

VPN Setting Example - L2TP





L2TP Server configuration

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

stem	Lover 2 Tuneling F	Invetocal				
irvices	Layer 2 Tuneling P	protocol				
CMP Check	L2TP Configuration					
/RRP	1111 1100 11					
alover	Name	Туре		Enable		
NMP	L2Ipd server	Server		No		Edit Rolete
ти						
PS	New instance name:		Role: Client	+	1 Add New	
MS						
PN						
ONS						
onnect Radio Module						
work						

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".

IPSec	PPTP	L2TP	OpenVPN	GRE Tunnel		
aver	2 Tune	lina P	protocol			
ayor	E runo	, ing i	protocor			
_2TP Co	onfigura	ition				
Name			Туре		Enable	

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

IPSec	PPTP	L2TP	OpenVPN	GRE Tunnel						
New L2	TP server	instance cr	eated							
Layer	2 Tune	ling P	protocol							
L2TP C	onfigura	tion								
Name			Туре			Enable				
L2tpsrv			Serve	r		No			🖉 Ec	lit 🗴 Delete
This secti	on contains	no values j	vet							
New insta	nce name:			Role:	Client		• 📩 Add New]		

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

L2TP Server Insta	ince: 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			•	X Delete
Add				
		Save & Apply	Save Reset	

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

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vlain Settings			
Enable	s		
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		
Remote LAN netmask	255.255.255.0	Password	
Remote LAN netmask	255.255.255.0	Password 🔹	E Del
Remote LAN netmask Username test	255.255.255.0	Password test	R Del
Vsername	255.255.255.0	Password test	R Del

L2TP Client Configuration

6.

- 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".

Status	IPSec PPTP L2TP	OpenVPN GRE Tunnel		
System		-		
Services	Layer 2 Tuneling	Pprotocol		
ICMP Check	L2TP Configuration			
VRRP	A 4 - 00			
Failover	Name	Туре	Enable	
SNMP	L2tpd_server	Server	No	Edit 🛪 Delete
DTU				
GP8	New instance name 2tpcli	Role	nt * 🖆 Add New	
SMS		Che	nt internet interne	
VPN		1.201	(D)	
DDNS				
Connect Radio Module				
Network				
Logout				

3. Click button "Edit" in the row of I2tpcli instance.

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IPSec PPTP L2T	TP OpenVPN GRE Tunnel		
New L2TP client instance	e created successfully, configure it		
avor 2 Tupoling	1 Pprotocol		
Layer 2 Tunening			
.2TP Configuration	, p		
2TP Configuration	Tune	Enable	
2TP Configuration	Туре	Enable	
2TP Configuration	Type Server	Enable	Z Edit De
2TP Configuration Name L2tpd_server	Type Server	Enable No	Z Edit De

 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:

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Status	Interfaces		
System	Interface Overview		
Services			
Network	Network	Status	Actions
Operation Mode	L2TPCLI	Uptime: 0h 0m 57s RX: 46.00 B (4 Pkts.)	2 Connect
Mobile	I2tp-12tpcli	TX: 52.00 B (4 Pkts.) IPv4: 192.168.0.20/32	
LAN	LAN	Uptime: 0h 49m 19s	
Wired WAN	a# (****®)	MAC-Address: 90:22:06:80:10:01	Connect
WAN IPv6	br-lan	RX: 102.27 KB (1690 Pkts.)	
Interfaces		IV: 63.80 KB (747 PKts.)	
Interfaceo		IPv6: fdfc:1c37:2020::1/60	
Wi-Fi	IFMOBILE		el const
Firewall	ifmobile	Unsupported protocol type.	Connect
Static Routes	WAN	Uptime: 0h 49m 16s	
Switch	27	MAC-Address: 90:22:06:C0:10:01	10 Connect
DHCP and DNS	ethU.2	RX : //1.42 KB (9055 Pkts.)	
Diagnostics		IPv4: 192.168.5.139/24	
Loopback Interface	WAN6	Uptime: Oh Om Os	A Connect
Hostnames	eth0.2	MAC-Address: 90:22:06:C0:10:01 RX: 771.42 KB (9055 Pkts.)	in connect
Dynamic Routing		IX: 2.30 MB (11599 Pkts.) IPv4: 192.168.5.139/24	
0.00			

 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 ---
```