PPTP/L2TP Setting

VPDN(Virtual Private Dial-up Networks), is a knd of VPN service based on dial-up users. That is, VPDN is accessing the internet in the way of dial-up, which is a secure virtual private network established by using the carrying function of IP network combined with the corresponding authentication and authorization mechanism. It is a kind of technology which is developed rapidly with development of Internet in recent years.

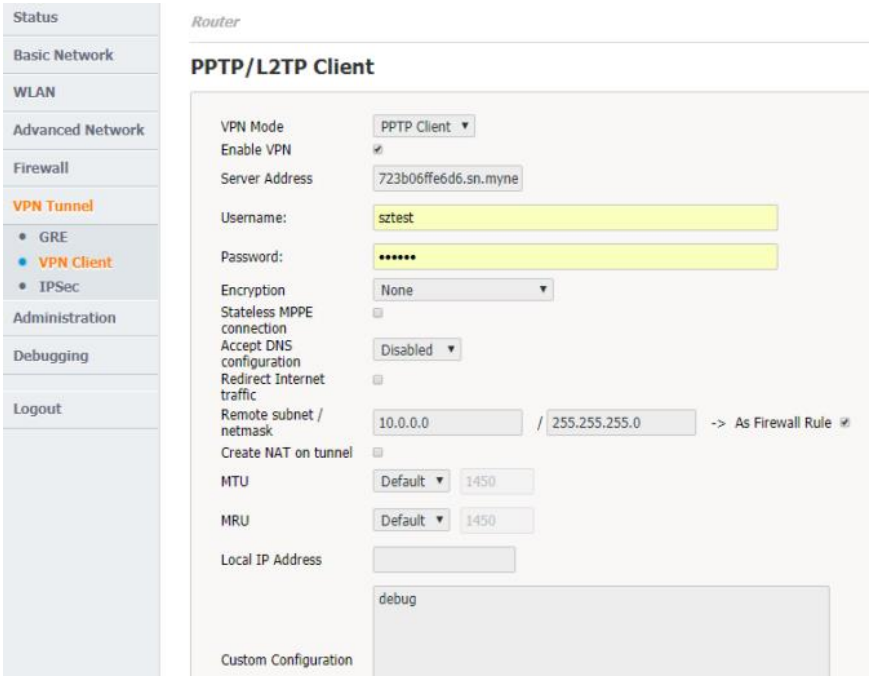
VPDN supports PPTP, L2F and L2TP etc, here we mainly talk about PPTP and L2TP.

PPTP(Point to Point Tunneling Protocol), is an extension of PPP, which provides a communication method of establishing a multi-protocol secure VPN on the IP network, and remote users can access the private network of the enterprise through any ISP that supports PPTP.

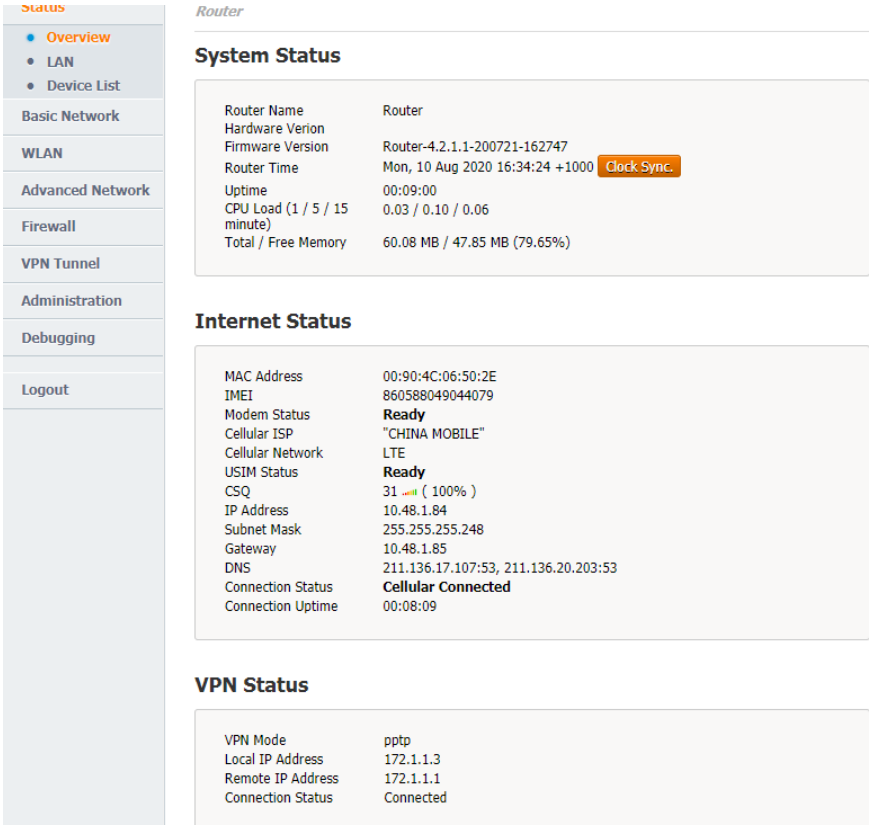
L2TP(Layer Two Tunneling Protocol), is a kind of VPDN tech used for channel transmission dedicated to the second layer of data. L2TP provides a means of remote access control, the typical application scenario is that a company employee dials into the company's local network access server (NAS) through PPP dial-up to access the company's internal network. Obtain the IP address and access the corresponding authority of the network resources. The employee dials into the company network as safe and convenient as in the company LAN.

PPTP Settings：

Step 1：Select “VPN Tunnel => VPN Client” and set PPTP parameters in web GUI as below:



You will see the Status of VPN Connected as below:

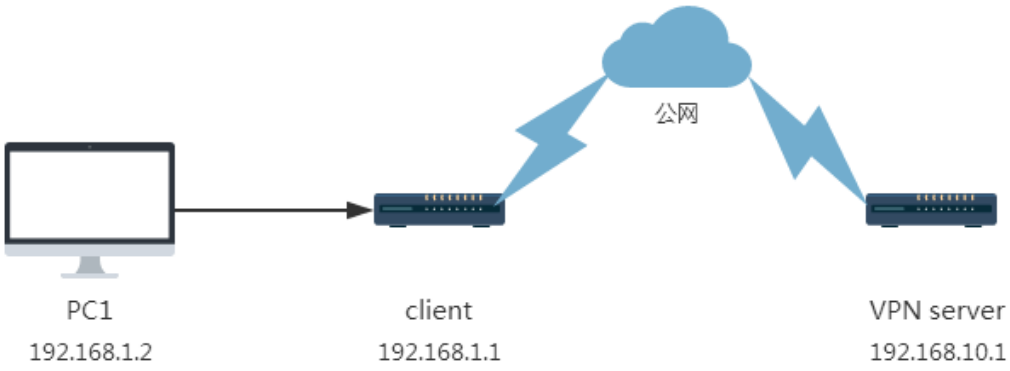


PPTP Setting Instruction

Settings	Indstruction	Mask
VPN Mode	PPTP Cleint	L2TP/PPTP
Enable VPN	Enable or disable VPN	Default is disable
Server Address	Set the IP Address or Domain name of Server	
User Name	Authorized user name by Server	
Password	Accessing password	
Encryption	Set encryption mode	Default is Auto
Stateless MPPE connection	Set the status of MPPE connection	Default is Diabled
Accept DNS configuration	Accept the DNS Server Address assigned by PPTP Server	Default is Diabled
Redirect Internet traffic	Set all traffic go VPN	Default is Diabled
Remote subnet / netmask ->As Firewall Rule	Set remote subnet / netmask as firewall rule	Default is enabled
Create NAT on tunnel	Create NAT tunnel	Default is Diabled
MTU	Set MTU	Default is 1450
MRU	Set MRU	Default is 1450
Local IP Address	Set the specified Local IP of VPN Client	Default is empty
Custom Configuration	Set custom dial-up	If need this, contact HOMTECS tech for help

Step 2：Click “Save” to finish

For example：

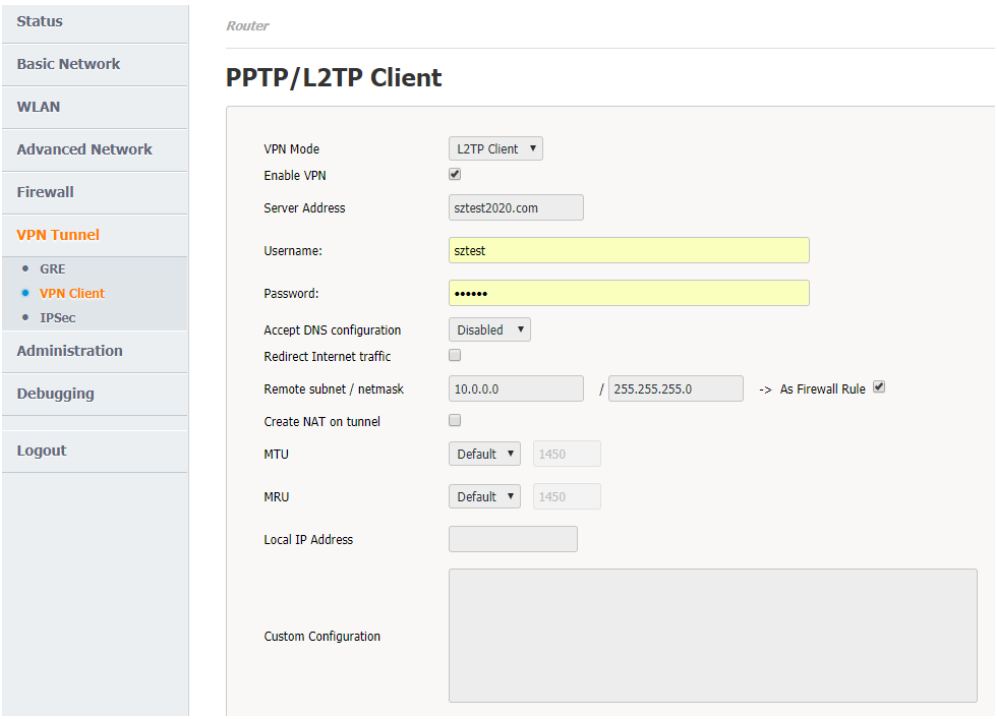


Select “Redirect Internet traffic”, after Router connects to 4G network, PPTP Client will connect to PPTP Server and get the IP and Gateway. And Router can ping the Gateway of PPTP Server

If not select “Redirect Internet traffic”, router can connect to PPTP VPN, but VPN routers cannot act as default route, the router's main route is still a wan or 3/4 G network, and the traffic to access the external network is provided by the router's wan or 3/4G, Access only through PPTP channels when accessing the server and its subordinate devices.

L2TP Settings：

Step 1: Select “VPN Tunnel => VPN Client” and set PPTP parameters in web GUI as below:



L2TP Setting Instruction

Settings	Indstruction	Mask
Enable VPN	Enable or disable VPN	Default is disable
Server Address	Set the IP Address or Domain name of Server	
User Name	Authorized user name by Server	
Password	Accessing password	
Accept DNS configuration	Accept the DNS Server Address assigned by PPTP Server	Default is Diabled
Redirect Internet traffic	Set all traffic go VPN	Default is Diabled
Remote subnet / netmask ->As Firewall Rule	Set remote subnet / netmask as firewall rule	Default is enabled
Create NAT on tunnel	Create NAT tunnel	Default is Diabled
MTU	Set MTU	Default is 1450
MRU	Set MRU	Default is 1450
Local IP Address	Set the specified Local IP of VPN Client	Default is empty
Custom Configuration	Set custom dial-up	If need this, contact HOMTECS tech for help

Step 2：Click “Save” to finish