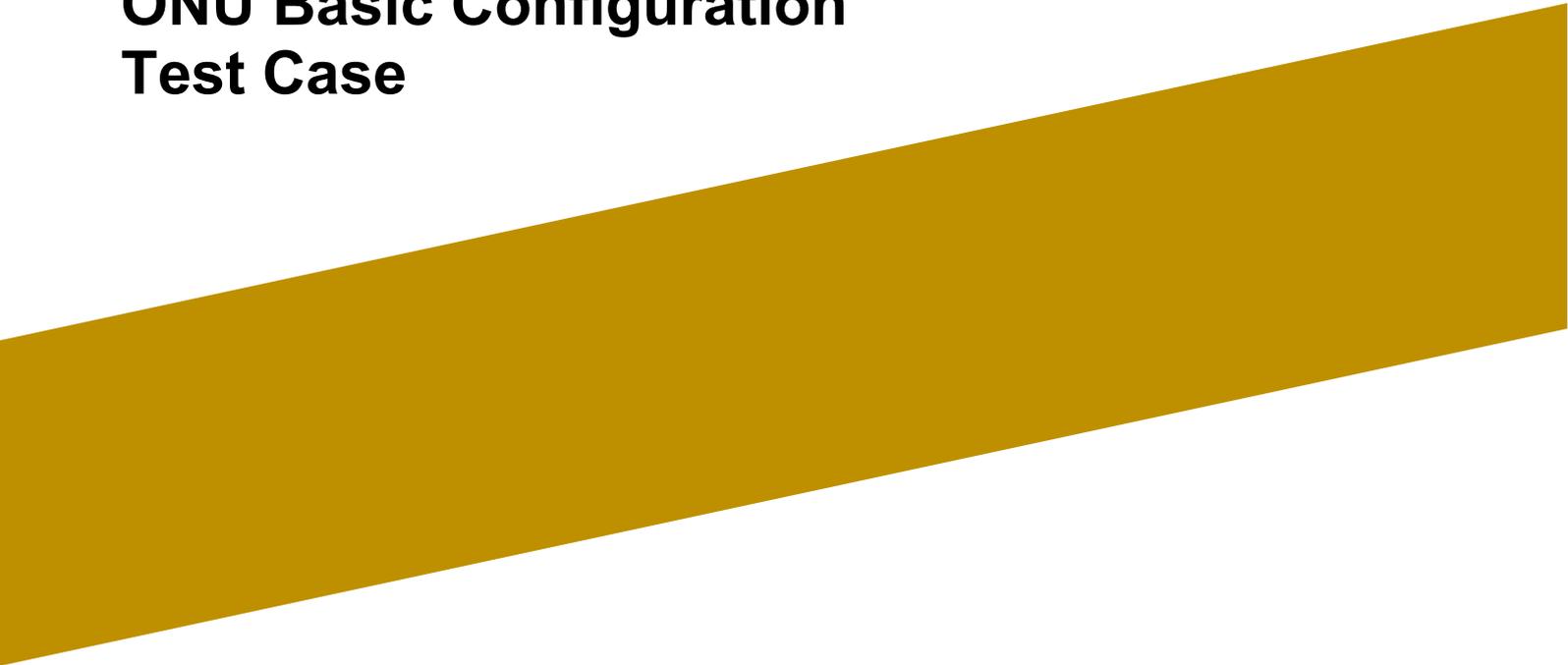
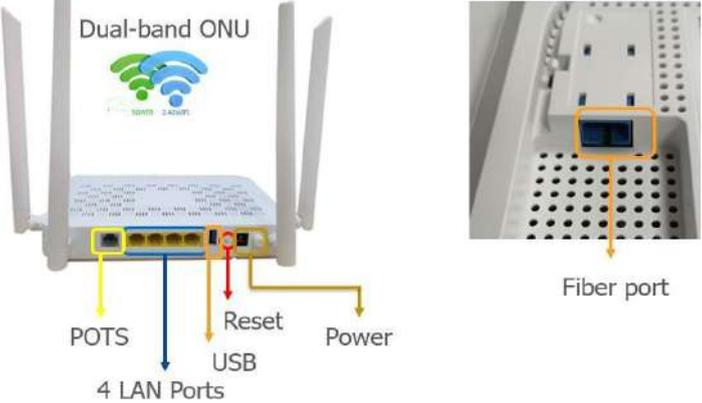
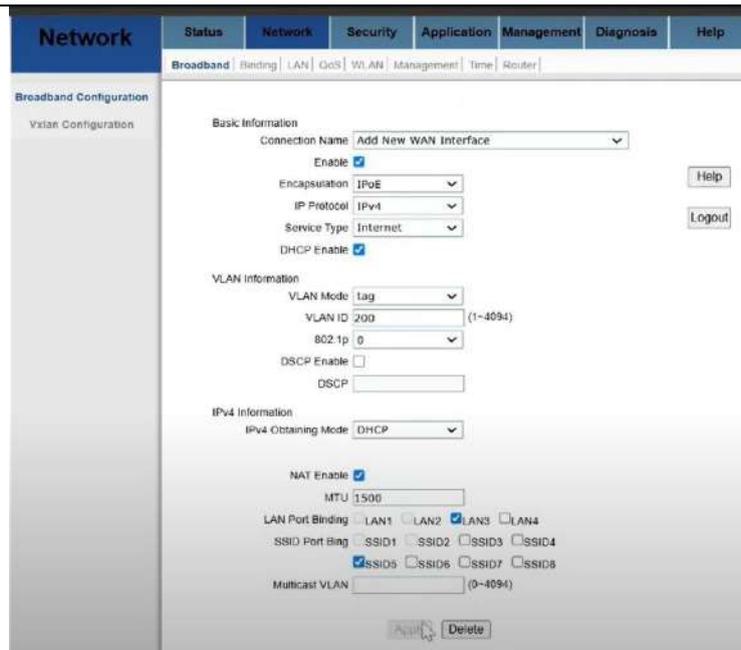


# **Alpha Bridge ONU Basic Configuration Test Case**

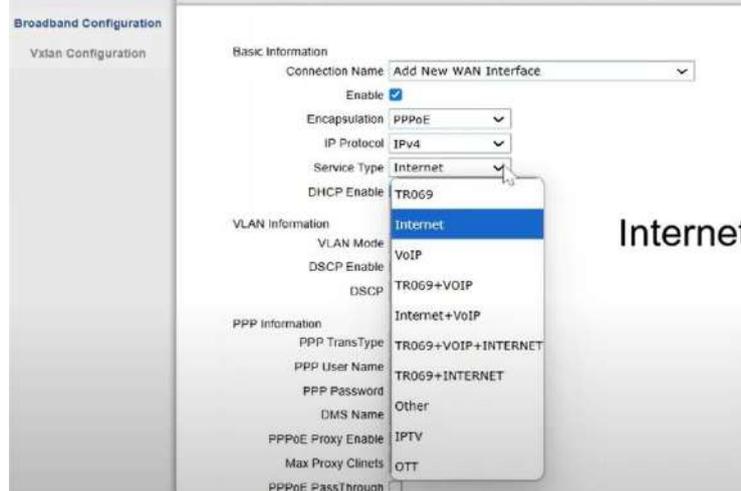


# 1. ONU Basic Introduction & Configuration

Test Case	ONU Basic Introduction & Configuration
Test Procedure	<ul style="list-style-type: none"> <li>• Make the setup as shown in the figure</li> <li>• Default ONU IP Address: 192.168.1.1</li> <li>• Default Username &amp; Password: admin &amp; admin</li> <li>• Assign IP address in Control panel in the IP series of default ONU IP Address.</li> </ul> <div style="text-align: center;"> <p>IP Address of ONU 192.168.1.1/24</p>  <p>Ethernet cable</p> <p>IP Address of PC 192.168.1.11/24</p>  <p>Dual-band ONU</p> <p>POTS</p> <p>4 LAN Ports</p> <p>Reset</p> <p>USB</p> <p>Power</p> <p>Fiber port</p> </div> <p>The specific meaning:</p> <ol style="list-style-type: none"> <li>1. POTS Interface: 1 × RJ11 port for telephone (voice) connection.</li> <li>2. LAN Ports: 4 × GE (Gigabit Ethernet) RJ45 ports for wired network connections.</li> <li>3. USB Port: 1 × USB port for external devices (e.g., file sharing).</li> <li>4. Reset Button: Used to reset the ONU to factory settings.</li> <li>5. Power Button: Push-button type to turn the device ON/OFF.</li> <li>6. Dual-Band Wi-Fi: Supports both 2.4GHz and 5GHz wireless bands.</li> <li>7. Fiber Port: 1 × SC/UPC connector for PON (Passive Optical Network) fiber input.</li> </ol>
Configuration	<p><b>Configuration:</b></p> <ul style="list-style-type: none"> <li>• Setup IPoE Mode</li> </ul>



Different types of Services



- Setup PPPoE Mode



PPP Information

PPP TransType

PPP User Name

PPP Password

DMS Name

PPPoE Proxy Enable

Max Proxy Clients

PPPoE PassThrough

Authentication Type

PPP Trigger Type

NAT Enable

MTU

LAN Port Binding  LAN1  LAN2  LAN3  LAN4

SSID Port Binding  SSID1  SSID2  SSID3  SSID4

SSID5  SSID6  SSID7  SSID8

Multicast VLAN  (0~4094)

- Setup Bridge Mode

**Network** | Settings | Network | Security | Application | Management | Diagnosis | Help

Broadband | Binding | LAN | QoS | WLAN | Management | Time | Router

Broadband Configuration

Vxlan Configuration

Basic Information

Connection Name

Enable

Encapsulation

IP Protocol

Service Type

DHCP Enable

VLAN Information

VLAN Mode

DSCP Enable

DSCP

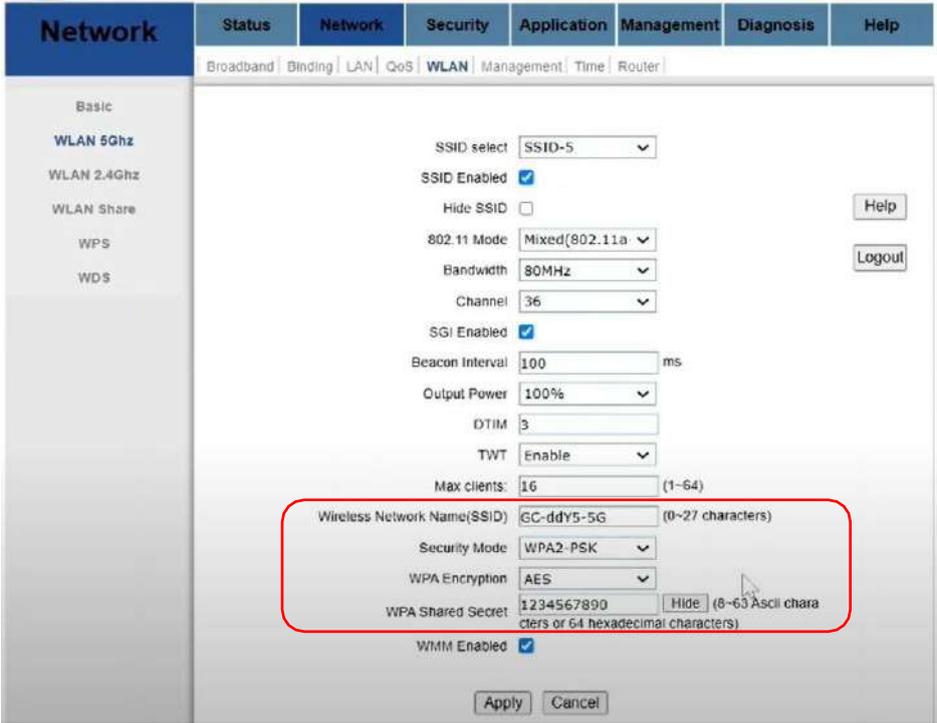
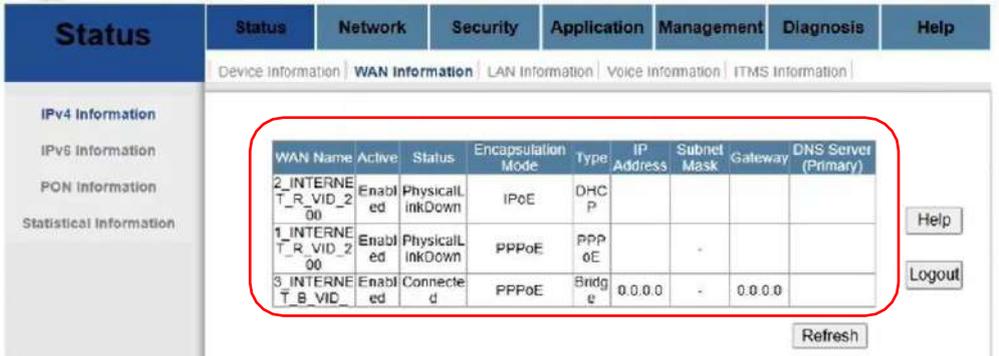
LAN Port Binding  LAN1  LAN2  LAN3  LAN4

SSID Port Binding  SSID1  SSID2  SSID3  SSID4

SSID5  SSID6  SSID7  SSID8

Multicast VLAN  (0~4094)

- Process of Changing WiFi SSID name and WiFi Password.

																																					
<p>Test Result</p>	<p>IPOE, PPPoE and Bridge Mode</p>  <table border="1" data-bbox="614 1205 1257 1377"> <thead> <tr> <th>WAN Name</th> <th>Active</th> <th>Status</th> <th>Encapsulation Mode</th> <th>Type</th> <th>IP Address</th> <th>Subnet Mask</th> <th>Gateway</th> <th>DNS Server (Primary)</th> </tr> </thead> <tbody> <tr> <td>2_INTERNET_R_VID_200</td> <td>Enabled</td> <td>Physical Link Down</td> <td>IPoE</td> <td>DHCP</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1_INTERNET_R_VID_200</td> <td>Enabled</td> <td>Physical Link Down</td> <td>PPPoE</td> <td>PPPoE</td> <td></td> <td>-</td> <td></td> <td></td> </tr> <tr> <td>3_INTERNET_B_VID_</td> <td>Enabled</td> <td>Connected</td> <td>PPPoE</td> <td>Bridge</td> <td>0.0.0.0</td> <td>-</td> <td>0.0.0.0</td> <td></td> </tr> </tbody> </table>	WAN Name	Active	Status	Encapsulation Mode	Type	IP Address	Subnet Mask	Gateway	DNS Server (Primary)	2_INTERNET_R_VID_200	Enabled	Physical Link Down	IPoE	DHCP					1_INTERNET_R_VID_200	Enabled	Physical Link Down	PPPoE	PPPoE		-			3_INTERNET_B_VID_	Enabled	Connected	PPPoE	Bridge	0.0.0.0	-	0.0.0.0	
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<p>Remarks</p>	<p>Working</p>																																				

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