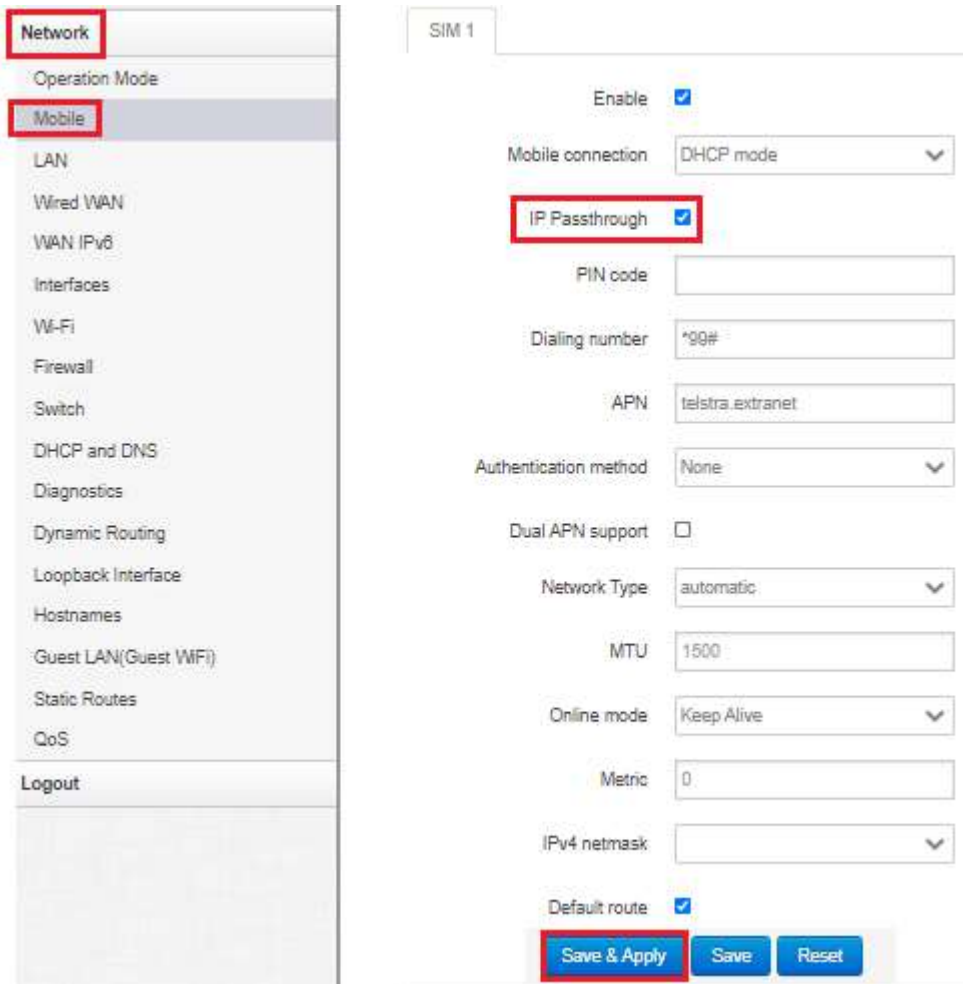


How to configure IP Pass-through on the Comset CM685V/CM820V/CM685VX

1. Enable IP-Passthrough on Mobile Settings.

Go to Network -> Mobile.

Enable IP Pass-through -> Save and Apply.



The screenshot displays the Comset web interface for configuring network settings. On the left, a sidebar menu shows 'Network' and 'Mobile' highlighted with red boxes. The main content area is titled 'SIM 1' and contains the following configuration options:

- Enable:**
- Mobile connection:** DHCP mode (dropdown)
- IP Passthrough:** (highlighted with a red box)
- PIN code:** (text input)
- Dialing number:** *99# (text input)
- APN:** telstra.extranet (text input)
- Authentication method:** None (dropdown)
- Dual APN support:**
- Network Type:** automatic (dropdown)
- MTU:** 1500 (text input)
- Online mode:** Keep Alive (dropdown)
- Metric:** 0 (text input)
- IPv4 netmask:** (dropdown)
- Default route:**

At the bottom, there are three buttons: 'Save & Apply' (highlighted with a red box), 'Save', and 'Reset'.

- Go to Network-> LAN-> Physical Settings and bridge “Wired-LAN” interface with “Mobile-eth” interface.
- Disable DHCP server by clicking on “Ignore interface”. See Screenshot below:

Interfaces - LAN

On this page you can configure the network interfaces. You can bridge several interfaces by ticking the box for notation `INTERFACE.VLANNR` (e.g.: `eth0.1`).

Common Configuration

General Setup Advanced Settings **Physical Settings** Firewall Settings

Bridge interfaces

Enable STP

Interface eth0

Wired-LAN (lan)

Wired-WAN (wan, wan6)

gretap0

Mobile-eth (ifmobile, lan)

WiFi (lan)

Check Wired-Lan and Mobile-eth to Bridge Cellular interface and LAN interface

DHCP Server

General Setup IPv6 Settings

Ignore interface Check box to Disable DHCP server

- On your desktop command line, enter the following commands:

C:\ipconfig /release

C:\ipconfig /renew

```

IPv4 Address. . . . . : 100.102.149.6(Preferred)
Subnet Mask . . . . . : 255.255.255.252
Lease Obtained. . . . . : Monday, June 5, 2017 7:23:11 PM
Lease Expires . . . . . : Sunday, June 11, 2017 7:23:10 PM
Default Gateway . . . . . : 100.102.149.5
DHCP Server . . . . . : 100.102.149.5
DHCPv6 IAID . . . . . : 208938986
DHCPv6 Client DUID. . . . . : 00-01-00-01-20-48-16-DE-74-27-EA-D1-2C-85
DNS Servers . . . . . : fe80::9222:6ff:fe80:24c3%17
                       112.198.111.84
                       112.198.111.92

NetBIOS over Tcpi. . . . . : Enabled
Connection-specific DNS Suffix Search List :
                                           lan
  
```

5. Test your internet connection via ping command. See screenshot below:

```
C:\Users\Ben>ping google.com -t

Pinging google.com [172.217.24.206] with 32 bytes of data:
Reply from 172.217.24.206: bytes=32 time=106ms TTL=44
Reply from 172.217.24.206: bytes=32 time=107ms TTL=44
Reply from 172.217.24.206: bytes=32 time=134ms TTL=44
Reply from 172.217.24.206: bytes=32 time=135ms TTL=44
Reply from 172.217.24.206: bytes=32 time=124ms TTL=44
Reply from 172.217.24.206: bytes=32 time=125ms TTL=44
Reply from 172.217.24.206: bytes=32 time=122ms TTL=44
Reply from 172.217.24.206: bytes=32 time=118ms TTL=44
Reply from 172.217.24.206: bytes=32 time=140ms TTL=44
Reply from 172.217.24.206: bytes=32 time=135ms TTL=44
Reply from 172.217.24.206: bytes=32 time=138ms TTL=44
Reply from 172.217.24.206: bytes=32 time=125ms TTL=44
Reply from 172.217.24.206: bytes=32 time=120ms TTL=44
```