

TEST REPORT



1. Basic Introduction & Configuration

Test Case	Basic Introduction & Configuration
Test Procedure	<ul style="list-style-type: none"> Make the setup as shown in the figure Baud Rate: 115200 <p>VLAN -1 IP Address of OLT - 192.168.168.1/24</p>  <p>IP Address of PC 192.168.168.11/24</p> <p>The diagram shows the physical connections of an OLT. It has a 'Console or Management' port connected to a laptop via a blue line. A yellow circle highlights the 'Console' port. A green box highlights the 'USB' port. Two yellow boxes highlight the '1G' and '1G/10G' uplink ports. Blue boxes highlight the 'PON Ports'. Labels below the OLT identify these components: 'Reset' (near the power button), 'Type C Console' (near the console port), 'USB' (near the USB port), 'Management' (near the management port), '1G' (near the 1G port), '1G/10G' (near the 1G/10G port), and 'Uplink ports' (near the uplink ports). Indicator lights on the OLT are labeled: PWR, SYS, USB, MGMT, ALARM, GE, 10GE, PON, PWR.</p> <p>The specific meaning of the indicator lights:</p> <ol style="list-style-type: none"> 1. PWR: This power indicator indicates the switch is powered on and the light is on. 2. SYS: This system indicator light is always on, the system is starting up; the indicator is blinking, the system works normally. 3. USB: The indicator indicates if any pen drive is plugged on OLT (used for file transfers). 4. MGMT: This indicator indicates that web interface of olt is being used. 5. ALARM: This Indicates if any alarm is produced in olt. 6. GE/10GE/PON: Indicates the Ports are up/not.
Configuration	<p>Configuration:</p> <pre>login:admin</pre>

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password:*****
GPON>
GPON>enable
<GPON>system-view //to configure
[GPON]
[GPON]ssh-server //Enabling SSH
[GPON]ssh-server key create dss
[GPON]ssh-server key create ecdsa
[GPON]ssh-server key create rsa
[GPON]telnet-server enable //Enabling telnet
[GPON]
[GPON]vlan 200,100
//creating vlan 200,100
[GPON-vlan-200,100] quit
[GPON]
[GPON]interface ethernet 0/0/1 //port interface
[GPON-ethernet-0/0/1] port mode access
[GPON-ethernet-0/0/1] port default vlan 200
//making vlan 200 as default port
[GPON-ethernet-0/0/1] quit
[GPON]
[GPON]interface ethernet 0/0/2
[GPON-ethernet-0/0/2] port mode trunk
[GPON-ethernet-0/0/2] port trunk allowed vlan 200,100
//Allowing only vlan 200,100 for this port
[GPON-ethernet-0/0/2] quit
[GPON]
[GPON]interface gpon 0/2/1
[GPON-gpon-0/2/1] port hybrid tagged vlan 200
//making tagged vlan 200
//by default, it is tagged to all vlans
[GPON-gpon-0/2/1] quit
[GPON]
[GPON]interface gpon 0/2/1
[GPON-gpon-0/2/1] port hybrid untagged vlan 200
//making untagged vlan 200
//by default, it is tagged to all vlans
[GPON-gpon-0/2/1] quit
[GPON]
[GPON]interface vlan-interface 200
[GPON-vlanInterface-200]ip address 192.168.200.243
255.255.255.0
//Assigning IP address to vlan interface 200
[GPON-vlanInterface-200]quit
[GPON]

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Test Result	<ul style="list-style-type: none"> • Command to verify running configuration is "display current-config"
Remarks	Working