ONU GP1704-4GV

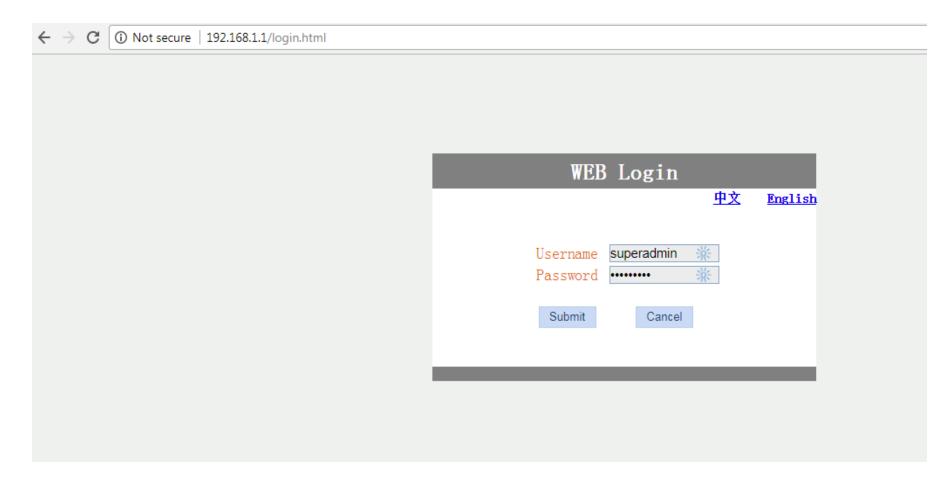
Mertel System (Thailand) Ltd

Agenda

- Web Login
- Default Username and Password
- PPPoE
- DHCP option 82
- Wireless
- VolP

Web Login

http://192.168.1.1

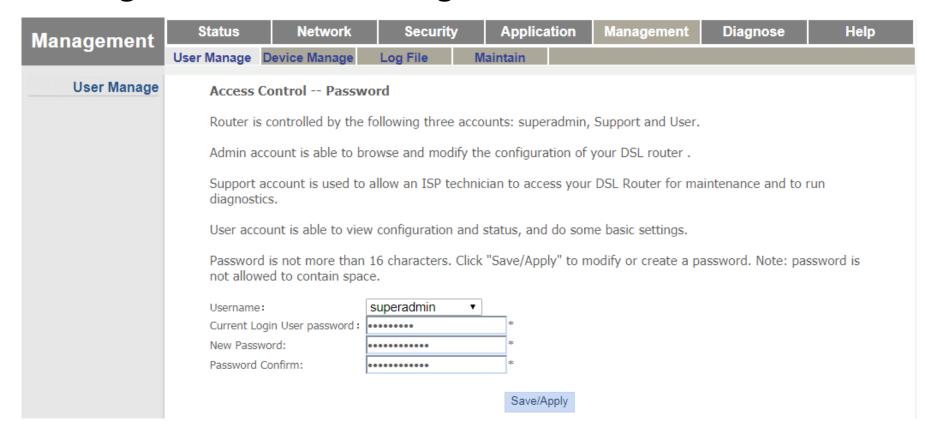


Default Username and Password

- user/user จะเป็นข้อมูลอยู่ใน user guide เพื่อให้ลูกค้าสามารถ login เข้ามาดู status ของ ONU และตั้งค่าพื้นฐาน ได้เท่านั้น
- superadmin/BDCMsuper เป็น user สำหรับ กสท ใช้ในการ บริหารจัดการตัวอุปกรณ์ได้ทั้งหมด โดยจะต้องไม่เปิดเผยให้แก่ลูกค้า
- (แนะนำให้ทาง กสท ทำการเปลี่ยน Password จาก BDCMsuper เป็นอย่างอื่นทันทีหลังจากที่ได้ติดตั้ง อุปกรณ์ให้แก่ลูกค้าแล้ว)

การเปลี่ยน Password

Management > User Manage

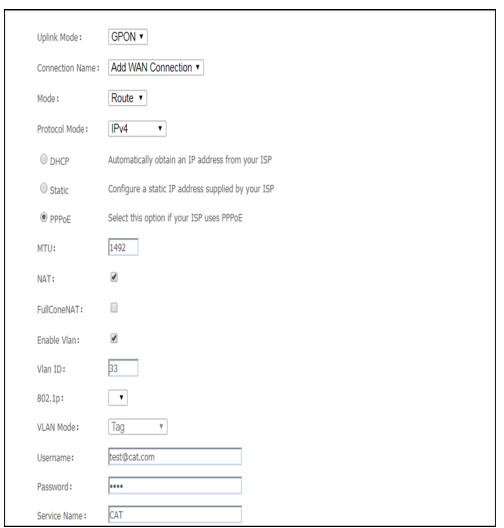


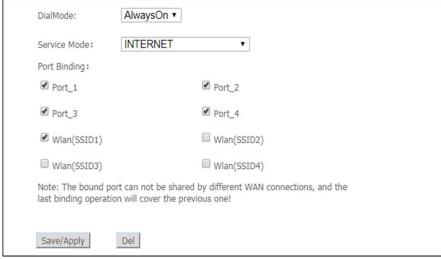
OLT Profile for PPPoE

```
gpon profile onu-vlan vlan33
gpon-profile vlan mode tag
gpon-profile vlan pvid 33
intergace GPON 0/1
gpon bind-onu sn 4244434DF79DF3E9 1
switchport mode trunk
interface GPON0/1:1
description Link to GP1704-4GV
gpon onu equipment-id 1102
gpon onu tcont-virtual-port-bind-profile tvbind-default
gpon onu flow-mapping-profile hgu
gpon onu virtual-port 1 gem-port 257
gpon onu uni 1 vlan-profile vlan33
```

GP1704-4GV PPPoE

Network > Internet > Wan Settings > Add WAN Connections





Click Save/Apply

WAN PPPoE Status

Status > Network Info

WAN Info

Interface	Description	Туре	VlanMuxId	Vlan8021p	IGMP	NAT	IPv6	MLD	Status	IPv4 Address	IPv6 Address
veip0.2	40_VOIP_R_VID_729	Router	729	Disable	Enable	Disable	Disable	Disable	Connected	172.27.1.254	
veip0.1	1_Other_B_VID_	Bridge	NaN	Disable	Disable	Disable	Disable	Disable	Connected		

Network Info

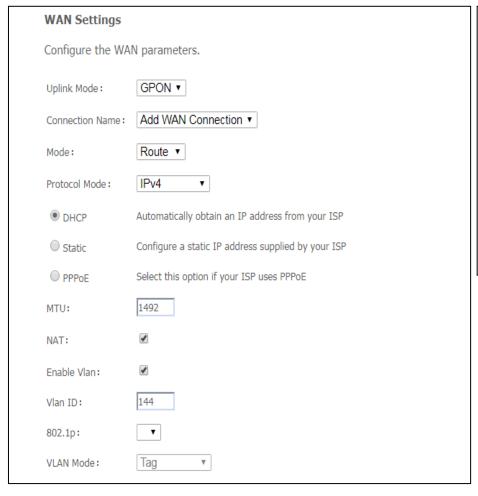
Interface	Default Gateway	Subnet Mask	DNS Server	IPv6 Default GW	IPv6 DNS Server
veip0.2	172.27.1.1	255.255.255.0	61.19.245.245,8.8.8.8		
veip0.1	0.0.0.0	255.255.255.255	193.231.238.2		

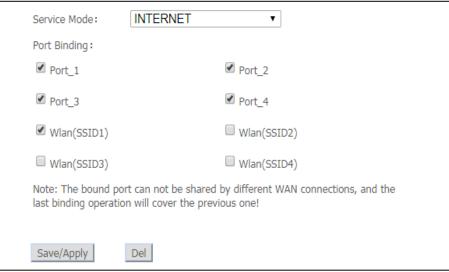
OLT Profile for DHCP Option82

```
gpon profile onu-vlan vlan144
gpon-profile vlan mode tag
gpon-profile vlan pvid 144
intergace GPON 0/1
gpon bind-onu sn 4244434DF79DF3E9 1
switchport mode trunk
 dhcp snooping information circuit-id string bd@cm-npro-xx:xx
interface GPON0/1:1
description Link to GP1704-4GV
gpon onu equipment-id 1102
gpon onu tcont-virtual-port-bind-profile tvbind-default
gpon onu flow-mapping-profile hgu
gpon onu virtual-port 1 gem-port 257
gpon onu uni 1 vlan-profile vlan144
ip dhcp-relay snooping
ip dhcp-relay snooping vlan 144
ip dhcp-relay snooping information option format manual
vlan 1,144
```

GP1704-4GV DHCP

Network > Internet > Wan Settings > Add WAN Connections





Click Save/Apply

WAN DHCP Status

Status > Network Info

WAN Info

Interface	Description	Туре	VlanMuxId	Vlan8021p	IGMP	NAT	IPv6	MLD	Status	IPv4 Address	IPv6 Address
veip0.2	40_VOIP_R_VID_729	Router	729	Disable	Enable	Disable	Disable	Disable	Connected	172.27.1.254	
veip0.1	1_Other_B_VID_	Bridge	NaN	Disable	Disable	Disable	Disable	Disable	Connected		

Network Info

Interface	Default Gateway	Subnet Mask	DNS Server	IPv6 Default GW	IPv6 DNS Server
veip0.2	172.27.1.1	255.255.255.0	61.19.245.245,8.8.8.8		
veip0.1	0.0.0.0	255.255.255.255	193.231.238.2		

GP1704-4GV Wireless

Network > WLAN > WLAN Basic

กำหนด SSID ให้แก่ลูกค้า

nide SSI different	e is used to configure basic features D from being scaned by AP, set wirel country standards and so on. "Save/Apply" to take effect the basic	ess net	work na	ame (SSI	D), set			
✓ En	nable Wireless							
☐ Hi	☐ Hide Access Point							
Cli	ients Isolation							
☐ Di:	sable WMM Advertise							
□ En	nable Wireless Multicast Forwarding (WMF)							
SSID:	CAT-WiFi							
BSSID:	80:14:A8:51:89:D1							
Country:	UNITED STATES				•			
Max Clien	its: 16							
Wireles	s - Virtual Interface:							
Wireles	SSID	Hidden	Isolate Clients	Disable WMM Advertise	Enable WMF	Max Clients	BSSID	
Enabled		1 -				16	N/A	
Enabled	WiFi2		_	1				
	WiFi2 WiFi3					16	N/A	

GP1704-4GV Wireless

Network > WLAN > Security กำหนด Authentication สำหรับ SSID

WLAN Config Security					
This page is used to configuration, data encryption, Wi-Fi authentication key, key	re the security of wireless LAN interface. Including WPS on/off, authentication / length and so on.				
WPS Setup					
Enable WPS	Disabled ▼				
Manual Setup AP					
You can set the network authentication method, selecting data encryption, specify whether a network key is required to authenticate to this wireless network and specify the encryption strength. Click "Apply/Save" when done.					
Select SSID:	CAT-WiFi ▼				
Network Authentication:	Open ▼				
WEP Encryption:	Disabled ▼				
	Save/Apply				

OLT Profile for VolP

```
gpon profile onu-vlan multi33
gpon-profile vlan mode trunk
gpon-profile vlan trunk vlan-allowed 33,729
intergace GPON 0/1
gpon bind-onu sn 4244434DF79DF3E9 1
switchport mode trunk
interface GPON0/1:1
description Link to GP1704-4GV
gpon onu equipment-id 1102
gpon onu tcont-virtual-port-bind-profile tvbind-default
gpon onu flow-mapping-profile hgu
gpon onu virtual-port 1 gem-port 257
gpon onu uni 1 vlan-profile multi33
vlan 1,33,729
```

GP1704-4GV VoIP

Network > Internet > WAN Settings > Add WAN Connection

Connection Name:	Add WAN Connection ▼
Mode:	Route •
Protocol Mode:	IPv4 ▼
ODHCP	Automatically obtain an IP address from your ISP
Static	Configure a static IP address supplied by your ISP
O PPPoE	Select this option if your ISP uses PPPoE
MTU:	1492
Enable Vlan:	
Vlan ID:	729
802.1p:	▼
VLAN Mode:	Tag ▼
IP Address:	172.27.1.254
Subnet Mask:	255.255.255.0
Default gateway:	172.27.1.1
Primary DNS:	61.19.245.245
Secondary DNS:	8.8.8.8
Service Mode:	VOIP •

สร้าง WAN สำหรับ VLAN 729 กำหนด IP ให้แก่ VLAN 729

Click Save/Apply

GP1704-4GV VoIP

Applications > VoIP > General Settings

ne: : y Server: erver:	veip0.2 • (Note: You USA - NORTHAMERICA 172.27.99.99	Port: 5060
y Server:		Port: 5060
y Server:	172.27.99.99	
,		Posts FOGO
erver:		Port: 5060
	catnextgen.com	Port: 5060
ID maybe pl		me of SIP server, ask it from your ISP, please.
		Frioriez
er ID	+6621079698	
splay name	021079698	
th Username	6621079698@catnextgen.cd	a l
th Password	•••••	
me Settings	20 ▼	20 🔻
	er ID splay name th Username	ID maybe phone number or usernative Phone1 er ID +6621079698 splay name 021079698 th Username 6621079698@catnextgen. th Password •••••••••••

WAN PPPoE Status

Status > VoIP Info

VoIP Info

Name	Line1	Line2	
Registering status	Register failed	Register failed	
User status	Idle	Idle	
Phone No.			