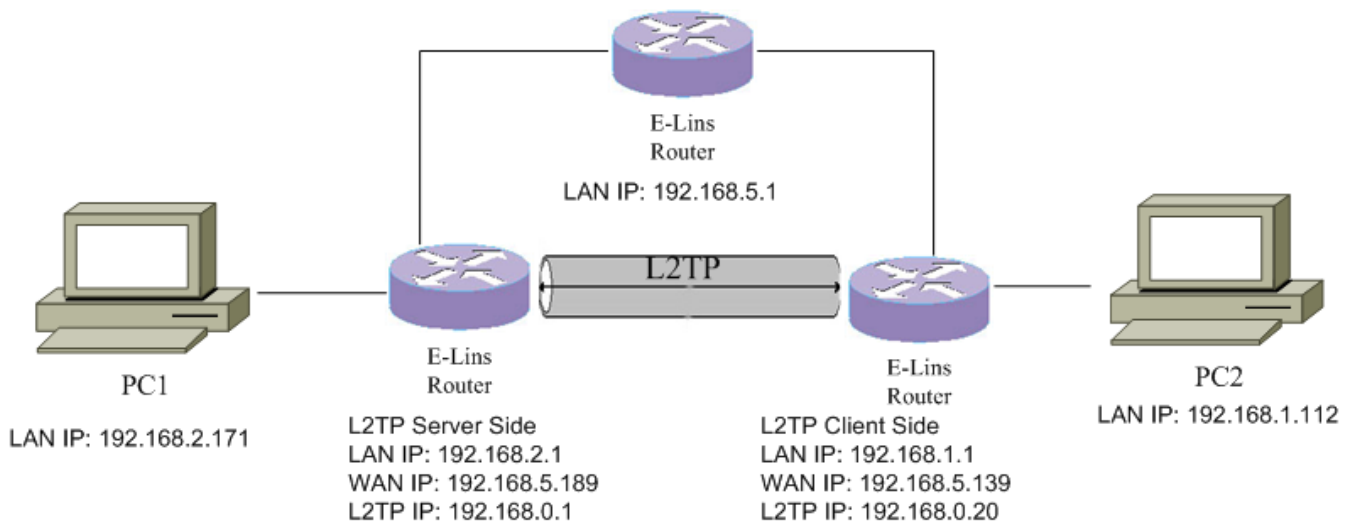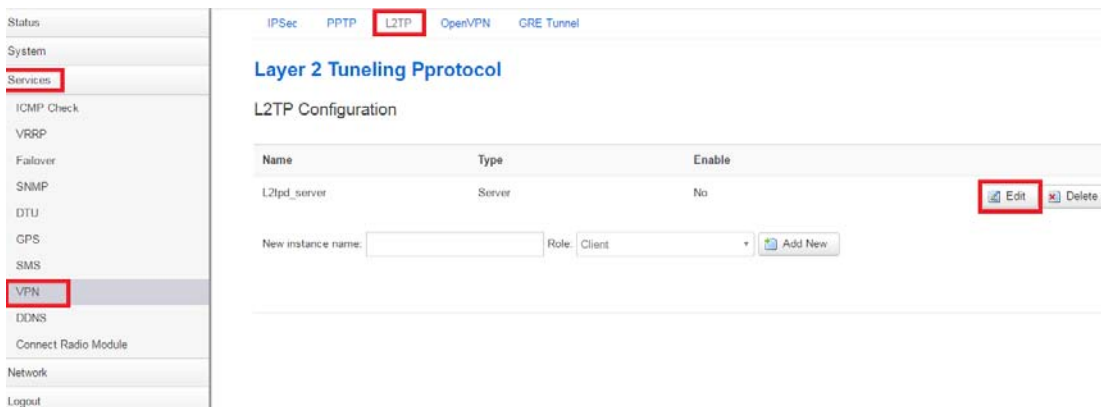伊林思科技有限公司
E-Lins Technology Co.,Limited

VPN Setting Example - L2TP

L2TP Topology

L2TP Server configuration

1. Open web management page, click "Services"-→"VPN" at the left navigation bar, then click "L2TP" to open L2TP Configuration page.

2. If there is no L2TP server instance in the list, input new instance name, select "Server " as role, and then click button "Add New".

3. Click button "Edit" in the list to configure L2TP server.

4. Checked "Enable", set remote LAN IP address, change Remote IP addresses Range as you like.

5. If more than one user name is required, click button "Add" to add a new group username/password. Click

button 👁 behind password can show/hide password.

L2TP Server Instance: L2tpsrv

Main Settings

Enable	☑
Local IP	192.168.0.1
Remote IP range begin	192.168.0.20
Remote IP range end	192.168.0.30
Remote LAN IP	192.168.1.1
Remote LAN netmask	255.255.255.0

Username	Password		
user	••••	👁	❎ Delete
test	test	👁	❎ Delete

🗋 Add

Save & Apply   Save   Reset
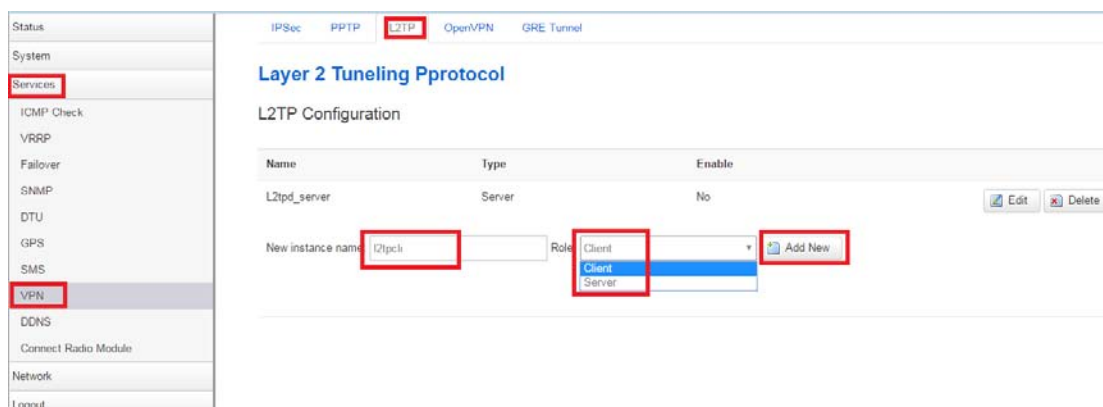
6. Click button "Save & Apply" if everything is done.

L2TP Client Configuration

1. Open web management page, click "Services"-→"VPN" at the left navigation bar, then click "L2TP" to open L2TP Configuration page.

2. Input new instance name, the example we input "l2tpcli", and then select "Client" as role, finally Click Button "Add New".

3. Click button "Edit" in the row of l2tpcli instance.

IPSec   PPTP   L2TP   OpenVPN   GRE Tunnel

• New L2TP client instance created successfully, configure it

Layer 2 Tuneling Pprotocol

L2TP Configuration

Name	Type	Enable		
L2tpd_server	Server	No	✏ Edit	✖ Delete
L2tpcli	Client	No	✏ Edit	✖ Delete

New instance name: [   ]   Role: Client ▼   📄 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 L2TP server.
    Set Keep Alive and checkup interval.

L2TP Client Instance: L2tpcli

Main Settings

Enable	☑
Server	192.168.5.189
Username	test
Password	••••
MTU	1500
Keep Alive	20
Checkup Interval	10

Save & Apply   Save   Reset

5. Click button "Save & Apply" if everything is done.
6. Check the link status of client:

7. Ping from PC2(192.168.1.112) which is behind L2PT client, to the PC1(192.168.2.171) which behind L2TP server.

```
64 bytes from 192.168.2.171: icmp_seq=995 ttl=62 time=6.008 ms
64 bytes from 192.168.2.171: icmp_seq=996 ttl=62 time=5.476 ms
64 bytes from 192.168.2.171: icmp_seq=997 ttl=62 time=5.350 ms
64 bytes from 192.168.2.171: icmp_seq=998 ttl=62 time=6.179 ms
64 bytes from 192.168.2.171: icmp_seq=999 ttl=62 time=6.684 ms
64 bytes from 192.168.2.171: icmp_seq=1000 ttl=62 time=5.640 ms
64 bytes from 192.168.2.171: icmp_seq=1001 ttl=62 time=5.284 ms
64 bytes from 192.168.2.171: icmp_seq=1002 ttl=62 time=5.063 ms
64 bytes from 192.168.2.171: icmp_seq=1003 ttl=62 time=6.062 ms
64 bytes from 192.168.2.171: icmp_seq=1004 ttl=62 time=6.067 ms
64 bytes from 192.168.2.171: icmp_seq=1005 ttl=62 time=6.575 ms
64 bytes from 192.168.2.171: icmp_seq=1006 ttl=62 time=3.398 ms
64 bytes from 192.168.2.171: icmp_seq=1007 ttl=62 time=5.990 ms
64 bytes from 192.168.2.171: icmp_seq=1008 ttl=62 time=9.059 ms
^C
--- 192.168.2.171 ping statistics ---
```