

Sysinfo

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Cellular Router 📶 (RSSI: -81 dBm) Chungghwa Telecom ⌚ Uptime: 28:20 📶 WAN Priority: ETH First 📡 SIM Slot: 1 📍 Location: (0.00, 0.00) 🗺️ Google Maps 🌐 Language English 🚪 Logout

Hi, root

Status

System 👤

WAN 📶

LTE 📶

LAN 📶

IP Routing 🔄

VPN 🛡️

Firewall 🛡️

Service ⚙️

Management ⚙️

Identification

Administration

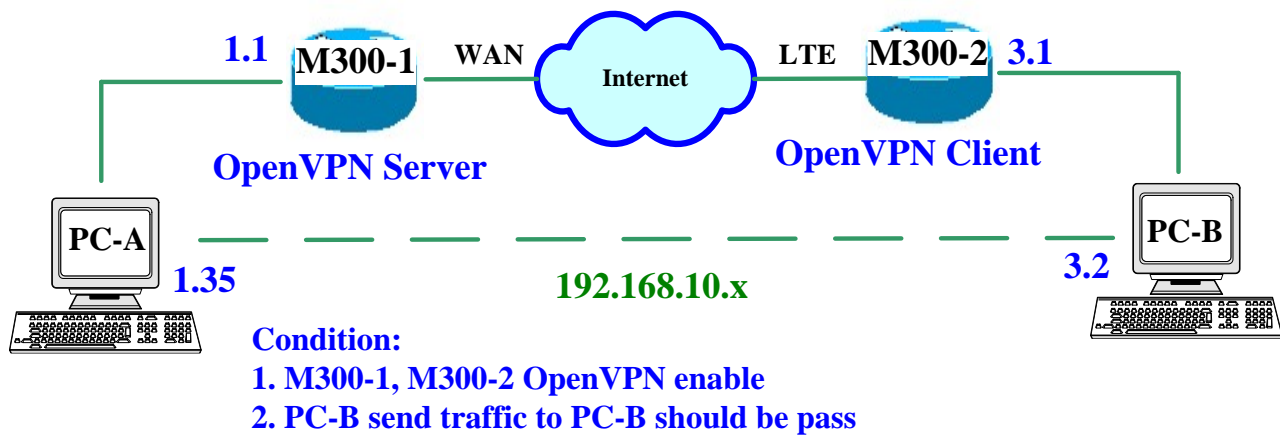
SSH

Identification

Attr.	Value
Model Name	SF-301-G
LAN Ethernet MAC Address	0e:2e:43:0d:47:43
WAN Ethernet MAC Address	0e:2e:43:0d:47:44
Software Version	V1.72
Serial Number	BL9TW3Q60002
Software MCSV	013600001722C2A9
Hardware MCSV	013700001722C2A9
Modem Firmware Version	EC25EFAR06A02M4G
IMEI	866758040444024
Uptime	28:23

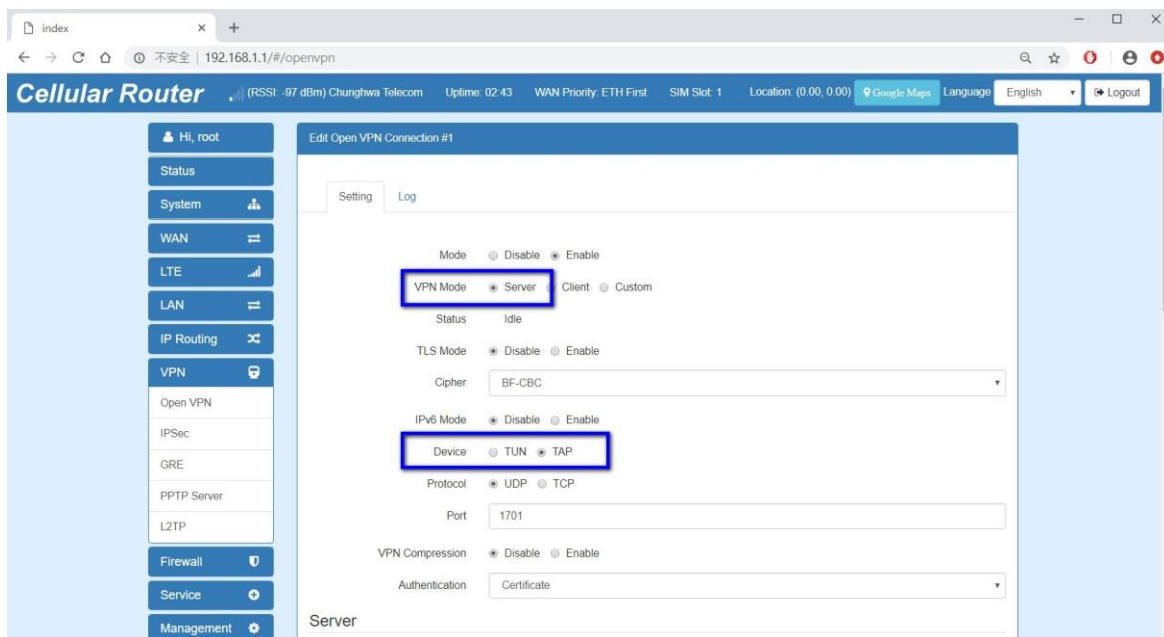
Test OpenVPN

Topology



OpenVPN Server setting:

TAP mode



VPN Network fill in 192.168.10.0, Route Client Networks enable and fill in #1

Cellular Router (RSSI: -97 dBm) Chunghua Telecom Uptime: 05:43 WAN Priority: ETH First SIM Slot: 1 Location: (0.00, 0.00) Google Maps Language: English Logout

Management Diagnosis

Server

Client Mode ☒ Roadwarrior

VPN Network: 192.168.10.0

VPN Netmask: 255.255.255.0

Roadwarrior

Route Client Networks ☒ Off ☒ On

Connections - Net / Mask

#1	192.168.3.0	255.255.255.0
#2	0.0.0.0	0.0.0.0
#3	0.0.0.0	0.0.0.0
#4	0.0.0.0	0.0.0.0
#5	0.0.0.0	0.0.0.0
#6	0.0.0.0	0.0.0.0
#7	0.0.0.0	0.0.0.0

Create Root CA, Cert Key and User1 (fill in password), and download

Cellular Router (RSSI: -97 dBm) Chunghua Telecom Uptime: 10:13 WAN Priority: ETH First SIM Slot: 1 Location: (0.00, 0.00) Google Maps Language: English Logout

NAT

1:1 NAT ☒ Off ☒ On

Server - Server Security

Root CA Create i Cert i Key

Cert_Key Create i Cert i Key

Server - User Security

User 1	<input checked="" type="checkbox"/> Valid	Create	*****	i Cert	i Key	i P12
User 2	<input type="checkbox"/> Valid	Create	password for create			
User 3	<input type="checkbox"/> Valid	Create	password for create			
User 4	<input type="checkbox"/> Valid	Create	password for create			

ETH WAN type based on your network (I use PPPoE)

Cellular Router (RSSI: -83 dBm) Uptime: 6:18:26 WAN Priority: ETH First SIM Slot: 1 Location: (0.00, 0.00) Google Maps Language: English Logout

Hi, root Status System WAN WAN Ethernet IPV6 DNS LTE LAN IP Routing

WAN Ethernet

Work As ☐ DHCP Client ☒ PPPoE Client ☐ Static IPv4

Configuration Ethernet Ping Health

PPPoE Client Configuration

User Name: 75160094@hinet.net

Password: *****

Apply

OpenVPN Server, Using Eth WAN and ip is 36.226.190.103

The screenshot shows the Cellular Router web interface. The left sidebar contains navigation links: Hi, root, Status, System, WAN, LTE, LAN, IP Routing, VPN, Firewall, Service, Management, and Diagnosis. The main content area is divided into several sections:

- WAN LTE:** A table showing current and backup SIM information.

Attr.	Current SIM	Backup SIM
SIM Card	SIM1	SIM2
Modem Status	Ready	Not Inserted
Operator	Chunghwa Telecom	
Modem Access	WCDMA	
IMSI	466924102648010	
Phone Number		
Band	WCDMA 2100	
Frequency	10713	0
IPv4 Address		
IPv4 Mask		
Default Gateway		
IPv4 Conn Time	00:00	--
- GPS:** A table showing GPS coordinates.

Attr.	Value
Latitude	0
Longitude	0
Horizontal	0
Altitude	0
Date(UTC)	
Satellite	0
- WAN Ethernet:** A table showing WAN Ethernet settings, highlighted with a blue box.

Attr.	Value
IPv4 Address	36.226.190.103
IPv4 Mask	255.255.255.255
Default Gateway	36.226.190.103
IPv4 Conn Time	00:00
- WAN DNS:** A table showing WAN DNS settings.

Attr.	Value
IPv4 DNS Server #1	168.95.1.1
IPv4 DNS Server #2	168.95.192.1
IPv4 DNS Server #3	
IPv6 DNS Server #1	
IPv6 DNS Server #2	
IPv6 DNS Server #3	

OpenVPN Client setting:

Tap mode and server ip fill in 36.226.190.103

The screenshot shows the Cellular Router web interface with the OpenVPN Client settings page. The left sidebar is the same as the previous screenshot. The main content area is titled "Edit Open VPN Connection #1" and contains the following settings:

- Mode:** ☐ Disable ☒ Enable
- VPN Mode:** ☐ Server ☒ Client ☐ Custom
- Status:** WAIT
- TLS Mode:** ☒ Disable ☐ Enable
- Cipher:** BF-CBC
- IPv6 Mode:** ☒ Disable ☐ Enable
- Device:** ☐ TUN ☒ TAP
- Protocol:** ☒ UDP ☐ TCP
- Port:** 1701
- VPN Compression:** ☒ Disable ☐ Enable
- Authentication:** Certificate
- Client:**
 - Client Mode:** ☒ Roadwarrior
 - Server Address:** 36.226.190.103
 - Route Client Networks:** ☐ Off ☒ On
- NAT:**

Import Root CA and User1 Cert and key from OpenVPN Server

Cellular Router (RSSI: -81 dBm) ChungHwa Telecom Uptime: 27:30 WAN Priority: ETH First SIM Slot: 1 Location: (0.00, 0.00) Google Maps Language: English Logout

Device: ☒ TUN ☐ TAP

Protocol: ☒ UDP ☐ TCP

Port: 1701

VPN Compression: ☒ Disable ☐ Enable

Authentication: Certificate

Client

Client Mode: ☒ Roadwarrior

Server Address: 36.226.190.103

Route Client Networks: ☐ Off ☒ On

NAT

1:1 NAT: ☐ Off ☒ On

Client - Security

Root CA: Import

Cert: Import

Key: Import

P12: Import

Back Refresh Apply

Result:

OpenVPN connect success : pass

Cellular Router (RSSI: -81 dBm) ChungHwa Telecom Uptime: 27:20 WAN Priority: ETH First SIM Slot: 1 Location: (0.00, 0.00) Google Maps Language: English Logout

Hi, root

Status

System

WAN

LTE

LAN

IP Routing

VPN

Open VPN

IPSec

GRE

PPTP Server

L2TP

Firewall

Service

Management

Diagnosis

Edit OpenVPN Connection #1

Setting Log

Mode: ☐ Disable ☒ Enable

VPN Mode: ☐ Server ☒ Client ☐ Custom

Status: Connected

IP: 192.168.10.2

Connected since: 2018-09-26 11:31:58

TLS Mode: ☒ Disable ☐ Enable

Cipher: BF-CBC

IPv6 Mode: ☒ Disable ☐ Enable

Device: ☐ TUN ☒ TAP

Protocol: ☒ UDP ☐ TCP

Port: 1701

VPN Compression: ☒ Disable ☐ Enable

Authentication: Certificate

Client

Client Mode: ☒ Roadwarrior

Server Address: 36.226.190.103

```
C:\tools\IPerf-2.0.5>iperf -c 192.168.1.35 -w 400k -p 6000
-----
Client connecting to 192.168.1.35, TCP port 6000
TCP window size: 400 KByte
-----
[ 3] local 192.168.3.2 port 12456 connected with 192.168.1.35 port 6000
[ ID] Interval      Transfer    Bandwidth
[ 3] 0.0-11.4 sec  2.00 MBytes  1.48 Mbits/sec

C:\tools\IPerf-2.0.5>iperf -c 192.168.1.35 -b 5M -p 8000
WARNING: option -b implies udp testing
-----
Client connecting to 192.168.1.35, UDP port 8000
Sending 1470 byte datagrams
UDP buffer size: 64.0 KByte (default)
-----
[ 3] local 192.168.3.2 port 52837 connected with 192.168.1.35 port 8000
[ ID] Interval      Transfer    Bandwidth
[ 3] 0.0-10.0 sec  5.96 MBytes  5.00 Mbits/sec
[ 3] Sent 4253 datagrams
[ 3] Server Report:
[ 3] 0.0-11.9 sec  3.79 MBytes  2.67 Mbits/sec  9.321 ms 1549/ 4253 (36%)
[ 3] 0.0-11.9 sec  299 datagrams received out-of-order

C:\tools\IPerf-2.0.5>_
```