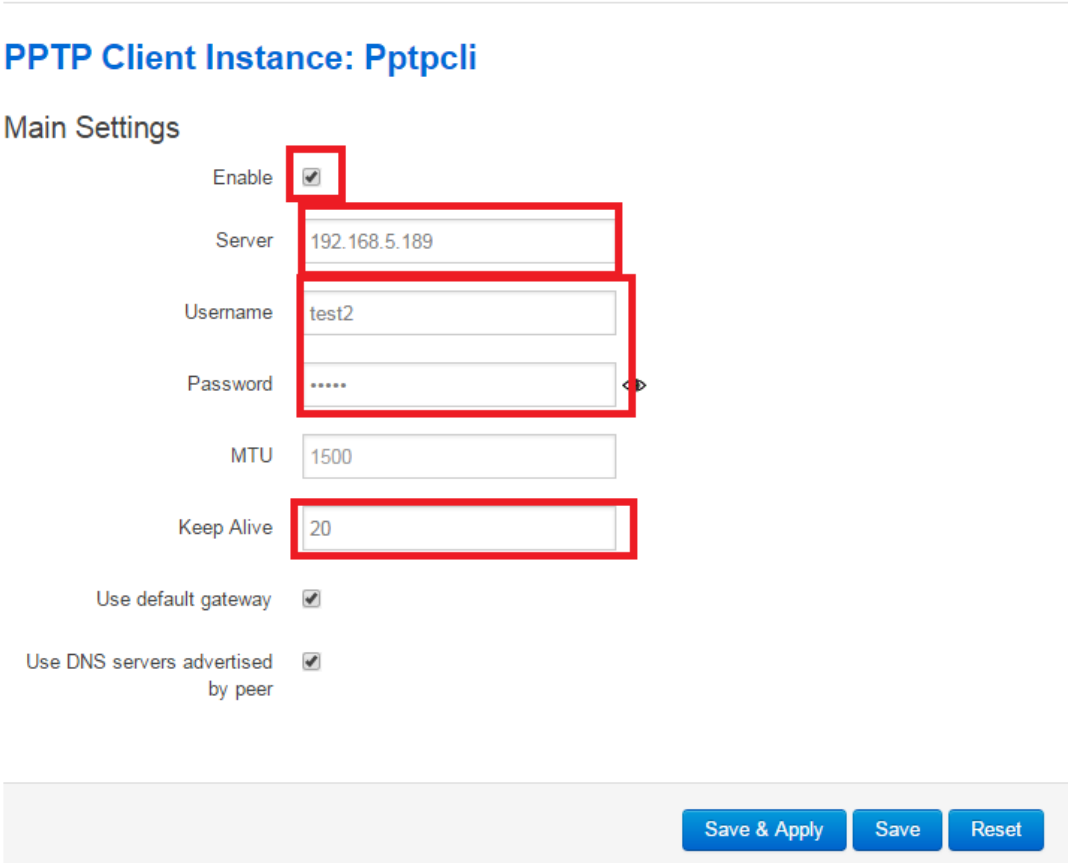
1. Open web management page, click “Services”-→”VPN” at the left navigation bar, then click “PPTP” to open PPTP Configuration page.
2. Input new instance name, the example we input “pptpcli”, and then select “Client” as role, finally Click Button “Add New”.



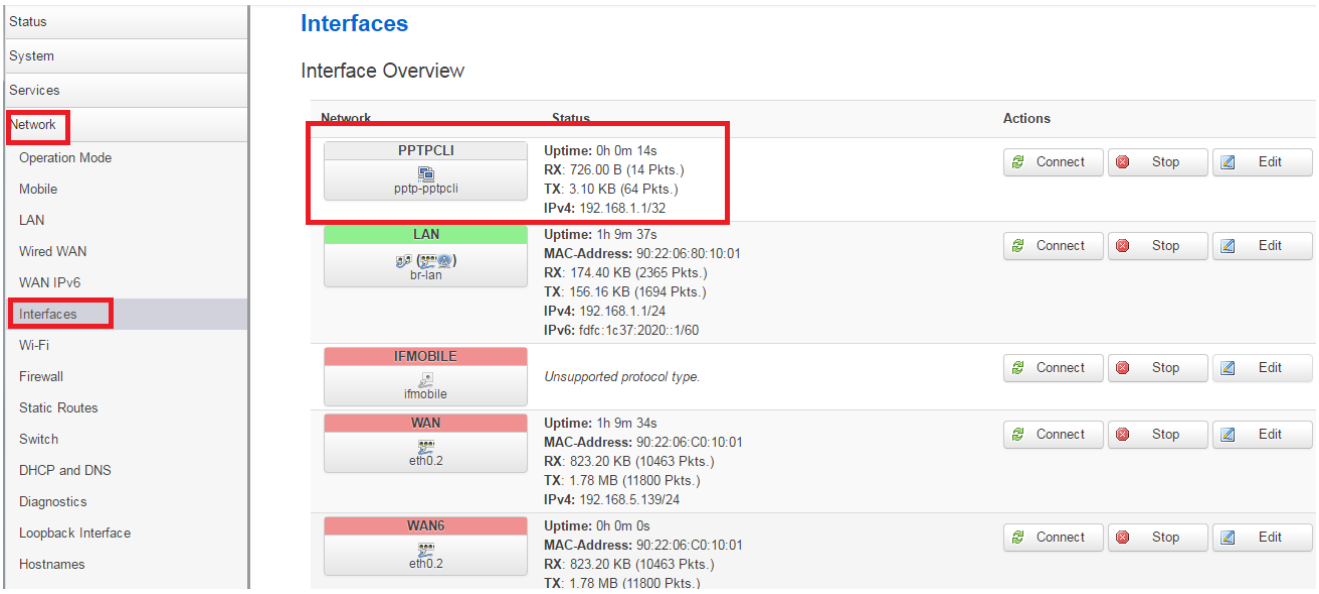
3. Click button “Edit”.



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.



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



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$
```