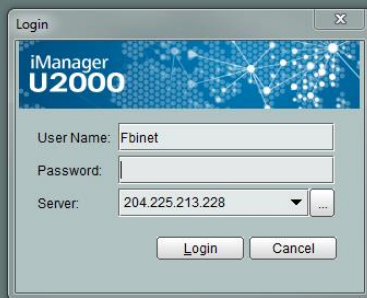


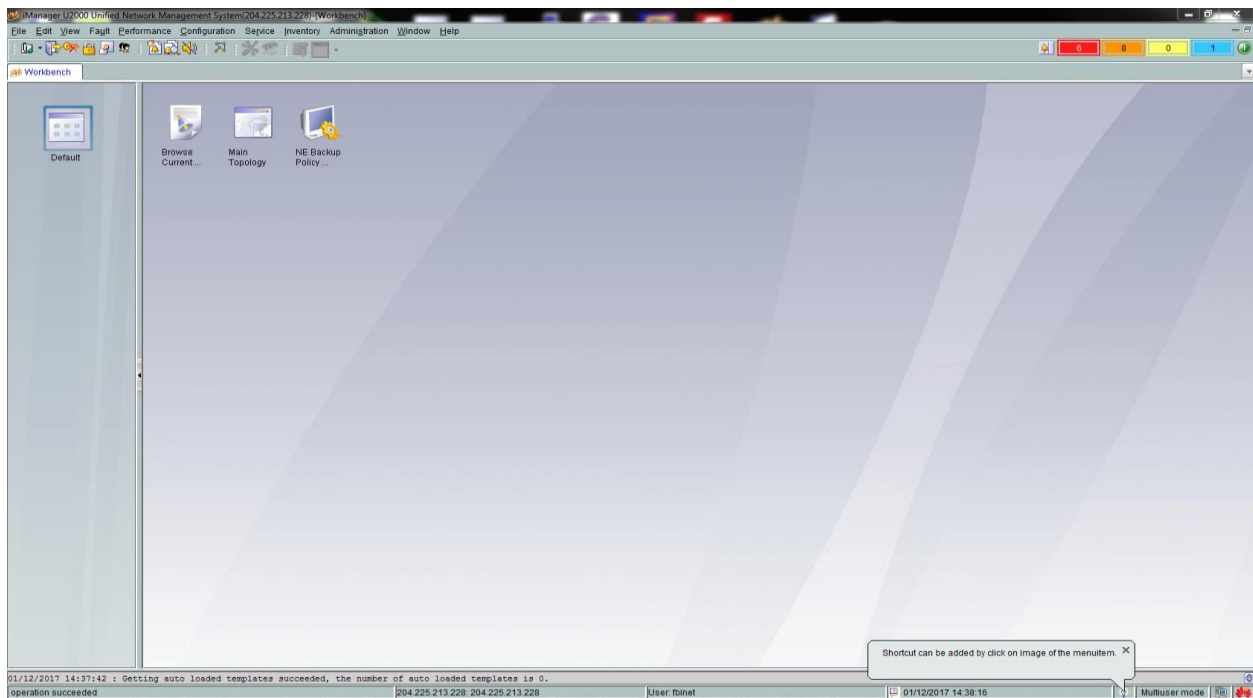
U2000 Training

Part-1

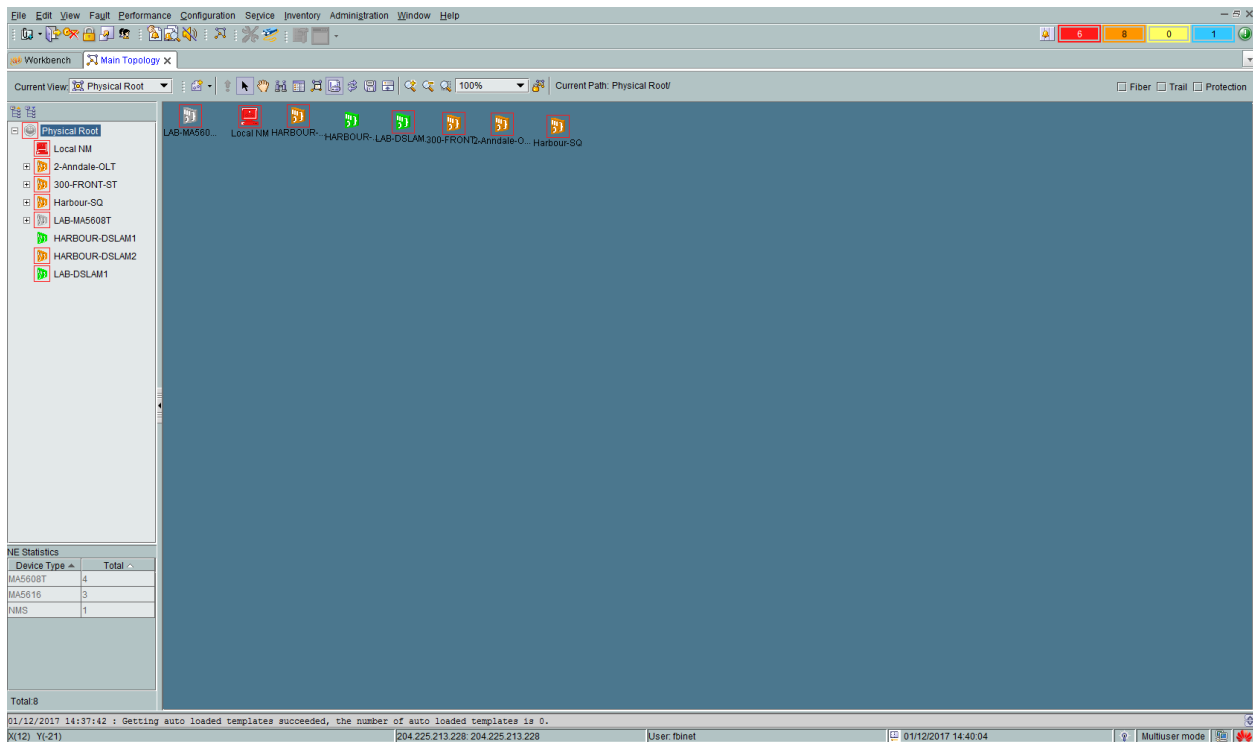
Created by Arsalan (2017-10-01)



Keep clicking on the **OK** tab until you see the following screen

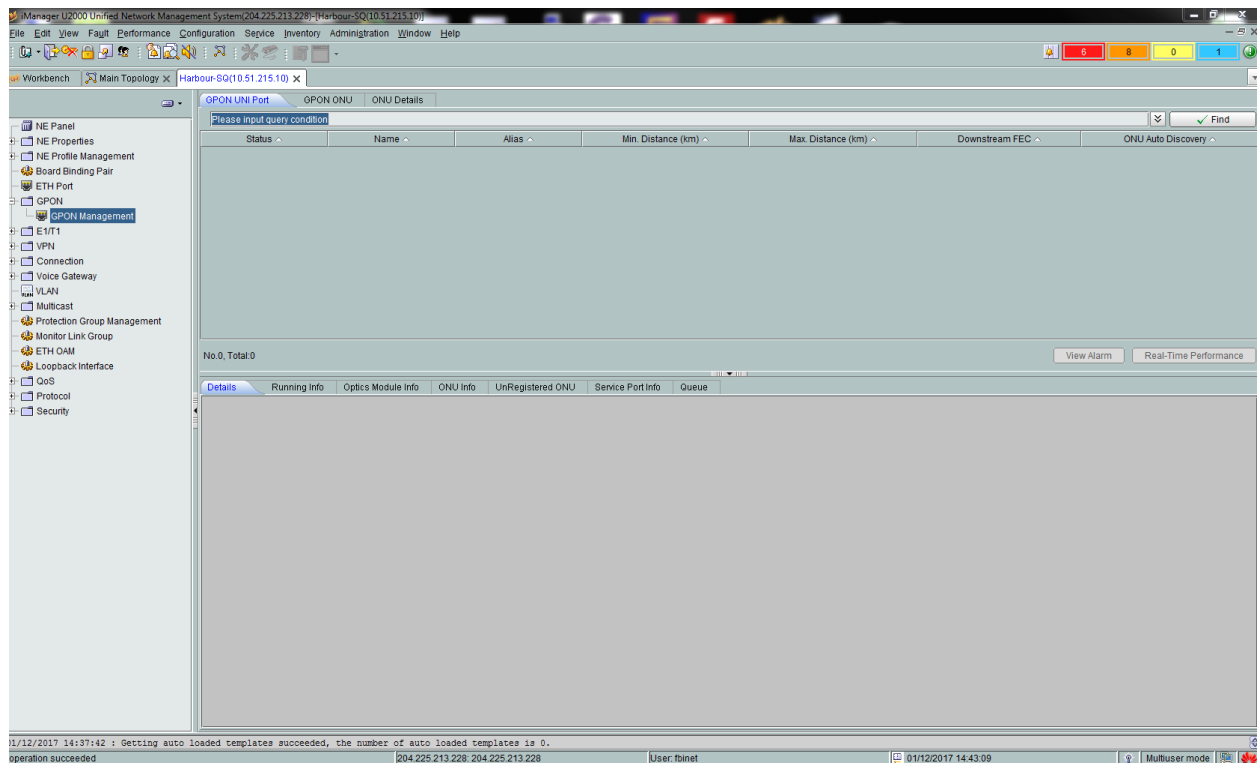


Double-click **Main Topology** Icon to proceed



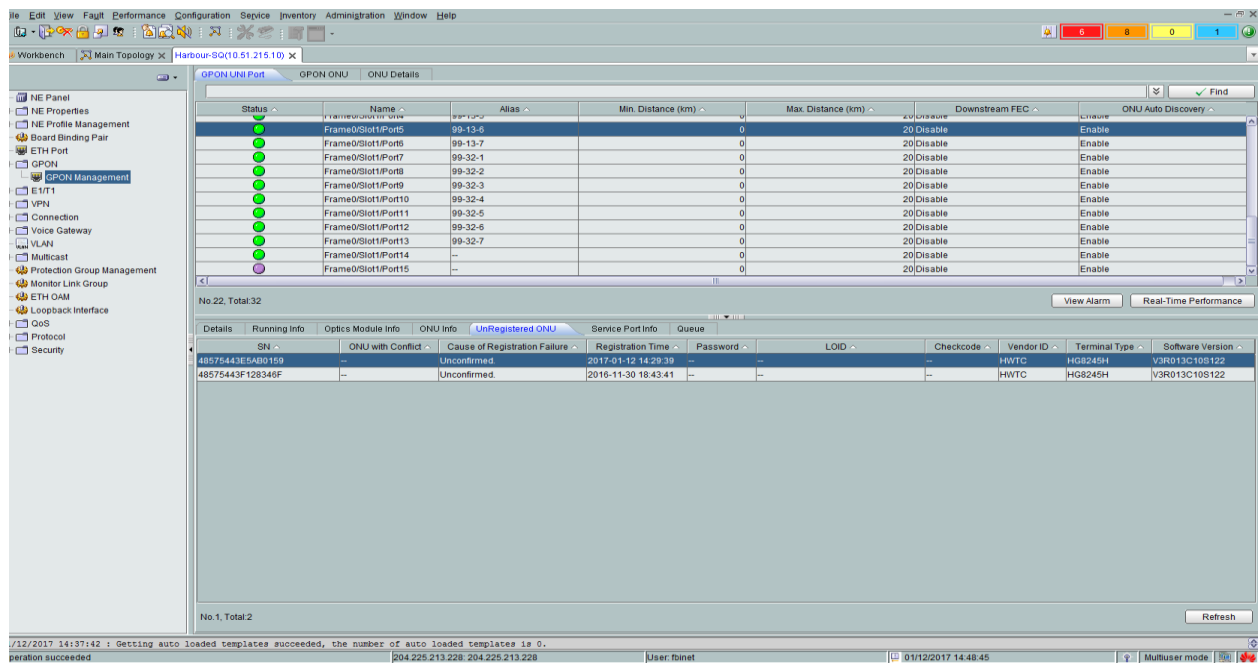
On the Left-side of the page, expand the relevant site and double-click the **Frame**.

Click the option **GPON** and double-click **GPON-Management** for provisioning of ONTs

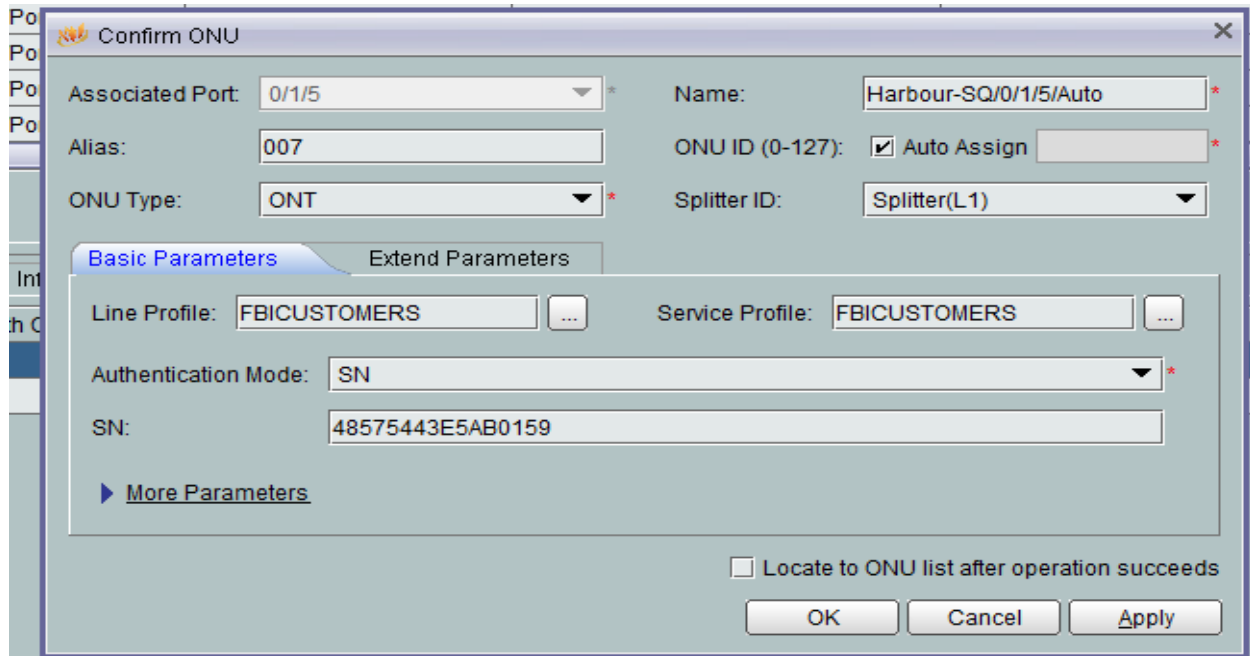


Part -2 Provisioning

To provision the modems/ONTs in U2000, select the correct Frame and slot number under **GPON UNI Port** and confirm the terminal under **Unregistered ONU**



Right-Click on the selected ONU to **confirm**. Add **Suite Number** as **Alias**, **Line Profile** and **Service Profile** and **apply**.



The 'Confirm ONU' dialog box is shown with the following fields:

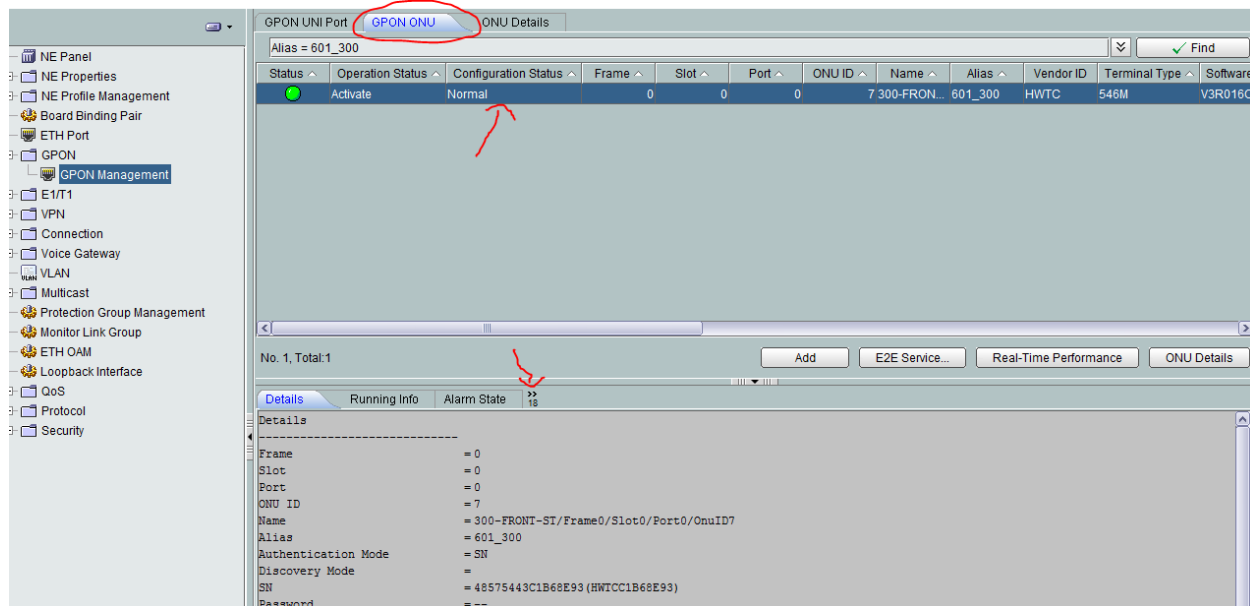
- Associated Port: 0/1/5
- Name: Harbour-SQ/0/1/5/Auto
- Alias: 007
- ONU ID (0-127): ☒ Auto Assign
- ONU Type: ONT
- Splitter ID: Splitter(L1)

The 'Basic Parameters' tab is active, showing:

- Line Profile: FBICUSTOMERS
- Service Profile: FBICUSTOMERS
- Authentication Mode: SN
- SN: 48575443E5AB0159

There is a checkbox 'Locate to ONU list after operation succeeds' which is unchecked. At the bottom are 'OK', 'Cancel', and 'Apply' buttons.

Next step is to add services. Click on the **Service Port Info** to create services.



The 'GPON Management' interface is shown. The 'GPON ONU' tab is selected, displaying a table of GPON ONUs. A red arrow points to the 'GPON ONU' tab, and another red arrow points to the 'Details' button at the bottom.

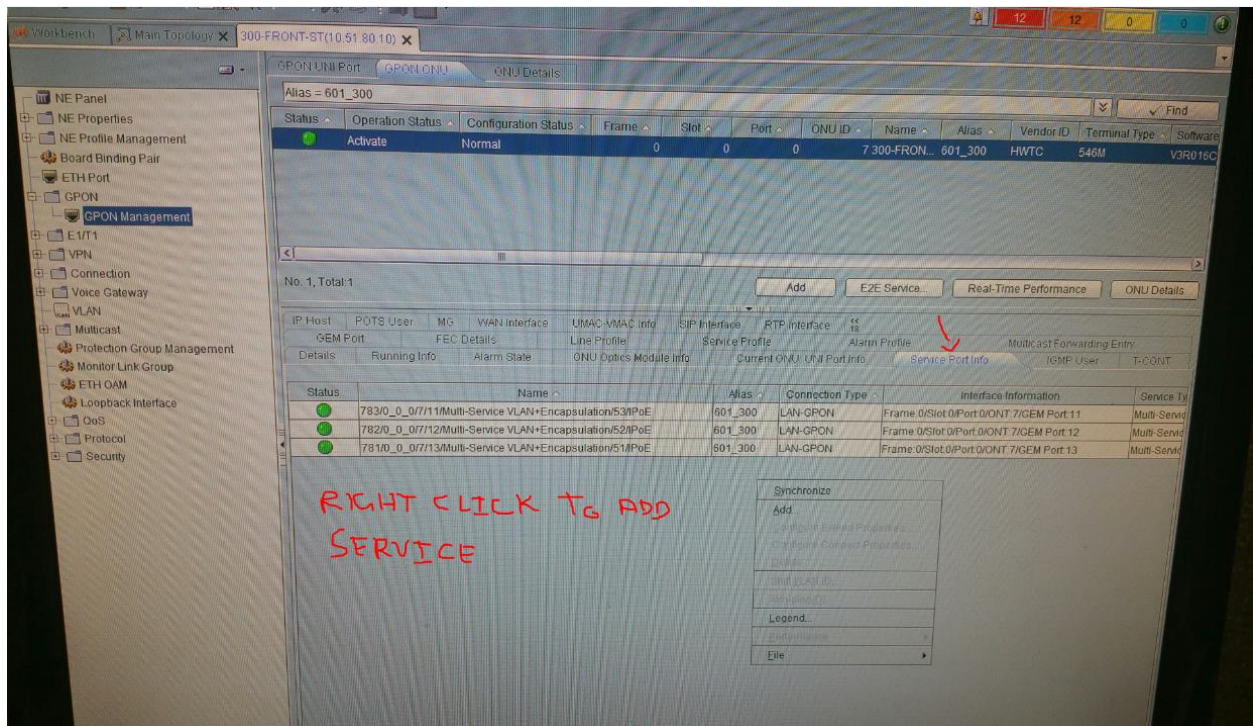
Status	Operation Status	Configuration Status	Frame	Slot	Port	ONU ID	Name	Alias	Vendor ID	Terminal Type	Software
●	Activate	Normal	0	0	0	7 300-FRON...	601_300	HWTC	546M	V3R016C	

Below the table, it says 'No. 1, Total:1'. There are buttons for 'Add', 'E2E Service...', 'Real-Time Performance', and 'ONU Details'.

The 'Details' tab is selected, showing the following information:

```

Frame = 0
Slot = 0
Port = 0
ONU ID = 7
Name = 300-FRONT-SI/Frame0/Slot0/Port0/OnuID7
Alias = 601_300
Authentication Mode = SN
Discovery Mode =
SN = 48575443C1B68E93 (HWTC1B68E93)
Password = --
  
```



1. Internet Services

Add Service Port

Basic Info

Name: Service VLAN+Encapsulation/51/IPoE * Alias: 007

Service Description: HSI Connection Type: LAN-GPON *

Network Side

☐ Bundle ID (1-2048): ...

VLAN Choice: Smart VLAN *

Tag-Transform: Translate *

VLAN ID (1-4095): 913 *

CoS Value (0-7): *

User Side

Interface Selection: 0/1/5/27/11 *

Service Type: Multi-Service VLAN+En... *

User VLAN (1-4095): XS3 *

User-Side Encapsulation: IPoE *

Traffic Profile Info

☐ Apply the same profile for upstream and downstream traffic

Upstream Traffic Profile: 20MBPS ... Downstream Traffic Profile: 100MBPS ...

OK Cancel Apply

2. VoIP(Voice Over IP) Services

Add Service Port

Basic Info

Name: Service VLAN+Encapsulation/52/IPoE * Alias: 007

Service Description: HSI Connection Type: LAN-GPON *

Network Side

☐ Bundle ID (1-2048): ...

VLAN Choice: Smart VLAN *

Tag-Transform: Translate *

VLAN ID (1-4095): 912 *

CoS Value (0-7): *

User Side

Interface Selection: 0/1/5/27/11_2 *

Service Type: Multi-Service VLAN+En... *

User VLAN (1-4095): 52 *

User-Side Encapsulation: IPoE *

Traffic Profile Info

☐ Apply the same profile for upstream and downstream traffic

Upstream Traffic Profile: ip-traffic-table_4 ... Downstream Traffic Profile: ip-traffic-table_4 ...

OK Cancel Apply

3. Voice Services

Add Service Port

Basic Info

Name: Service VLAN+Encapsulation/52/IPoE * Alias: 007

Service Description: HSI * Connection Type: LAN-GPON *

Network Side

☐ Bundle ID (1-2048): ...

VLAN Choice: Smart VLAN *

Tag-Transform: Translate *

VLAN ID (1-4095): 911 *

CoS Value (0-7): *

User Side

Interface Selection: 0/1/5/27/11 *

Service Type: Multi-Service VLAN+En... *

User VLAN (1-4095): 51 *

User-Side Encapsulation: IPoE *

Traffic Profile Info

☐ Apply the same profile for upstream and downstream traffic

Upstream Traffic Profile: ip-traffic-table_4 ... Downstream Traffic Profile: ip-traffic-table_4 ...

OK Cancel Apply

Click **OK**.

Click **WAN Interface** to see the details of IP addresses.

No.29, Total:41

Add

E2E Service...

Real-Time Performance

ONU Details

Line Profile

Service Profile

Alarm Profile

Multicast Forwarding Entry

IP Host

POTS User

MG

WAN Interface

UMAC-VMAC Info

SIP Interface

RTP Interface

1113

Details

Running Info

Alarm State

ONU Optics Module Info

Current ONU: UNI Port Info

Service Port Info

IGMP User

T-CONT

GEM Port

FEC Details

Name ^	Service Type ^	Connection Type ^	Status ^	Ip Mode ^	IP Address ^	Sub Mask ^	Default Gateway ^	VLAN ^	Priority ^	Option60 ^
--	Internet	IP Route	Connected	DHCP	38.64.243.16	255.255.255.224	38.64.243.1	53	0	Without
--	Other	IP Bridge	Connected	--	--	--	--	52	5	Without
--	VOIP	IP Route	Connected	DHCP	10.51.76.141	255.255.255.0	10.51.76.1	51	5	Without