

GPON OLT WEB USER MANUAL

Version: V1.1

Contents	
Chapter 1 Monitor.....	1
1.1 System Information	1
1.1.1 Login OLT	1
1.1.2 Device Information	1
1.2 Port Information	2
1.2.1 Basic Information	2
1.2.2 Basic Statistics	3
1.2.3 Detail Statistics	3
1.2.4 Optical Module	4
1.3 ONT Information	4
1.3.1 ONT Status	4
1.3.2 ONT Auto Find	8
1.3.3 ONT Silent	9
1.3.4 DBA Map	9
1.4 Syslog Information	10
1.5 Syslog Information	10
Chapter 2 System Management.....	12
2.1 System Information	12
2.2 Web Timeout.....	12
2.3 User Management.....	13
2.3.1 User Overview	13
2.3.2 User Add	13
2.3.3 User Modify.....	14
2.3.4 User Delete.....	15
Chapter 3 Port Management.....	16
3.1 Basic Configuration	16
3.2 Port Mirror.....	16
3.3 Port Isolation	17
3.4 Storm Control.....	18
3.5 Bandwidth Control.....	19
Chapter 4 Basic Service.....	20

4.1 VLAN Configuration.....	20
4.1.1 Static VLAN.....	20
4.1.2 VLAN Port.....	20
4.2 IP and Route Configuration.....	21
4.2.1 MGMT IP Configuration.....	21
4.2.2 VLAN IP Configuration.....	22
4.2.3 Static Route Configuration.....	22
4.3 Multicast.....	23
4.3.1 Multicast Configuration.....	23
4.3.2 IGMP Configuration.....	23
4.4 STP Configuration.....	24
4.4.1 Global Configuration.....	24
4.4.2 Port Configuration.....	25
4.5 LACP Configuration.....	26
4.5.1 Status Display.....	26
4.5.2 LACP Configuration.....	27
4.5.3 Protocol Control.....	28
4.6 MAC Configuration.....	28
4.6.1 Port Binding Display.....	29
4.6.2 Port Binding Configuration.....	29
4.7 SNMP Configuration.....	30
4.7.1 Community Configuration.....	30
4.7.2 Trap Configuration.....	31
4.8 DHCP Configuration.....	31
4.8.1 DHCP Snooping.....	31
4.8.2 IP-Mac Binding.....	32
4.8.3 DHCP Server&Relay.....	33
Chapter 5 Advance Service.....	34
5.1 System Time.....	34
5.2 DNS Client.....	34
5.3 SNTP.....	35
5.4 Access List.....	35

5.4.1 Classifier	35
5.4.2 Policy	36
Chapter 6 ONT Management.....	37
6.1 Auto Find	37
6.2 Auto Config.....	37
6.3 Silent.....	38
6.4 FEC.....	38
6.5 Deactive	39
6.5 Protect Switch	39
Chapter 7 ONT Profile Management.....	41
7.1 DBA Profile.....	41
7.2 Upstream Profile.....	41
7.3 Downstream Profile.....	41
7.4 VLAN Profile	42
7.4.1 VLAN Profile Configuration	42
7.5 Line Profile.....	43
7.5.1 T-CONT.....	43
7.5.2 GEM Port Configuration	44
7.5.3 Mapping Configuration	44
7.5.4 Flow Configuration	45
7.6 Rule Profile.....	45
Chapter 8 Maintain	47
8.1 Software Upgrading.....	47
8.2 Configuration Operation	47
8.2.1 Configuration Update.....	47
8.2.2 Configuration Save	48
8.3 Device Reboot.....	48
8.4 ONT Operation.....	48
8.4.1 Software Upgrade.....	49
8.4.4 Upgrade Progress.....	49
8.4.5 Configuration Load	50
8.4.4 Load Progress	50

8.4.5 ONT Reboot.....	51
8.5 Logo Replace.....	51

Chapter 1 Monitor

1.1 System Information

1.1.1 Login OLT

The default management address of the OLT is 192.168.168.1, the PC is configured as the address of the 192.168.168.X, and the network cable is connected to the MGMT port to access the OLT. The default user name and password are admin/admin.

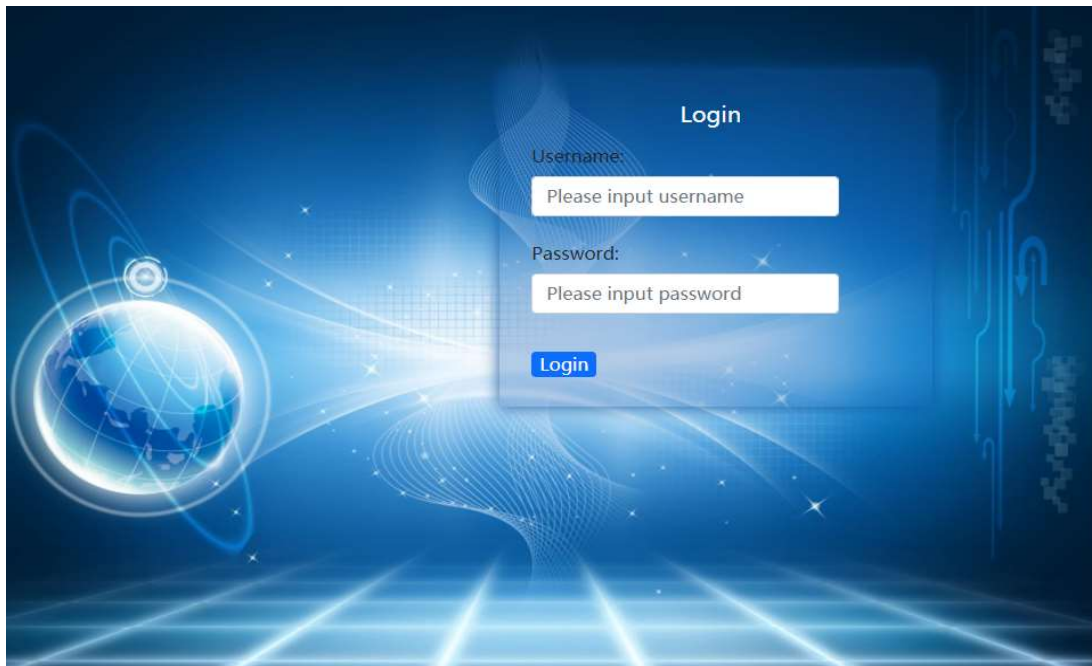


Figure 1-1

1.1.2 Device Information

1. Click Monitor-> System Information-> Device Information
2. This page displays information such as product description, hardware version, software version, and MAC address.

<ul style="list-style-type: none"> System Information ^ Device Information <li style="background-color: #e0f0ff;">Port Information v ONT Information v Syslog Information v 	<table border="1"> <thead> <tr> <th colspan="2">Device Information</th> </tr> </thead> <tbody> <tr> <td>Product Description</td> <td>G08 GPON Product</td> </tr> <tr> <td>Hardware Version</td> <td>V1.0</td> </tr> <tr> <td>Software Version</td> <td>V1.01.B00</td> </tr> <tr> <td>MAC Address</td> <td>00:88:88:55:66:77</td> </tr> <tr> <td>System Startup Time</td> <td>0-Days 0-Hours 46-Minutes 26-Seconds</td> </tr> <tr> <td>Web Page Timeout (minute)</td> <td>5</td> </tr> <tr> <td>System Clock</td> <td>Sat 2000/02/26 23:55:51 UTC +08:00</td> </tr> <tr> <td>Board Temperature</td> <td>31.750(°C)</td> </tr> </tbody> </table> <p style="text-align: center;">Refresh</p>	Device Information		Product Description	G08 GPON Product	Hardware Version	V1.0	Software Version	V1.01.B00	MAC Address	00:88:88:55:66:77	System Startup Time	0-Days 0-Hours 46-Minutes 26-Seconds	Web Page Timeout (minute)	5	System Clock	Sat 2000/02/26 23:55:51 UTC +08:00	Board Temperature	31.750(°C)
Device Information																			
Product Description	G08 GPON Product																		
Hardware Version	V1.0																		
Software Version	V1.01.B00																		
MAC Address	00:88:88:55:66:77																		
System Startup Time	0-Days 0-Hours 46-Minutes 26-Seconds																		
Web Page Timeout (minute)	5																		
System Clock	Sat 2000/02/26 23:55:51 UTC +08:00																		
Board Temperature	31.750(°C)																		

Figure 1-2

1.2 Port Information

Port information displays device port status, port traffic statistics, and uplink optical module information.

1.2.1 Basic Information

1. Click Monitor-> Port Information-> Basic Information
2. This page displays the port status, priority, speed, MTU, description and other information.

<ul style="list-style-type: none"> System Information v <li style="background-color: #e0f0ff;">Port Information ^ <li style="background-color: #e0f0ff;">Basic Information Basic Statistics Detail Statistics Optical Module ONT Information v Syslog Information v 	<table border="1"> <thead> <tr> <th colspan="8">Port Status Information</th> </tr> <tr> <th>Port</th> <th>Status</th> <th>Link</th> <th>Priority</th> <th>Set Speed</th> <th>Actual Speed</th> <th>MTU</th> <th>Port Description (0-128 chars)</th> </tr> </thead> <tbody> <tr><td>e0/0/1</td><td>enabled</td><td>down</td><td>0</td><td>auto</td><td>unknown</td><td>16356</td><td></td></tr> <tr><td>e0/0/2</td><td>enabled</td><td>down</td><td>0</td><td>auto</td><td>unknown</td><td>16356</td><td></td></tr> <tr><td>e0/0/3</td><td>enabled</td><td>down</td><td>0</td><td>auto</td><td>unknown</td><td>16356</td><td></td></tr> <tr><td>e0/0/4</td><td>enabled</td><td>down</td><td>0</td><td>auto</td><td>unknown</td><td>16356</td><td></td></tr> <tr><td>e0/1/1</td><td>enabled</td><td>down</td><td>0</td><td>full-10g</td><td>unknown</td><td>16356</td><td></td></tr> <tr><td>e0/1/2</td><td>enabled</td><td>down</td><td>0</td><td>full-10g</td><td>unknown</td><td>16356</td><td></td></tr> <tr><td>e0/1/3</td><td>enabled</td><td>down</td><td>0</td><td>full-10g</td><td>unknown</td><td>16356</td><td></td></tr> <tr><td>e0/1/4</td><td>enabled</td><td>down</td><td>0</td><td>full-10g</td><td>unknown</td><td>16356</td><td></td></tr> <tr><td>gpon0/2/1</td><td>enabled</td><td>up</td><td>0</td><td>full-2.5g</td><td>full-2.5g</td><td>16356</td><td></td></tr> <tr><td>gpon0/2/2</td><td>enabled</td><td>up</td><td>0</td><td>full-2.5g</td><td>full-2.5g</td><td>16356</td><td></td></tr> <tr style="background-color: #e0e0e0;"><td>gpon0/2/3</td><td>enabled</td><td>up</td><td>0</td><td>full-2.5g</td><td>full-2.5g</td><td>16356</td><td></td></tr> <tr><td>gpon0/2/4</td><td>enabled</td><td>up</td><td>0</td><td>full-2.5g</td><td>full-2.5g</td><td>16356</td><td></td></tr> <tr><td>gpon0/2/5</td><td>enabled</td><td>up</td><td>0</td><td>full-2.5g</td><td>full-2.5g</td><td>16356</td><td></td></tr> <tr><td>gpon0/2/6</td><td>enabled</td><td>up</td><td>0</td><td>full-2.5g</td><td>full-2.5g</td><td>16356</td><td></td></tr> <tr><td>gpon0/2/7</td><td>enabled</td><td>up</td><td>0</td><td>full-2.5g</td><td>full-2.5g</td><td>16356</td><td></td></tr> <tr><td>gpon0/2/8</td><td>enabled</td><td>up</td><td>0</td><td>full-2.5g</td><td>full-2.5g</td><td>16356</td><td></td></tr> </tbody> </table> <p style="text-align: center;">Refresh</p>	Port Status Information								Port	Status	Link	Priority	Set Speed	Actual Speed	MTU	Port Description (0-128 chars)	e0/0/1	enabled	down	0	auto	unknown	16356		e0/0/2	enabled	down	0	auto	unknown	16356		e0/0/3	enabled	down	0	auto	unknown	16356		e0/0/4	enabled	down	0	auto	unknown	16356		e0/1/1	enabled	down	0	full-10g	unknown	16356		e0/1/2	enabled	down	0	full-10g	unknown	16356		e0/1/3	enabled	down	0	full-10g	unknown	16356		e0/1/4	enabled	down	0	full-10g	unknown	16356		gpon0/2/1	enabled	up	0	full-2.5g	full-2.5g	16356		gpon0/2/2	enabled	up	0	full-2.5g	full-2.5g	16356		gpon0/2/3	enabled	up	0	full-2.5g	full-2.5g	16356		gpon0/2/4	enabled	up	0	full-2.5g	full-2.5g	16356		gpon0/2/5	enabled	up	0	full-2.5g	full-2.5g	16356		gpon0/2/6	enabled	up	0	full-2.5g	full-2.5g	16356		gpon0/2/7	enabled	up	0	full-2.5g	full-2.5g	16356		gpon0/2/8	enabled	up	0	full-2.5g	full-2.5g	16356	
Port Status Information																																																																																																																																																	
Port	Status	Link	Priority	Set Speed	Actual Speed	MTU	Port Description (0-128 chars)																																																																																																																																										
e0/0/1	enabled	down	0	auto	unknown	16356																																																																																																																																											
e0/0/2	enabled	down	0	auto	unknown	16356																																																																																																																																											
e0/0/3	enabled	down	0	auto	unknown	16356																																																																																																																																											
e0/0/4	enabled	down	0	auto	unknown	16356																																																																																																																																											
e0/1/1	enabled	down	0	full-10g	unknown	16356																																																																																																																																											
e0/1/2	enabled	down	0	full-10g	unknown	16356																																																																																																																																											
e0/1/3	enabled	down	0	full-10g	unknown	16356																																																																																																																																											
e0/1/4	enabled	down	0	full-10g	unknown	16356																																																																																																																																											
gpon0/2/1	enabled	up	0	full-2.5g	full-2.5g	16356																																																																																																																																											
gpon0/2/2	enabled	up	0	full-2.5g	full-2.5g	16356																																																																																																																																											
gpon0/2/3	enabled	up	0	full-2.5g	full-2.5g	16356																																																																																																																																											
gpon0/2/4	enabled	up	0	full-2.5g	full-2.5g	16356																																																																																																																																											
gpon0/2/5	enabled	up	0	full-2.5g	full-2.5g	16356																																																																																																																																											
gpon0/2/6	enabled	up	0	full-2.5g	full-2.5g	16356																																																																																																																																											
gpon0/2/7	enabled	up	0	full-2.5g	full-2.5g	16356																																																																																																																																											
gpon0/2/8	enabled	up	0	full-2.5g	full-2.5g	16356																																																																																																																																											

Figure 1-3

1.2.2 Basic Statistics

1. Click Monitor-> Port Information-> Basic Statistics
2. This page displays simple statistics about packets transmit and receive by the port.

Port Statistics Information						
Port	Receive Packets	Receive Bytes	Receive Errors	Transmit Packets	Transmit Bytes	Transmit Errors
e0/0/1	0	0	0	0	0	0
e0/0/2	0	0	0	0	0	0
e0/0/3	0	0	0	0	0	0
e0/0/4	0	0	0	0	0	0
e0/1/1	0	0	0	0	0	0
e0/1/2	0	0	0	0	0	0
e0/1/3	0	0	0	0	0	0
e0/1/4	0	0	0	0	0	0
gpon0/2/1	0	0	0	0	0	0
gpon0/2/2	0	0	0	0	0	0
gpon0/2/3	0	0	0	0	0	0
gpon0/2/4	0	0	0	0	0	0
gpon0/2/5	0	0	0	0	0	0
gpon0/2/6	0	0	0	0	0	0
gpon0/2/7	0	0	0	0	0	0
gpon0/2/8	0	0	0	0	0	0

Figure 1-4

1.2.3 Detail Statistics

1. Click Monitor->Port Information->Detail Statistics
2. This page displays detailed statistics about the received and transmit packets on the port.

Port Selection			
e0/0/1 ▾			
Port Detail Statistics			
Pkts 64 Bytes	0	Pkts 65-127 Bytes	0
Pkts 128-255 Bytes	0	Pkts 256-511 Bytes	0
Pkts 512-1023 Bytes	0	Pkts 1024-1518 Bytes	0
RX Unicast Pkts	0	TX Unicast Pkts	0
RX Multicast Pkts	0	TX Multicast Pkts	0
RX Broadcast Pkts	0	TX Broadcast Pkts	0
RX Frames	0	TX Frames	0
RX Bytes	0	TX Bytes	0
RX Discarded Pkts	0	TX Discarded Pkts	0
RX Errors	0	TX Errors	0

Figure 1-5

1.2.4 Optical Module

1. Click Monitor->Port Information->Optical Module
2. This page displays the basic information and DDM information of the optical module of the uplink port.

System Information	Optical Module Basic Information											
Port Information	Port	Transceiver	Compliance	Connector	WaveLength(nm)	Transfer Distance(m)	DDM	Serial Number	Date	Vendor		
Basic Information	gpon0/2/2	SFP/SFP+	GPON	SC	1490	20000(Sum)	yes	202111080001	2021-11-08	OEM		
Basic Statistics	Optical Module DDM Information											
Detail Statistics	Port	Temperature(°C)	Voltage(V)	Bias Current(mA)			RX Power(dBm)			TX Power(dBm)		
Optical Module				Current	High Threshold	Low Threshold	Current	High Threshold	Low Threshold	Current	High Threshold	Low Threshold
ONT Information	gpon0/2/2	33	3.21	8.66	70	2	-21.61	-11	-29.21	5.8	7.8	3.5
Syslog Information	Refresh											

Figure 1-6

1.3 ONT Information

ONT information includes ONT status, ONT Auto Find, ONT Silent and DBA Map.

1.3.1 ONT Status

1. Click Monitor->ONT information->ONT Status
2. This page displays ONT's SN, model, Up Duration, run state and member state, etc.

System Information	GPON Port Selection											
Port Information	gpon0/2/2											
ONT Information	Online ONT Status											
ONT Status	Port	ONT	Serial Number	Model	Up Duration	Run State	Member State	Detail				
ONT Auto Find	0/2/2	3	GPTF-00ed6885	N/A	0d0h57m	Normal	active	Detail				
ONT Silent	Refresh											
DBA Map	Offline ONT Status											
Syslog Information	Port	ONT	Serial Number	Model	Down Duration	Deregister Reason	Member State	Detail				
	Refresh											

Figure 1-7

1.3.1.1 Overview

1. Click Monitor->ONT information->ONT Status->Detail->Overview

2. This page displays ONT's Description, Run state and Distance, etc.

Port gpon0/2/2 ONT 3 Information [Back To ONT List](#)

Overview **Capability** Optical Port Status Statistics Mac Address Multicast Group

Type	N/A
Description	ONT_NO_DESCRIPTION
Run State	online
Member State	active
Distance(m)	<8
Vendor ID	MONU
Serial Number	GPTF-00ed6885
Password	1234567890
LOID	123456789
Check Code	N/A
Main Software Version	V1.0.1
Secondary Software Version	N/A
Firmware Version	V5.2
Online Time	23:10:46 2000/02/26
Up Duration	0 day(s) 3 hour(s) 30 minute(s)

[Refresh](#)

Figure 1-8

1.3.1.2 Capability

1. Click Monitor->ONT information->ONT Status->Detail->Capability
2. This page displays ONT's capability information.

Port gpon0/2/2 ONT 3 Information [Back To ONT List](#)

Overview **Capability** Optical Port Status Statistics Mac Address Multicast Group

Uplink GPON Ports Number	1
ETH/POTS/TDM/MOCA Ports Number	1/0/0/0
CATV ANI/UNI Ports Number	0/1
T-CONTs/GEM Ports Number	16/64
Traffic Schedulers	16
T-CONT Number	8
PQs Number in T-CONT	8/8/8/8/8/8/8
DBA Type	SR
IP Configuration	Support
Flow Control Type	GEMPORT CAR and PQ SCHEDULED
Tx Power Cut Off	Not Support

[Refresh](#)

Figure 1-9

1.3.1.3 Optical

1. Click Monitor->ONT information->ONT Status->Detail->Optical
2. This page displays ONT's optical module power information.

Port gpon0/2/2 ONT 3 Information	
Voltage(V)	3.32
Rx Optical Power(dBm)	-18.602
Tx Optical Power(dBm)	2.316
Laser Bias Current(mA)	13.872
Temperature(C)	41.52
CATV Rx optical Power(dBm)	N/A
CATV Output optical Power(dBmV)	N/A

Figure 1-10

1.3.1.4 Port Status

1. Click Monitor->ONT information->ONT Status->Detail->Port Status
2. This page displays ONT's ethernet port operation state and link state, etc.

Ethernet Port Status		
Port	Operation	Link
1	enable	Link Down

CATV Port Status	
Port	Operation

POTS Port Status		
Port	VOIP Register Status	VOIP Register IP Address

Figure 1-11

1.3.1.5 Statistics

1. Click Monitor->ONT information->ONT Status->Detail->Statistics
2. This page displays ONT's ethernet and GEM traffic statistics.

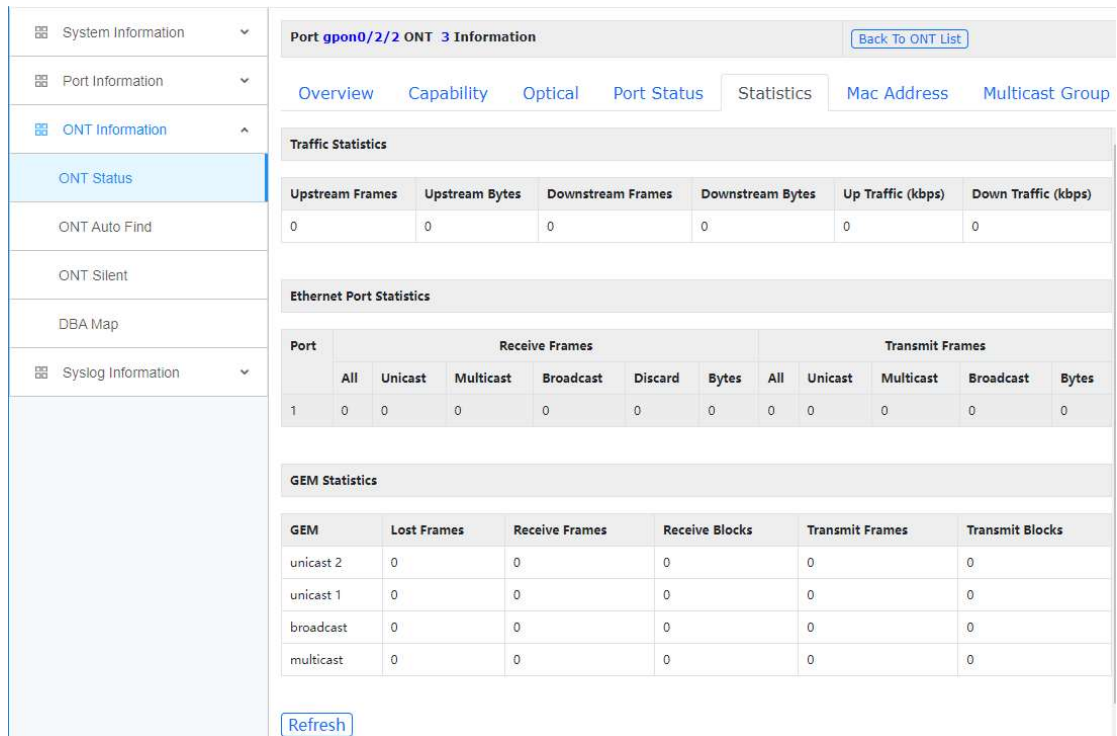


Figure 1-12

1.3.1.6 MAC Address

1. Click Monitor->ONT information->ONT Status->Detail->Mac Address
2. This page displays ONT's MAC address learned by ONT.

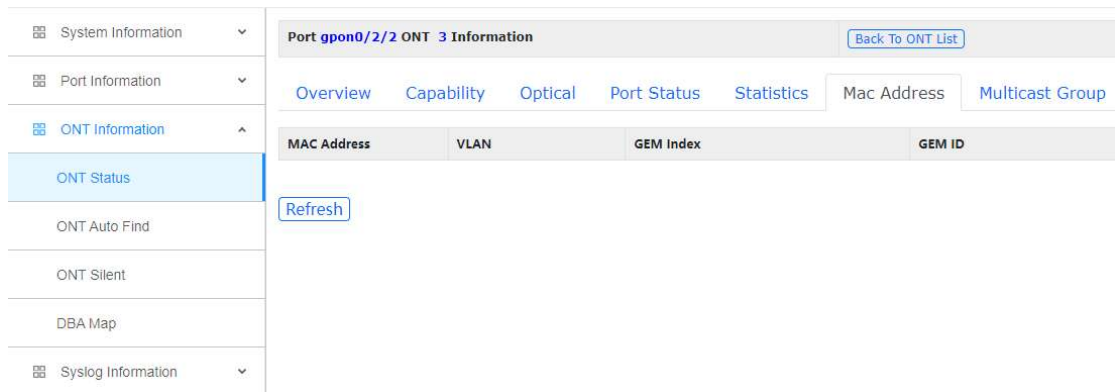


Figure 1-13

1.3.1.7 Multicast Group

1. Click Monitor->ONT information->ONT Status->Detail->Multicast Group
2. This page displays ONT's multicast group learned by ONT.

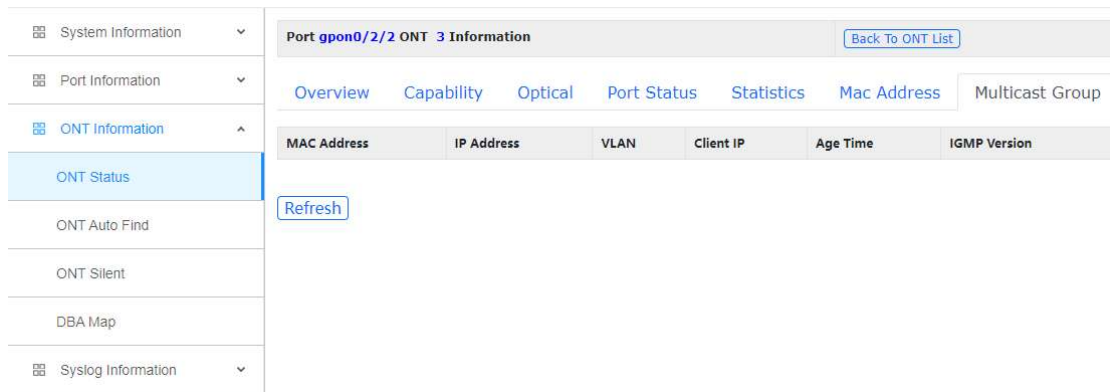


Figure 1-14

1.3.2 ONT Auto Find

1. Click Monitor->ONT information->ONT Auto Find
2. This page displays information about ONTs that have failed authentication.

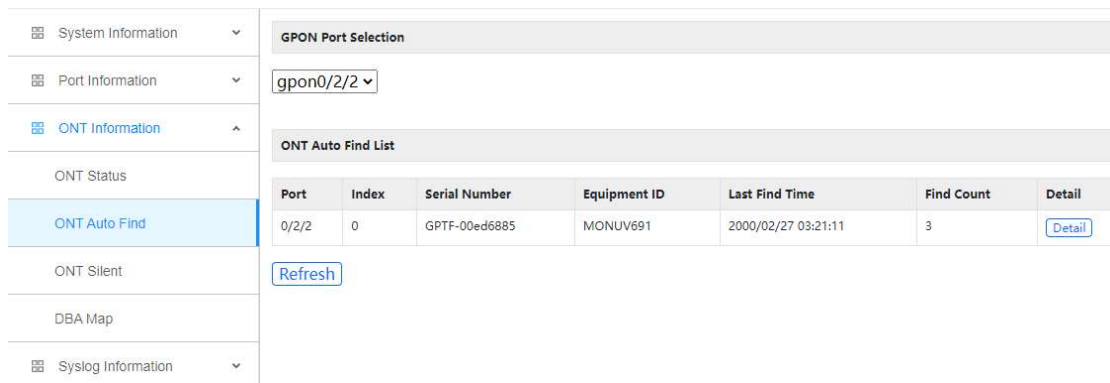


Figure 1-15

1.3.2.1 ONT Auto Find Detail Information

1. Click Monitor->ONT information->ONT Auto Find->Detail
2. This page displays ONT's auto find detail information by find list index.

Port gpon0/2/2 Index 0 Auto Find Information	
Serial Number	GPTF-00ed6885
Password	1234567890
LOID	123456789
Check Code	N/A
Vendor ID	MONU
Main Software Version	V1.0.1
Firmware Version	V5.2
Equipment ID	MONUV691
Unregistered Reason	AUTH_PARAM_NOT_MATCH
First Find Time	2000/02/27 03:20:27
Last Find Time	2000/02/27 03:22:17
Find Count	6

Figure 1-16

1.3.3 ONT Silent

1. Click Monitor->ONT information->ONT Silent
2. This page displays the ONU's configuration of failed authentication silent and offline silent.

GPON Port Selection				
gpon0/2/2				
ONT Silent List				
Port	Index	Serial Number	Expire Time	Reason
0/2/2	0	GPTF-00ed6885	5	auth-fail

Figure1-17

1.3.4 DBA Map

1. Click Monitor->ONT information->DBA Map
2. This page displays ONT DBA assignment information of GPON interface.

GPON Port Selection

gpon0/2/2

DBA Map Summary

Assign Success Total Entries	Assign Success Total Fixed Bandwidth (kbps)	Assign Success Total Assured Bandwidth (kbps)
1	0	0

DBA Map List

Port	ONT	T-CONT Index	DBA Index	Fixed Bandwidth (kbps)	Assured Bandwidth (kbps)	Max Bandwidth (kbps)	Assign
gpon0/2/2	3	1	0	0	0	10240	success

Refresh

Figure 1-18

1.4 Syslog Information

1. Click Monitor->Syslog Information
2. This page displays the MAC address learned by ONU

ONU Selection

epon0/2/1 ONU:2

ONU[epon0/2/1:2] MAC Address Informations

VLAN	MAC	Status
100	00:00:00:d9:18:21	dynamic

Refresh

Figure 1-19

1.5 Syslog Information

1. Click Monitor->Syslog Information
2. This page displays the system log. The log records up to 10,000 entries, and it will be automatically overwritten when exceeded.

<ul style="list-style-type: none"> System Information ^ Device Information Port Information v ONT Information v Syslog Information ^ 	<div style="background-color: #f2f2f2; padding: 5px;">Syslog Log Information</div> <div style="border: 1px solid #ccc; padding: 5px; margin: 5px 0; text-align: center;">Refresh</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #f2f2f2;"> <th style="text-align: left;">Index</th> <th style="text-align: left;">Log Information</th> </tr> </thead> <tbody> <tr><td>1</td><td>00:37:15: %CMDLINE-6-COMMAND: (0) admin: display dba-map interface gpon 2/2</td></tr> <tr><td>2</td><td>00:37:02: %CMDLINE-6-COMMAND: (0) admin: display ont info interface gpon all</td></tr> <tr><td>3</td><td>00:28:26: %CMDLINE-6-COMMAND: (0) admin: display version</td></tr> <tr><td>4</td><td>00:27:20: %CMDLINE-6-COMMAND: (0) admin: display utilization interface</td></tr> <tr><td>5</td><td>00:24:50: %CMDLINE-6-COMMAND: (0) admin: display ont info interface gpon all</td></tr> <tr><td>6</td><td>00:24:06: %CMDLINE-6-COMMAND: (0) admin: display ont info interface gpon all</td></tr> <tr><td>7</td><td>00:23:58: %CMDLINE-6-COMMAND: (0) admin: display ont info interface gpon all</td></tr> <tr><td>8</td><td>00:23:42: %CMDLINE-6-COMMAND: (0) admin: display ont info interface gpon all</td></tr> <tr><td>9</td><td>00:23:39: %CMDLINE-6-COMMAND: (0) admin: ont auto-config</td></tr> <tr><td>10</td><td>00:23:01: %CMDLINE-6-COMMAND: (0) admin: display version</td></tr> <tr><td>11</td><td>00:06:20: %CMDLINE-6-COMMAND: (0) admin: display dba-profile bound-info all</td></tr> <tr><td>12</td><td>00:06:05: %CMDLINE-6-COMMAND: (0) admin: display current-config</td></tr> </tbody> </table>	Index	Log Information	1	00:37:15: %CMDLINE-6-COMMAND: (0) admin: display dba-map interface gpon 2/2	2	00:37:02: %CMDLINE-6-COMMAND: (0) admin: display ont info interface gpon all	3	00:28:26: %CMDLINE-6-COMMAND: (0) admin: display version	4	00:27:20: %CMDLINE-6-COMMAND: (0) admin: display utilization interface	5	00:24:50: %CMDLINE-6-COMMAND: (0) admin: display ont info interface gpon all	6	00:24:06: %CMDLINE-6-COMMAND: (0) admin: display ont info interface gpon all	7	00:23:58: %CMDLINE-6-COMMAND: (0) admin: display ont info interface gpon all	8	00:23:42: %CMDLINE-6-COMMAND: (0) admin: display ont info interface gpon all	9	00:23:39: %CMDLINE-6-COMMAND: (0) admin: ont auto-config	10	00:23:01: %CMDLINE-6-COMMAND: (0) admin: display version	11	00:06:20: %CMDLINE-6-COMMAND: (0) admin: display dba-profile bound-info all	12	00:06:05: %CMDLINE-6-COMMAND: (0) admin: display current-config
Index	Log Information																										
1	00:37:15: %CMDLINE-6-COMMAND: (0) admin: display dba-map interface gpon 2/2																										
2	00:37:02: %CMDLINE-6-COMMAND: (0) admin: display ont info interface gpon all																										
3	00:28:26: %CMDLINE-6-COMMAND: (0) admin: display version																										
4	00:27:20: %CMDLINE-6-COMMAND: (0) admin: display utilization interface																										
5	00:24:50: %CMDLINE-6-COMMAND: (0) admin: display ont info interface gpon all																										
6	00:24:06: %CMDLINE-6-COMMAND: (0) admin: display ont info interface gpon all																										
7	00:23:58: %CMDLINE-6-COMMAND: (0) admin: display ont info interface gpon all																										
8	00:23:42: %CMDLINE-6-COMMAND: (0) admin: display ont info interface gpon all																										
9	00:23:39: %CMDLINE-6-COMMAND: (0) admin: ont auto-config																										
10	00:23:01: %CMDLINE-6-COMMAND: (0) admin: display version																										
11	00:06:20: %CMDLINE-6-COMMAND: (0) admin: display dba-profile bound-info all																										
12	00:06:05: %CMDLINE-6-COMMAND: (0) admin: display current-config																										

Figure 1-20

Chapter 2 System Management

System OEM information modification and user management, etc.

2.1 System Information

1. Click Config->System Management->System Information Settings
2. This page is configure and display the OEM information of OLT.

The screenshot shows a web management interface with a sidebar on the left and a main content area on the right. The sidebar has a menu with 'System Management' expanded, showing 'System Information' selected. Other items include 'Web Timeout', 'User Management', 'Port Management', 'Basic Service', 'Advanced Service', 'ONT Management', and 'ONT Profile Management'. The main content area is titled 'System Information Settings' and contains a table of system parameters:

System Description	GPON OLT
System Object ID	1.3.6.1.4.1.8888.1.3.34.1
System Port Quantity	16
System Startup Time	48 minute 50 second 89 tick
System Name	<input type="text"/>
System Location	<input type="text"/>
System Contact	<input type="text"/>
Product Description	G08 GPON Product

At the bottom of the main content area, there are two buttons: 'Refresh' and 'Modify'.

Figure 2-1

2.2 Web Timeout

1. Click Config->System Management->Web Timeout
2. This page configures the web timeout time, which can be 5, 10, 15 and 20 minutes.

The screenshot shows a web management interface with a sidebar on the left and a main content area on the right. The sidebar has a menu with 'System Management' expanded, showing 'Web Timeout' selected. Other items include 'System Information', 'User Management', 'Port Management', 'Basic Service', 'Advanced Service', 'ONT Management', and 'ONT Profile Management'. The main content area is titled 'Web Page Timeout Settings' and contains the following information:

Current web page timeout: 5minutes

Select new web page timeout: minutes

Below the input field is a dropdown menu with the following options: 5, 10, 15, 20. The '5' option is currently selected.

At the bottom of the main content area, there is an 'Apply' button.

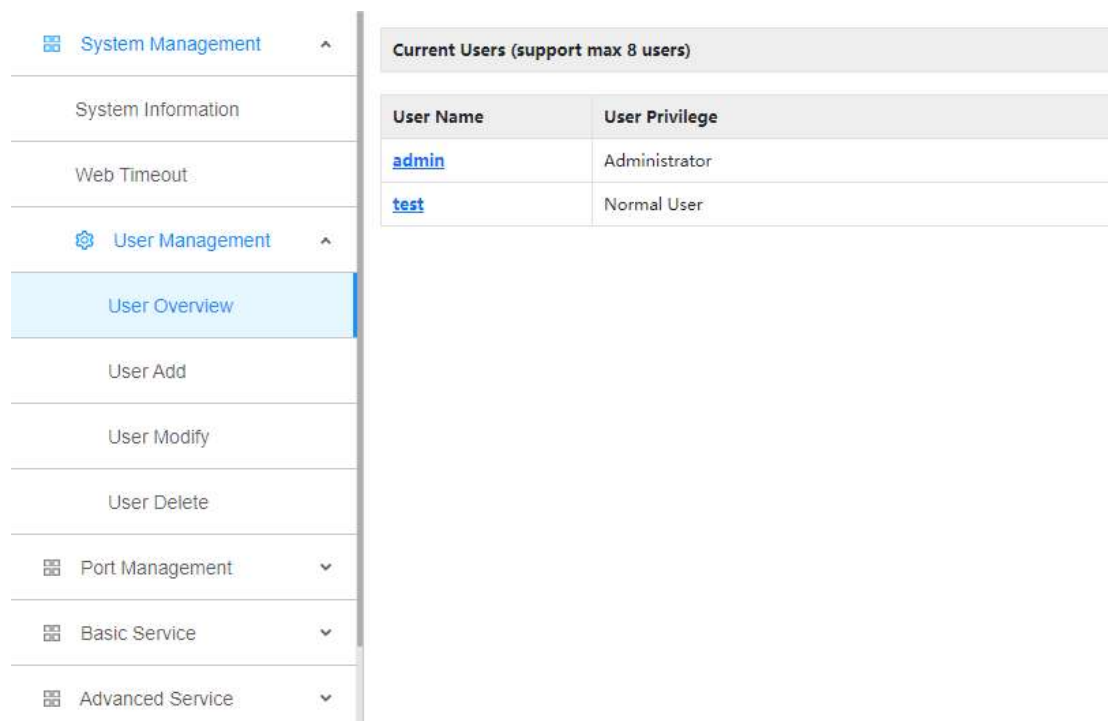
Figure 2-2

2.3 User Management

User management is used to modify, add and delete new users. The system administrator account cannot be deleted, and the user administrator account cannot modify user permissions, and cannot add user accounts.

2.3.1 User Overview

1. Click Config->System Management->User Management->User Overview
2. This page displays all the accounts and privilege of the device.



Current Users (support max 8 users)	
User Name	User Privilege
admin	Administrator
test	Normal User

Figure 2-3

2.3.2 User Add

1. Click Config->System Management->User Management->User Add
2. This page is used to add user account and password.

Add New User (support max 8 users)	
New User Name (1-32 characters)	<input type="text" value="test"/>
Password (1-16 characters)	<input type="password" value="...."/>
Confirm Password	<input type="password" value="...."/>
User Privilege	<input type="text" value="Normal"/>

[Add](#)

Figure 2-4

2.3.3 User Modify

1. Click Config->System Management->User Management->User Modify
2. This page is used to modify user password and user privilege. The admin account privilege cannot be modified. Only the admin account can modify the privilege of other users.

Modify User	
User Name	<input type="text" value="test"/>
New Password (1-16 characters)	<input type="password" value="...."/>
Confirm Password	<input type="password" value="...."/>
User Privilege	<input type="text" value="Normal"/>

[Modify](#)

Figure 2-5

2.3.4 User Delete

1. Click Config->System Management->User Management->User Delete
2. This page is used to delete user accounts. Only admin user can perform this operation.

System Management ^	Delete Exist User
System Information	Select User To Delete <input type="text" value="admin"/>
Web Timeout	<input type="button" value="Refresh"/> <input type="button" value="Delete"/>
User Management ^	
User Overview	
User Add	
User Modify	
User Delete	

Figure 2-6

Chapter 3 Port Management

Port management configures port mirror, port isolation, storm control and bandwidth control.

3.1 Basic Configuration

1. Click Config->Port Management->Basic Configuration
2. This page configures the OLT port status, priority, rate, MTU, and port description information.

Port Basic Settings							
Port	Status	Link	Priority	Set speed	Actual speed	MTU	Port Description (0-128 chars)
gpon0/2/2	enable	up	0	full-2.5g	full-2.5G	16356	
<input type="button" value="Refresh"/> <input type="button" value="Modify"/>							
e0/0/1	enabled	down	0	auto	unknown	16356	
e0/0/2	enabled	down	0	auto	unknown	16356	
e0/0/3	enabled	down	0	auto	unknown	16356	
e0/0/4	enabled	down	0	auto	unknown	16356	
e0/1/1	enabled	down	0	full-10g	unknown	16356	
e0/1/2	enabled	down	0	full-10g	unknown	16356	
e0/1/3	enabled	down	0	full-10g	unknown	16356	
e0/1/4	enabled	down	0	full-10g	unknown	16356	
gpon0/2/1	enabled	up	0	full-2.5g	full-2.5g	16356	
gpon0/2/2	enabled	up	0	full-2.5g	full-2.5g	16356	
gpon0/2/3	enabled	up	0	full-2.5g	full-2.5g	16356	
gpon0/2/4	enabled	up	0	full-2.5g	full-2.5g	16356	
gpon0/2/5	enabled	up	0	full-2.5g	full-2.5g	16356	
gpon0/2/6	enabled	up	0	full-2.5g	full-2.5g	16356	
gpon0/2/7	enabled	up	0	full-2.5g	full-2.5g	16356	
gpon0/2/8	enabled	up	0	full-2.5g	full-2.5g	16356	

Figure 3-1

3.2 Port Mirror

1. Click Config->Port Management->Port Mirror
2. This page configures the port mirror function.

- System Management ▾
- Port Management ▲
- Basic Configuration
- Port Mirror
- Port Isolation
- Storm Control
- Bandwidth Control
- Basic Service ▾
- Advanced Service ▾
- ONT Management ▾
- ONT Profile Management ▾

Mirror Destination Port

Mirror Destination Port

Mirror Source Port

Port	Mirrored	Direction
e0/0/1	<input checked="" type="checkbox"/>	Both ▾
e0/0/2	<input checked="" type="checkbox"/>	Both ▾
e0/0/3	<input type="checkbox"/>	Both ▾
e0/0/4	<input type="checkbox"/>	Both ▾
e0/1/1	<input type="checkbox"/>	Both ▾
e0/1/2	<input type="checkbox"/>	Both ▾
e0/1/3	<input type="checkbox"/>	Both ▾
e0/1/4	<input type="checkbox"/>	Both ▾
gpon0/2/1	<input type="checkbox"/>	Both ▾
gpon0/2/2	<input type="checkbox"/>	Both ▾
gpon0/2/3	<input type="checkbox"/>	Both ▾
gpon0/2/4	<input type="checkbox"/>	Both ▾
gpon0/2/5	<input type="checkbox"/>	Both ▾
gpon0/2/6	<input type="checkbox"/>	Both ▾
gpon0/2/7	<input type="checkbox"/>	Both ▾
gpon0/2/8	<input type="checkbox"/>	Both ▾

[Apply](#) [Cancel](#)

Figure 3-2

3.3 Port Isolation

1. Click Config->Port Management->Port Isolation
2. This page configures the port isolation function. The ports in the isolation group are isolated from each other and can only communicate with the uplink port, cannot communicate with other ports.

System Management	Port Isolation
Port Management	Group ID Port List(such as e0/0/1-e0/0/2,e0/0/4,e0/1/1)
Basic Configuration	1 <input type="text" value="Selector"/>
Port Mirror	2 <input type="text" value="Selector"/>
Port Isolation	3 <input type="text" value="Selector"/>
Storm Control	4 <input type="text" value="Selector"/>
Bandwidth Control	5 <input type="text" value="Selector"/>
Basic Service	6 <input type="text" value="Selector"/>
Advanced Service	7 <input type="text" value="Selector"/>
ONT Management	8 <input type="text" value="Selector"/>
ONT Profile Management	

Figure 3-3

3.4 Storm Control

1. Click Config->Port Management->Storm Control
2. This page configures the storm control function, packets exceeding the configured speed will be discarded

System Management	Storm Control			
Port Management	Port	Broadcast(unit:pps)	Multicast(unit:pps)	Unicast(unit:pps)
Basic Configuration	e0/0/1	<input checked="" type="checkbox"/> 50000 pps	<input type="checkbox"/> pps	<input type="checkbox"/> pps
Port Mirror	e0/0/2	<input checked="" type="checkbox"/> 50000 pps	<input type="checkbox"/> pps	<input type="checkbox"/> pps
Port Isolation	e0/0/3	<input checked="" type="checkbox"/> 50000 pps	<input type="checkbox"/> pps	<input type="checkbox"/> pps
Storm Control	e0/0/4	<input checked="" type="checkbox"/> 50000 pps	<input type="checkbox"/> pps	<input type="checkbox"/> pps
Bandwidth Control	e0/1/1	<input checked="" type="checkbox"/> 50000 pps	<input type="checkbox"/> pps	<input type="checkbox"/> pps
Basic Service	e0/1/2	<input checked="" type="checkbox"/> 50000 pps	<input type="checkbox"/> pps	<input type="checkbox"/> pps
Advanced Service	e0/1/3	<input checked="" type="checkbox"/> 50000 pps	<input type="checkbox"/> pps	<input type="checkbox"/> pps
ONT Management	e0/1/4	<input checked="" type="checkbox"/> 50000 pps	<input type="checkbox"/> pps	<input type="checkbox"/> pps
ONT Profile Management	gpon0/2/1	<input checked="" type="checkbox"/> 50000 pps	<input type="checkbox"/> pps	<input type="checkbox"/> pps
	gpon0/2/2	<input checked="" type="checkbox"/> 50000 pps	<input type="checkbox"/> pps	<input type="checkbox"/> pps
	gpon0/2/3	<input checked="" type="checkbox"/> 50000 pps	<input type="checkbox"/> pps	<input type="checkbox"/> pps
	gpon0/2/4	<input checked="" type="checkbox"/> 50000 pps	<input type="checkbox"/> pps	<input type="checkbox"/> pps
	gpon0/2/5	<input checked="" type="checkbox"/> 50000 pps	<input type="checkbox"/> pps	<input type="checkbox"/> pps
	gpon0/2/6	<input checked="" type="checkbox"/> 50000 pps	<input type="checkbox"/> pps	<input type="checkbox"/> pps
	gpon0/2/7	<input checked="" type="checkbox"/> 50000 pps	<input type="checkbox"/> pps	<input type="checkbox"/> pps
	gpon0/2/8	<input checked="" type="checkbox"/> 50000 pps	<input type="checkbox"/> pps	<input type="checkbox"/> pps
	<input type="button" value="Refresh"/> <input type="button" value="Apply"/> <input type="button" value="Cancel"/>			

Figure 3-4

3.5 Bandwidth Control

1. Click Config->Port Management->Bandwidth Control
2. This page configures the ingress and egress rate of the OLT port, and the bandwidth is limited to an integer multiple of 64

System Management	Bandwidth Control		
Port Management	Port	Ingress Rate	Egress Rate
Basic Configuration	e0/0/1	<input type="text" value="1024"/> kbps	<input type="text"/> kbps
Port Mirror	e0/0/2	<input type="text"/> kbps	<input type="text"/> kbps
Port Isolation	e0/0/3	<input type="text"/> kbps	<input type="text"/> kbps
Storm Control	e0/0/4	<input type="text"/> kbps	<input type="text"/> kbps
Bandwidth Control	e0/1/1	<input type="text"/> kbps	<input type="text"/> kbps
Basic Service	e0/1/2	<input type="text"/> kbps	<input type="text"/> kbps
Advanced Service	e0/1/3	<input type="text"/> kbps	<input type="text"/> kbps
	e0/1/4	<input type="text"/> kbps	<input type="text"/> kbps
	<input type="button" value="Refresh"/> <input type="button" value="Apply"/> <input type="button" value="Cancel"/>		

Figure 3-5

Chapter 4 Basic Service

Basic services include VLAN, management IP, Layer 2 multicast, STP, LACP and other functions.

4.1 VLAN Configuration

VLAN configuration can create VLANs and bind ports

4.1.1 Static VLAN

1. Click Config->Basic Service->VLAN Configuration->Static VLAN
2. This page can add, modify, delete, and add description information for VLANs.

The screenshot shows the 'Static VLAN' configuration page. On the left is a navigation menu with 'Static VLAN' selected. The main content area has a 'VLAN Create And Delete' section with a form for adding VLANs (VLAN(8,9,11-15)) and buttons for 'Refresh', 'Create', and 'Delete'. Below this is a 'VLAN Information' table with the following data:

VLAN	Status	Member Ports	Static Tag Ports	Static Untag Ports	Dynamic Tag Ports
1	static				
100	static	e0/0/1-e0/0/4,gpon0/2/1-gpon0/2/8	gpon0/2/1-gpon0/2/8	e0/0/1-e0/0/4	
200	static	e0/1/1-e0/1/4,gpon0/2/1-gpon0/2/8	gpon0/2/1-gpon0/2/8	e0/1/1-e0/1/4	

Figure 4-1

4.1.2 VLAN Port

1. Click Config->Basic Service->VLAN Configuration->VLAN Port
2. This page configures the default VLAN and mode of the port.

- System Management ▾
- Port Management ▾
- Basic Service ▲
- VLAN Configuration ▲
- Static VLAN
- VLAN Port
- IP and Route Config... ▾
- Multicast ▾
- STP Configuration ▾
- LACP Configuration ▾
- MAC Configuration ▾
- SNMP Configuration ▾
- DHCP Configuration ▾
- Advanced Service ▾
- ONT Management ▾
- ONT Profile Management ▾

Port VLAN Settings

Port	<input type="text" value="e0/0/1"/>
PVID(1-4094)	<input type="text" value="100"/>
Mode	<input type="text" value="hybrid"/>
Tag VLAN(8,9,11-15)	<input type="text"/>
Untag VLAN(8,9,11-15)	<input type="text" value="100"/>

Port VLAN Information

Port	PVID(1-4094)	Mode	Tag Vlan List	Untag Vlan List
e0/0/1	100	hybrid		100
e0/0/2	100	hybrid		100
e0/0/3	100	hybrid		100
e0/0/4	100	hybrid		100
e0/1/1	200	hybrid		200
e0/1/2	200	hybrid		200
e0/1/3	200	hybrid		200
e0/1/4	200	hybrid		200
gpon0/2/1	200	hybrid	100,200	
gpon0/2/2	200	hybrid	100,200	
gpon0/2/3	200	hybrid	100,200	
gpon0/2/4	200	hybrid	100,200	
gpon0/2/5	200	hybrid	100,200	

Figure 4-2

4.2 IP and Route Configuration

IP and route configuration include VLAN interface and static route.

4.2.1 MGMT IP Configuration

1. Click Config->Basic Service->IP and Route Configuration->MGMT IP Configuration
2. This page configures the management IP of the OLT. The default management IP is 192.168.168.1.

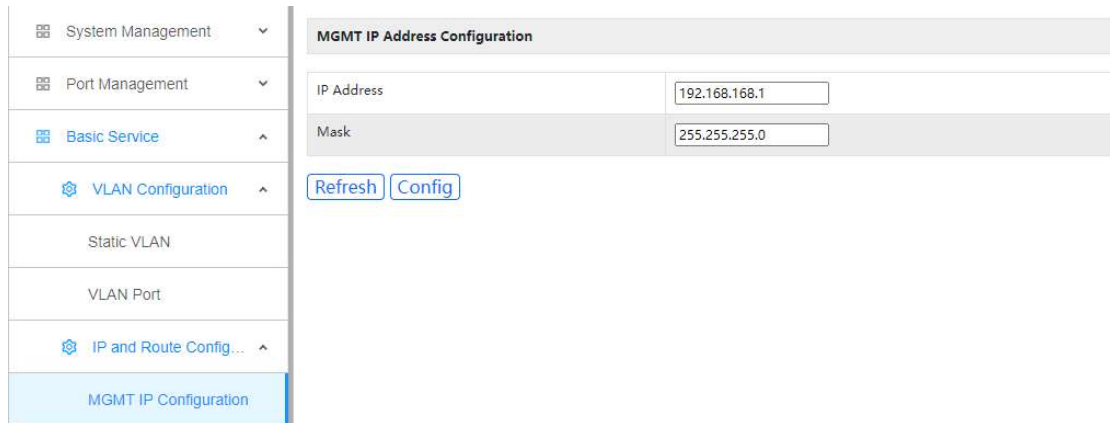


Figure 4-3

4.2.2 VLAN IP Configuration

1. Click Config->Basic Service->IP and Route Configuration->VLAN IP Configuration
2. This page can add, modify and delete VLAN interface.

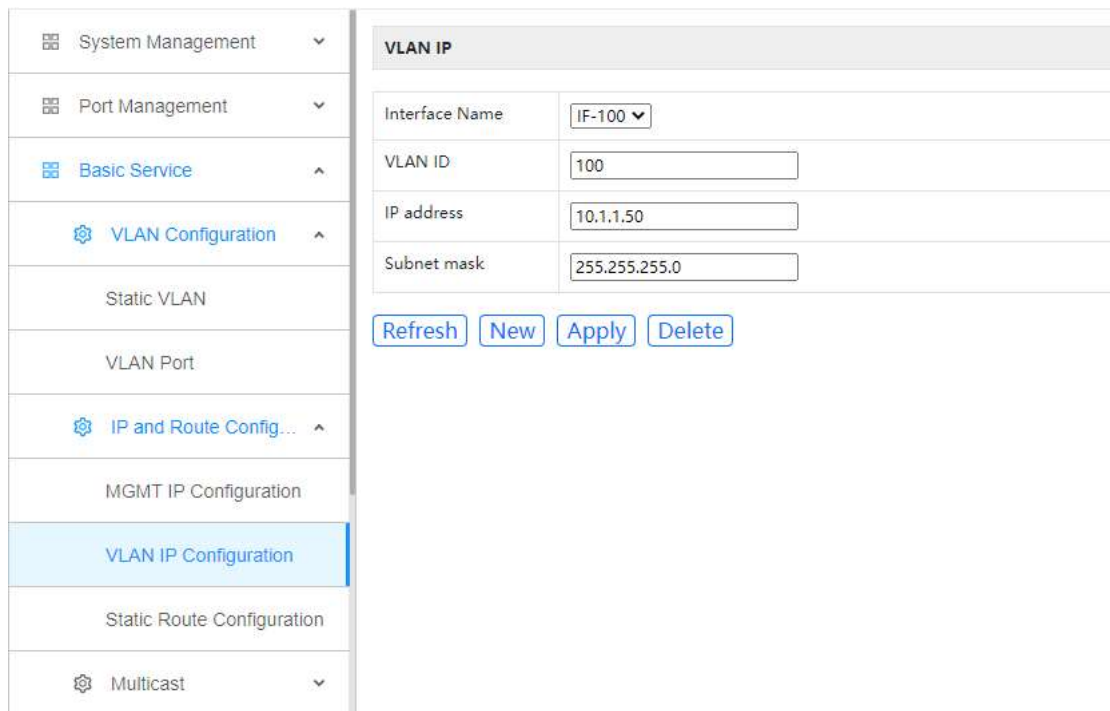


Figure 4-4

4.2.3 Static Route Configuration

1. Click Config->Basic Service->IP and Route Configuration->Static Route Configuration
2. This page displays, adds and deletes static routes.

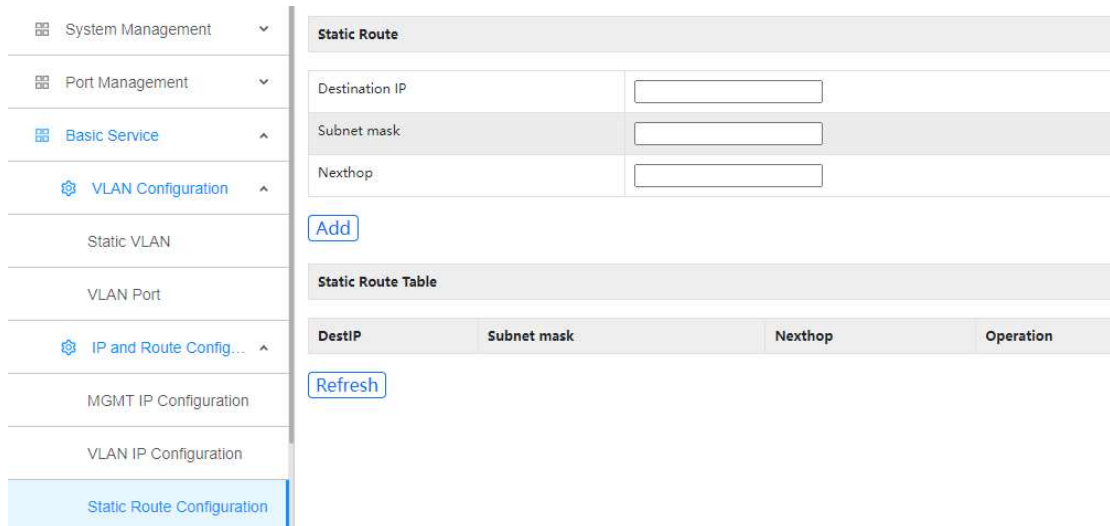


Figure 4-5

4.3 Multicast

4.3.1 Multicast Configuration

1. Click Config->Basic Service->Multicast->Multicast Configuration
2. This page can add, modify and delete static multicast groups.

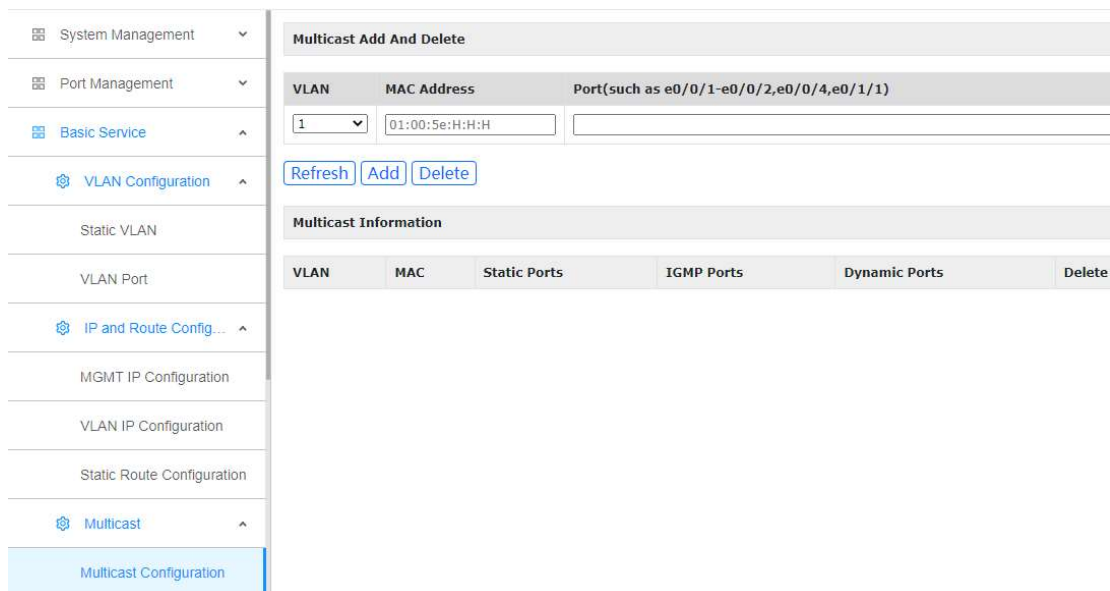


Figure 4-6

4.3.2 IGMP Configuration

1. Click Config->Basic Service->Multicast->IGMP Configuration
2. This page configures IGMP snooping.

System Management	Igmp-snooping Enable	enable
Port Management	Apply	
Basic Service	Advance Settings	
VLAN Configuration	IGMP-Snooping Report-suppression	enable
Static VLAN	Max Response Time (1-100 seconds)	10
VLAN Port	Host Aging Time (10-1000000 seconds)	300
IP and Route Config...	IGMP-Snooping Route-port Forward	disable
MGMT IP Configuration	Router Port Timeout (10-1000000 seconds)	300
VLAN IP Configuration	Router Port Age	enable
Static Route Configuration	Denied VLAN	<input type="text"/> Add Delete (VLAN ID range : 1~4094,input vlan list such as 8,9,11-15)
Multicast	Denied VLAN List	
Multicast Configuration	Default Group Policy	permit
IGMP Configuration	IGMP-Snooping Querier	disable
STP Configuration	Querier VLAN	<input type="text"/> Add Delete (VLAN ID range : 1~4094,input vlan list such as 8,9,11-15)
LACP Configuration	Querier VLAN List	1
MAC Configuration	Querier Source IP	<input type="text" value="1.1.1.1"/>
SNMP Configuration	Max Query Respond Time (1-25 seconds)	10
DHCP Configuration	Query Interval (1-30000 seconds)	60
	Igmp Version	2
	Refresh Modify	

Figure 4-7

4.4 STP Configuration

STP (Spanning Tree Protocol) is a part of the IEEE 802.1D bridge protocol. The standard STP implementation can eliminate network broadcast storms caused by network cyclic connections, eliminate cyclic connections caused by mistakes or accidents, and also provide network services. Possibility of backup connection.

4.4.1 Global Configuration

1. Click Config->Basic Service->Stp Configuration->Global Configuration
2. This page configures the global STP and displays STP status.

- System Management ▾
- Port Management ▾
- Basic Service ▲
- VLAN Configuration ▲
- Static VLAN
- VLAN Port
- IP and Route Config... ▾
- Multicast ▲
- Multicast Configuration
- IGMP Configuration
- STP Configuration ▲
- Global Configuration
- Port Configuration
- LACP Configuration ▾
- MAC Configuration ▾
- SNMP Configuration ▾

Global STP Settings

STP State ▾

[Apply](#)

Bridge Settings

Priority (0-61440, in steps of 4096)	<input type="text" value="32768"/>
Hello Time (1-10 sec.)	<input type="text" value="2"/>
Forward Delay (4-30 sec.)	<input type="text" value="15"/>
Max Age (6-40 sec.)	<input type="text" value="20"/>

[Modify](#)

STP Status

Bridge ID	32768 00:88:88:55:66:77
Root Bridge ID	32768 00:88:88:55:66:77
Root Port	0
Path Cost To Root Bridge	0
STP Topology Changes Count	0

Notes: $2 * (\text{Forward Delay} - 1) \geq \text{Max Age} \geq 2 * (\text{Hello Time} + 1)$

[Refresh](#)

Figure 4-8

4.4.2 Port Configuration

1. Click Config->Basic Service->STP Configuration->Port Configuration
2. This page configures the STP status, path cost, and priority. The priority of the port must be an integer multiple of 16.

System Management	Port STP Settings					
Port Management	Port	STP State	Port Role	Path Cost (1-200000000)	Priority (0-240)	Port State
Basic Service	gpon0/2/2	disable	disabledPort	200000	128	forwarding
VLAN Configuration	Refresh Modify					
Static VLAN	e0/0/1	enable	designatedPort	200000	128	DOWN
VLAN Port	e0/0/2	enable	designatedPort	200000	128	DOWN
IP and Route Config...	e0/0/3	enable	designatedPort	200000	128	DOWN
Multicast	e0/0/4	enable	designatedPort	200000	128	DOWN
Multicast Configuration	e0/1/1	enable	designatedPort	200000	128	DOWN
IGMP Configuration	e0/1/2	enable	designatedPort	200000	128	DOWN
STP Configuration	e0/1/3	enable	designatedPort	200000	128	DOWN
Global Configuration	e0/1/4	enable	designatedPort	200000	128	DOWN
Port Configuration	gpon0/2/1	disable	disabledPort	200000	128	forwarding
LACP Configuration	gpon0/2/2	disable	disabledPort	200000	128	forwarding
	gpon0/2/3	disable	disabledPort	200000	128	forwarding
	gpon0/2/4	disable	disabledPort	200000	128	forwarding
	gpon0/2/5	disable	disabledPort	200000	128	forwarding
	gpon0/2/6	disable	disabledPort	200000	128	forwarding
	gpon0/2/7	disable	disabledPort	200000	128	forwarding
	gpon0/2/8	disable	disabledPort	200000	128	forwarding

Figure 4-9

4.5 LACP Configuration

LACP is the aggregation of multiple ports together to form an aggregation group to achieve traffic load sharing among member ports. When a link is unavailable, the link traffic will automatically switch to another link to ensure uninterrupted business traffic. An aggregation group is like a port.

4.5.1 Status Display

1. Click Config->Basic Service->LACP Configuration->Status Display
2. This page displays LACP configuration information.

System Management	Link Aggregation Status																																													
Port Management	Criteria: src-mac																																													
Basic Service	<table border="1"> <thead> <tr> <th>Group ID</th> <th>Enabled Ports</th> <th>Synchronized Ports</th> <th>Aggregator ID</th> <th>Status</th> </tr> </thead> <tbody> <tr><td>T0</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>T1</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>T2</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>T3</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>T4</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>T5</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>T6</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> <tr><td>T7</td><td>-</td><td>-</td><td>-</td><td>-</td></tr> </tbody> </table>	Group ID	Enabled Ports	Synchronized Ports	Aggregator ID	Status	T0	-	-	-	-	T1	-	-	-	-	T2	-	-	-	-	T3	-	-	-	-	T4	-	-	-	-	T5	-	-	-	-	T6	-	-	-	-	T7	-	-	-	-
Group ID	Enabled Ports	Synchronized Ports	Aggregator ID	Status																																										
T0	-	-	-	-																																										
T1	-	-	-	-																																										
T2	-	-	-	-																																										
T3	-	-	-	-																																										
T4	-	-	-	-																																										
T5	-	-	-	-																																										
T6	-	-	-	-																																										
T7	-	-	-	-																																										
VLAN Configuration																																														
Static VLAN																																														
VLAN Port																																														
IP and Route Config...																																														
Multicast																																														
STP Configuration																																														
LACP Configuration																																														
Status Display																																														

Figure 4-10

4.5.2 LACP Configuration

1. Click Config->Basic Service->LACP Configuration->LACP Configuration
2. This page configures LACP. Only ports with the same VLAN can be configured in the same group.

System Management	Link Aggregation Settings																											
Port Management	Criteria: src-mac																											
Basic Service	Apply																											
VLAN Configuration	<table border="1"> <thead> <tr> <th>Port</th> <th>Group ID</th> <th>LACP Mode</th> </tr> </thead> <tbody> <tr><td>e0/0/1</td><td>none</td><td>none</td></tr> <tr><td>e0/0/2</td><td>none</td><td>none</td></tr> <tr><td>e0/0/3</td><td>none</td><td>none</td></tr> <tr><td>e0/0/4</td><td>none</td><td>none</td></tr> <tr><td>e0/1/1</td><td>none</td><td>none</td></tr> <tr><td>e0/1/2</td><td>none</td><td>none</td></tr> <tr><td>e0/1/3</td><td>none</td><td>none</td></tr> <tr><td>e0/1/4</td><td>none</td><td>none</td></tr> </tbody> </table>	Port	Group ID	LACP Mode	e0/0/1	none	none	e0/0/2	none	none	e0/0/3	none	none	e0/0/4	none	none	e0/1/1	none	none	e0/1/2	none	none	e0/1/3	none	none	e0/1/4	none	none
Port	Group ID	LACP Mode																										
e0/0/1	none	none																										
e0/0/2	none	none																										
e0/0/3	none	none																										
e0/0/4	none	none																										
e0/1/1	none	none																										
e0/1/2	none	none																										
e0/1/3	none	none																										
e0/1/4	none	none																										
Static VLAN																												
VLAN Port																												
IP and Route Config...																												
Multicast																												
STP Configuration																												
LACP Configuration	Apply Reset																											
Status Display																												
LACP Configuration																												

Figure 4-11

4.5.3 Protocol Control

1. Click Config->Basic Service->LACP Configuration->Protocol Control
2. This page activates the LACP group and configures the port priority.

The screenshot displays the configuration interface for LACP. The left sidebar contains a navigation menu with the following items:

- System Management
- Port Management
- Basic Service (expanded)
- VLAN Configuration (expanded)
- Static VLAN
- VLAN Port
- IP and Route Config...
- Multicast
- STP Configuration
- LACP Configuration (expanded)
- Status Display
- LACP Configuration
- Protocol Control (selected)
- MAC Configuration
- SNMP Configuration
- DHCP Configuration
- Advanced Service
- ONT Management

The main content area is titled 'Link Aggregation Control Protocol' and includes the following settings:

System Priority:

Group ID	LACP Active
T0	<input checked="" type="checkbox"/>
T1	<input type="checkbox"/>
T2	<input type="checkbox"/>
T3	<input type="checkbox"/>
T4	<input type="checkbox"/>
T5	<input type="checkbox"/>
T6	<input type="checkbox"/>
T7	<input type="checkbox"/>

Port	Port Priority
*	<input type="text"/>
e0/0/1	<input type="text" value="128"/>
e0/0/2	<input type="text" value="128"/>
e0/0/3	<input type="text" value="128"/>
e0/0/4	<input type="text" value="128"/>
e0/1/1	<input type="text" value="128"/>
e0/1/2	<input type="text" value="128"/>
e0/1/3	<input type="text" value="128"/>
e0/1/4	<input type="text" value="128"/>
gpon0/2/1	<input type="text" value="128"/>

Figure 4-12

4.6 MAC Configuration

MAC configuration is used to add and delete port-MAC bind.

4.6.1 Port Binding Display

1. Click Config->Basic Service->MAC Configuration->Port Binding Display
2. This page displays port-MAC binding status information.

Port-MAC Binding Outline			
Port	Port-MAC Binding	Port	Port-MAC Binding
e0/0/1	disable	e0/0/2	disable
e0/0/3	disable	e0/0/4	disable
e0/1/1	disable	e0/1/2	disable
e0/1/3	disable	e0/1/4	disable
gpon0/2/1	disable	gpon0/2/2	disable
gpon0/2/3	disable	gpon0/2/4	disable
gpon0/2/5	disable	gpon0/2/6	disable
gpon0/2/7	disable	gpon0/2/8	disable

Figure 4-13

4.6.2 Port Binding Configuration

1. Click Config->Basic Service->MAC Configuration->Port Binding Configuration
2. This page can configure port-MAC binding

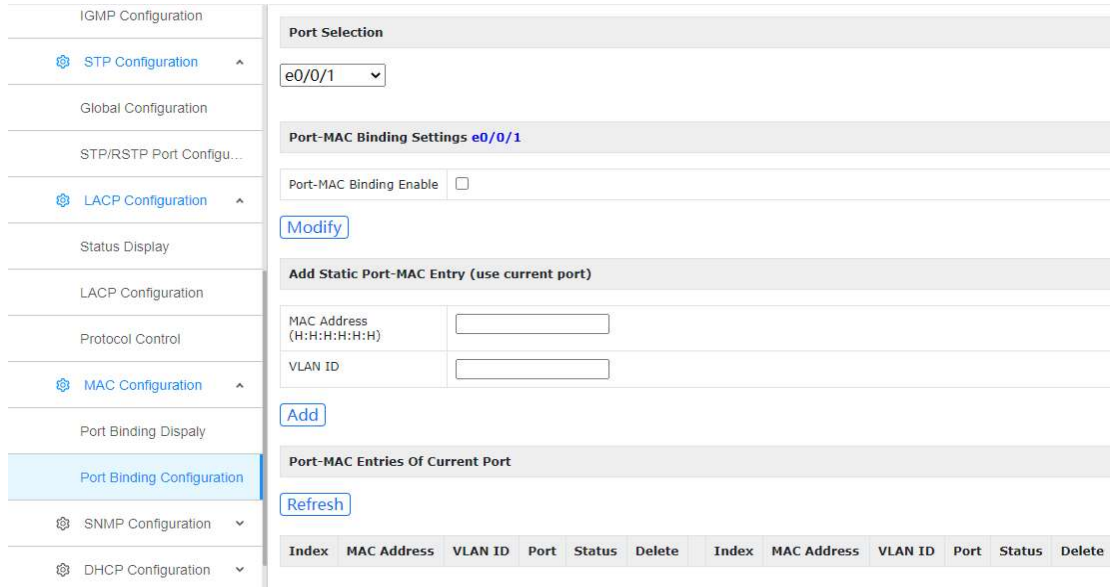


Figure 4-14

4.7 SNMP Configuration

SNMP (Simple Network Management Protocol) is a network management standard based on the TCP/IP protocol suite, and is a standard protocol for managing network nodes in an IP network.

4.7.1 Community Configuration

1. Click Config->Basic Service->MAC Configuration->Port Binding Configuration
2. This page configures the SNMP community name (the default is iso).

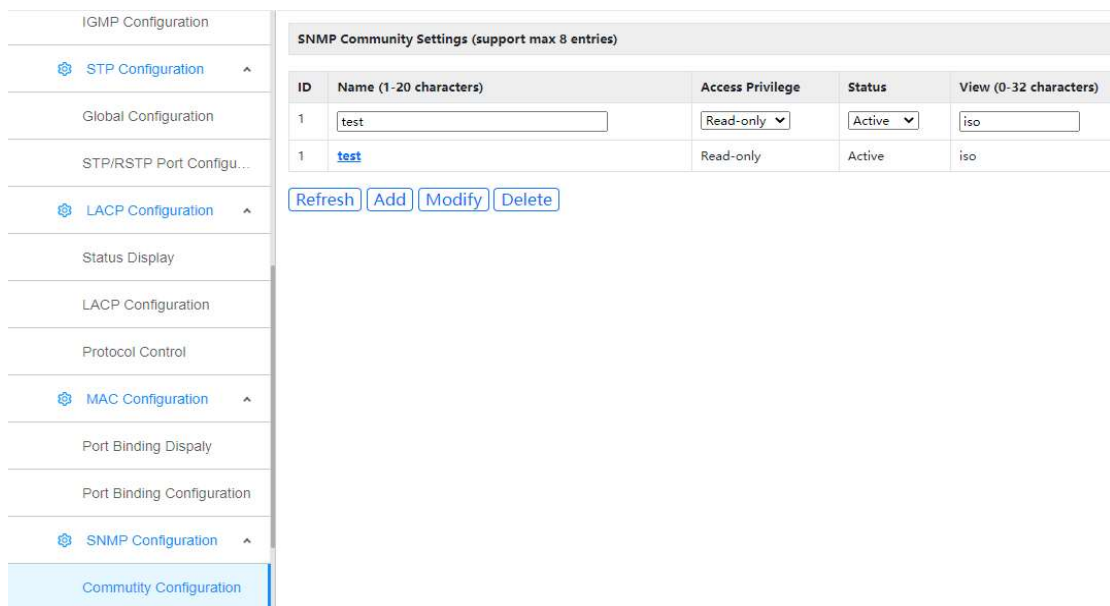


Figure 4-15

4.7.2 Trap Configuration

1. Click Config->Basic Service->SNMP Configuration->Trap Configuration
2. This page configures the Trap.

ID (support max 8 entries)	Trap Target IP Address	Community (1-20 characters)	SNMP Version
1	1.1.1.2	test	v2
1	1.1.1.2	test	v2

Figure 4-16

4.8 DHCP Configuration

4.8.1 DHCP Snooping

1. Click Config->Basic Service->DHCP Configuration->DHCP Snooping->DHCP snooping Setting
2. This page configures DHCP snooping, option82, trust port, etc. After enabling DHCP snooping, the trust port must be configured.

VLAN Port

IP and Route Config... ▼

Multicast ▼

STP Configuration ▼

LACP Configuration ▲

Status Display

LACP Configuration

Protocol Control

MAC Configuration ▲

Port Binding Display

Port Binding Configuration

SNMP Configuration ▲

Community Configuration

Trap Configuration

DHCP Configuration ▲

DHCP Snooping

DHCP Snooping Trust Port Settings

Dhcp-snooping Enable	enable ▼
Option82 Control	enable ▼

[Refresh](#) [Modify](#)

Port	Trust
e0/0/1	<input checked="" type="checkbox"/>
e0/0/2	<input checked="" type="checkbox"/>
e0/0/3	<input type="checkbox"/>
e0/0/4	<input type="checkbox"/>
e0/1/1	<input type="checkbox"/>
e0/1/2	<input type="checkbox"/>
e0/1/3	<input type="checkbox"/>
e0/1/4	<input type="checkbox"/>
gpon0/2/1	<input type="checkbox"/>
gpon0/2/2	<input type="checkbox"/>
gpon0/2/3	<input type="checkbox"/>
gpon0/2/4	<input type="checkbox"/>
gpon0/2/5	<input type="checkbox"/>
gpon0/2/6	<input type="checkbox"/>
gpon0/2/7	<input type="checkbox"/>
gpon0/2/8	<input type="checkbox"/>

[Refresh](#) [Apply](#)

Figure 4-17

4.8.2 IP-Mac Binding

1. Click Config->Basic Service->DHCP Configuration->IP-Mac Binding
2. This page configures the IP and MAC binding function, this function needs to be used with DHCP snooping.

Figure 4-18

4.8.3 DHCP Server&Relay

1. Click Config->Basic Service->DHCP configuration->DHCP Server&Relay
2. This page configures DHCP server and relay.

Figure 4-19

Chapter 5 Advance Service

Advanced services include configuration of system time and time server.

5.1 System Time

1. Click Config->Advance Service->System Time
2. This page configures the system time and time zone, you can synchronize the local computer time

The screenshot shows a web interface for configuring system time and time zone. On the left is a navigation menu with the following items: System Management, Port Management, Basic Service, Advanced Service (expanded), System Time (selected), DNS Client, SNTP, Access List, ONT Management, and ONT Profile Management. The main content area is divided into two sections: 'System Clock Setting' and 'Timezone Setting'. The 'System Clock Setting' section displays the current system time as 'Sun 2000/02/27 05:43:31 UTC +08:00'. It includes input fields for 'New Date' (containing '2021/1/1') and 'New Time' (containing '13:55:53'), each with a 'Get From PC' button. Below these fields are 'Config' and 'Refresh' buttons. The 'Timezone Setting' section features a 'Select Timezone' dropdown menu currently set to '(UTC+08:00) Beijing, Chongqing, Hong Kong, Urumqi', with 'Config' and 'Refresh' buttons below it.

Figure 5-1

5.2 DNS Client

1. Click Config->Advance Service->DNS Client
2. This page configures the IP and domain name of the time server (need to be configured in unicast mode).

System Management ^	DNS Client Configure
System Information	Name Server IP Address <input type="text" value="0.0.0.0"/>
Web Timeout	Config
User Management v	Domain Name Lookup
Port Management v	Domain Name <input type="text"/>
Basic Service v	IP Address <input type="text"/>
Advance Service ^	Lookup
System Time	
DNS Client	
SNTP	

Figure 5-2

5.3 SNTP

1. Click Config->Advance Service->SNTP
2. This page configures the SNTP.

System Management v	SNTP Client				
Port Management v	Client Enable <input checked="" type="checkbox"/>				
Basic Service v	Client Mode <input type="text" value="multicast"/>				
Advanced Service ^	Refresh Apply				
System Time	Valid Server List				
DNS Client	Any server will be accepted if empty configuration.				
SNTP	<table border="1"> <thead> <tr> <th>Server IP</th> <th>Mask</th> </tr> </thead> <tbody> <tr> <td><input type="text"/></td> <td><input type="text"/></td> </tr> </tbody> </table>	Server IP	Mask	<input type="text"/>	<input type="text"/>
Server IP	Mask				
<input type="text"/>	<input type="text"/>				
Access List v	Add Del DelAll				

Figure 5-3

5.4 Access List

5.4.1 Classifier

1. Click Config->Advance Service->Access List->Classifier
2. This page configures the ACL Classifier.

- System Management
- Port Management
- Basic Service
- Advanced Service
- System Time
- DNS Client
- SNTP
- Access List
- Classifier
- Policy
- ONT Management
- ONT Profile Management

Named ACL Classifier

Active

Name

Layer 2	VLAN	<input checked="" type="radio"/> Any <input type="radio"/> <input type="text"/>
	Priority	<input checked="" type="radio"/> Any <input type="radio"/> 0 <input type="text"/>
	Ethernet Type	<input checked="" type="radio"/> All <input type="text"/> <input type="radio"/> Others <input type="text"/> (Hex)
	Source	MAC Address <input checked="" type="radio"/> Any <input type="radio"/> MAC <input style="width: 100px;" type="text"/> : <input style="width: 100px;" type="text"/> : <input style="width: 100px;" type="text"/> : <input style="width: 100px;" type="text"/> : <input style="width: 100px;" type="text"/> : <input style="width: 100px;" type="text"/>
Layer 3/4	Destination	MAC Address <input checked="" type="radio"/> Any <input type="radio"/> MAC <input style="width: 100px;" type="text"/> : <input style="width: 100px;" type="text"/> : <input style="width: 100px;" type="text"/> : <input style="width: 100px;" type="text"/> : <input style="width: 100px;" type="text"/> : <input style="width: 100px;" type="text"/>
	DSCP	<input checked="" type="radio"/> Any <input type="radio"/> <input type="text"/>
	IP Protocol	<input checked="" type="radio"/> All <input type="text"/> <input type="checkbox"/> Establish Only <input type="radio"/> Others <input type="text"/> (Dec)
	Source	IP Address / Address Prefix <input style="width: 100px;" type="text"/> / <input style="width: 100px;" type="text"/>
Layer 3/4	Destination	IP Address / Address Prefix <input style="width: 100px;" type="text"/> / <input style="width: 100px;" type="text"/>
	L4 Port Number	<input checked="" type="radio"/> Any <input type="radio"/> <input type="text"/>
	L4 Port Number	<input checked="" type="radio"/> Any <input type="radio"/> <input type="text"/>
	L4 Port Number	<input checked="" type="radio"/> Any <input type="radio"/> <input type="text"/>

Index	Active	Name:SubItem	Rule
<input type="button" value="Delete"/> <input type="button" value="Cancel"/>			

Figure 5-4

5.4.2 Policy

1. Click Config->Advance Service->Access List->Policy
2. This page configures the ACL Policy.

- System Management
- Port Management
- Basic Service
- Advanced Service
- System Time
- DNS Client
- SNTP
- Access List
- Classifier
- Policy
- ONT Management
- ONT Profile Management

Named ACL Policy

Active

Name

Classifier(s)

Parameters	General		Bandwidth	Rate Limit
Egress Port	1			Kbps
Priority	0			
DSCP				
TOS	0			

Forwarding

No change
 Discard the packet

Priority

No change
 Set the packet's 802.1p priority and send the packet to priority queue

Diffserv

No change
 Set the packet's TOS field
 Set the Diffserv Codepoint field in the frame

Outgoing

Send the packet to the egress port

Rate Limit

Enable

Index	Active	Name	Classifier(s)
<input type="button" value="Delete"/> <input type="button" value="Cancel"/>			

Figure 5-5

Chapter 6 ONT Management

6.1 Auto Find

1. Click Config->ONT Management->ONT Find
2. This page configures the ONT auto find function.

Port	Auto Find	Interval(s)	List Age	Age Time(s)	Min Distance(km)	Max Distance(km)
gpon0/2/1	on	20	off	300	0	20
gpon0/2/2	on	20	off	300	0	20
gpon0/2/3	on	20	off	300	0	20
gpon0/2/4	on	20	off	300	0	20
gpon0/2/5	on	20	off	300	0	20
gpon0/2/6	on	20	off	300	0	20
gpon0/2/7	on	20	off	300	0	20
gpon0/2/8	on	20	off	300	0	20

Figure 6-1

6.2 Auto Config

1. Click Config->ONT Management->Auto Config
2. This page configures the ONT auto create rule profile and registration.

Index	Name	Equipment ID	Line Profile
0		all-ont	auto

Index	Name	Equipment ID	Line Profile	Delete
1		all-ont	0	no

Figure 6-2

6.3 Silent

1. Click Config->ONT Management->Silent
2. This page configures the ONT silent function of failed authentication and offline.

<ul style="list-style-type: none"> System Management Port Management Basic Service Advanced Service <li style="background-color: #e0f0ff;">ONT Management Auto Find Auto Config Silent FEC 	<div style="background-color: #f0f0f0; padding: 2px;">ONT Silent Configuration</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Port</th> <th style="text-align: left;">Auth-Fail Switch</th> <th style="text-align: left;">Auth-Fail Time(s)</th> <th style="text-align: left;">Offline Switch</th> <th style="text-align: left;">Offline Time(s)</th> </tr> </thead> <tbody> <tr> <td>gpon0/2/1</td> <td>on</td> <td>60</td> <td>off</td> <td>20</td> </tr> <tr> <td>gpon0/2/2</td> <td>on</td> <td>5</td> <td>on</td> <td>30</td> </tr> <tr> <td>gpon0/2/3</td> <td>off</td> <td>60</td> <td>off</td> <td>20</td> </tr> <tr> <td>gpon0/2/4</td> <td>off</td> <td>60</td> <td>off</td> <td>20</td> </tr> <tr> <td>gpon0/2/5</td> <td>off</td> <td>60</td> <td>off</td> <td>20</td> </tr> <tr> <td>gpon0/2/6</td> <td>off</td> <td>60</td> <td>off</td> <td>20</td> </tr> <tr> <td>gpon0/2/7</td> <td>off</td> <td>60</td> <td>off</td> <td>20</td> </tr> <tr> <td>gpon0/2/8</td> <td>off</td> <td>60</td> <td>off</td> <td>20</td> </tr> </tbody> </table> <div style="margin-top: 5px;"> Apply Reset </div>	Port	Auth-Fail Switch	Auth-Fail Time(s)	Offline Switch	Offline Time(s)	gpon0/2/1	on	60	off	20	gpon0/2/2	on	5	on	30	gpon0/2/3	off	60	off	20	gpon0/2/4	off	60	off	20	gpon0/2/5	off	60	off	20	gpon0/2/6	off	60	off	20	gpon0/2/7	off	60	off	20	gpon0/2/8	off	60	off	20
Port	Auth-Fail Switch	Auth-Fail Time(s)	Offline Switch	Offline Time(s)																																										
gpon0/2/1	on	60	off	20																																										
gpon0/2/2	on	5	on	30																																										
gpon0/2/3	off	60	off	20																																										
gpon0/2/4	off	60	off	20																																										
gpon0/2/5	off	60	off	20																																										
gpon0/2/6	off	60	off	20																																										
gpon0/2/7	off	60	off	20																																										
gpon0/2/8	off	60	off	20																																										

Figure 6-3

6.4 FEC

1. Click Config->ONT Management->FEC
2. This page configures the GPON port downstream FEC switch.

<ul style="list-style-type: none"> System Management Port Management Basic Service Advanced Service <li style="background-color: #e0f0ff;">ONT Management Auto Find Auto Config Silent <li style="background-color: #e0f0ff;">FEC 	<div style="background-color: #f0f0f0; padding: 2px;">ONT FEC Configuration</div> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Port</th> <th style="text-align: left;">FEC</th> </tr> </thead> <tbody> <tr> <td>gpon0/2/1</td> <td>on</td> </tr> <tr> <td>gpon0/2/2</td> <td>off</td> </tr> <tr> <td>gpon0/2/3</td> <td>off</td> </tr> <tr> <td>gpon0/2/4</td> <td>off</td> </tr> <tr> <td>gpon0/2/5</td> <td>off</td> </tr> <tr> <td>gpon0/2/6</td> <td>off</td> </tr> <tr> <td>gpon0/2/7</td> <td>off</td> </tr> <tr> <td>gpon0/2/8</td> <td>off</td> </tr> </tbody> </table> <div style="margin-top: 5px;"> Apply Reset </div>	Port	FEC	gpon0/2/1	on	gpon0/2/2	off	gpon0/2/3	off	gpon0/2/4	off	gpon0/2/5	off	gpon0/2/6	off	gpon0/2/7	off	gpon0/2/8	off
Port	FEC																		
gpon0/2/1	on																		
gpon0/2/2	off																		
gpon0/2/3	off																		
gpon0/2/4	off																		
gpon0/2/5	off																		
gpon0/2/6	off																		
gpon0/2/7	off																		
gpon0/2/8	off																		

Figure 6-4

6.5 Deactive

1. Click Config->ONT Management->Deactive
2. This page configures batch deactive the ONTs.

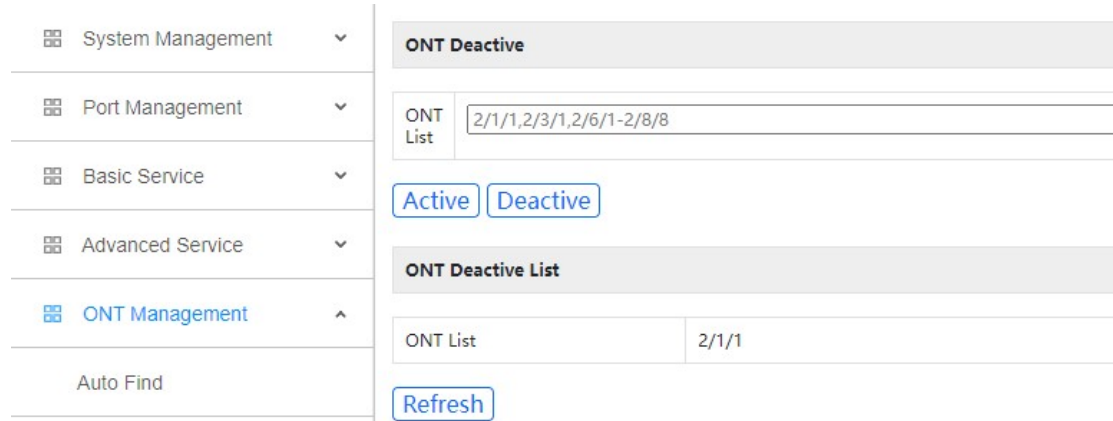


Figure 6-5

6.5 Protect Switch

1. Click Config->ONT Management->Protect Switch
2. This page configures pon protect function, and only support type B.

- System Management ▾
- Port Management ▾
- Basic Service ▾
- Advanced Service ▾
- ONT Management ▲
- Auto Find
- Auto Config
- Silent
- FEC
- Deactive
- Protect Switch

Protect Switch Group Configure

Index	Work Port	Protect Port
0 ▾	gpon0/2/1 ▾	gpon0/2/1 ▾

[Apply](#)
[Reset](#)

Protect Switch Group Force Switch

Index

0 ▾

[Apply](#)
[Reset](#)

Protect Switch Group List

Index	Work Port	Work State	Protect Port	Protect State	Delete
0	gpon0/2/7	ACTIVE	gpon0/2/8	STANDBY	no ▾

[Refresh](#)
[Delete](#)
[Delete All](#)

Figure 6-6

Chapter 7 ONT Profile Management

7.1 DBA Profile

1. Click Config->ONT Profile Management->DBA Profile
2. This page configures the DBA profile.

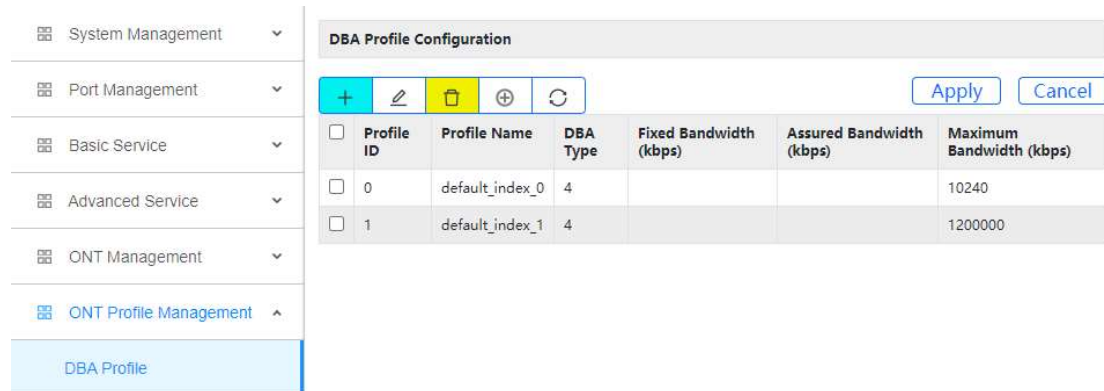


Figure 7-1

7.2 Upstream Profile

1. Click Config->ONT Profile Management->Upstream Profile
2. This page configures the upstream profile.

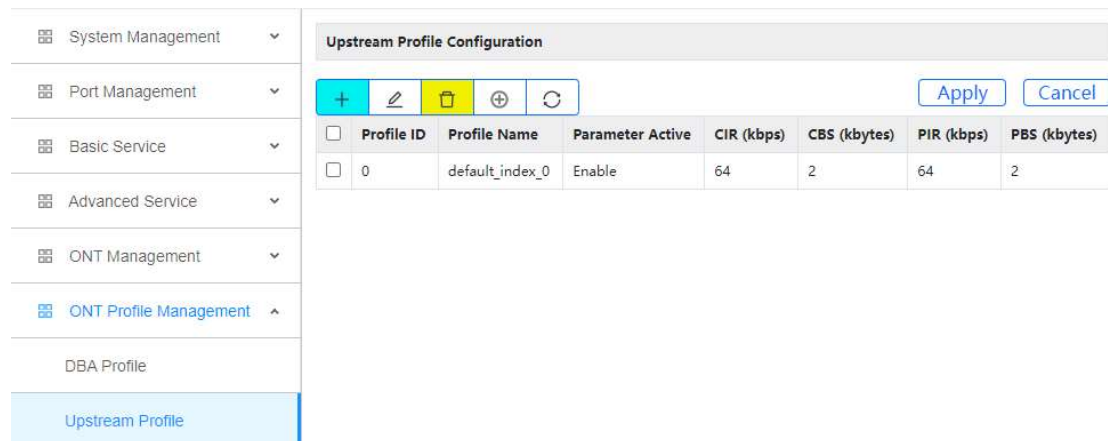


Figure 7-2

7.3 Downstream Profile

1. Click Config->ONT Profile Management->Downstream Profile
2. This page configures the downstream profile.

System Management	ONU[epon0/2/1:1] Configure Back To ONU List
Port Management	Bandwidth Configure IP Address Port VLAN Stp PPPOE WIFI CATV
Basic Service	ONU[epon0/2/1:1] IP Address Configuration
Advanced Service	IP Address: <input type="text" value="192.168.1.1"/>
EPON Management	Mask: <input type="text" value="255.255.255.0"/>
ONU Management	Gate: <input type="text" value="0.0.0.0"/>
ONU List	Customer VLAN: <input type="text" value="1"/>
Binding Operation	Service VLAN: <input type="text" value="0"/>
Bandwidth Control	Priority: <input type="text" value="5"/>
ONU Profile Management	Refresh Config

Figure 7-3

7.4 VLAN Profile

1. Click Config->ONT Profile Management->VLAN Profile
2. This page configures add, modify and delete VLAN profile.

System Management	VLAN Profile Configuration																
Port Management	<input type="button" value="+"/> <input type="button" value="✎"/> <input type="button" value="🗑️"/> <input type="button" value="⊕"/> <input type="button" value="🔄"/> Apply Cancel																
Basic Service	<table border="1"> <thead> <tr> <th><input type="checkbox"/></th> <th>Profile ID</th> <th>Profile Name</th> <th>Detail</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/></td> <td>0</td> <td>default_index_0</td> <td>🔍</td> </tr> <tr> <td><input type="checkbox"/></td> <td>1</td> <td>default_index_1</td> <td>🔍</td> </tr> <tr> <td><input type="checkbox"/></td> <td>2</td> <td>default_index_2</td> <td>🔍</td> </tr> </tbody> </table>	<input type="checkbox"/>	Profile ID	Profile Name	Detail	<input type="checkbox"/>	0	default_index_0	🔍	<input type="checkbox"/>	1	default_index_1	🔍	<input type="checkbox"/>	2	default_index_2	🔍
<input type="checkbox"/>	Profile ID	Profile Name	Detail														
<input type="checkbox"/>	0	default_index_0	🔍														
<input type="checkbox"/>	1	default_index_1	🔍														
<input type="checkbox"/>	2	default_index_2	🔍														
Advanced Service																	
ONT Management																	
ONT Profile Management																	
DBA Profile																	
Upstream Profile																	
Downstream Profile																	
VLAN Profile																	

Figure 7-4

7.4.1 VLAN Profile Configuration

1. Click Config->ONT Profile Management->VLAN Profile->Detail
2. This page configures the VLAN profile.

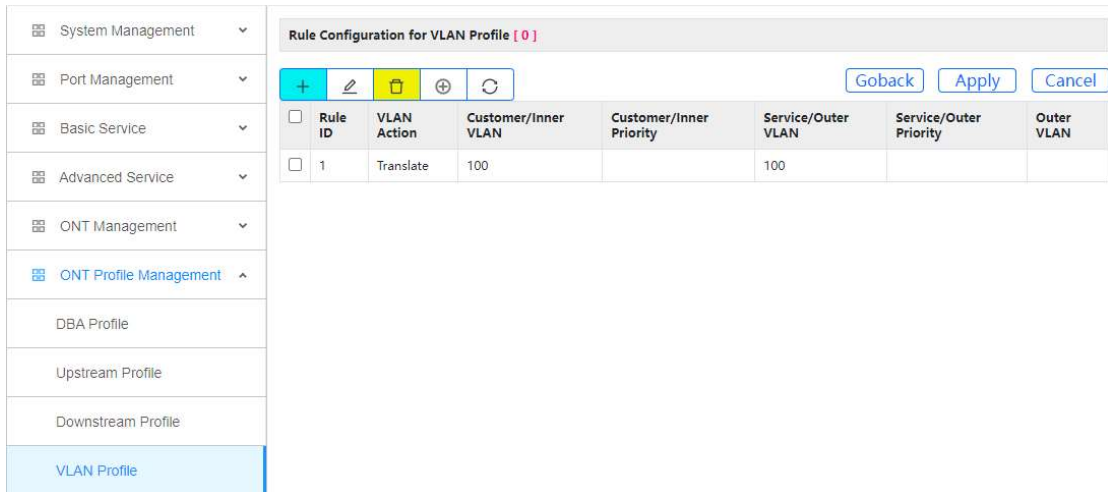


Figure 7-5

7.5 Line Profile

1. Click Config->ONT Profile Management->Line Profile
2. This page configures add, modify and delete line profile.

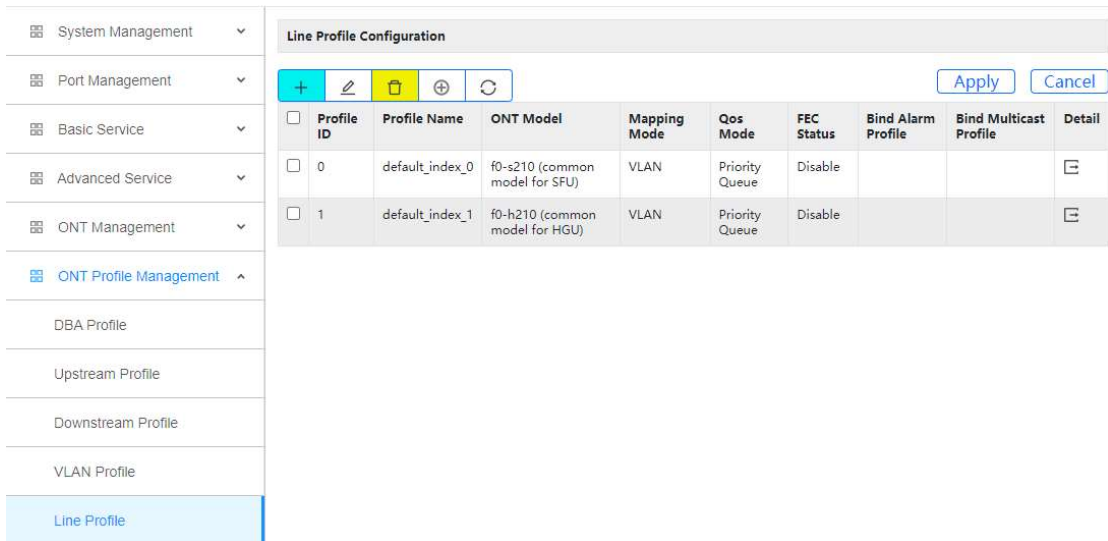


Figure 7-6

7.5.1 T-CONT

1. Click Config->ONT Profile Management->Line Profile->Detail->T-CONT Configuration
2. This page configures the T-CONT and bind DBA profile.

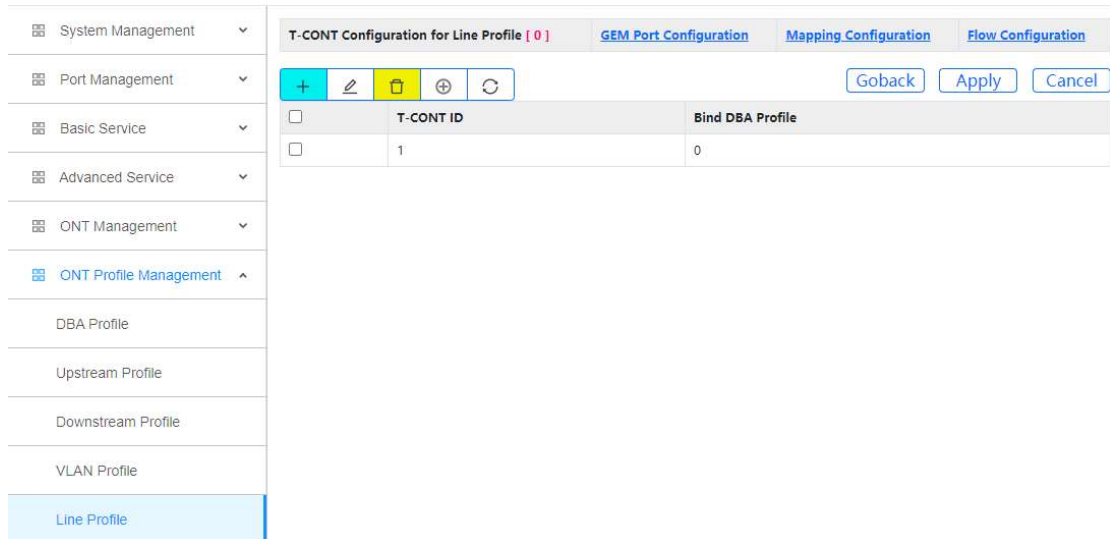


Figure 7-7

7.5.2 GEM Port Configuration

1. Click Config->ONT Profile Management->Line Profile->Detail->GEM Port Configuration
2. This page configures the GEM port and bind T-CONT.

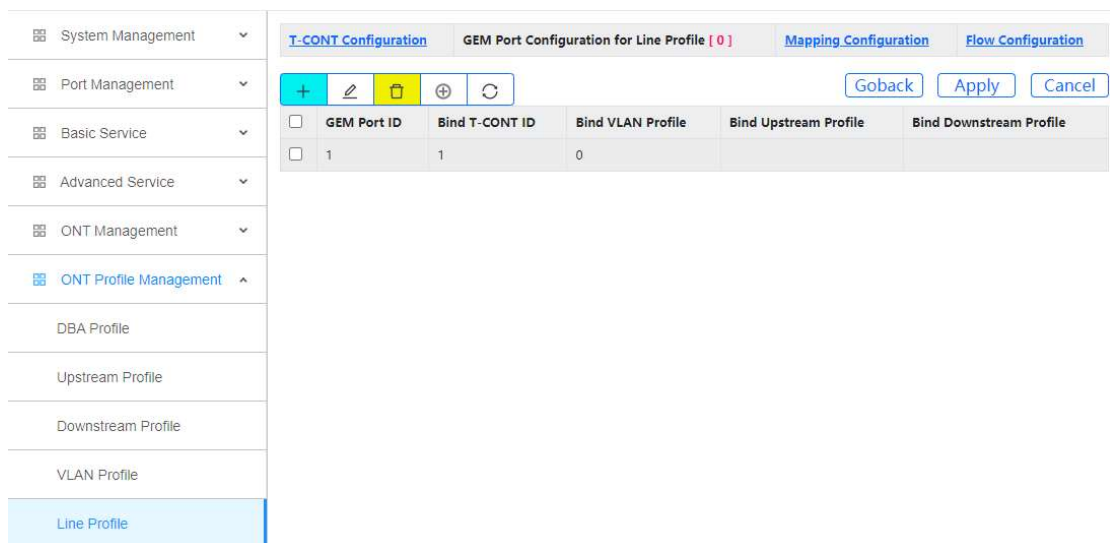


Figure 7-8

7.5.3 Mapping Configuration

1. Click Config->ONT Profile Management->Line Profile->Detail->Mapping Configuration
2. This page configures the GEM port mapping.

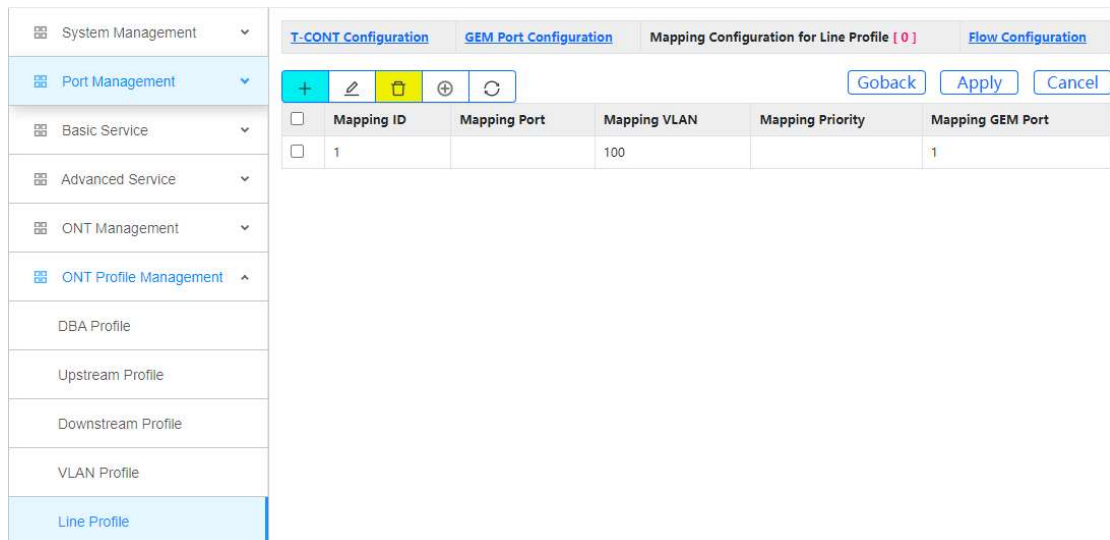


Figure 7-9

7.5.4 Flow Configuration

1. Click Config->ONT Profile Management->Line Profile->Detail->Flow Configuration
2. This page configures the ONT ethernet flow.

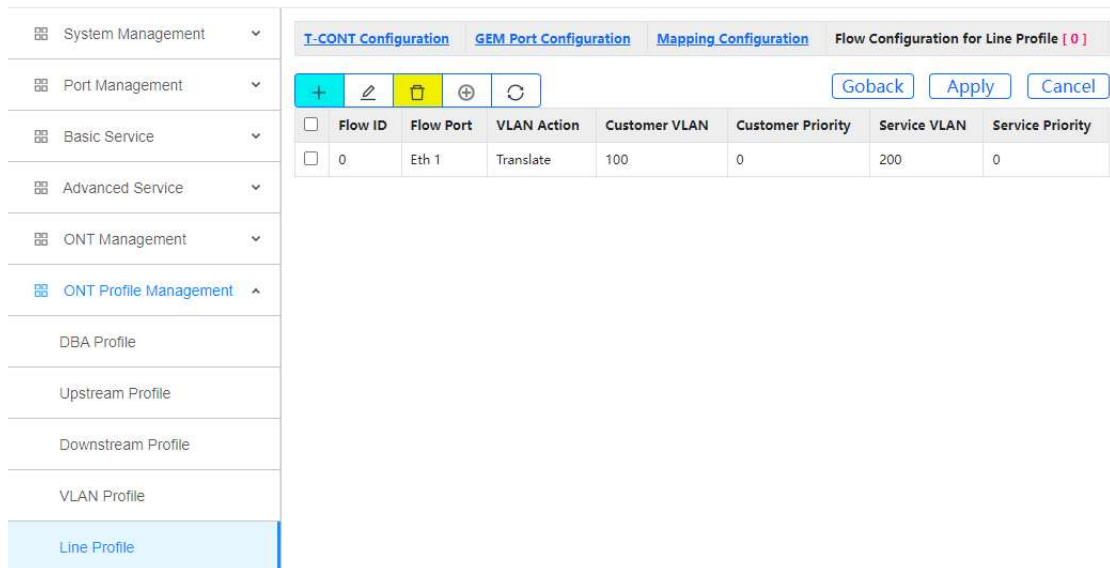


Figure 7-10

7.6 Rule Profile

1. Click Config->ONT Profile Management->Rule Profile
2. This page configures add, modify, and delete rule profile.

- System Management ▾
- Port Management ▾
- Basic Service ▾
- Advanced Service ▾
- ONT Management ▾
- ONT Profile Management ▲
- DBA Profile
- Upstream Profile
- Downstream Profile
- VLAN Profile
- Line Profile
- Rule Profile

Rule Profile Configuration

+
✎
✖
⊕
↻

Apply
Cancel

<input type="checkbox"/>	Profile ID	Profile Name	Auth Mode	SN/LOID	Password/Checkcode	Line Profile
<input type="checkbox"/>	2/1/1	AUTO_ONT_2/1/1	SN	GPON-00aa5199		1
<input type="checkbox"/>	2/1/2	AUTO_ONT_2/1/2	SN	STGU-0c800c92		1
<input type="checkbox"/>	2/2/1	AUTO_ONT_2/2/1	SN	STGU-0c800c92		0
<input type="checkbox"/>	2/2/2	AUTO_ONT_2/2/2	SN	GPON-00aa5199		0
<input type="checkbox"/>	2/2/3	AUTO_ONT_2/2/3	SN	GPTF-00ed6885		0
<input type="checkbox"/>	2/6/1	AUTO_ONT_2/6/1	SN	GPON-00aa5199		1
<input type="checkbox"/>	2/6/2	AUTO_ONT_2/6/2	SN	STGU-0c800c92		1

Figure 7-11

Chapter 8 Maintain

8.1 Software Upgrading

1. Click Maintain->Software Upgrading
2. This page upgrades the OLT version. You can choose to upgrade the boot and host files. After the upgrade, restart the OLT to take effect.

Software update	
Host Software Version	V1.01.B00
Version Release Time	Tue Mar 1 21:01:24 CST 2022
Bootrom Version	V1.0
Please Select Bootrom File	<input type="button" value="选择文件"/> <input type="button" value="未选择文件"/>
Please Select Host File	<input type="button" value="选择文件"/> <input type="button" value="未选择文件"/>
<input type="checkbox"/> Restart after update success	

Figure 8-1

8.2 Configuration Operation

Configuration operations include upload, download and save configuration.

8.2.1 Configuration Update

1. Click Maintain->Configuration Operation->Configuration Update
2. This page uploads the configuration file to the OLT and saves the configuration file from the device to the PC.

Config File Update	
Select Config File	<input type="button" value="选择文件"/> <input type="button" value="未选择文件"/>
Save Config File	<input type="button" value="Save Config File"/>

Figure 8-2

8.2.2 Configuration Save

1. Click Maintain->Configuration Operation->Configuration Save
2. This page saves the OLT configuration file to the flash.

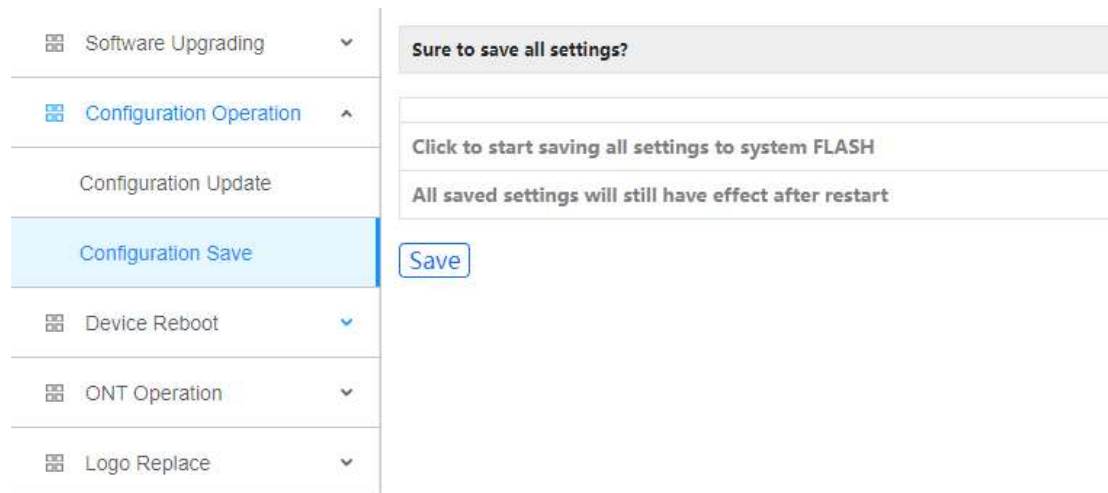


Figure 8-3

8.3 Device Reboot

1. Click Maintain->Device Reboot
2. This page restarts the OLT.

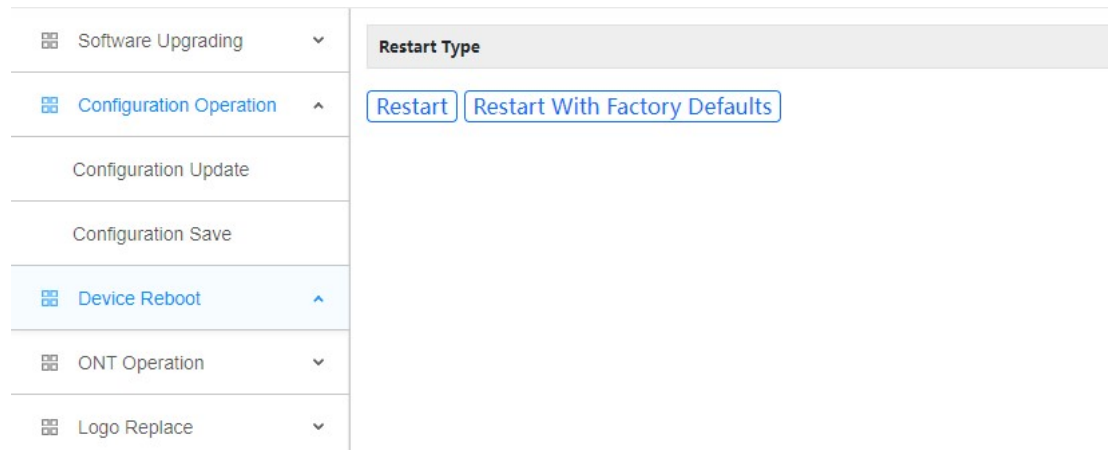


Figure 8-4

8.4 ONT Operation

ONU operations include upgrade the ONT and restart the ONT.

8.4.1 Software Upgrade

1. Click Maintain->ONT Operation->Software Upgrade
2. This page configures ONT batch upgrade. The ONT upgrade file must be uploaded to the OLT, and then the matching ONT will be upgraded by the OLT.

Figure 8-5

8.4.4 Upgrade Progress

1. Click Maintain->ONT Operation->Upgrade Progress
2. This page displays the upgrade progress of all ONTs.

Port	ONT	Main Software Version	Secondary Software Version	Result	Progress	Schedule
gpon0/2/2	3	V1.0.1	N/A	loading	38%	Stop

Figure 8-6

8.4.5 Configuration Load

1. Click Maintain->ONT Operation->Configuration Load
2. This page configures ONT XML configuration file load. The information is defined in a vendor-specific deployment descriptor.

Figure 8-7

8.4.4 Load Progress

1. Click Maintain->ONT Operation->Load Progress
2. This page displays the XML configuration file load progress of all ONTs.

Port	ONT	Main Software Version	Secondary Software Version	Result	Progress
Refresh					

Figure 8-8

8.4.5 ONT Reboot

1. Click Maintain->ONT Operation->Reboot
2. This page restarts a single ONT or batches of ONTs.

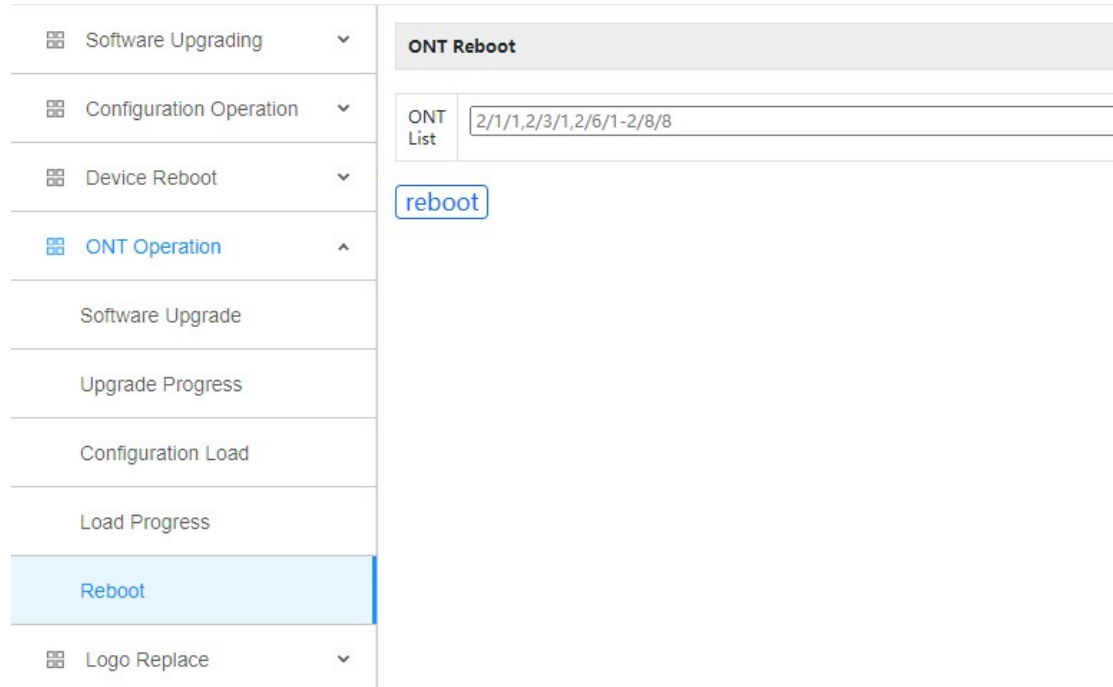


Figure 8-9

8.5 Logo Replace

1. Maintain->Logo Replace
2. This page replaces the logo information of the WEB page. After uploading the new logo, restart the browser and clear the cache.

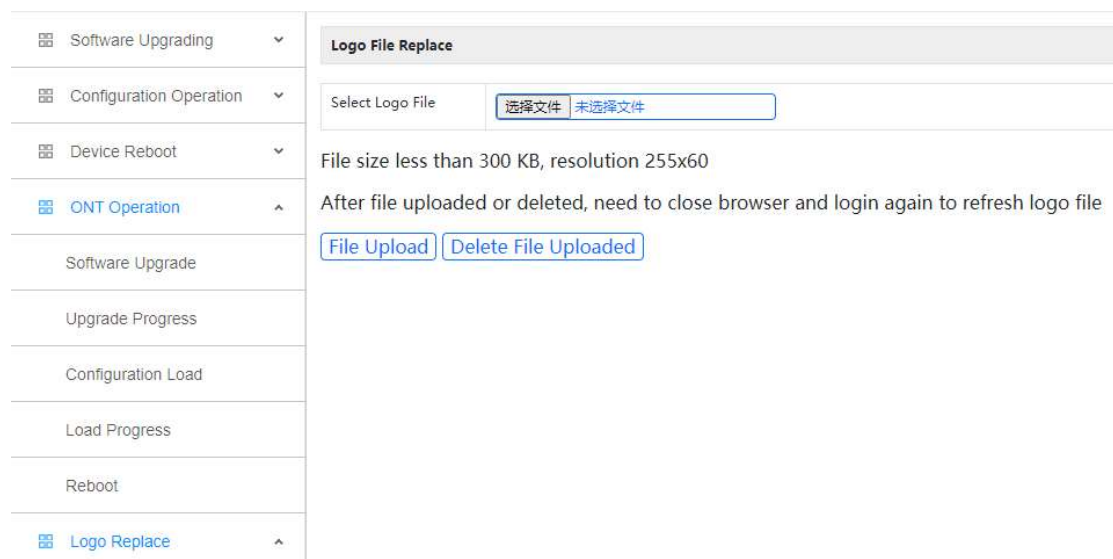


Figure 8-10