

SWTICH WEB
USER MANUAL

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Chapter 1 Monitor

1.1 System Information

1.1.1 LoginSwitch

The default management address of the Switch 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 Switch. The default user name and password are admin/admin.

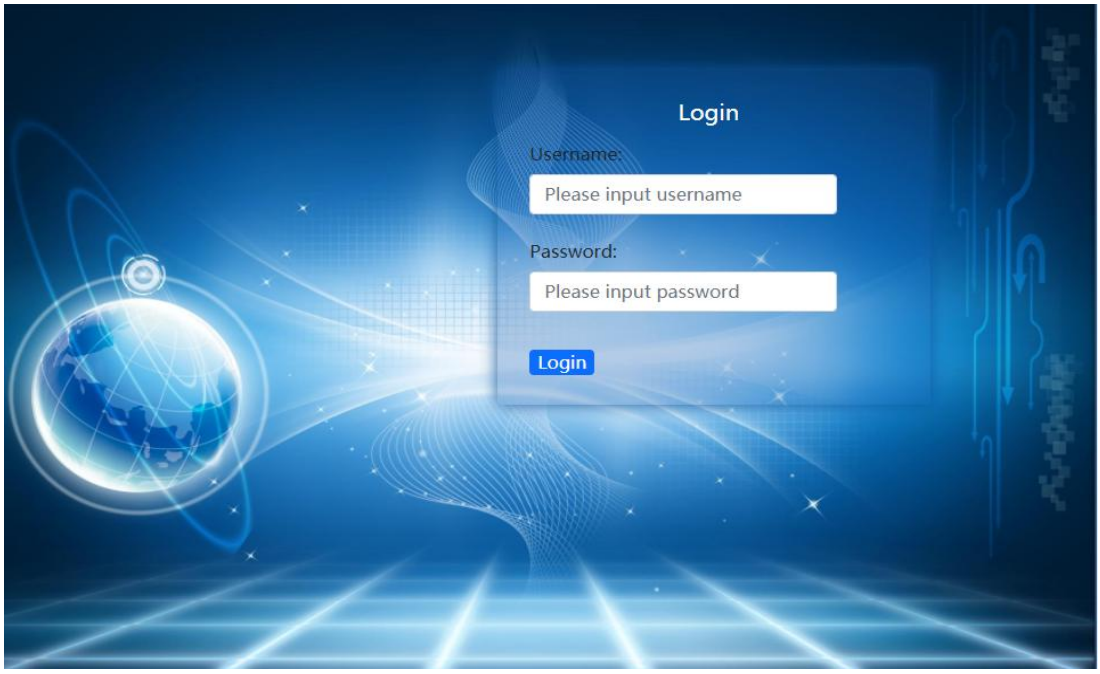


Figure 1-1

1.1.2 Device Information

1.Click Monitor-> System Information-> Device Information

2. This page displays information such as device description, hardware version, software version, and MAC address.

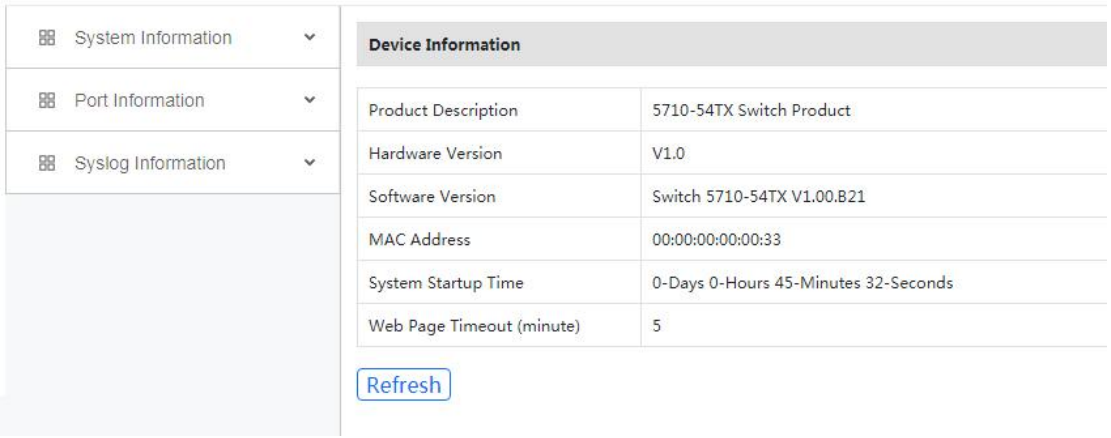


Figure 1-2

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.

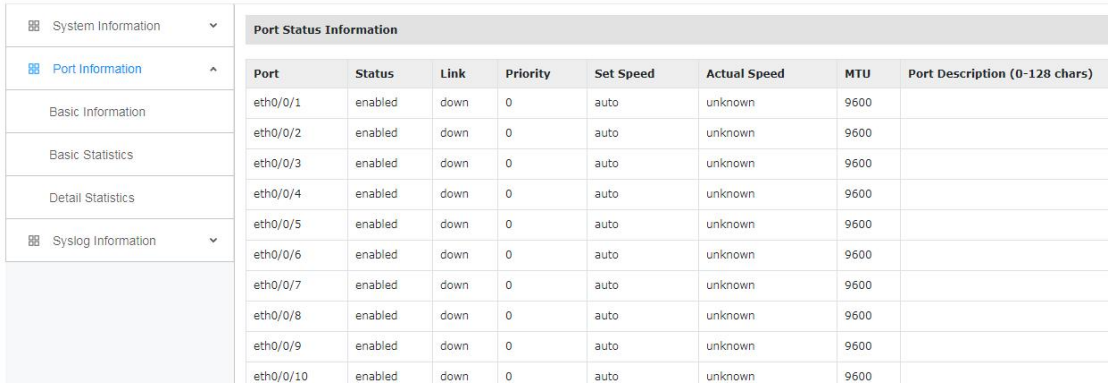
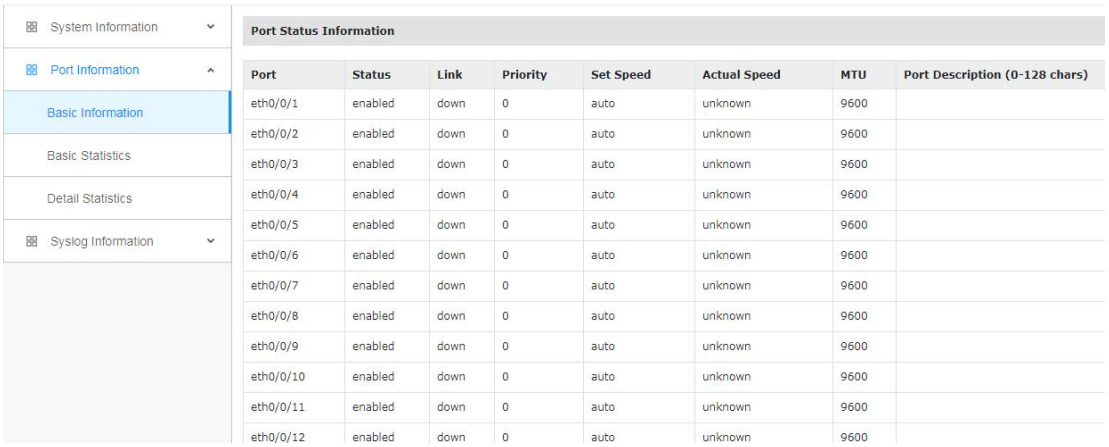


Figure 1-3

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.



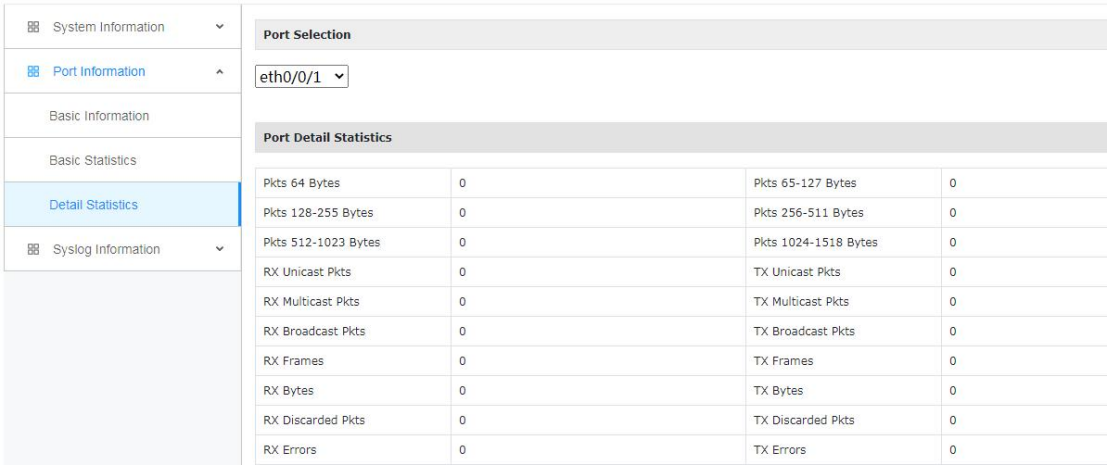
Port	Status	Link	Priority	Set Speed	Actual Speed	MTU	Port Description (0-128 chars)
eth0/0/1	enabled	down	0	auto	unknown	9600	
eth0/0/2	enabled	down	0	auto	unknown	9600	
eth0/0/3	enabled	down	0	auto	unknown	9600	
eth0/0/4	enabled	down	0	auto	unknown	9600	
eth0/0/5	enabled	down	0	auto	unknown	9600	
eth0/0/6	enabled	down	0	auto	unknown	9600	
eth0/0/7	enabled	down	0	auto	unknown	9600	
eth0/0/8	enabled	down	0	auto	unknown	9600	
eth0/0/9	enabled	down	0	auto	unknown	9600	
eth0/0/10	enabled	down	0	auto	unknown	9600	
eth0/0/11	enabled	down	0	auto	unknown	9600	
eth0/0/12	enabled	down	0	auto	unknown	9600	

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.



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

Chapter 2 System Management
System OEM information modification and user management, etc.

2.1 System Information

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

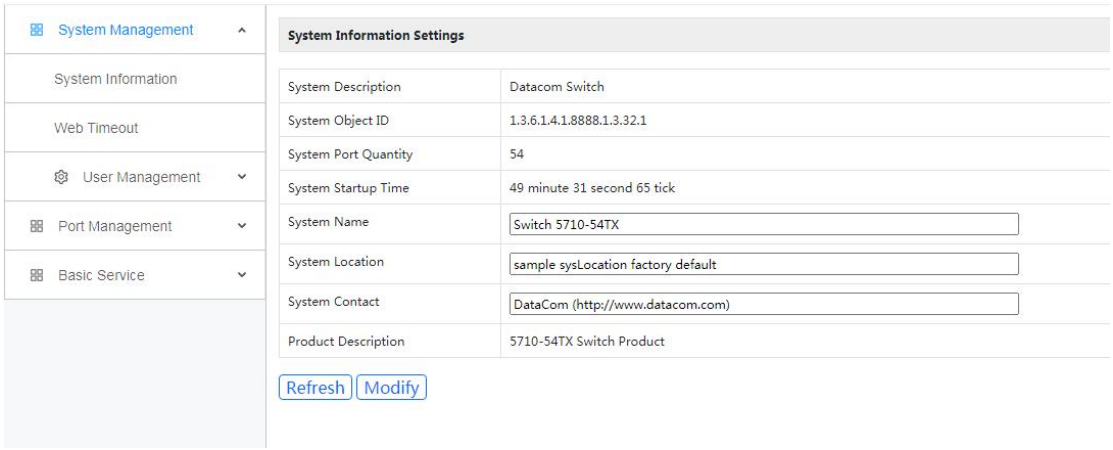


Figure 2-1

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.

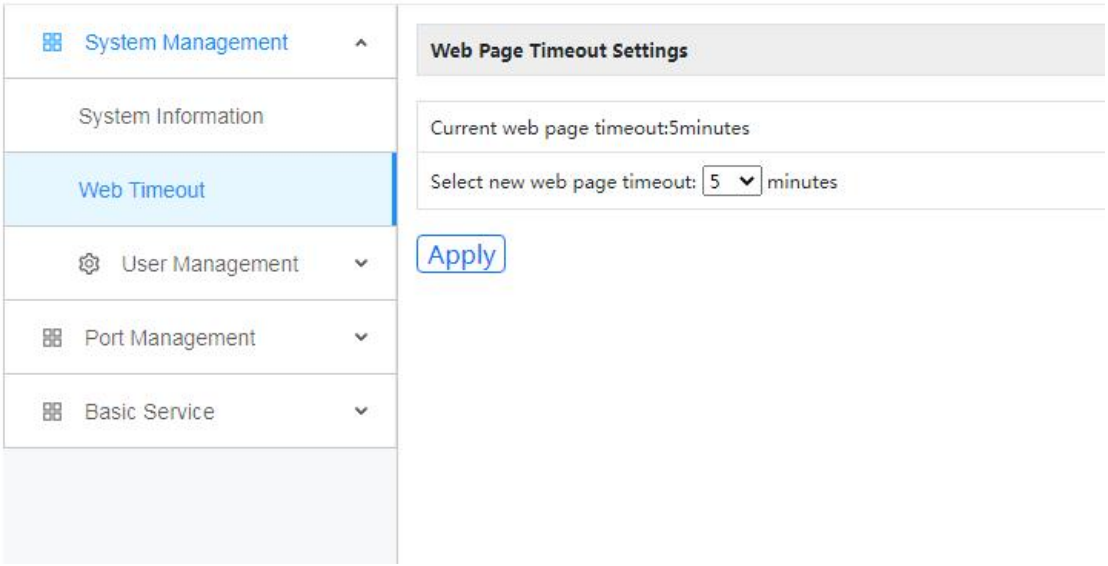


Figure 2-2

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.

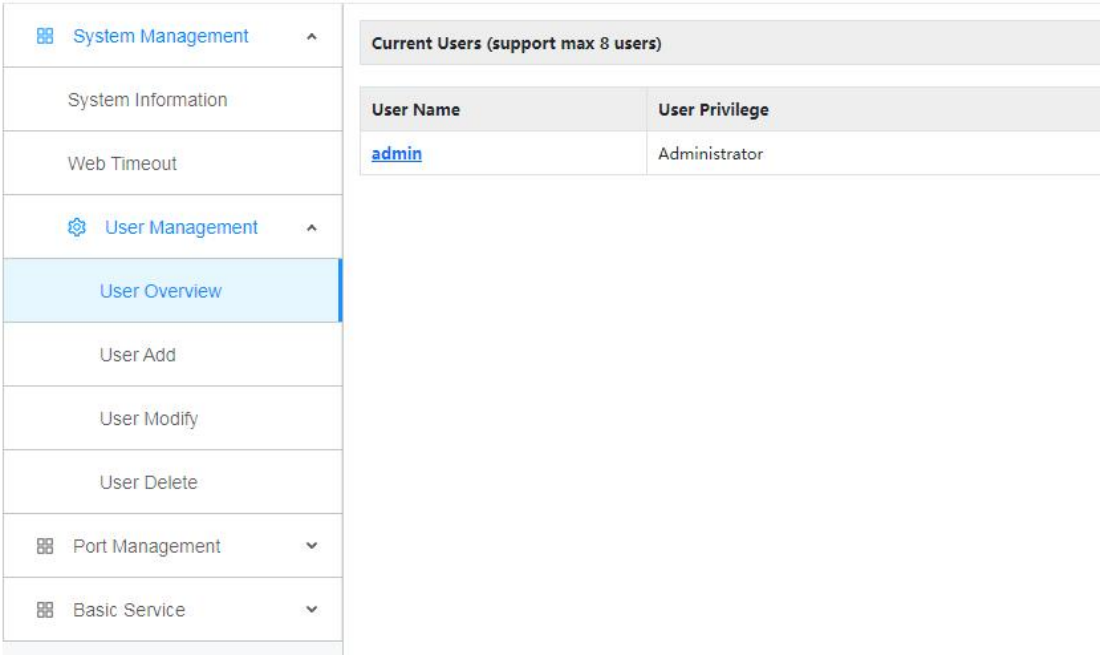


Figure 2-3

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.

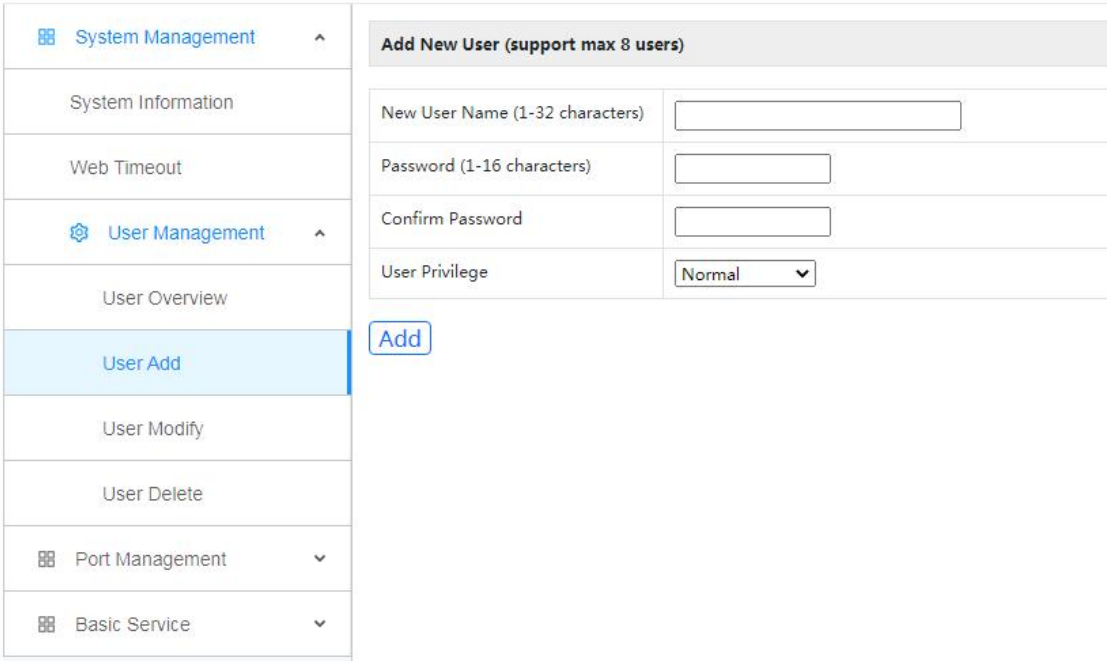


Figure2-4

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.

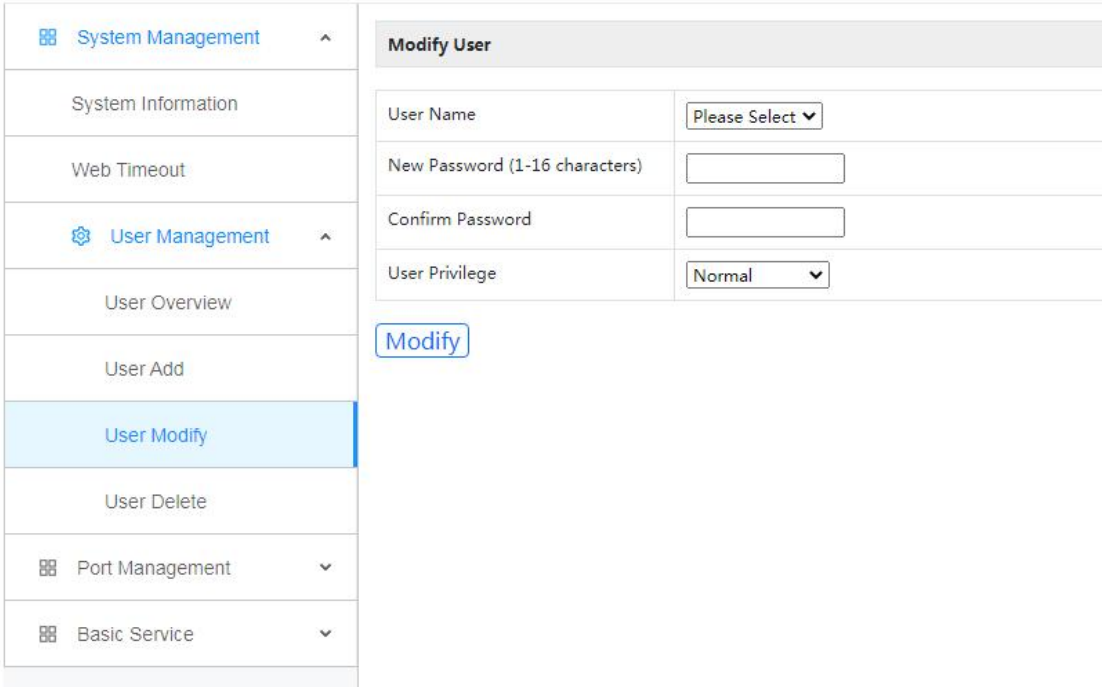
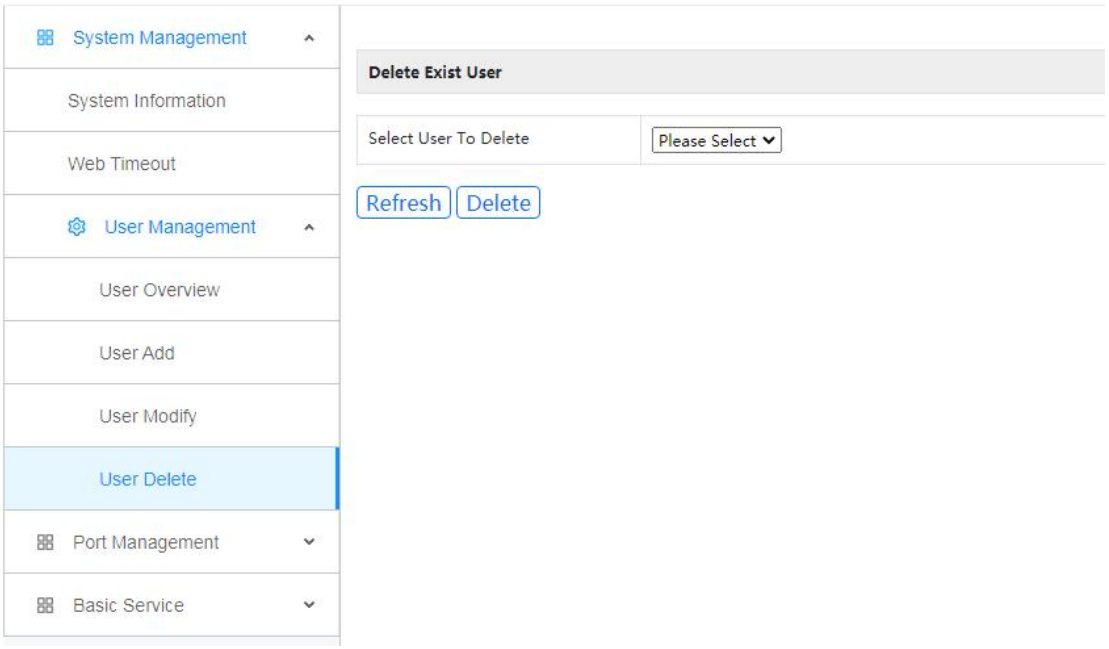


Figure 2-5

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.



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 Switch port status, priority, rate, MTU, and port description information.

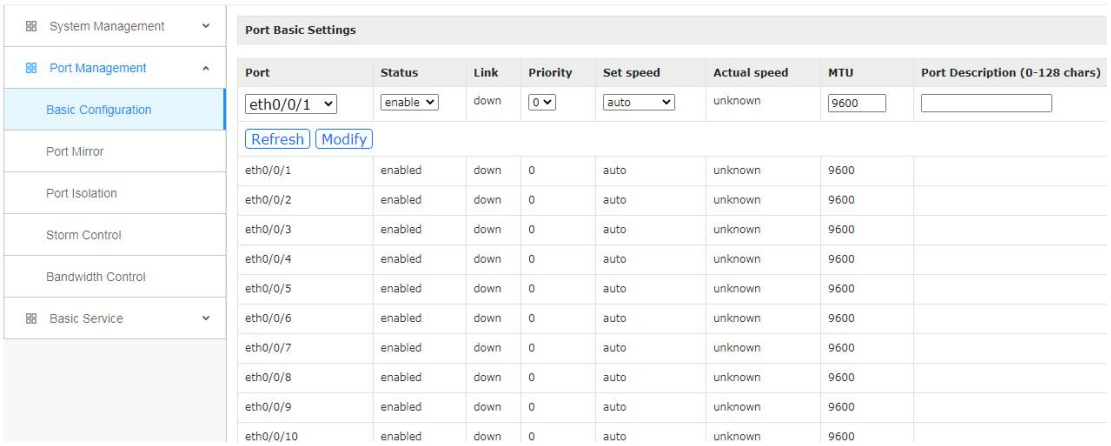


Figure 3-1

3.2 Port Mirror

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

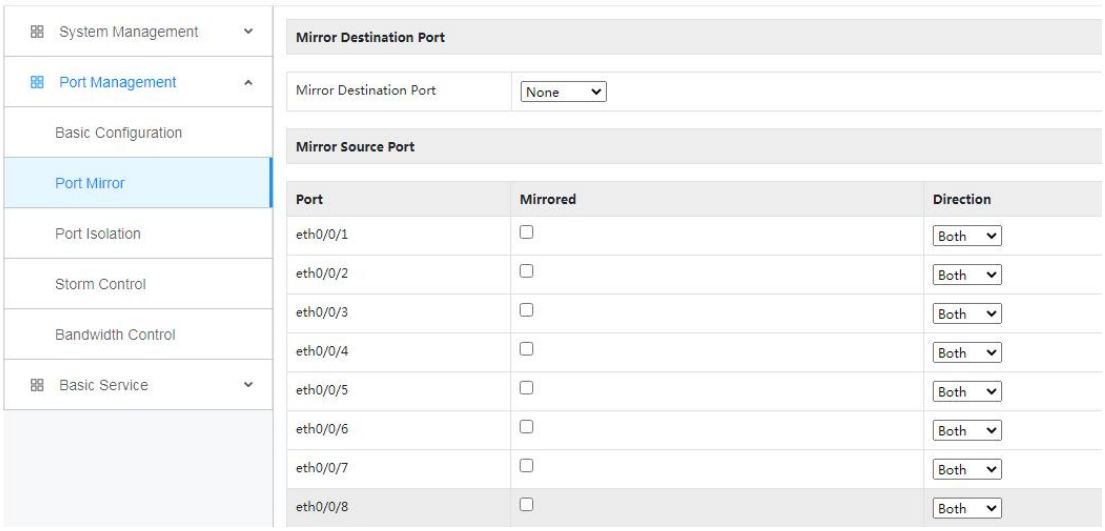


Figure 3-2

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.

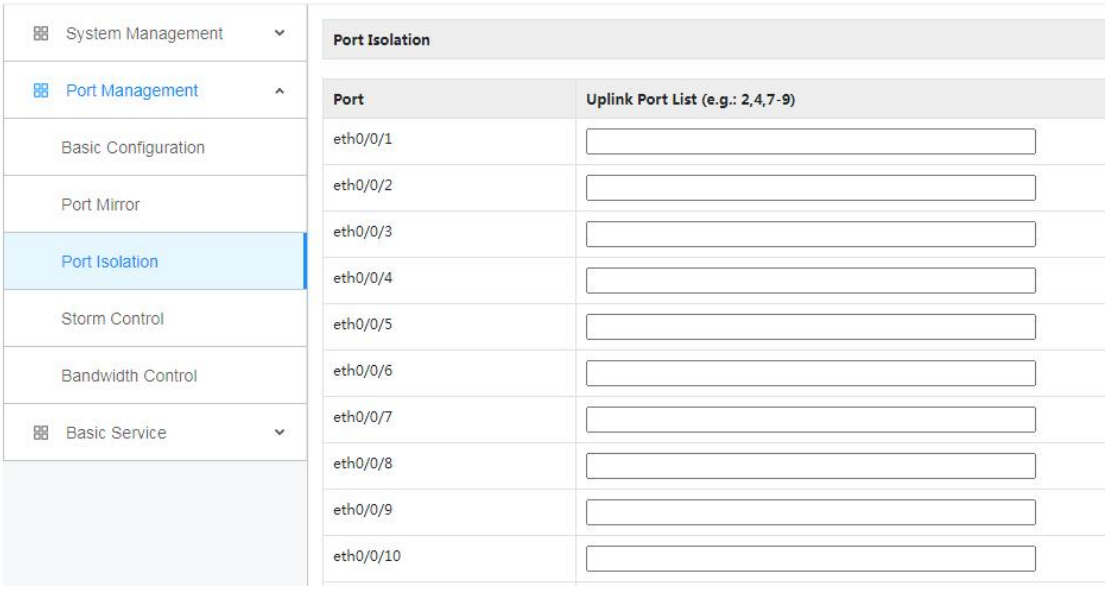


Figure 3-3

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

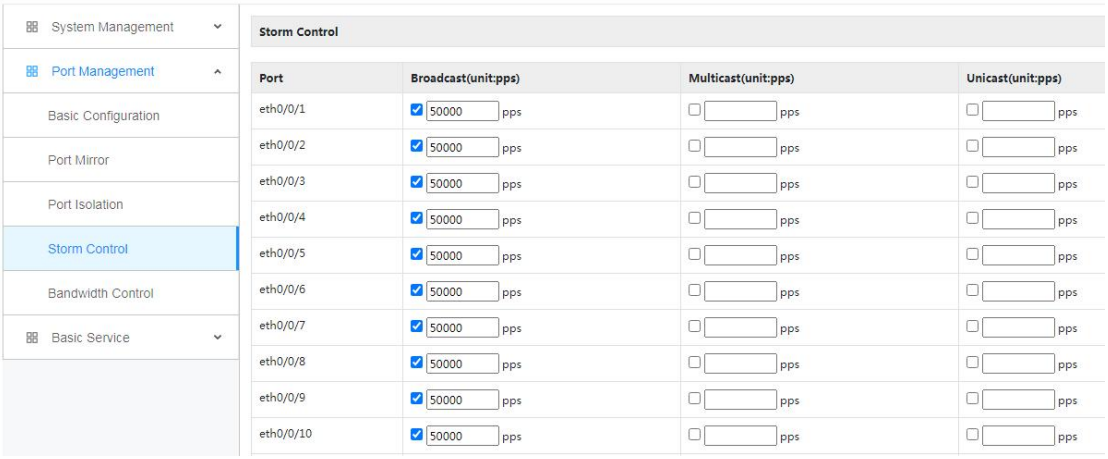


Figure 3-4

3.5 Bandwidth Control

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

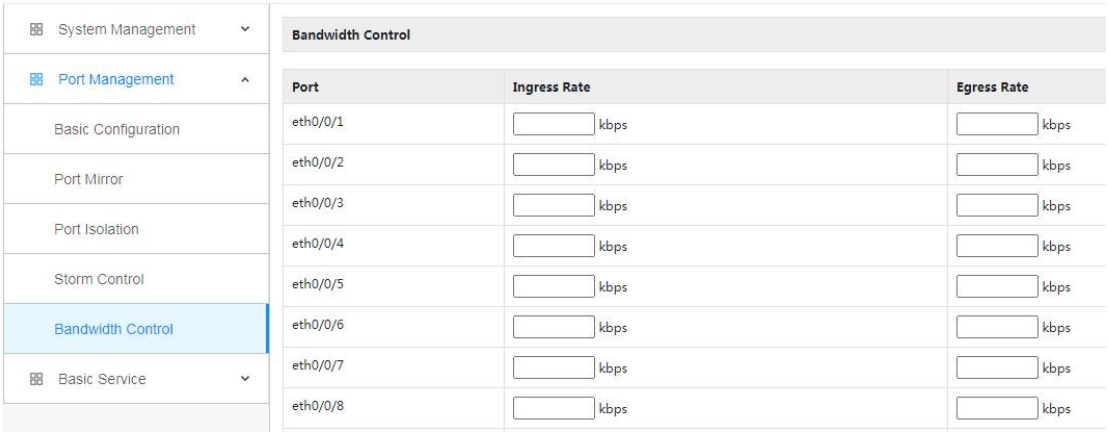


Figure 3-5

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.

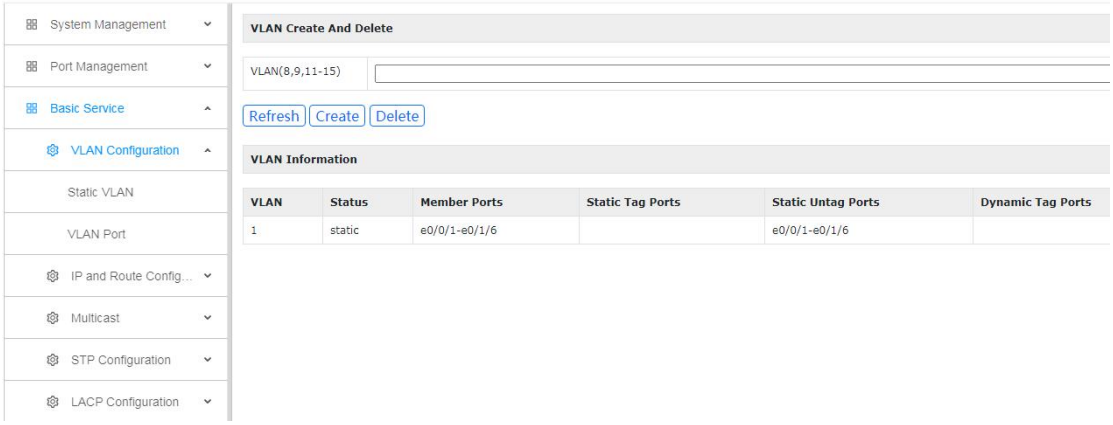


Figure 4-1

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.

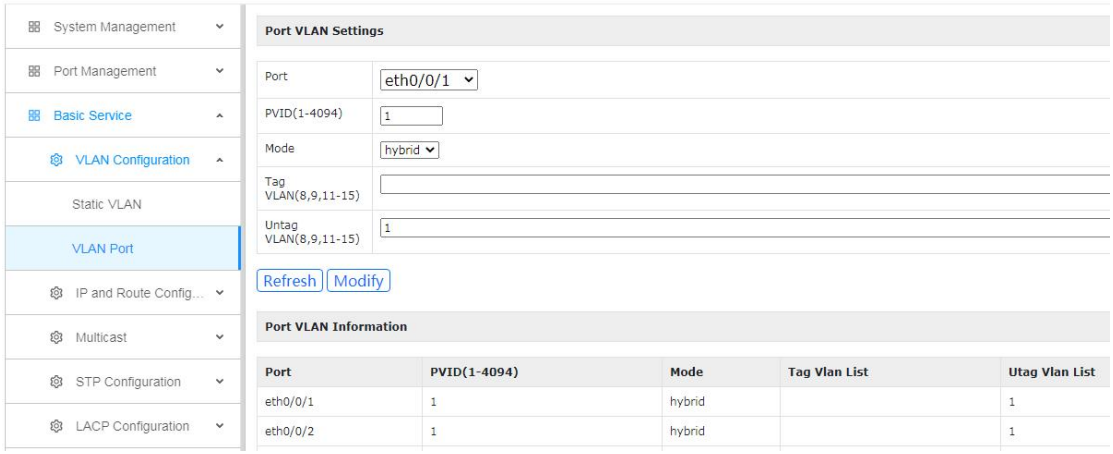


Figure 4-2

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 Switch. The default management IP is 192.168.168.1.

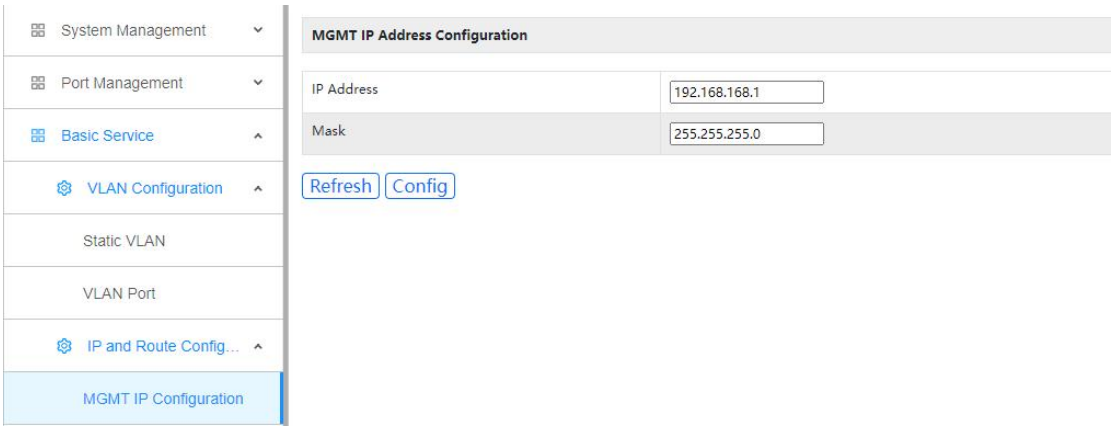


Figure 4-3

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.

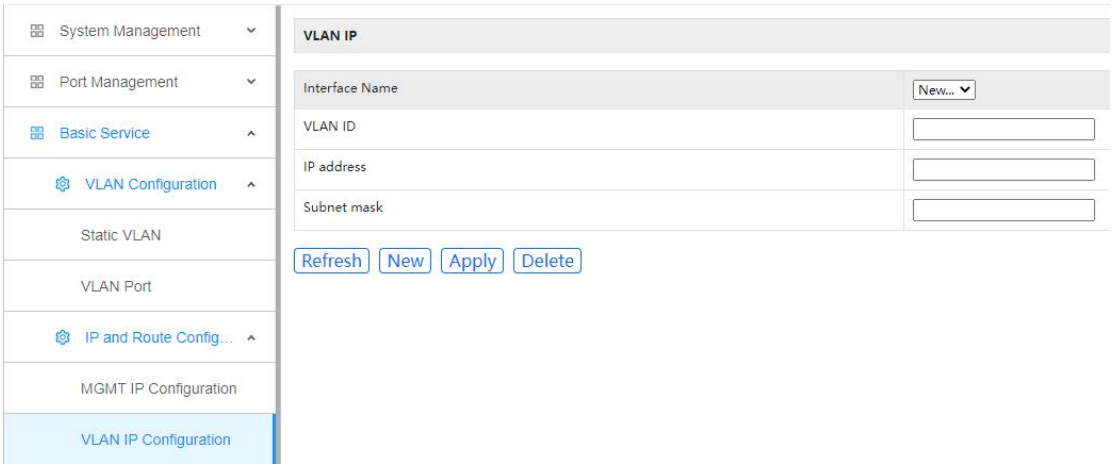


Figure 4-4

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.

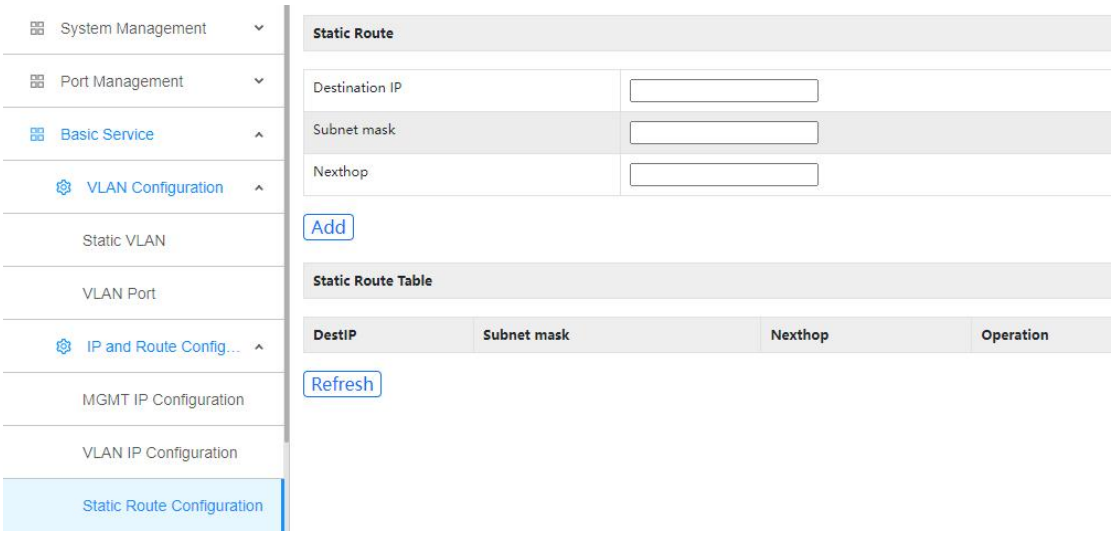


Figure 4-5

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.

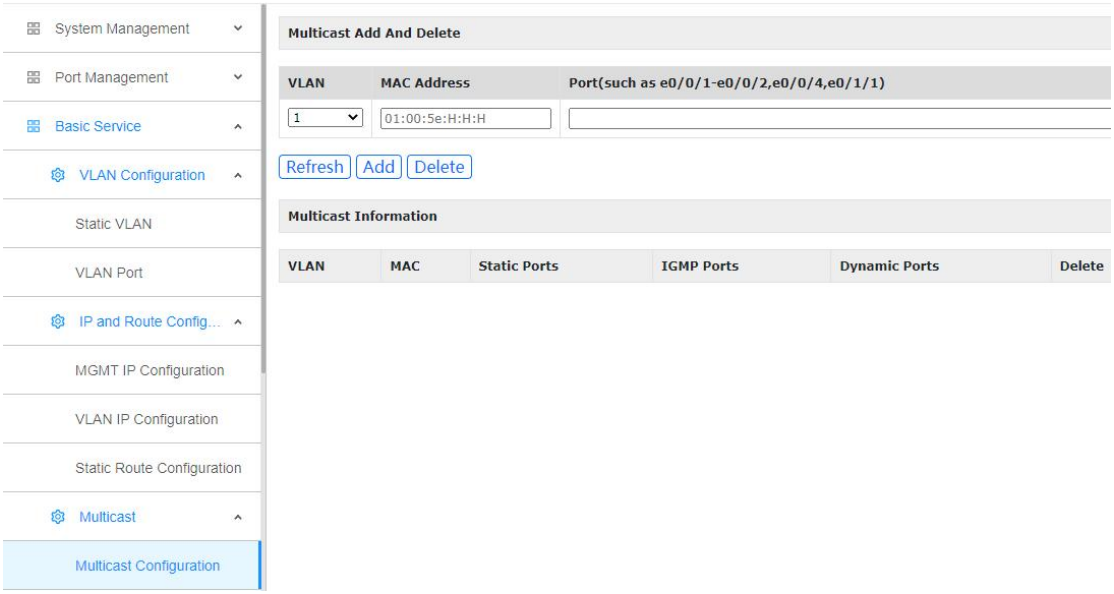


Figure 4-6

4.3.2 IGMP Configuration

1.Click Config->Basic Service->Multicast->IGMP Configuration

2.This page configures IGMP snooping.

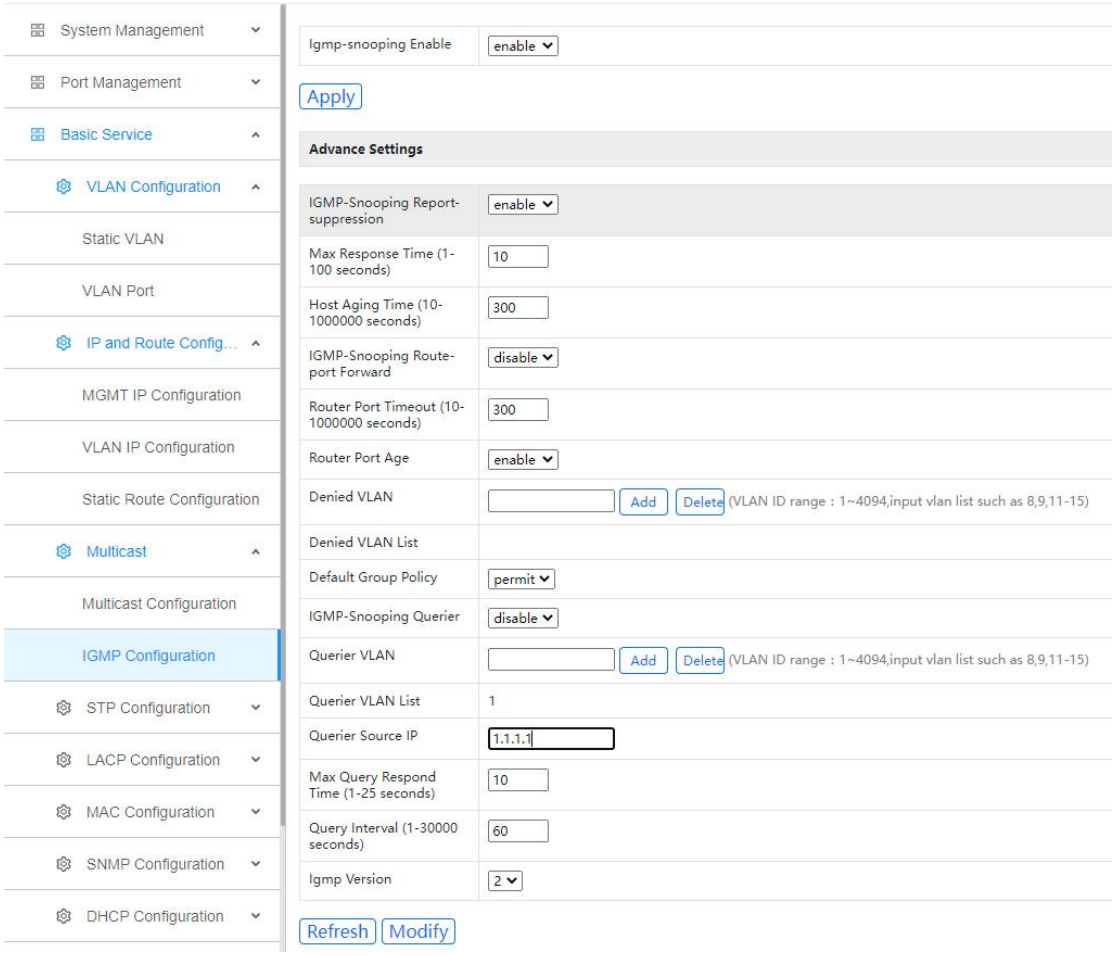


Figure 4-7

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.

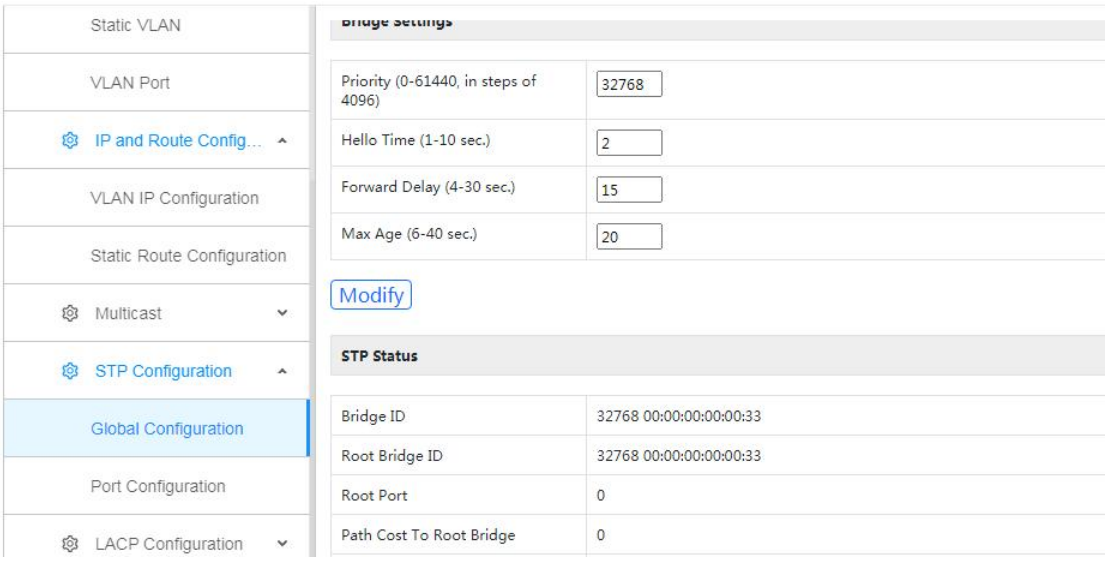


Figure 4-8

4.4.2 STP/RSTP Port Configuration

1.Click Config->Basic Service->Stp Configuration->STP/RSTP 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.

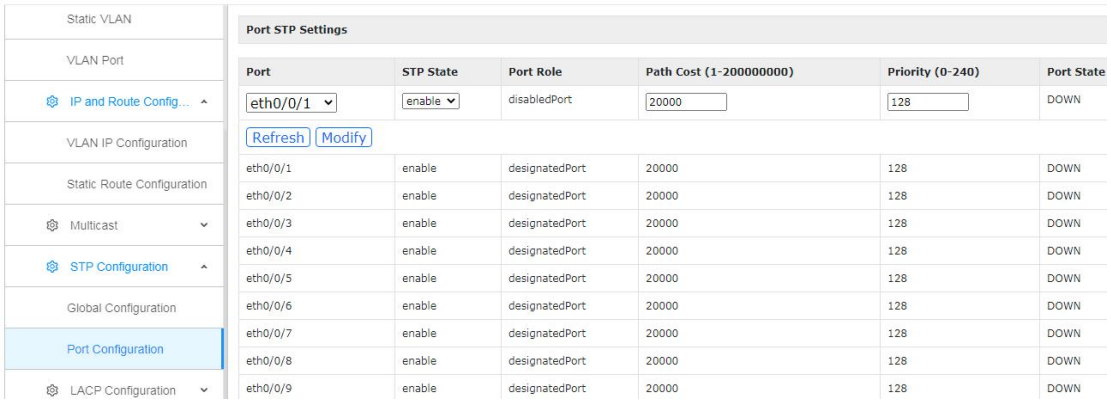


Figure 4-9

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.

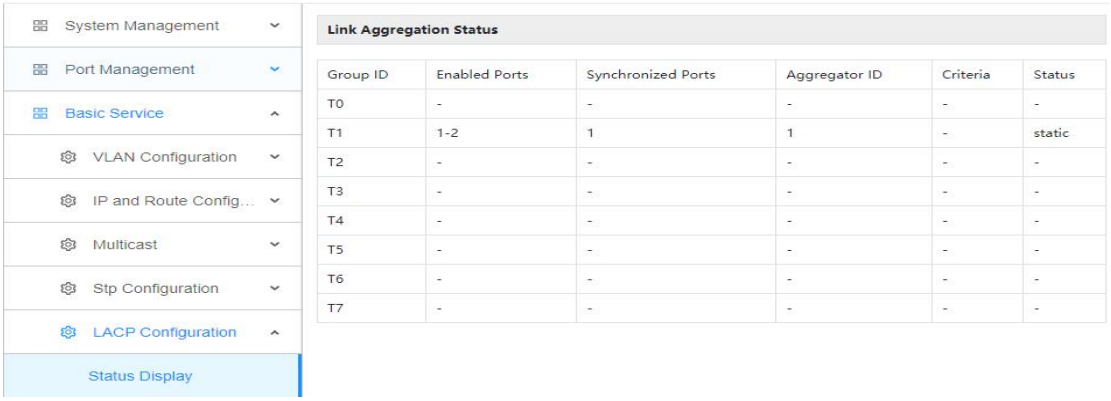


Figure 4-10

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.

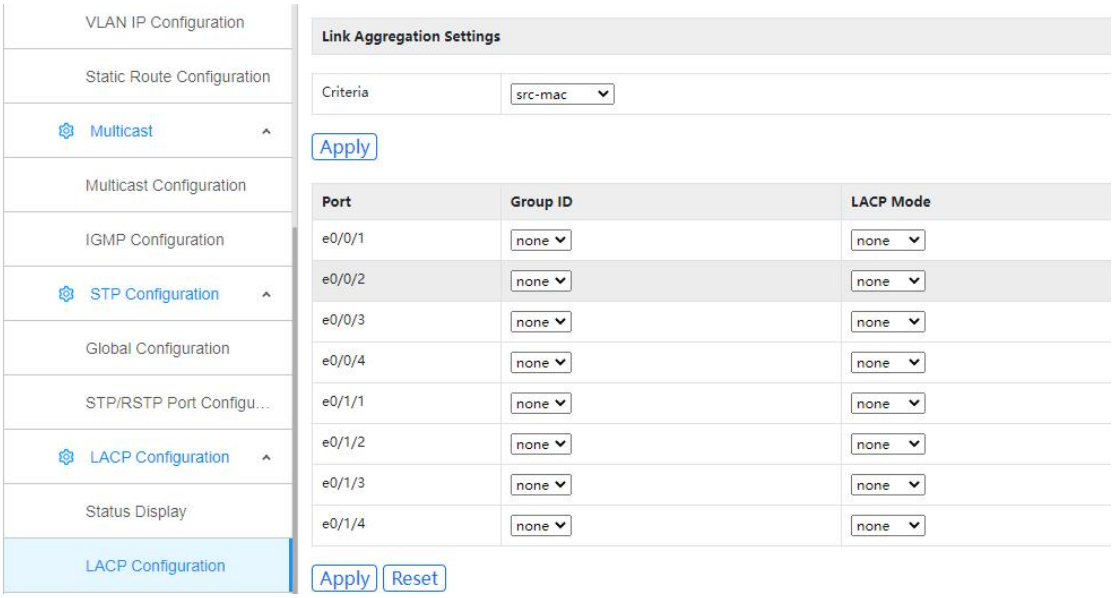


Figure 4-11

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.

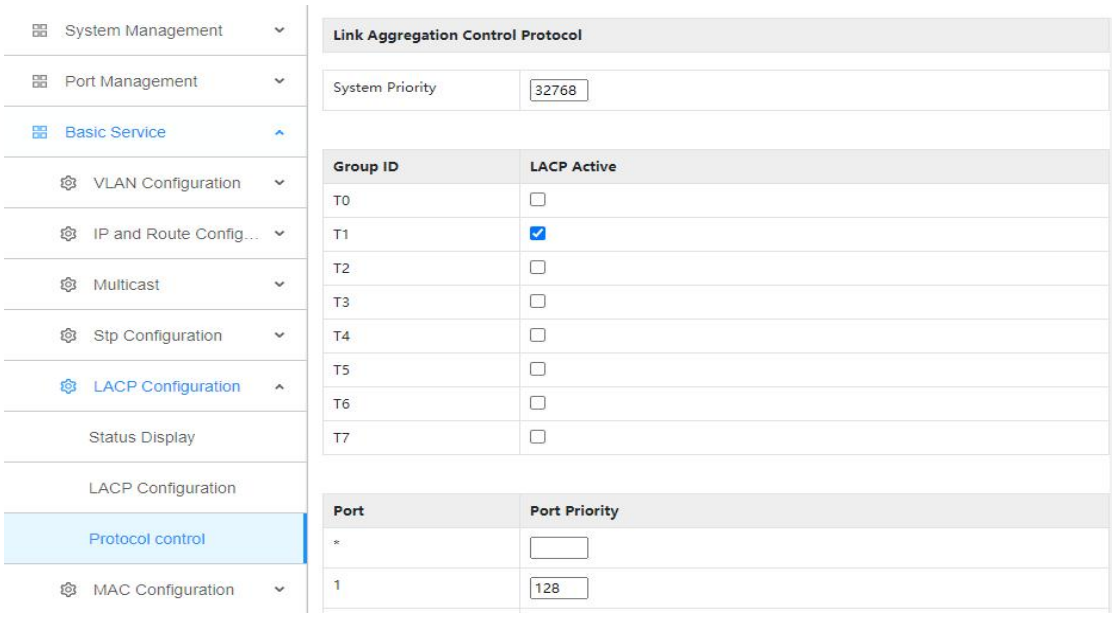


Figure 4-12

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 Dispaly
2. This page displays port-MAC binding status information.

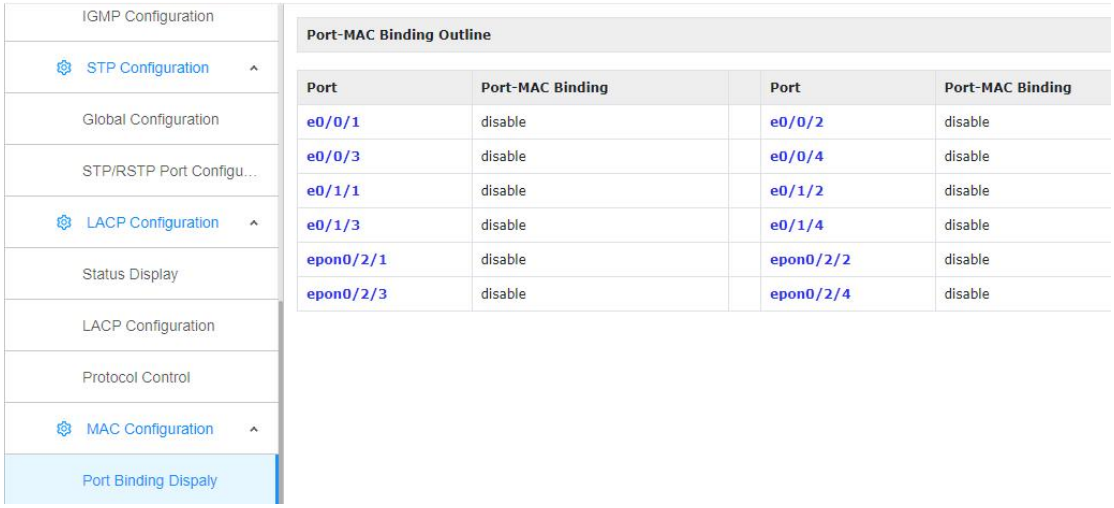


Figure 4-13

4.6.2 Port Binding Configuration

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

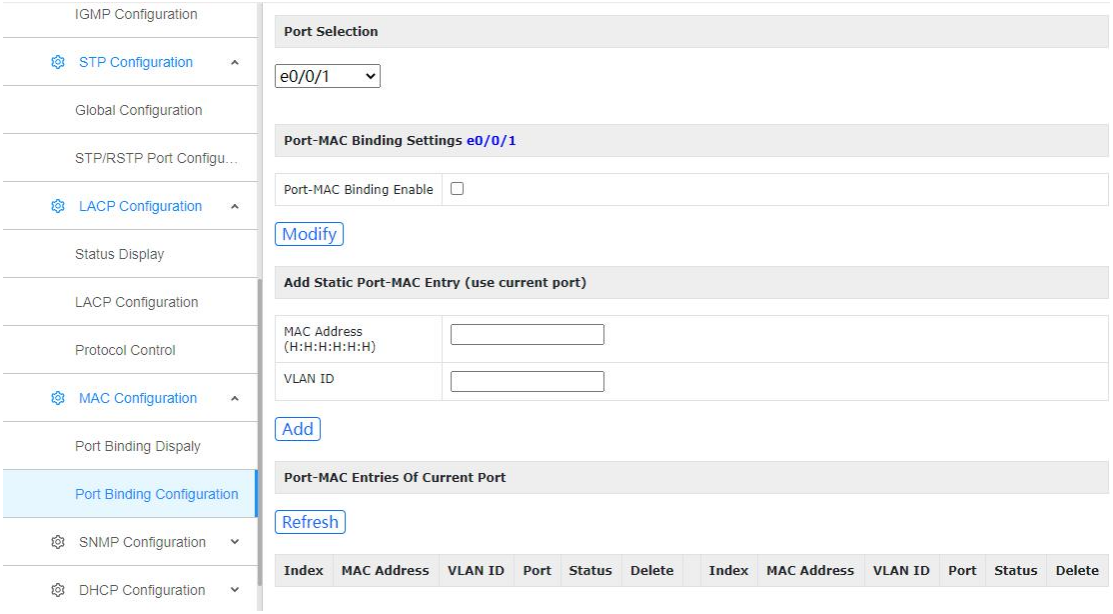


Figure 4-14

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 Commutity Configuration

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

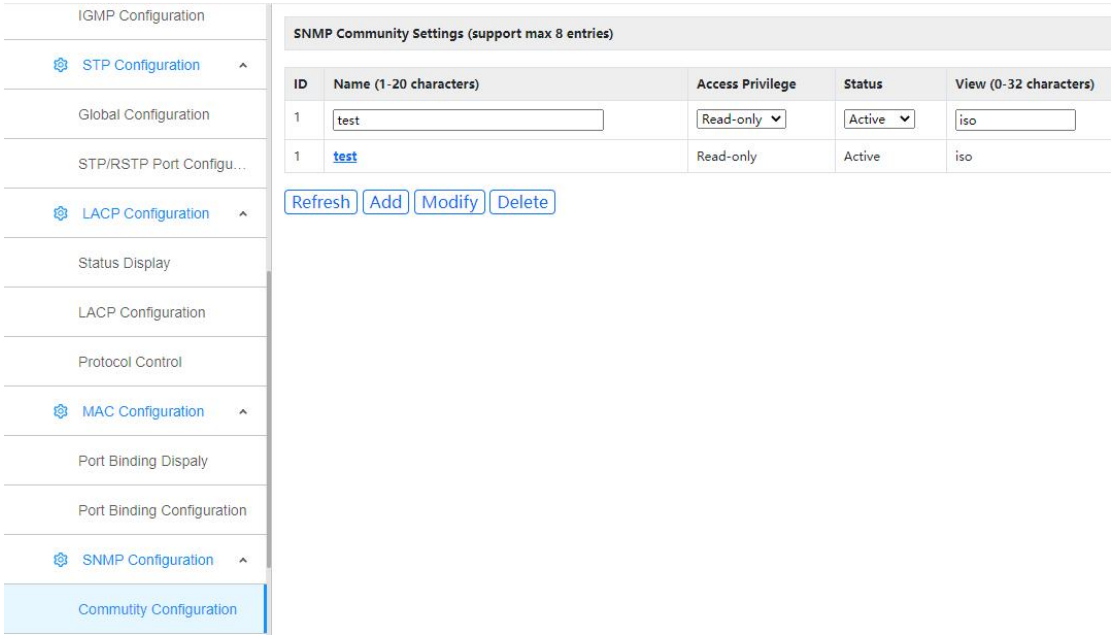


Figure 4-15

4.7.2 Trap Configuration

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

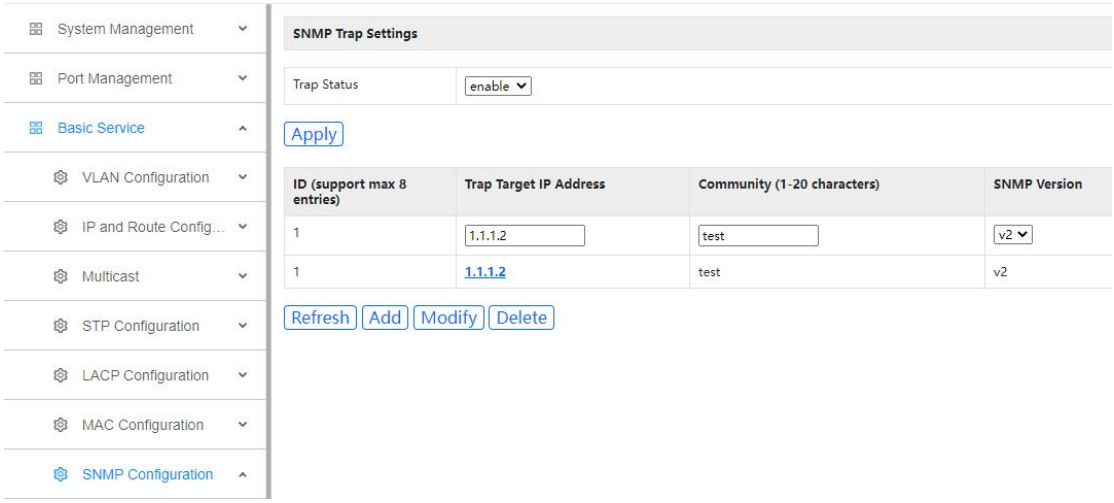


Figure 4-16

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.

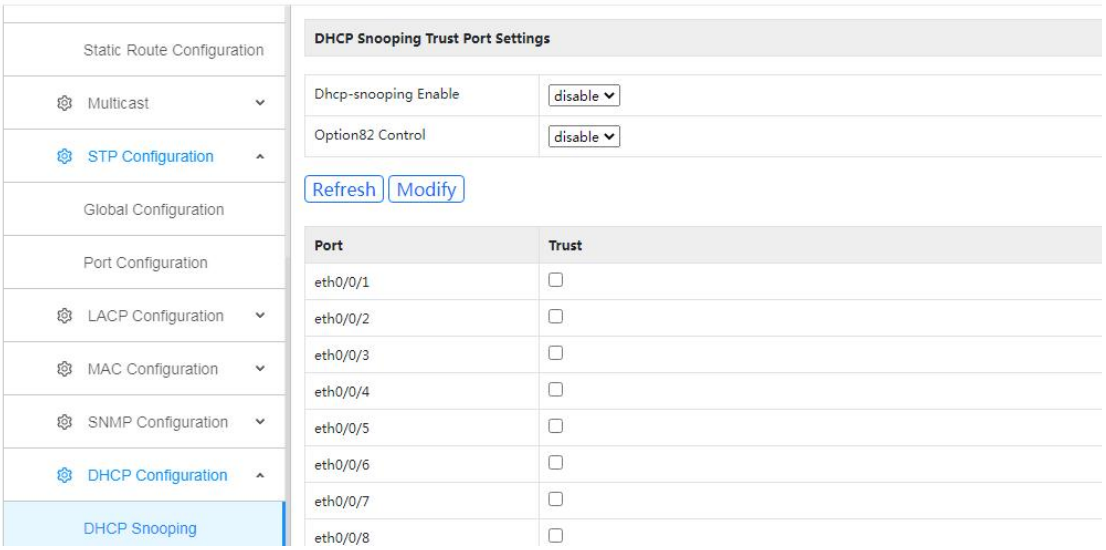


Figure 4-17

4.8.2 IP-MacBinding

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.

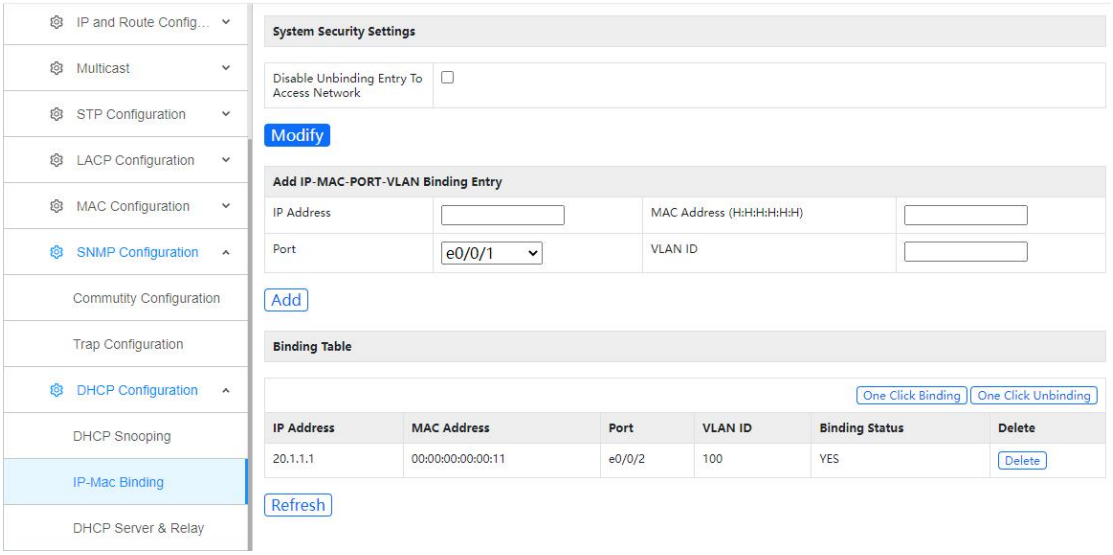


Figure 4-18

4.8.3 DHCP Server&Relay

1.Click Config->Basic Service->DHCP configuration->DHCP Server&Relay

2.This page configures DHCP server and relay.

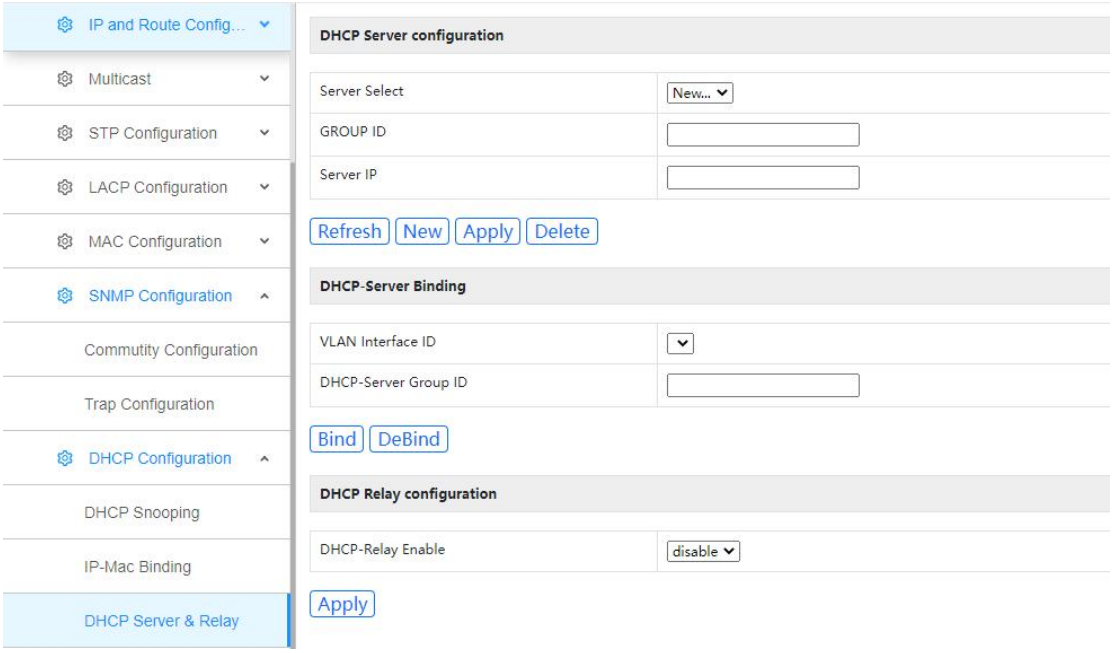


Figure 4-19

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

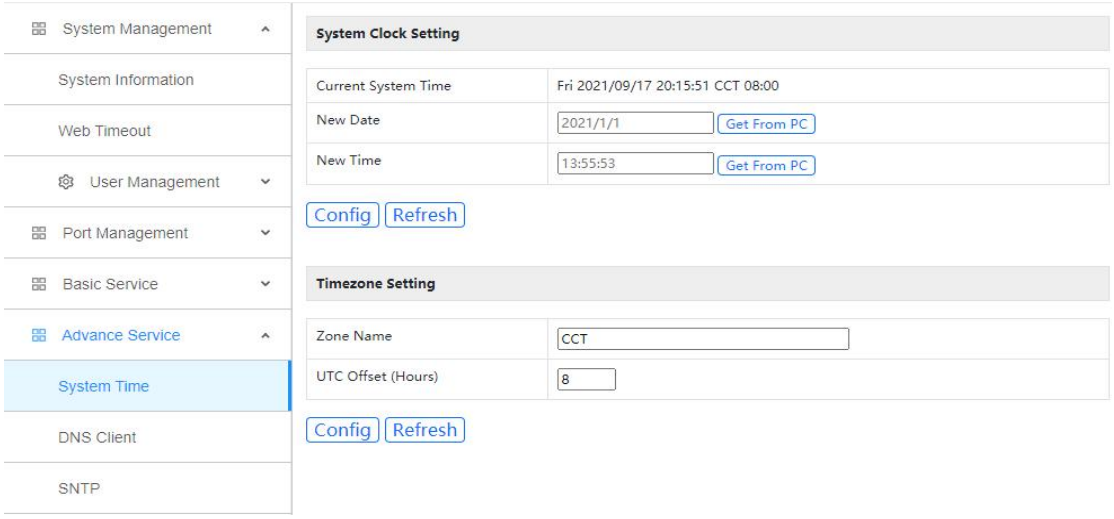


Figure 5-1

5.2 DNSClient

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

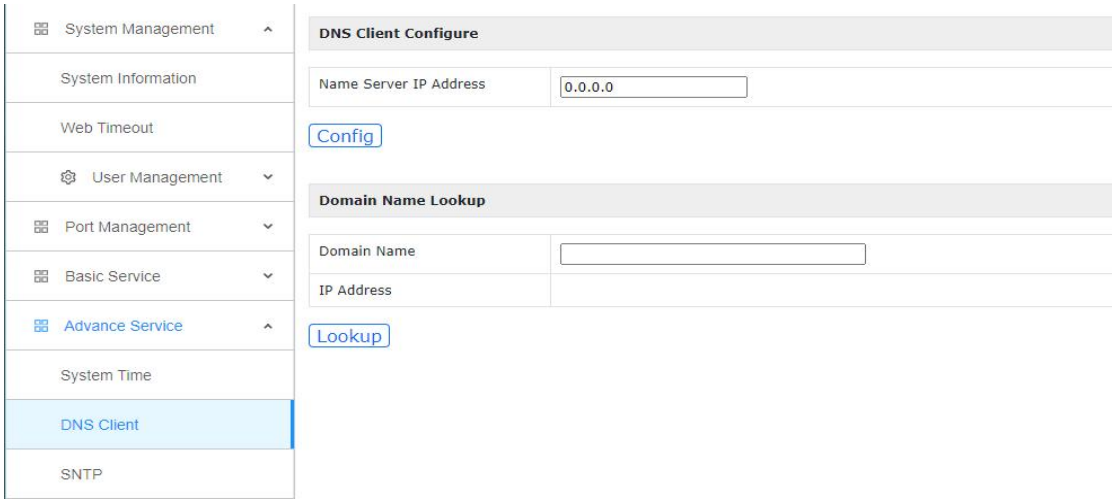


Figure 5-2

5.3 SNTP

1.Click Config->Advance Service->SNTP

2.This page configures the SNTP.

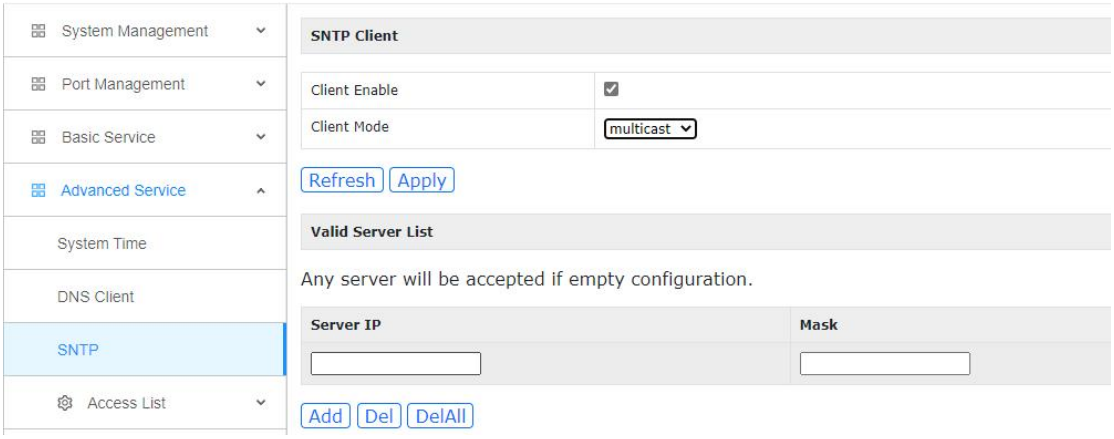


Figure 5-3

Chapter 6 Maintain

6.1 Software Upgrading

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

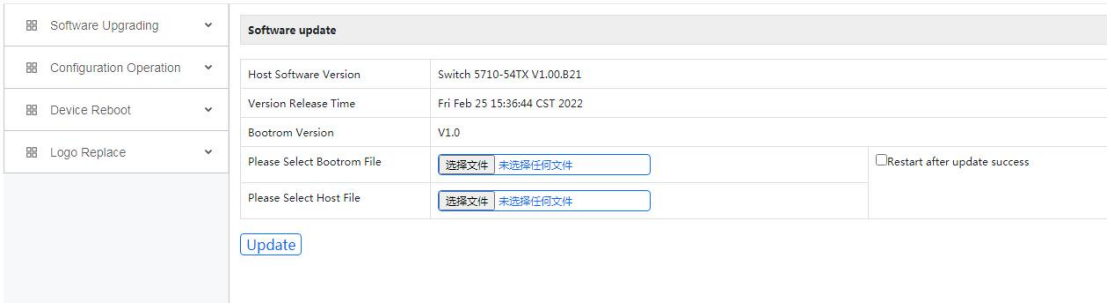


Figure 6-1

6.2 Configuration Operation

Configuration operations include upload, download and save configuration.

6.2.1 Configuration Update

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

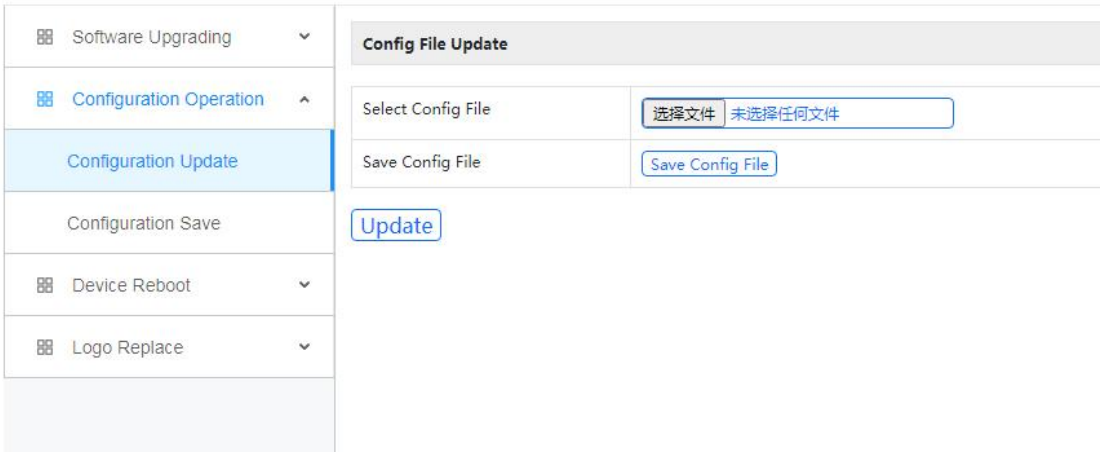


Figure 6-2

6.2.2 Configuration Save

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

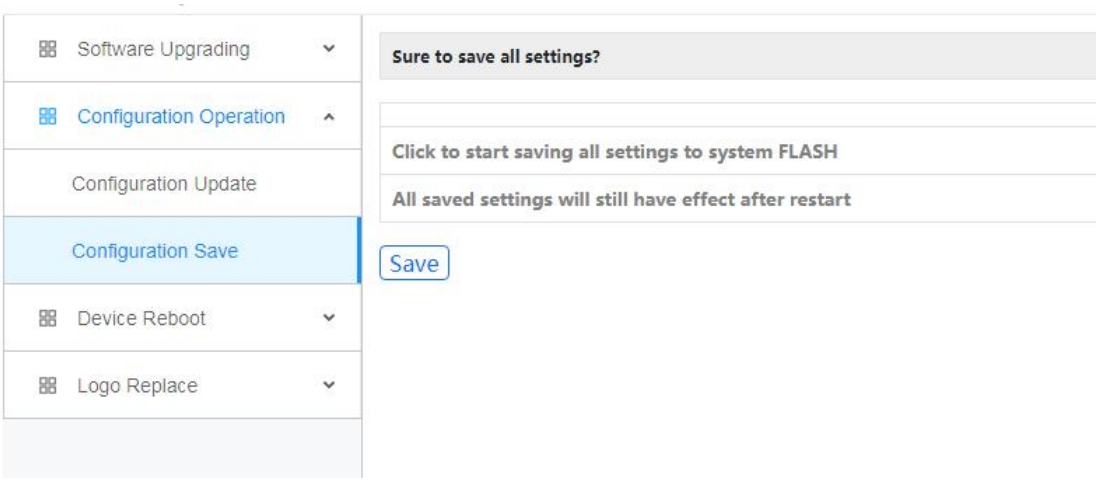


Figure 6-3

6.3 Device Reboot

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

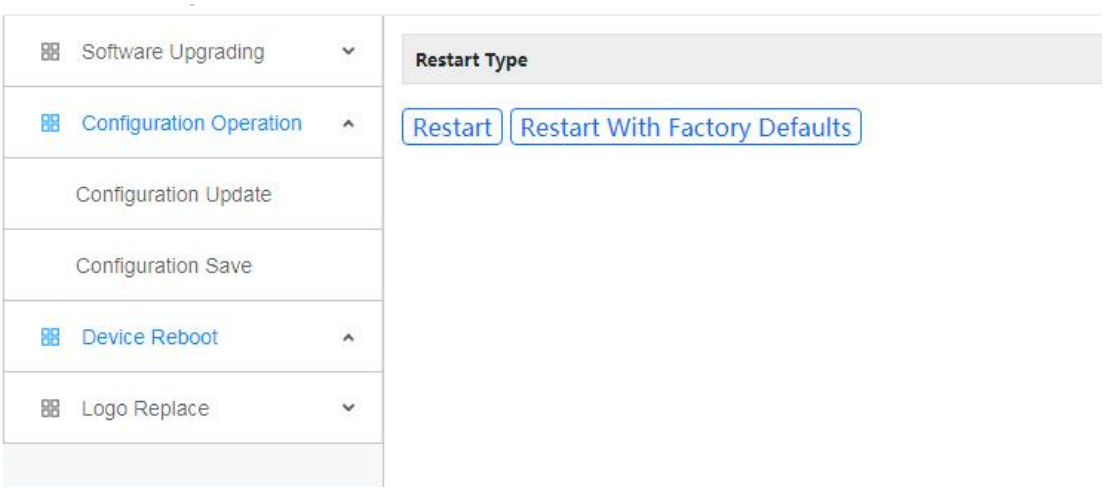


Figure 6-4

6.5 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.

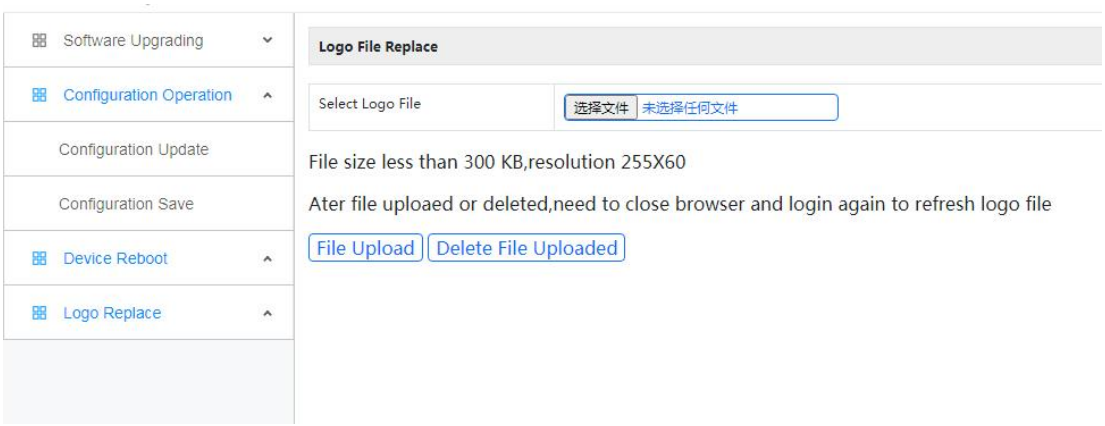

Software Upgrading
Configuration Operation
Configuration Update
Configuration Save
Device Reboot
Logo Replace
Logo File Replace
Select Logo File
选择文件
未选择任何文件
File size less than 300 KB,resolution 255X60
Ater file uploaed or deleted,need to close browser and login again to refresh logo file
File Upload
Delete File Uploaded

Figure 6-5