

## How to configure the CM510Q-W and CM550W as PPTP Server



To configure VPN PPTP server on the CM510Q-W or CM550W router, please configure the router with the correct APN that will provide you with a Public WAN IP address, such as **telstra.extranet** for a Telstra Data SIM. You need to ask your carrier to activate your SIM card with a Public WAN IP.

## Configure PPTP server settings as below:

- Go\_to VPN Tunnel -> PPTP server
- Enable PPTP Server
- Set Remote IP Address Range to 172.19.0.1 172.19.0.6
- Set Encryption to MPPE-128
- Set PPTP User and Password

Basic Network	•	PPTP Server	
🗢 WLAN		Enable	
Advanced Network	•	Local IP Address/Netmask	192.168.1.1 / 255.255.255.0
🗐 Firewall	•	Remote IP Address Range	172.19.0.1 - 172.19.0.6 (6)
VPN Tunnel	•	Broadcast Relay Mode	Disabled   Enabling this may cause HIGH CPU usage
GRE OpenVPN Client		Encryption	MPPE-128
PPTP Server PPTP Online		DNS Servers	0.0.0.0
PPTP User List			
Username 🔨			Password
test			test
Delete × Cance	10	Ок∽	

## Set DDNS settings for Dynamic Public WAN IP address.

Go to Basic Network -> DDNS ->

Basic Network  WAN	Auto refresh every	28 minutes (0 = Disabled
Cellular LAN VLAN	Dynamic DNS1	
Schedule	Service	DynDNS - Dynamic 🔻
DDNS	100	
Routing	UKL	http://www.dyndns.com/
🕏 WLAN 🔶	Usernamé	techsupport
Advanced Network >	Password	
🔯 Firewall 🔹 🔹	P	enterna da la coma da la coma da
VPN Tunnel >	Hostname	cm510qw.dyndns.org
R Administration	Wildcard	

On Windows PC.

1. Go to Network and Internet Settings -> VPN -> Add a VPN connection.

K NETWORK & INTERNET	
Data usage	VPN
VPN	Add a VPN connection
Dial-up	
Ethernet	pptp cm210
Proxy	cm685v-w
	Comset PPTP

2. Set VPN Settings as below and click on the **Save** button.

VPN provider	
Windows (built-in)	$\sim$
Connection name	
РРТР	
Server name or address	
cm510qw.dyndns.org	
VPN type	
Point to Point Tunneling Protocol (PPTP)	$\sim$
Type of sign-in info	
User name and password	$\sim$
User name (optional)	
test	×

3. Click on **PPTP** to connect to the VPN PPTP server with username and password.

PPTP	Advanced entions	Pamovo
Connect	Advanced options	Remove
8		
test		
••••		Ŷ
Domain:		

4. Check VPN PPTP client connection.

+	Add a VPN connection
యం	pptp cm210
యం	cm685v-w
యం	Comset PPTP
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	PPTP Connected
	Advanced options Disconnect

5. Ping PC2 (192.168.1.5) behind the PPTP server from PC1

C:\Users\Ben>ping 192.168.1.5
Pinging 192.168.1.5 with 32 bytes of data: Reply from 192.168.1.5: bytes=32 time=275ms TTL=127 Reply from 192.168.1.5: bytes=32 time=277ms TTL=127 Reply from 192.168.1.5: bytes=32 time=289ms TTL=127 Reply from 192.168.1.5: bytes=32 time=342ms TTL=127
Ping statistics for 192.168.1.5: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss) Approximate round trip times in milli-seconds: Minimum = 275ms, Maximum = 342ms, Average = 295ms

6. Ping CM510Q-W LAN IP (192.168.1.1) from PC1.

C:\Users\Ben>ping 192.168.1.1	
Pinging 192.168.1.1 with 32 bytes of data: Reply from 192.168.1.1: bytes=32 time=290ms TTL=64 Reply from 192.168.1.1: bytes=32 time=283ms TTL=64 Reply from 192.168.1.1: bytes=32 time=276ms TTL=64 Reply from 192.168.1.1: bytes=32 time=448ms TTL=64	
Ping statistics for 192.168.1.1: Packets: Sent = 4, Received = 4, Lost = 0 (0% l Approximate round trip times in milli-seconds: Minimum = 276ms, Maximum = 448ms, Average = 324	oss), ms