WISNETWORKS

User Manual

WIS–R5100 WIS–R7100 WIS–R8000 V 1.0

2016/09/18

Software version WIS-R5100-V3.0.41

Software version WIS-R7100-V3.0.26

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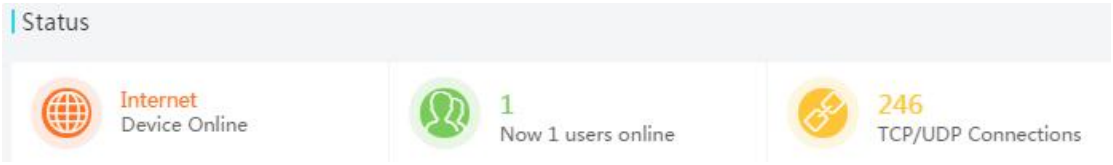
Chapter 1 Dashboard

1.1 Status



Internet: Display the device status. If the WAN is not connected or configured rightly, it will show offline.

Users Online: The numbers of online users currently.

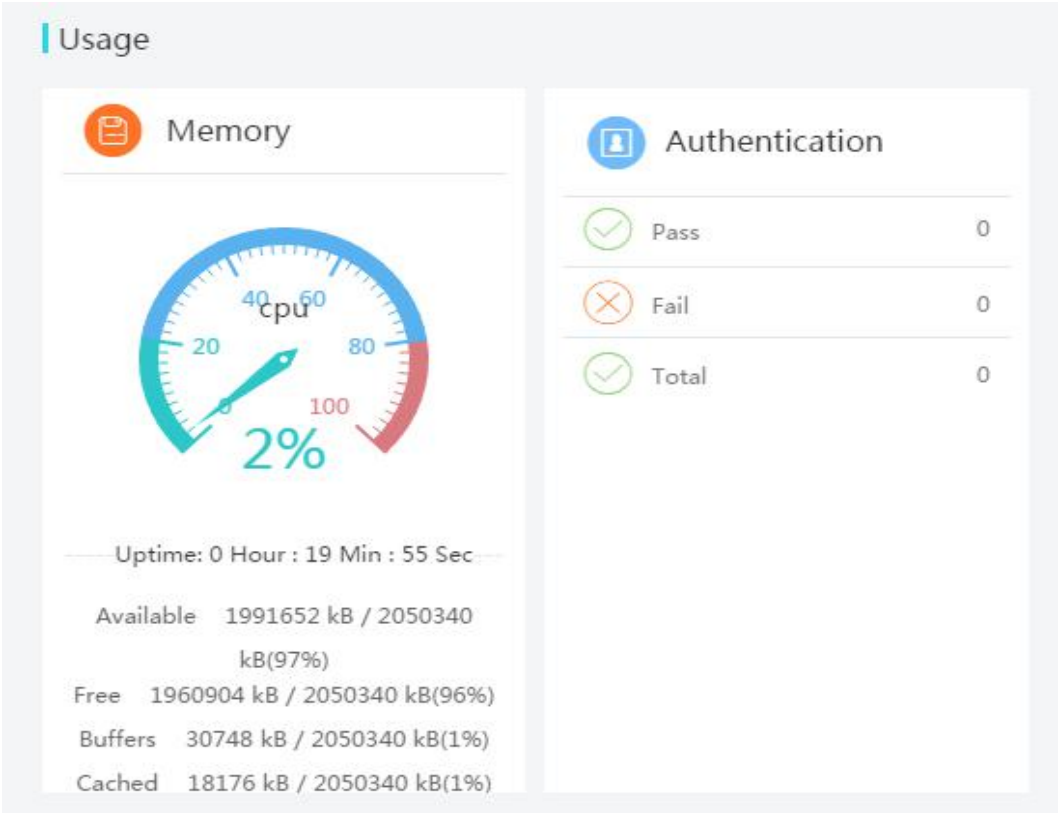
TCP/UDP connections: Active online packets of TCP/UDP.

1.2 Other

Support: Enter our WIS website when the user has any questions.

Cloud Platform: Online billing platform.

1.3 Usage



1.3.1 Memory

CPU: The percentage of processing power used by the device.

Uptime: The duration of the device's activity is displayed.

Available: Available memory.

Free: Free space of memory.

Buffer: Buffer of memory.

Cached: Cached memory.

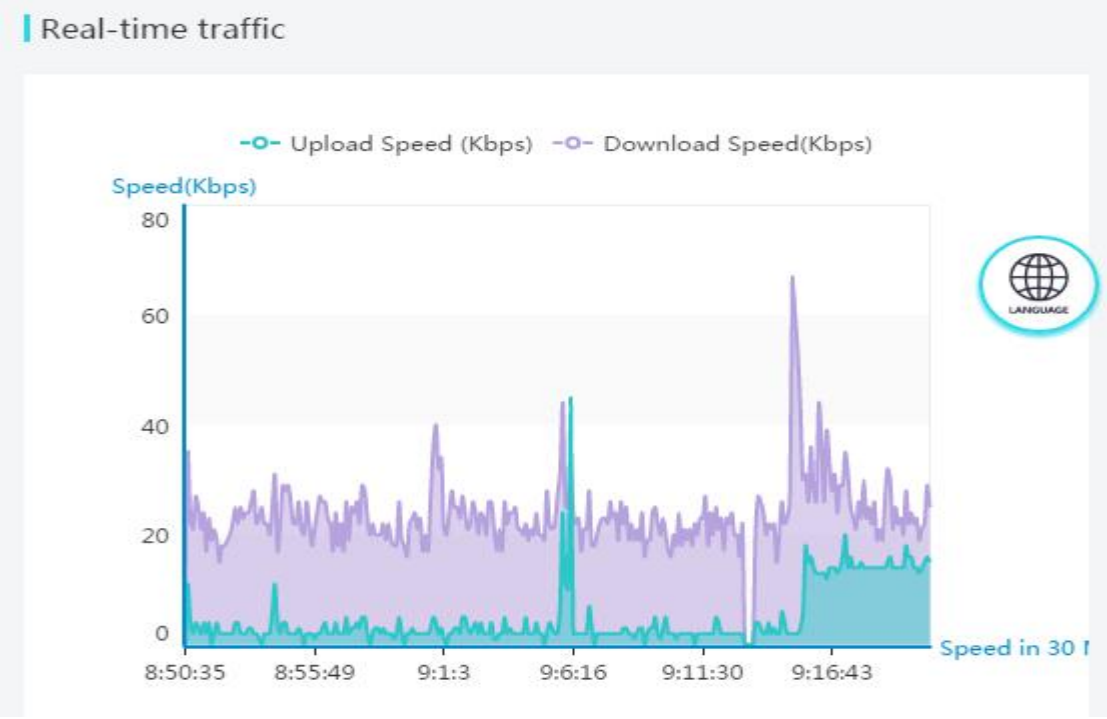
1.3.2 Authentication

Pass: The users have been authenticated.

Fail: The users fail to be authenticated.

Total: The users include passed and failed users.

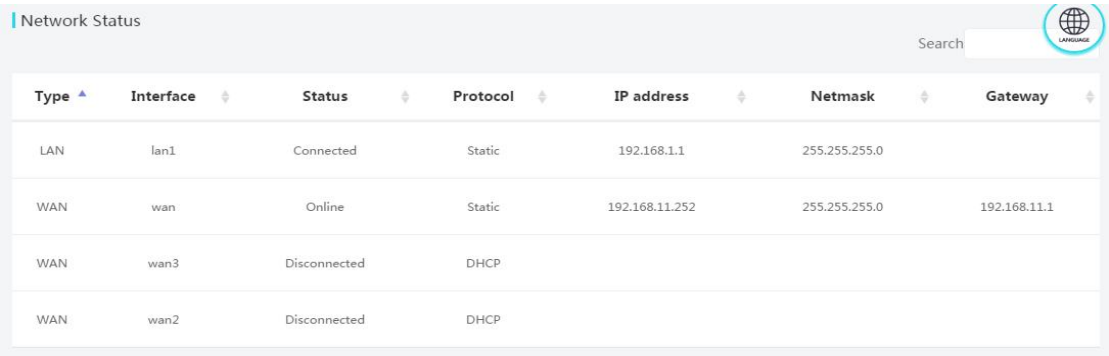
1.4 Real-time Traffic



Display the bandwidth of thirty minutes. Choose the up speed or down speed to check it separately.

: Language selection.

1.5 Network



Type: Display the connection type.

Interface: Display the name of the interface.

Status: Display the connection status of interface. When the WAN is connected, it shows online or offline.

Protocol: The way to get IP address. Display three types of static, DHCP or PPPoE.

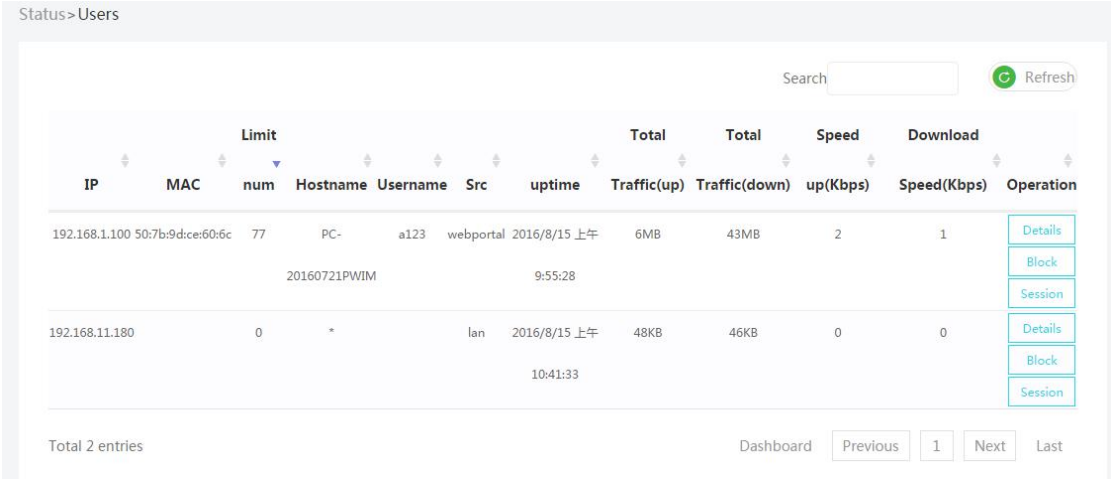
IP address: Display the IP address of the device. This IP will be used for device management purposes.

Net mask: Define the address space of the device's network segment.

Gateway: Display the point of connection to the Internet. The device directs data packets to the gateway if the destination host is not within the local network.

Chapter 2 Status

2.1 Users



Search: Input the limited conditions to look for the specific information.

Refresh: To refresh the information, click **Refresh**.

IP: Display the IP address of the connected users.

MAC: Display the MAC address of the online users.

Limit num: Display the active sessions currently.

Hostname: The hostname of the online devices is displayed.

Src: The user connection type is displayed.

Uptime: The time when the user is connected is displayed.

Total Traffic (up): Display the total amount of upload traffic.

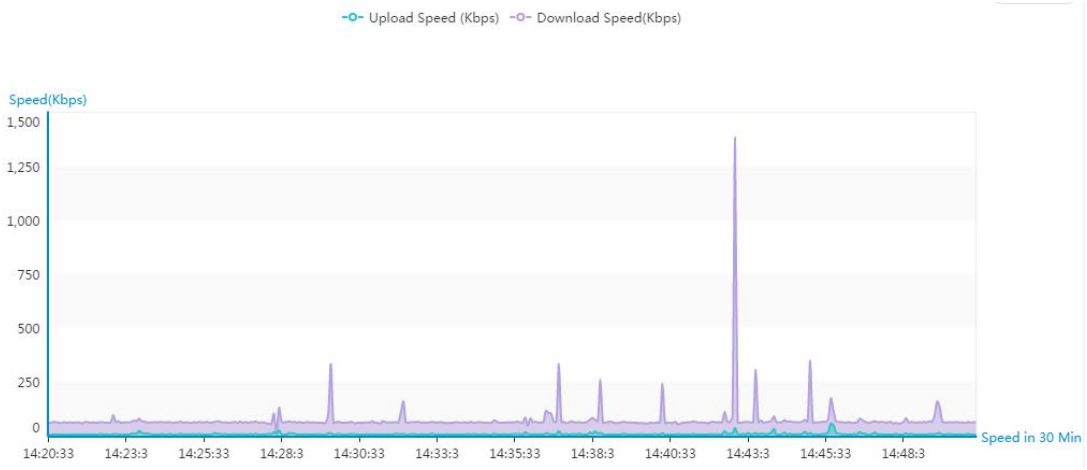
Total Traffic (down): Display the total amount of download traffic.

Speed Up (Kbps): The upload speed is displayed.

Download Speed (Kbps): The download speed is displayed.

Operation: Display three options as follows:

•**Details:** The upload and download speed are displayed in thirty minutes.



•**Block:** Select block to kick the user.

•**Session:** The specific session is displayed as follows:

Search Refresh

Protocol	Local Port	Remote IP	Remote Port	UP Time	Upload traffic	Download traffic
TCP	63740	40.127.129.109	443	1782	2445	6054
TCP	63723	183.61.38.241	80	11	316	423
TCP	60608	91.190.216.57	12350	1509	3500	2266
TCP	63743	192.168.1.1	80	119	5968	12722
TCP	61579	157.56.52.46	40013	1787	570394	311336
TCP	63715	40.74.138.168	50003	1789	14874	18605
TCP	63727	40.74.119.186	50007	43	664	760
TCP	63747	192.168.1.1	80	1799	8425	7032
TCP	61209	65.54.225.167	443	1573	26565	9842
TCP	63731	207.46.231.138	50000	1790	3268	3816

Total 83 entries Dashboard Previous 1 2 3 4 5 ... 9 Next Last

Protocol: The protocol of TCP or UDP.

Local Port: Display the local port.

Remote IP: The remote IP address of the server is displayed.

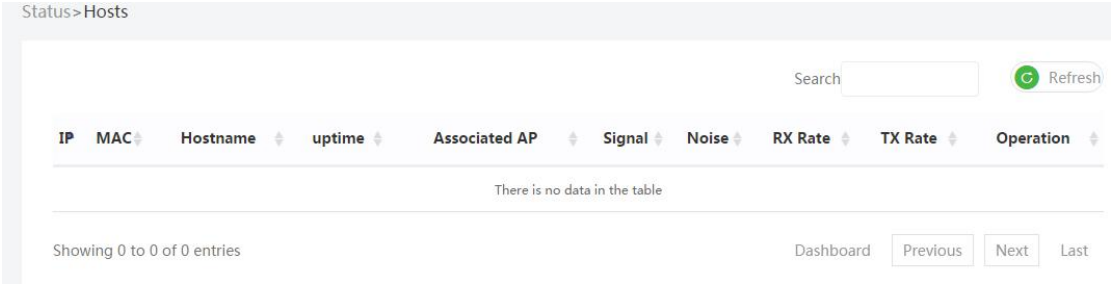
Remote Port: Display the remote port.

Up Time: The duration of the connection time.

Upload Traffic: The amount of upload traffic.

Download Traffic: The amount of download traffic.

2.2 Hosts



IP: Display the IP address of the connected users.

MAC: Display the MAC address of the connected users.

Hostname: Display the hostname of the users.

Uptime: The duration of the user's connection is displayed.

Associated AP: Display the AP which associates to the users.

Signal: The AP's signal strength is displayed.

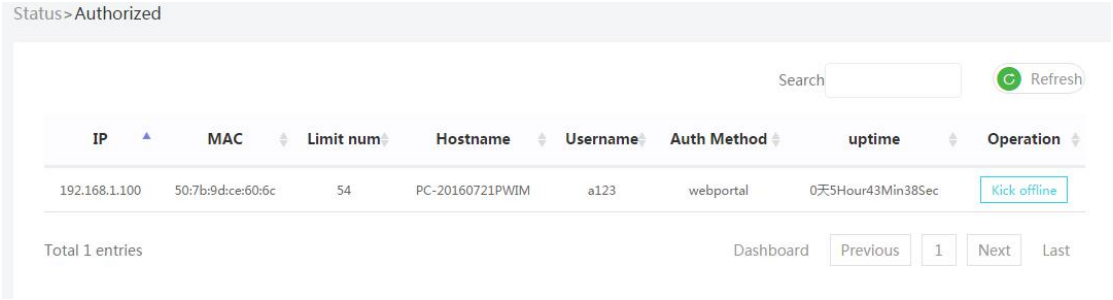
Noise: The value of the noise floor is displayed.

RX Rate: The speed rate of receive.

TX Rate: The speed rate of transmit.

Operation: To remove the connected user, click it.

2.3 Authorized



IP: Display the IP address of the connected users.

MAC: Display the MAC address of the connected users.

Limit num: Display the active sessions currently.

Hostname: Display the hostname of the authenticated users.

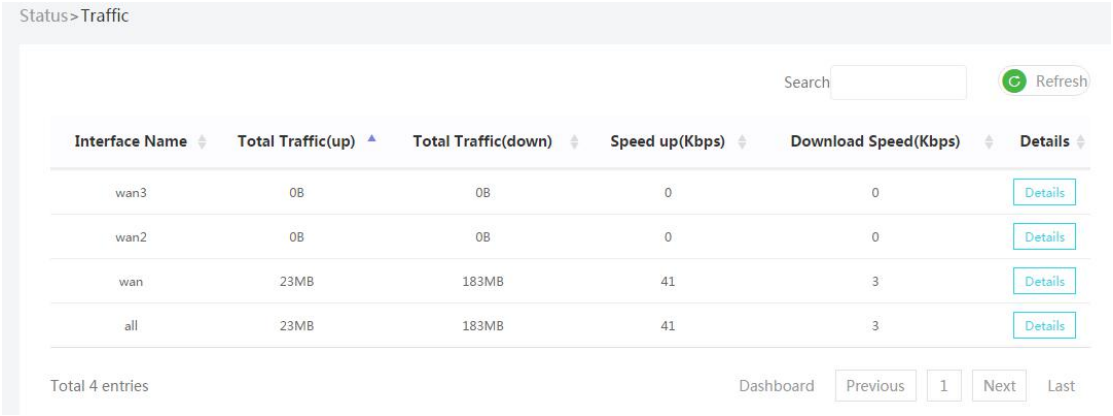
Username: The username is defined by the way to connect Internet.

Auth Method: Display the way which the user get authenticated.

Uptime: The duration of the user's access is displayed.

Operation: Select it to kick the connected user.

2.4 Traffic



Interface Name: Display the name of the interface.

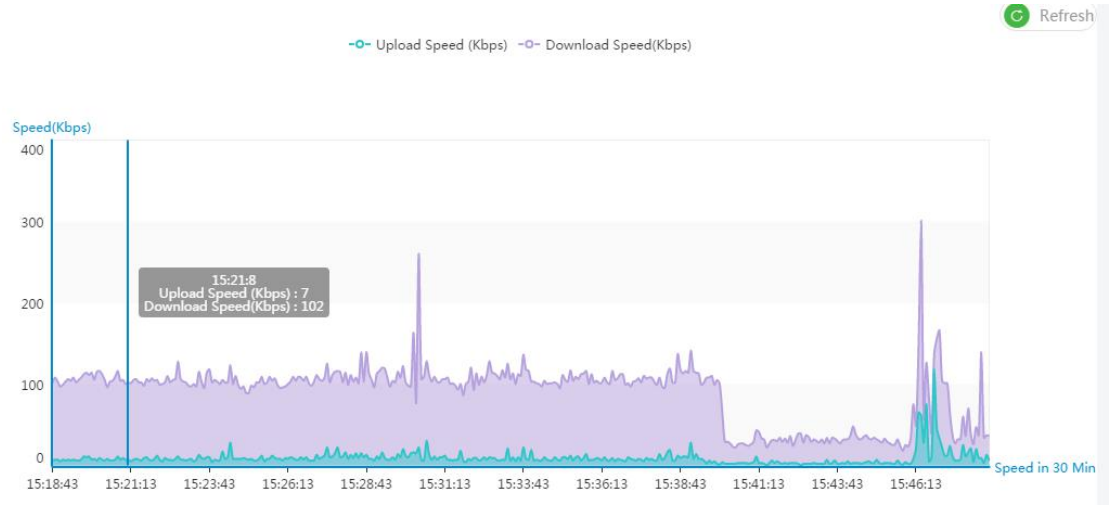
Total Traffic (up): The total amount of upload traffic.

Total Traffic (down): The total amount of download traffic.

Speed Up (Kbps): The upload speed. The unit is Kbps.

Download Speed (Kbps): The download speed. The unit is Kbps.

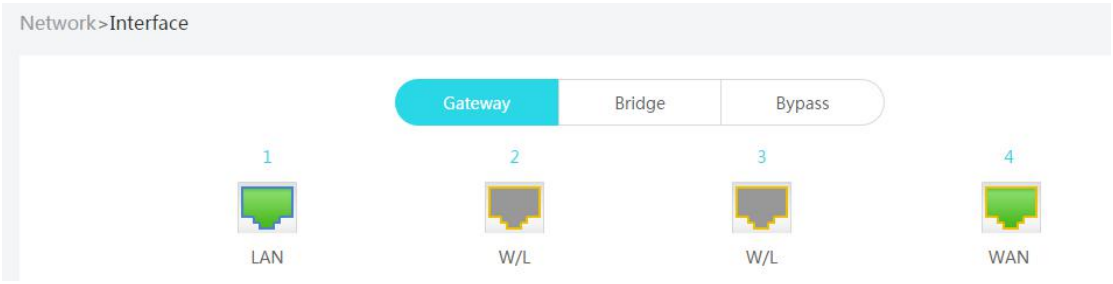
Details: As follows, the upload and download speed are displayed in thirty minutes.



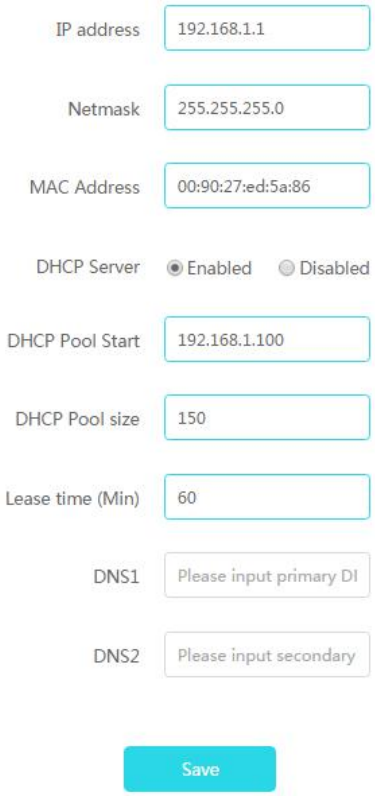
Chapter 3 Network

3.1 Interface

3.1.1 Gateway



LAN:



IP address: Specify the IP address assigned to the local network. This IP will be used for device management purposes.

Netmask: Define the address space of the network segment.

MAC Address: Display the MAC address of the interface.

DHCP Server: Select Enabled to assign the LAN IP address to the devices.

DHCP Pool Start: Enter the start of the connected users' IP address.

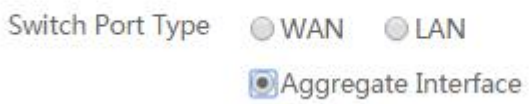
DHCP Pool Size: Input the total amount of IP address assigned to the users.

Lease time (Min): Enter the total time of the leased IP address assigned by the DHCP server.

DNS1: Input the IP address of the primary DNS server.

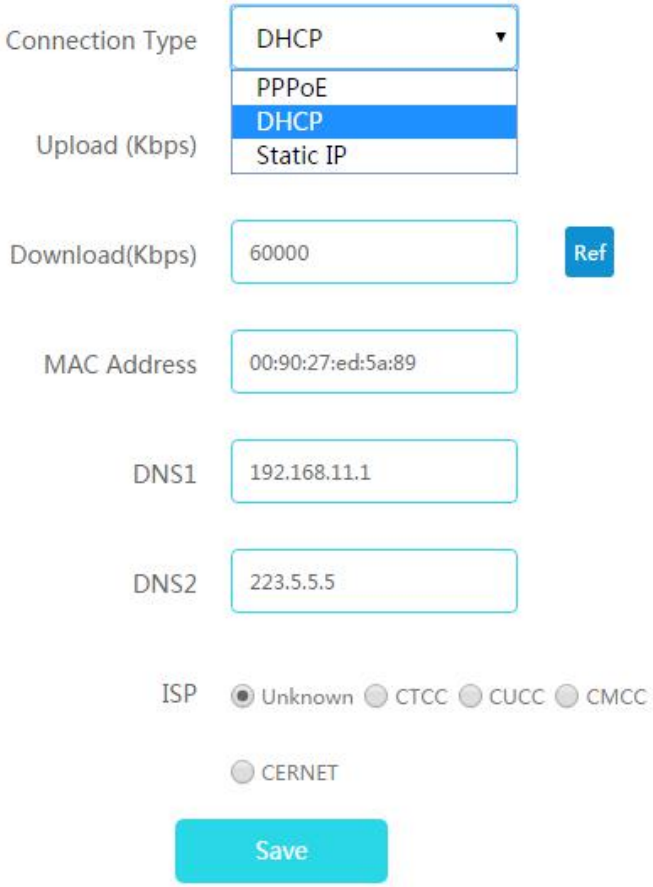
DNS2: Input the IP address of the secondary DNS server. This entry is optional and used only if the primary server is not responding.

W/L: Display two options of WAN or LAN to choose. The configuration is the same as LAN and WAN.



Switch Port Type: On the LAN and W/L interfaces, there is an option. When two interfaces select the aggregate interface, their IP addresses are same. They are equivalent of one port.

WAN:

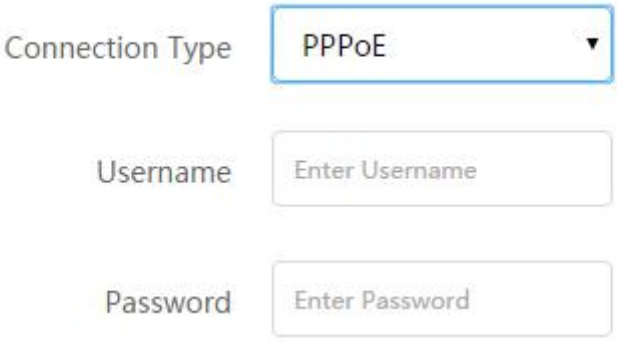


Connection Type: Choose the connection type according to the network environment.

The device user can select three types of the DHCP, PPPoE and Static IP. As shown in the picture below.

——DHCP:

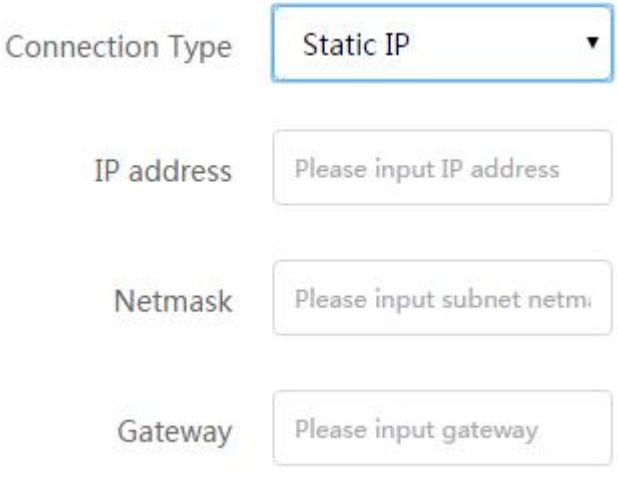
——PPPoE:



Username: Enter the username. Enter the username to connect to the PPPoE server.

Password: Enter the password. Enter the password to connect to the PPPoE server.

——Static IP:



IP address: Input the IP address if your ISP has assigned static network settings to your network.

Netmask: Input the subnet mask.

Gateway: Enter the IP address of the ISP's gateway server, which provides the point of connection to the Internet.

Upload/Download: Input the numbers to limit the upload and download speed.

MAC Address: Display the MAC address of the interface.

DNS1/DNS2: the DNS translate domain names to IP addresses. Input the server IP address that the users for translation.

ISP: Select the local ISP.

3.1.2 Bridge

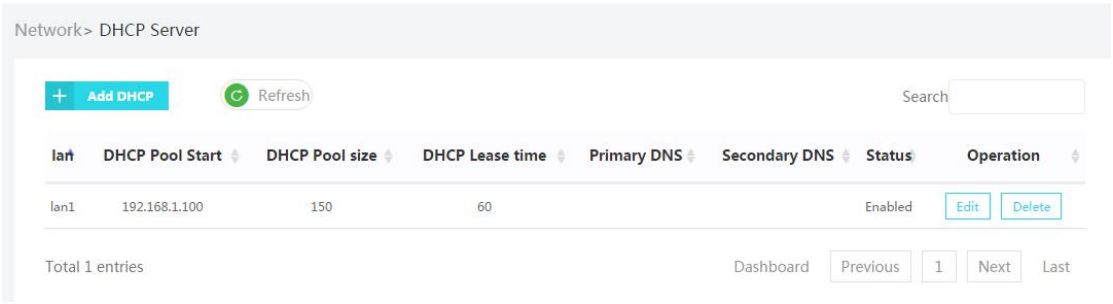
Select this option to bridge the LAN interfaces into a single network.

Input IP, subnet mask, gateway and DNS.

3.1.3 Bypass

The mode is for bypass authentication. Input IP, subnet mask, gateway and DNS.

3.2 DHCP Server



LAN: The interface that connects to the user is displayed.

DHCP Pool Start: Display the start of the connected users' IP address.

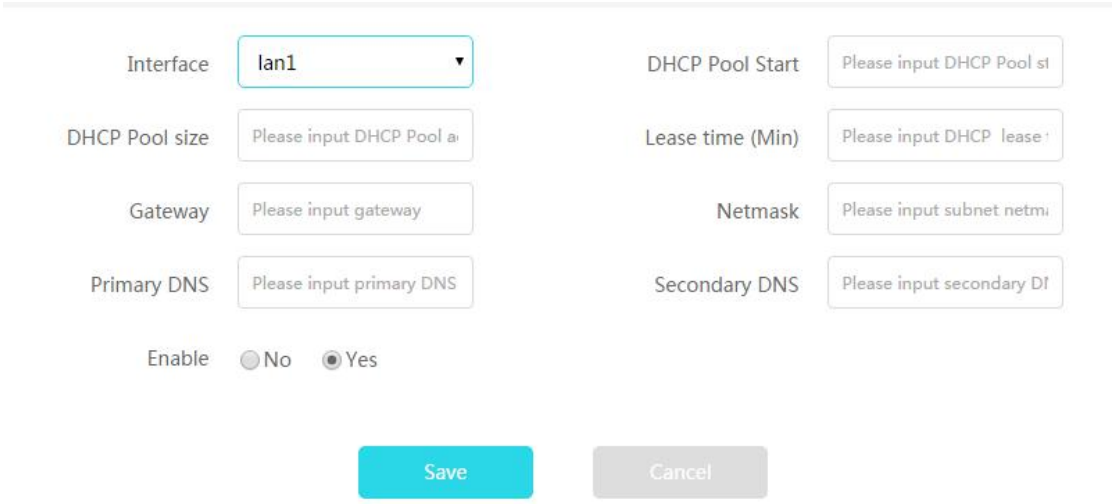
DHCP Pool Size: Display the total number of IP address which the DHCP server assigns IP address from the pool of IP address.

Primary/Secondary DNS: The IP address of the DNS server is displayed.

Status: Display the status of the DHCP server.

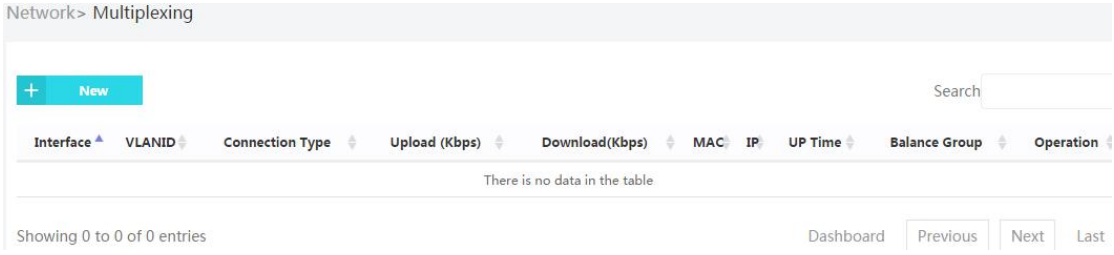
Operation: Display two options of edit and delete.

Add VHCP: Click Add VHCP to add another new DHCP server. As shown in the below.



- **Interface:** Select the appropriate interface.
- **DHCP Pool Start:** Input the starting IP address of the range.
- **DHCP Pool Size:** Input the total number of IP address which the DHCP server assigns.
- **Lease time (Min):** Input the period of time that a DHCP lease should last.
- **Gateway:** Enter the IP address of the gateway.
- **Netmask:** Enter the netmask which define the address space of the network segment.
- **Primary/Secondary DNS:** Enter the primary and secondary DNS.
- **Enable:** Select yes or not.

3.3 Multiplexing



Interface: Display the name of the interface.

VLANID: Display the VLAN ID.

Connection Type: The connection type is displayed.

Upload (Kbps): The upload speed is displayed.

Download (Kbps): The download speed is displayed.

MAC: Display the MAC address of the connected user.

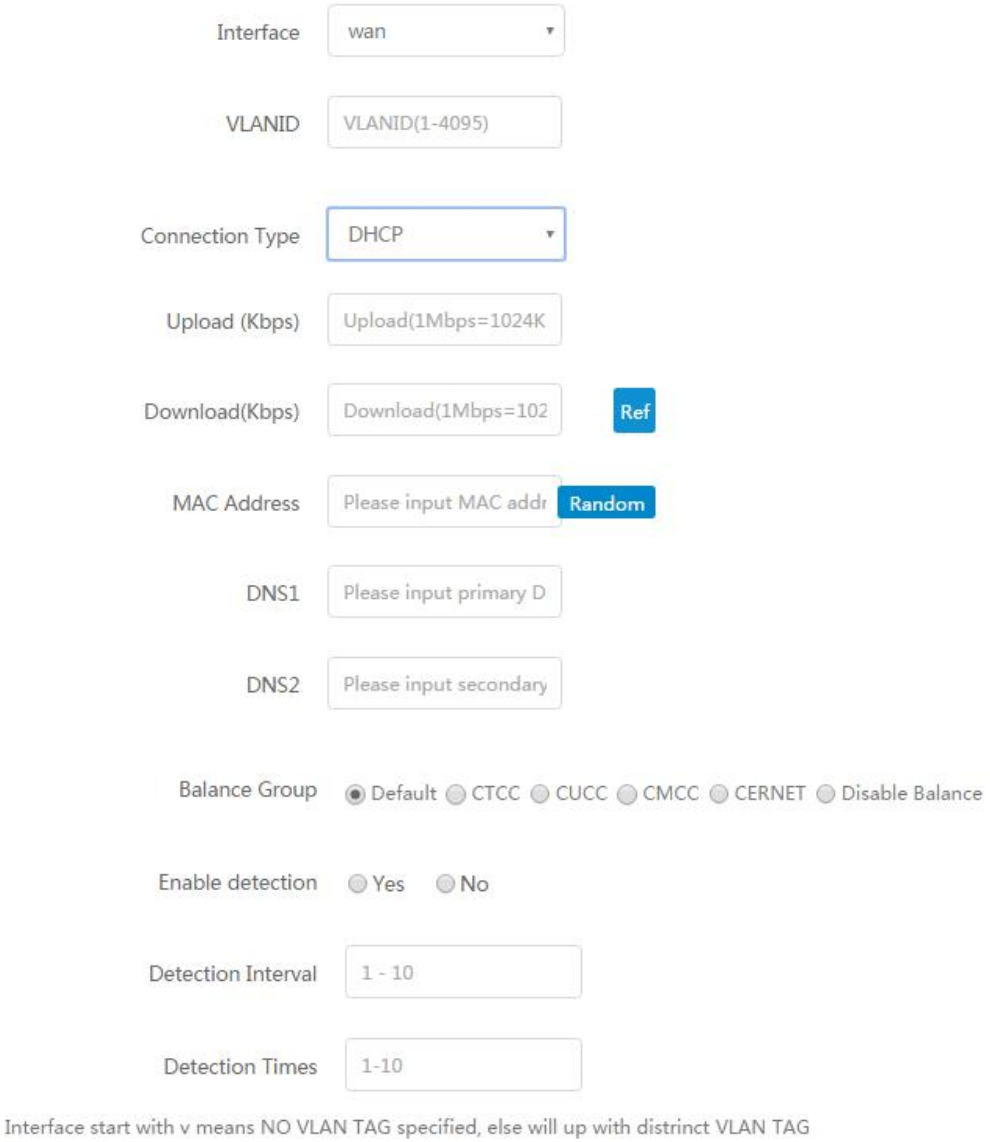
IP: Display the IP address of the connected user.

UP Time: The duration of the user's access is displayed.

Balance Group: Display the group to balance the ISP.

Operation: Edit or delete the configuration.

New:



•**Interface:** Select the name of the interface.

•**VLANID:** Input a unique VLAN ID from 1 to 4095.

•**Connection Type:** Select the connection type.

•**Upload (Kbps):** Enter the upload speed.

•**Download (Kbps):** Enter the download speed.

• Ref: The reference of the bandwidth value.

• Random: To get a random MAC address, click it.

•**MAC:** Input the MAC address of the connected user.

•**DNS1:** Specify the IP address of the primary DNS server.

•**DNS2:** Specify the IP address of the secondary DNS server. This entry is optional and used only if the primary server is not responding.

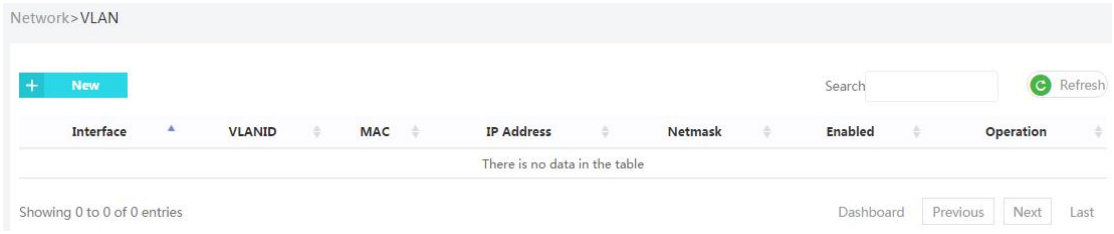
•**Balance Group:** Select the group to balance the ISP.

•**Enable Detection:** Select yes or not.

•**Detection Interval:** Enter the detection interval.

•**Detection Times:** Enter the detection times.

3.5 VLAN



Interface: Display the name of the interface.

VLANID: Display the VLAN ID.

MAC: Display the MAC address of the connected user.

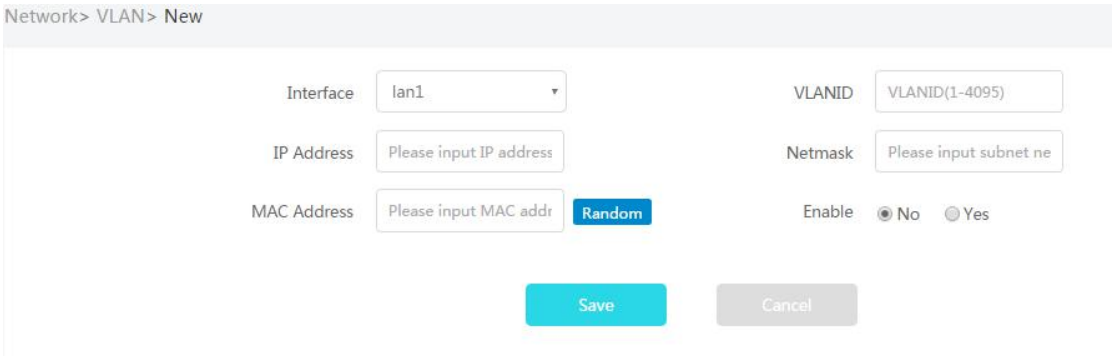
IP Address: The IP address of the connected user is displayed.

Netmask: The subnet mask is displayed.

Enabled: Display the VLAN is enabled or not.

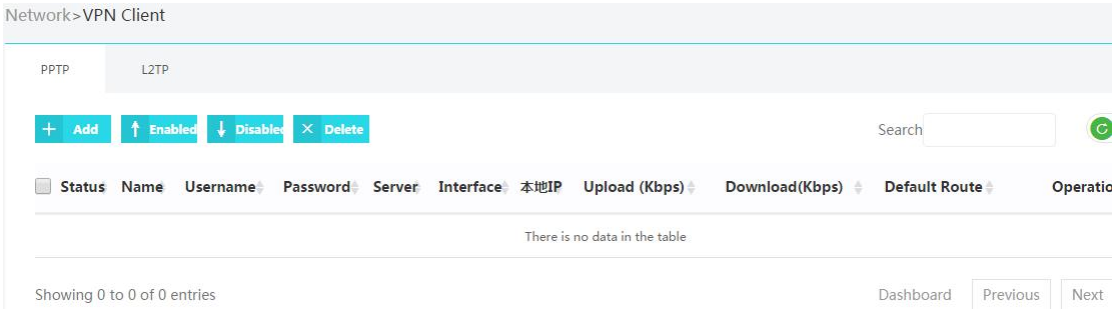
Operation: Edit or delete the configuration of the VLAN.

New:



- **Interface:** Select the name of the interface.
- **VLANID:** Input a unique VLAN ID from 1 to 4095.
- **IP Address:** Enter the IP address.
- **Netmask:** Input the subnet mask.
- **MAC:** Enter the MAC address.
- **Enabled:** Select Yes or No.

3.6 VPN Client



PPTP/L2TP: Display the two types of protocol VPN using.

Status: Display the status of VPN.

Name: The name of VPN is displayed.

Username: Display a account name of the user.

Password: Display the password.

Server: Display the IP address that VPN client will connect to.

Interface: Display the connection interface.

Local IP: The IP address of the VPN client is displayed.

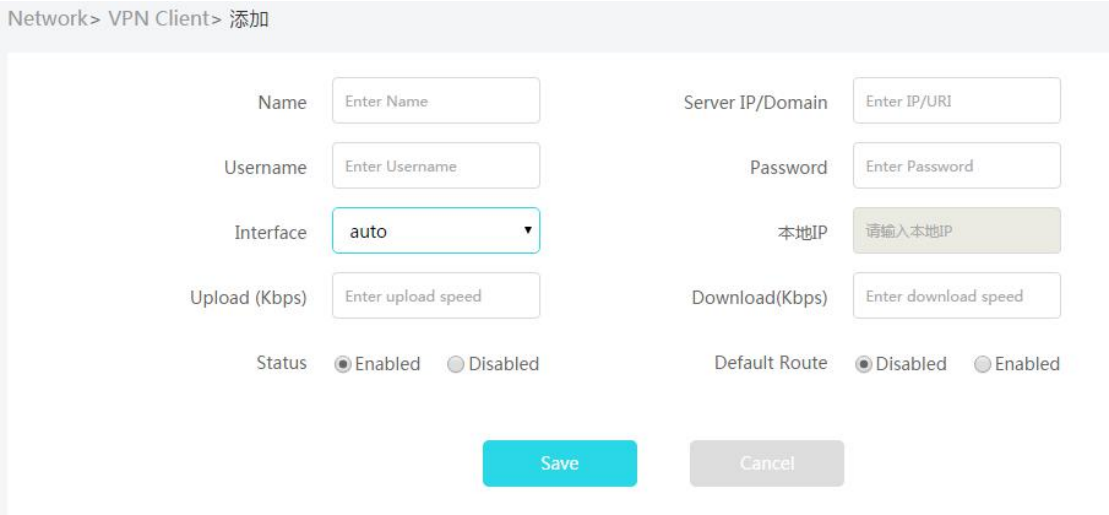
Upload(Kbps): The limitation of uploading.

Download(Kbps): The limitation of downloading.

Default Route: Display the default route which is enabled or disabled.

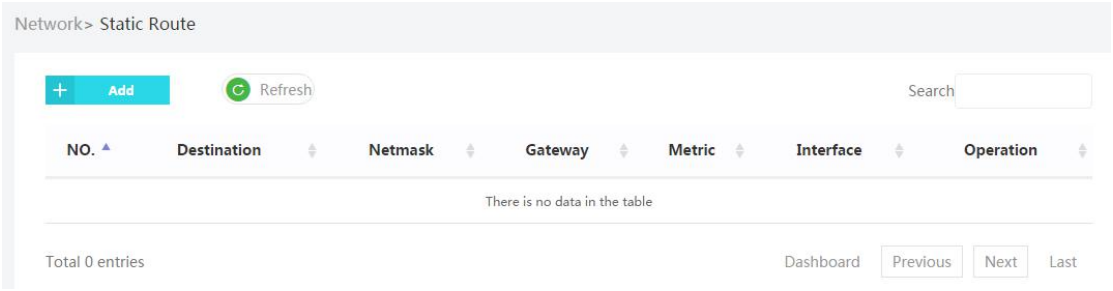
Operation: Display three options to choose from.

Add:



- **Name:** Enter the VPN' s name.
- **Sever IP/Domain:** Enter the IP address that VPN client will connect to.
- **Username:** Enter a account name of the user.
- **Password:** Enter the password.
- **Interface:** Select which ports to connect the server.
- **Local IP:** Enter the IP address of the VPN client
- **Upload (Kbps):** Input the upload speed.
- **Download (Kbps):** Input the download speed.
- **Status:** Select enabled or disabled.
- **Default Route:** Select enabled or disabled.

3.6 Static Route:



NO.: Show the counts of the static route.

Destination: Display the IP address of the destination.

Netmask: Display the netmask of the destination.

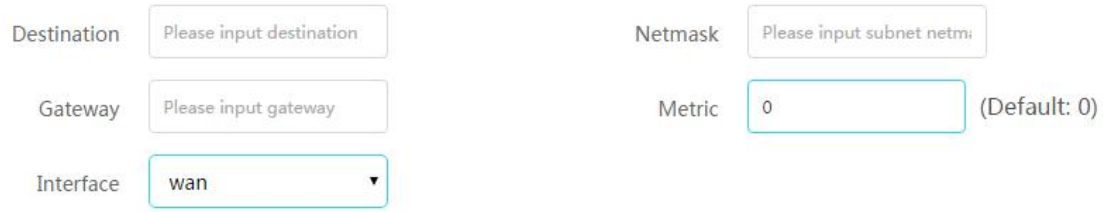
Gateway: The IP address of the gateway is displayed.

Metric: To select a route for the routing, use the metric.

Interface: Display the port of the static route uses.

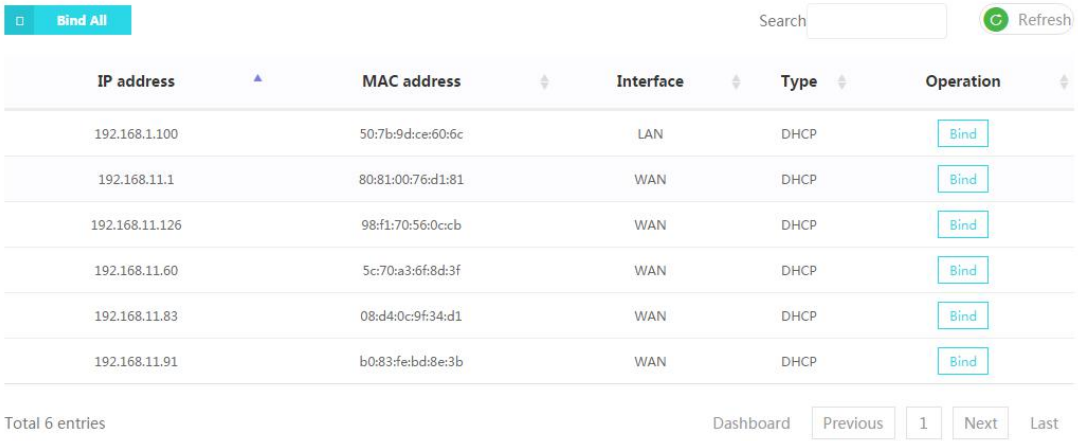
Operation: To delete the static route, click Delete.

Add:



- **Destination:** Input the IP address of the destination.
- **Netmask:** Input the netmask of the destination.
- **Gateway:** Enter the IP address of the gateway.
- **Metric:** Enter the number for static route.
- **Interface:** Select the port of the static route uses.

3.7 ARP Table



IP address: Display the IP address assigned to a network device.

MAC address: Display the MAC address of the device.

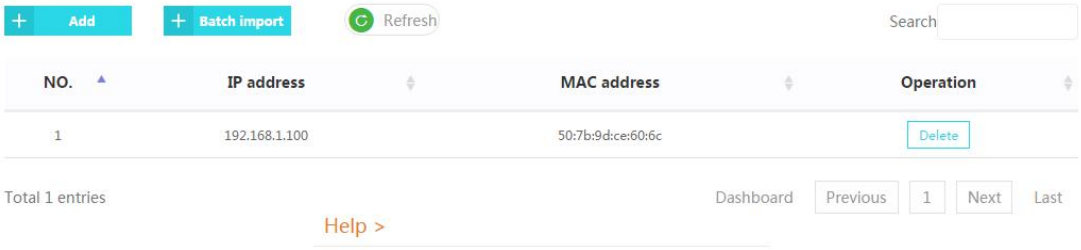
Interface: Display the interface that connects to the device.

Type: The type of the interface is displayed.

Operation: To associate each IP address to the unique hardware MAC address of each device on the network, click Bind.

Bind All: To bind them all, click Bind All.

3.8 ARP Binding



NO.: Display the number of total users who are bound.

IP Address: Display the bound users' IP address.

MAC Address: Display the bound users' MAC address.

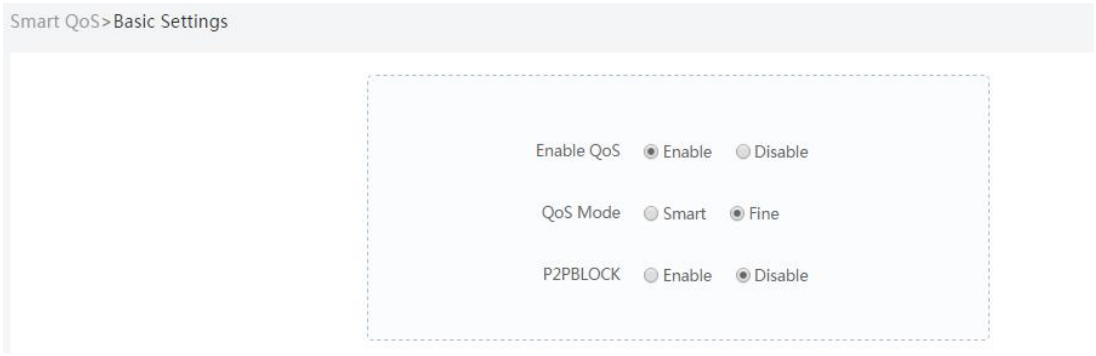
Operation: To remove the binding, click Delete.

Add: To bind manually, input the IP address and the MAC address.

Batch import: To batch import, click Batch import to choose the bound file.

Chapter 4 QoS

4.1 Basic Settings

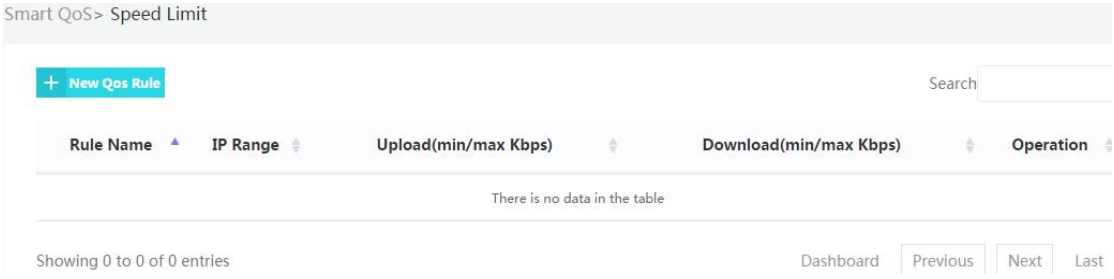


Enable QoS: Select QoS is enabled or disabled.

QoS Mode: Display the two options of smart and fine.

P2PBLOCK: Select enable or disable.

4.2 Speed Limit



Rule Name: Display the rule name.

IP Range: Display the range of IP.

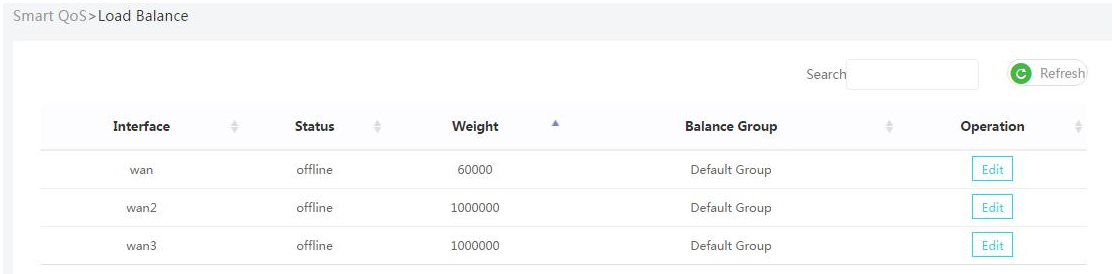
Upload (min/max Kbps): Display the minimum and maximum upload speed.

Download(min/max Kbps): Display the min and max download speed.

Operation: To remove the QoS, click Delete.

New QoS Rule: To create a new category, click New QoS Rule.

4.3 Load Balance



Interface: Display the name of WAN.

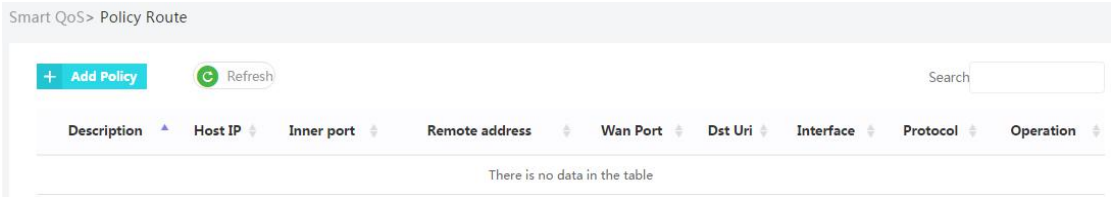
Status: The connection status of interface is displayed.

Weight: Display the download speed.

Balance Group: Display the group name.

Operation: To edit load balance, click Edit

4.4 Policy Route



Description: Display the name of the policy route.

Host IP: Display the host IP address.

Inner port: Display the inner port.

Remote Address: Display the remote IP address.

Wan port: Display the port of the WAN.

Dst Uri: The remote domains are displayed.

Interface: Display the name of the interface.

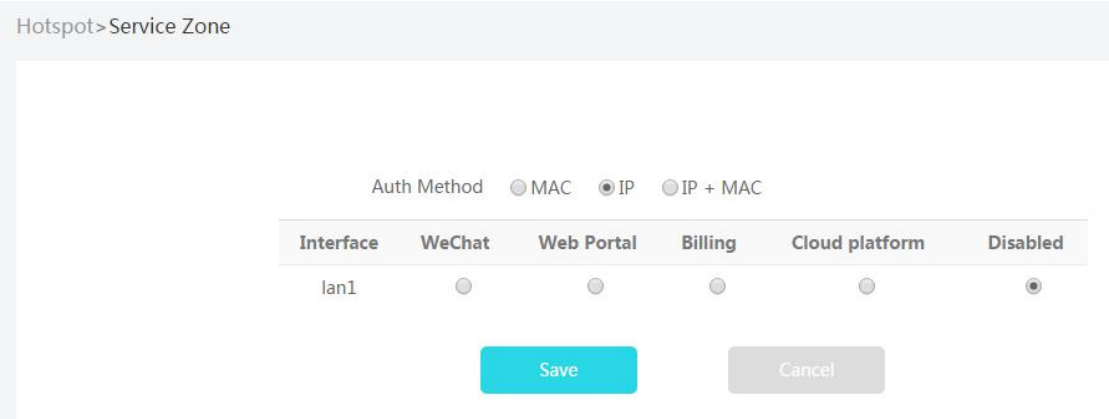
Protocol: Display the type of the protocol.

Operation: Two options can choose to edit or delete.

Add Policy: To create a new category, click Add Policy.

Chapter 5 Hotspot

5.1 Service Zone



5.1.1 Auth Method

IP: The authentication is based on IP address. If the user's IP address is changed, the user should authenticate again.

MAC: The authentication is based on MAC address. If the user's IP address is changed, no need to authenticate again.

IP+MAC: This authentication needs IP and MAC address to be confirm.

5.1.2 Authentication Types:

Interface: Display the name of the interface.

WeChat: Use the wechat to authenticate device.

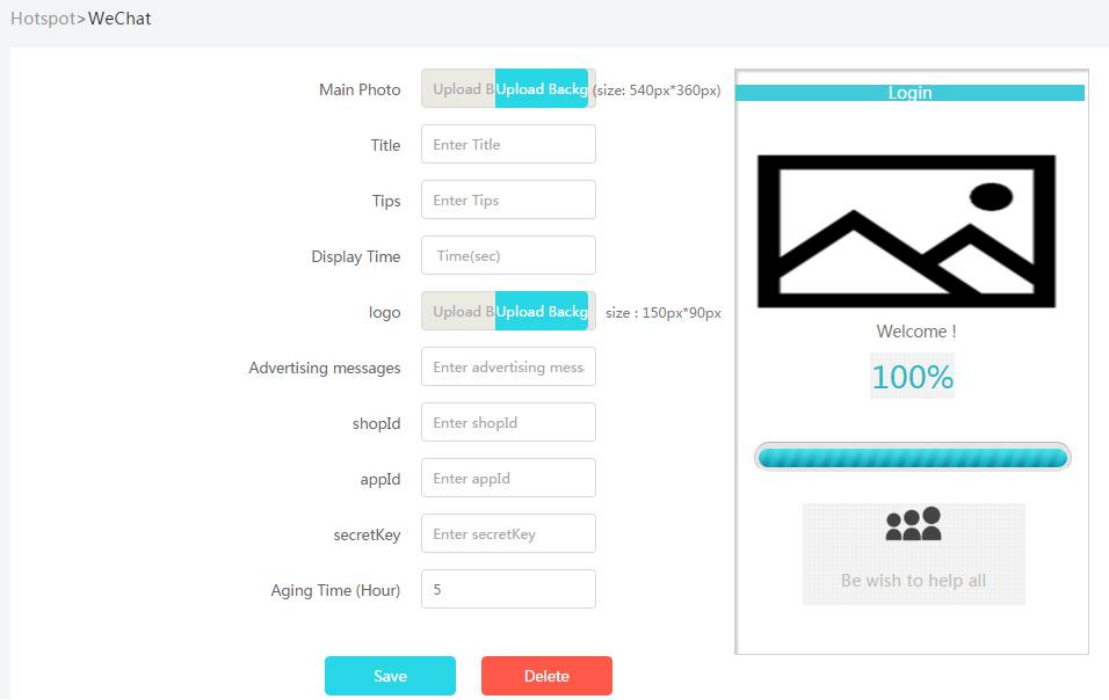
Web Portal: The user can authenticate device through the web portal.

Billing: The user can authenticate device through the billing platform.

Cloud Platform: The user can authenticate device through the cloud platform.

Disabled: No authentication is used.

5.2 WeChat



Main Photo: Upload the picture of the authentication interface.

Title: Enter the title of the authentication interface.

Tips: Enter the tips of interface.

Display Time: Enter the time of displaying the interface.

Logo: Upload the logo you want.

Advertising messages: Input the advertising messages.

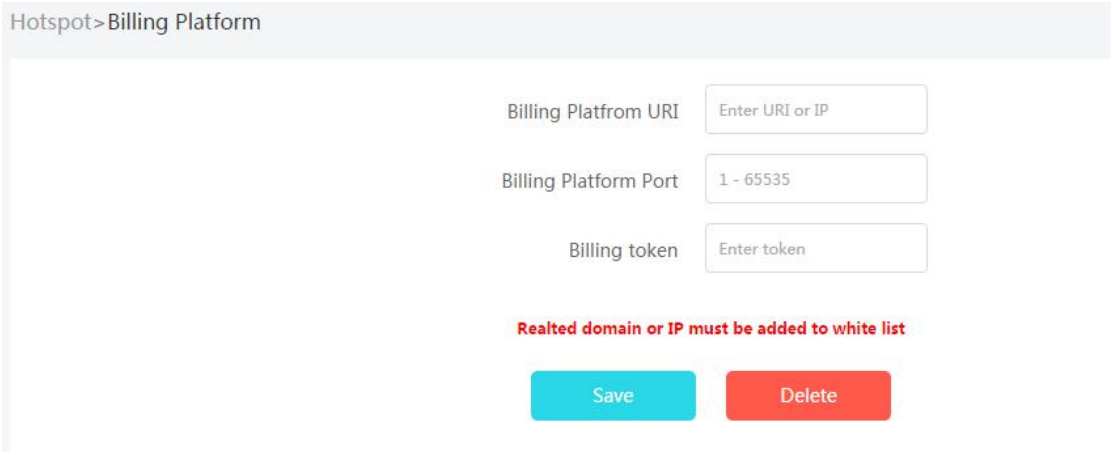
ShopID: Input the ID of the shop.

AppID: Input the ID of the app .

SecretKey: Enter the secret key.

Aging Time (Hour): Enter the aging time.

5.3 Billing Platform

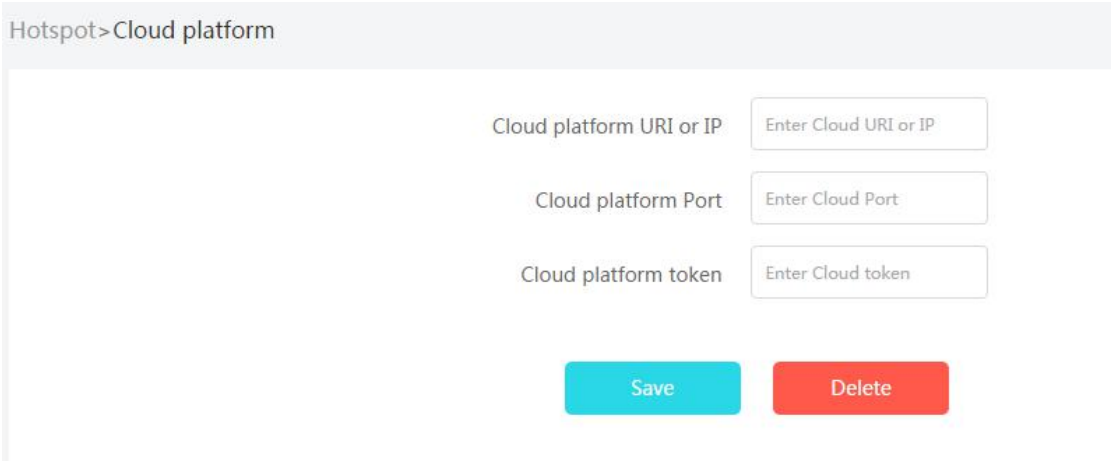


Billing Platform URI: Enter the billing platform' s URI or IP address.

Billing Platform Port: Input the port of the billing platform. The range is from 1 to 65535.

Billing Token: Enter the billing token.

5.4 Cloud platform

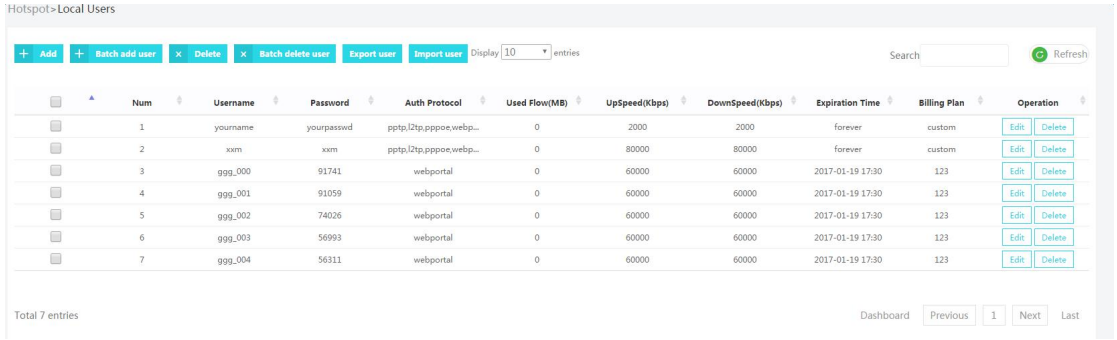


Cloud Platform URI or IP: Enter cloud platform's URL or IP address.

Cloud Platform Port: Enter the port of the cloud platform.

Cloud Platform Token: Enter the token of the cloud platform.

5.5 Local Users



Num: Display the number of accounts.

Username: Display the username of the account. The username must start with character.

Password: Display the password of the account.

Auth Protocol: The authentication protocols are displayed.

Used Flow(MB): Display flow values already used.

UpSpeed: Display the upload speed of the account.

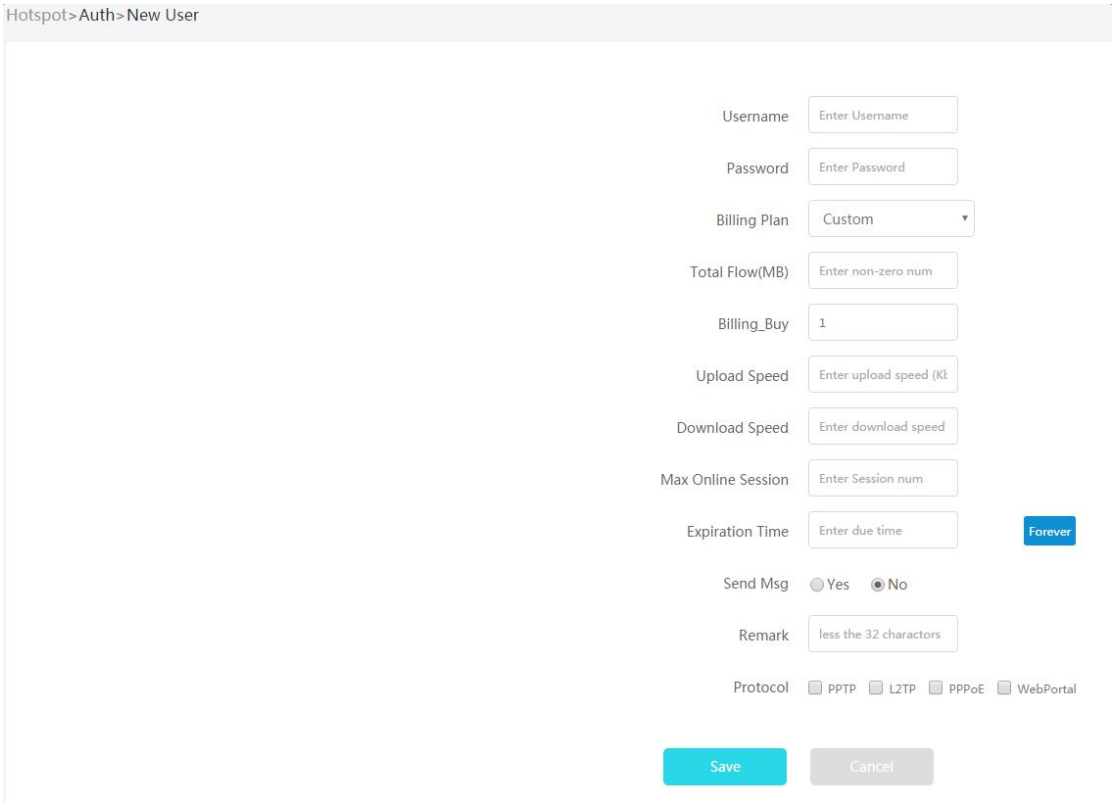
DownSpeed: Display the download speed of the account.

Expiration time: The expiration time of the account is displayed.

Billing Plan: Display selected the billing plan.

Operation: To edit or delete the account, click Edit or Delete.

Add:



•**Username:** Enter the username of the account. The username must start with character.

•**Password:** Enter the password of the account.

•**Billing Plan:** Choose what you want billing plan.

•**Total Flow(MB):** Set the total flow.num is non-zero.

•**Billing_Buy:** The number of packages purchased.

•**Upload Speed:** Enter the upload speed of the account.

•**Download Speed:** Enter the download speed of the account.

•**Max Online Session:** Input number of the maximum online session.

•**Expiration:** Input the due time of the account or click Forever.

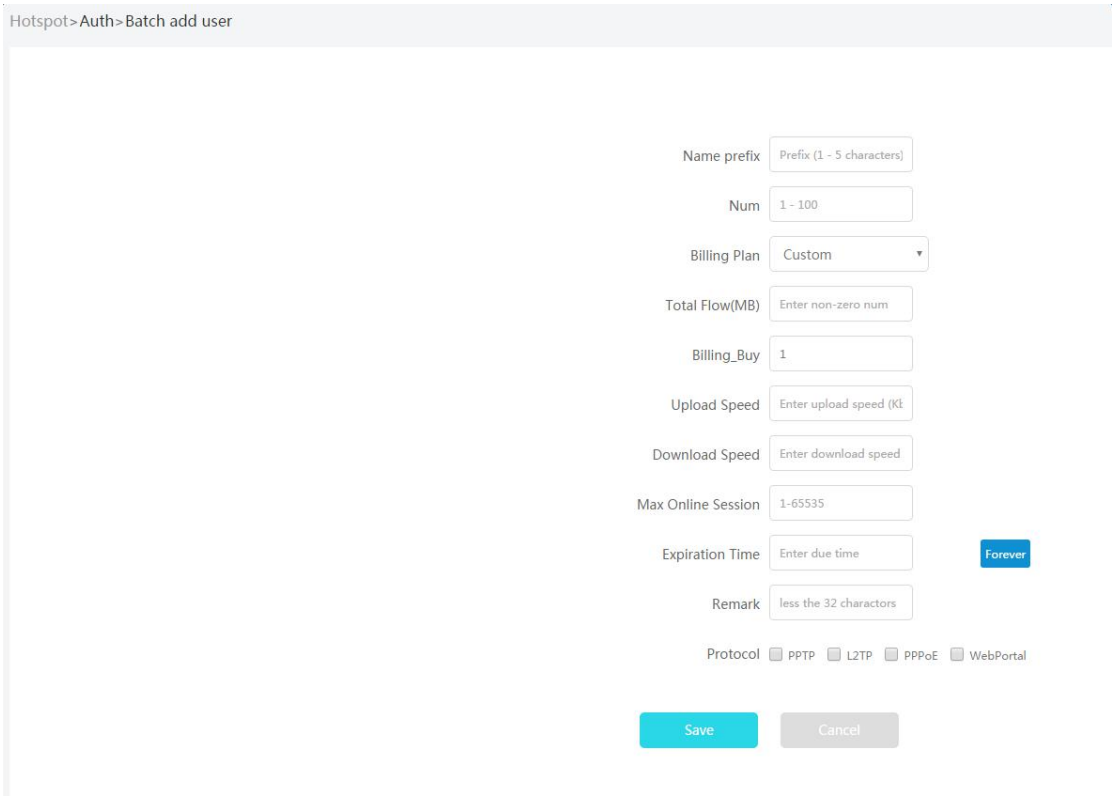
•**Expiration Notice:** Input the time in advance to notice the user that the account will become due.

•**Send Msg:** Select yes or not. When yes, Enter the telephone number.

•**Remark:** Make some remark (less the 32 characters).

•**Protocol:** Select one of the way to connect the Internet.

Batch add user:



•**Name Prefix:** Input the name prefix (1~5 characters).

•**Num:** Input the total number of accounts.

•**Billing Plan:** Choose what you want billing plan.

•**Total Flow(MB):** Set the total flow.num is non-zero.

•**Billing_Buy:** The number of packages purchased.

•**Upload Speed Limit (Kbps):** Enter the upload speed.

•**Download Speed:** Enter the download speed.

•**Max Online Session:** Input the number of the maximum online users.

•**Expiration Time:** Enter the due time.

•**Remark:** Input the remark of the account.

•**Protocol:** Select the protocol, such as PPTP, L2TP, PPPoE and WebPotal.

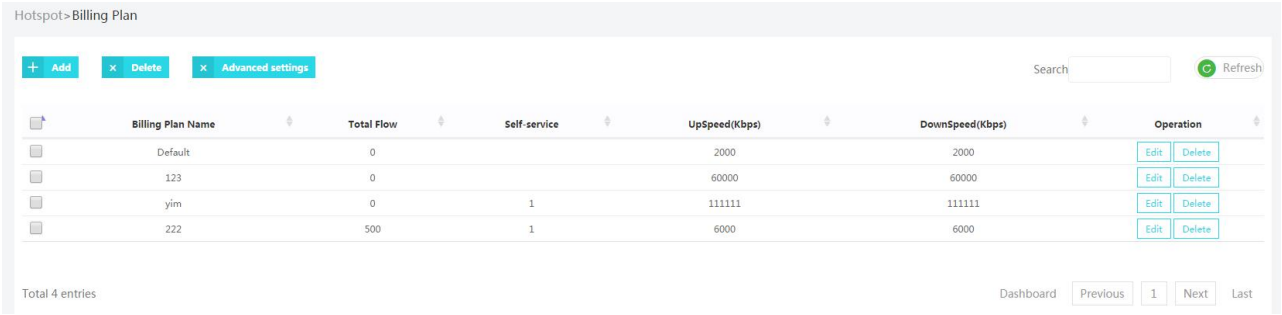
Delete: To delete the account, click Delete.

Batch Delete User: To batch delete users, click it.

Export User: Export the list of the accounts.

Import User: Import the list of the accounts.

5.6 Billing Plan



Billing Plan Name: Display the name of the billing plan.

Total Flow: Display the upload flow. The unit is MB.

Self-service: Yes and no option, you can help determine the effective time.

UpSpeed (Kbps): Display the upload speed. The unit is Kbps.

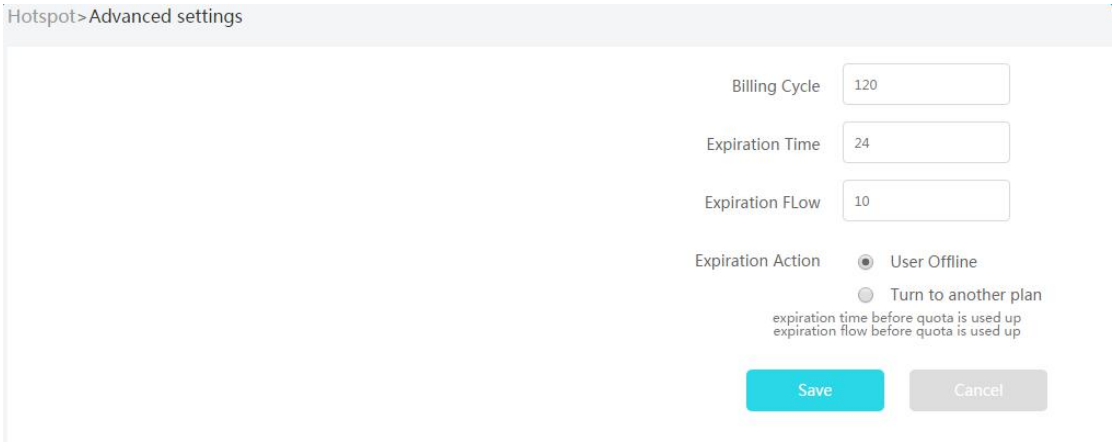
DownSpeed (Kbps): Display the download speed. The unit is Kbps.

Operation: To edit or delete the plan, click it.

Add: To add a new billing plan, click **Add**.

Delete: To delete the new plan, click **Delete**.

advanced settings:



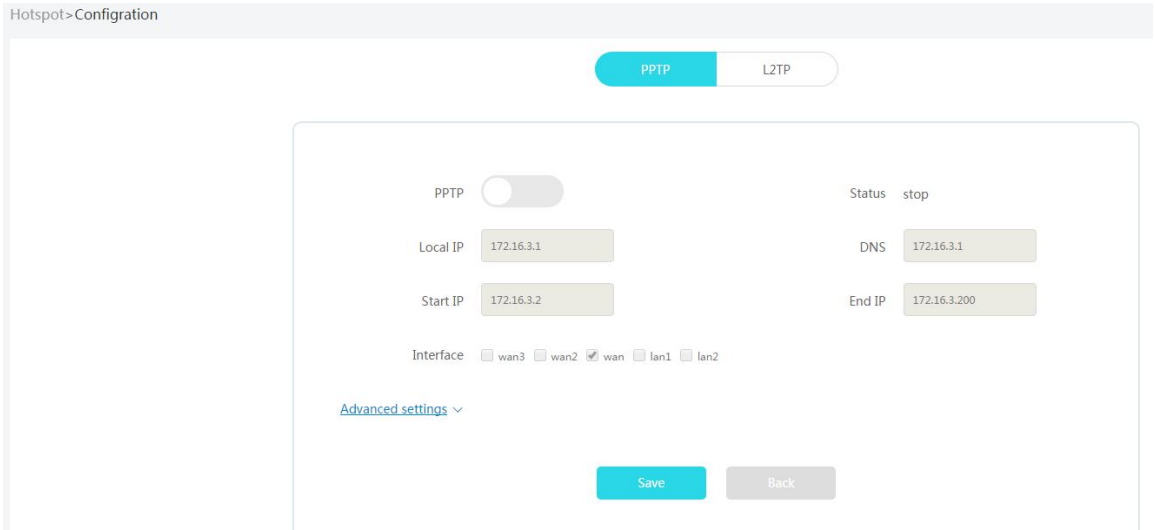
Billing Cycle: For billing to start a cycle. The unit is hour.

Expiration Time: expiration time before quota is used up.

Expiration Flow: expiration flow before quota is used up.

Expiration Action: Select reminder action.

5.7 Configuration



PPTP/L2TP: Display status information about PPTP and L2TP VPN options.

Status: Display the status of the VPN server.

Local IP: Specify the local IP address.

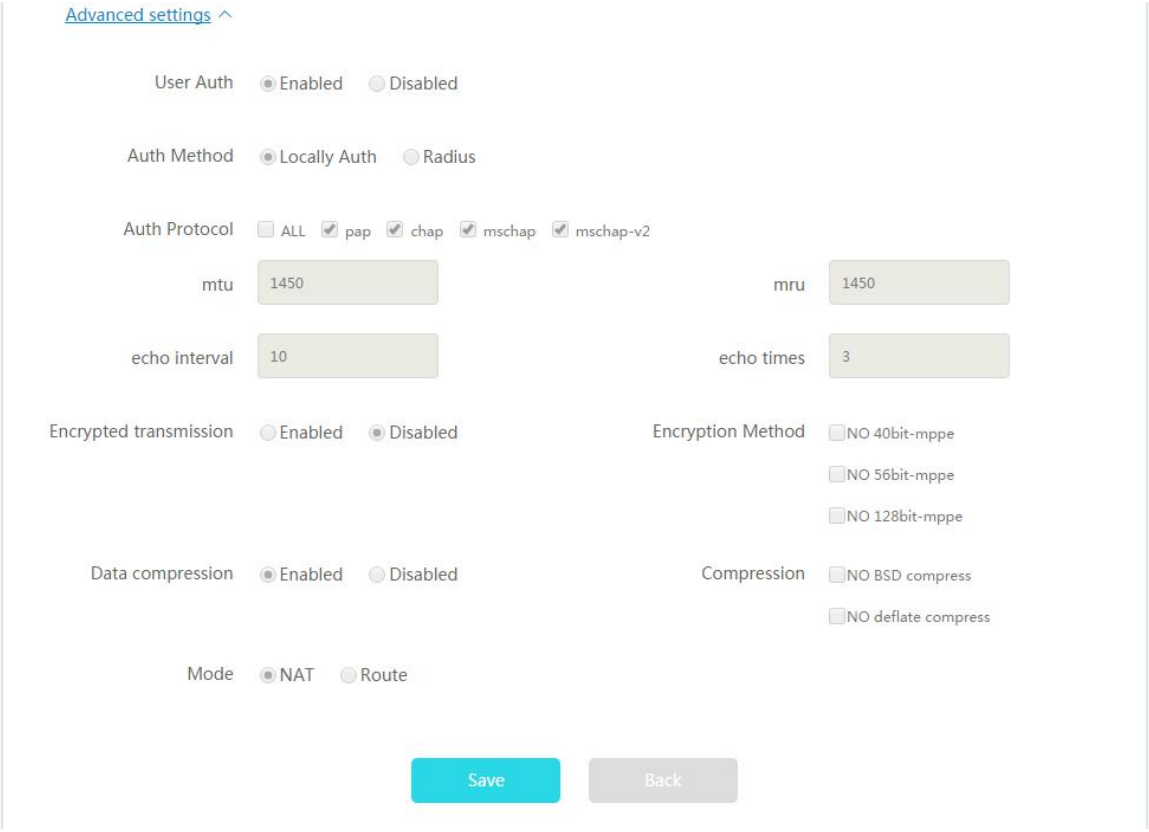
DNS: Specify the IP address of the DNS server.

Start IP: Enter the starting IP address of the range.

End IP: Enter the last IP address of the range.

Interface: Select the appropriate interface.

Advanced Settings:



•**User Auth:** Select enable or disable the user authentication.

•**Auth Method:** Select the local authentication or radius authentication.

•**Auth Protocol:** Choose the protocol of the authentication

•**MTU:** Enter the MTU value, which is the maximum packet size (in bytes) that the network can transmit. The default value is 1450.

•**MRU:** Enter the MRU value, which is the maximum packet size (in bytes) that the network can receive. The default value is 1450.

•**Echo Interval:** Specify the interval time (in seconds) of abnormal disconnection.

•**Echo Times:** Specify the times of abnormal disconnection.

•**Encrypted Transmission:** Enable or disable the encrypted transmission.

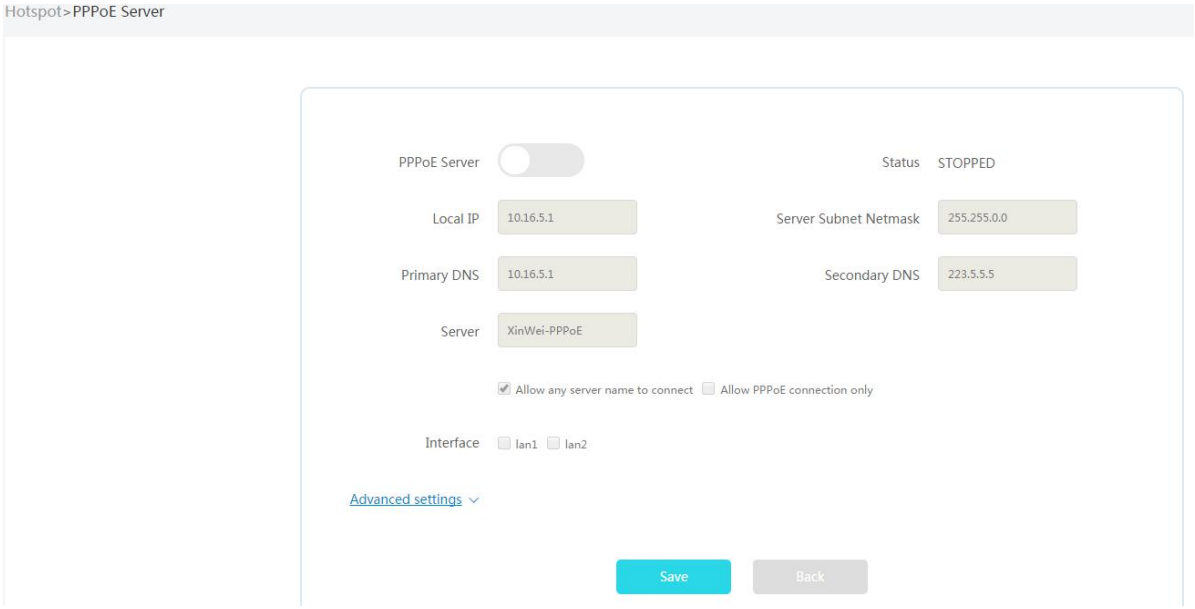
•**Encryption Method:** Select the encryption method.

•**Data Compression:** Enable or disable the data compression.

•**Compression:** Select the way of compression.

•**Mode:** Select the working mode of NAT or Route.

5.8 PPPoE Server



PPPoE Server: To enable the PPPoE Server, click it.

Status: Display the status of the PPPoE Server.

Local IP: Specify the local IP address.

Server Subnet Network: Define the address space of the network segment.

Primary DNS: Enter the IP address of the primary remote access DNS server that your PPPoE client will use.

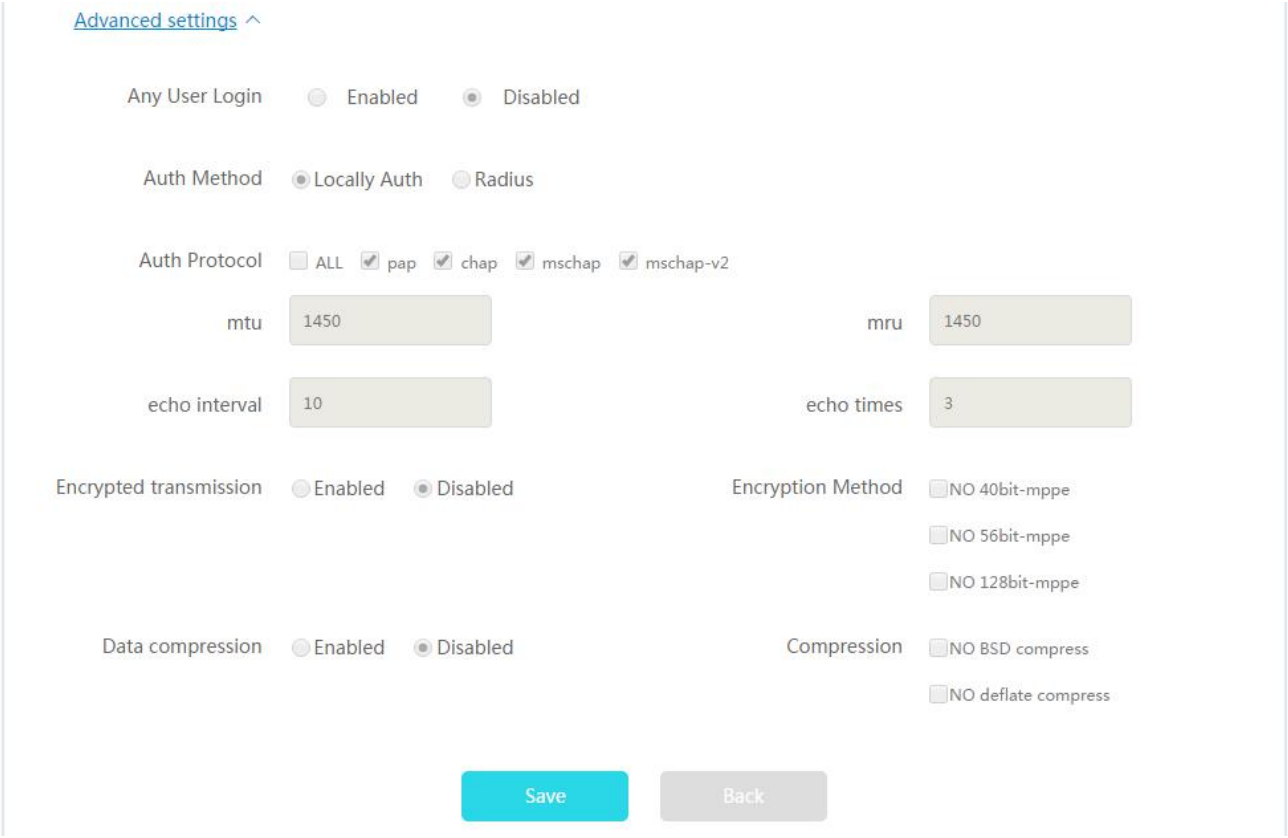
Secondary DNS: Enter the IP address of the secondary remote access DNS server.

Server: Configure the PPPoE server to access the remote PPPoE client.

Allow any server name to connect Allow PPPoE connection only : Display the two options to choose. First, any server can be connected. Second, only the PPPoE server can be connected.

Interface: Select the appropriate interface.

Advanced Settings:



•**Any User Login:** Select enable or disable the user login.

•**Auth Method:** Select the local authentication or radius authentication.

•**Auth Protocol:** Choose the protocol of the authentication

•**MTU:** Enter the MTU value, which is the maximum packet size (in bytes) that the network can transmit. The default value is 1450.

•**MRU:** Enter the MRU value, which is the maximum packet size (in bytes) that the network can receive. The default value is 1450.

•**Echo Interval:** Specify the interval time (in seconds) of abnormal disconnection.

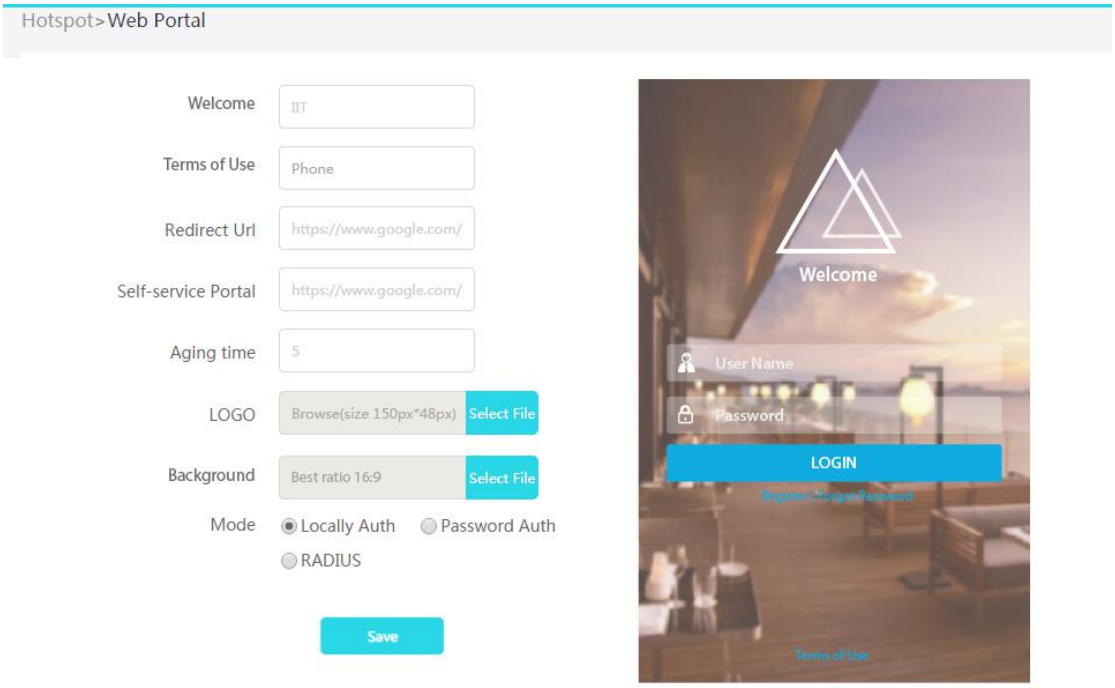
•**Echo Times:** Specify the times of abnormal disconnection.

•**Encrypted Transmission:** Enable or disable the encrypted transmission.

•**Encryption Method:** Select the encryption method.

•**Data Compression:** Enable or disable the data compression.

5.9 Web Portal



Welcome: The name of the hotspot.

Terms of Use: Specify the terms of use.

Redirect Url: After the success of the authentication, the website you input will be displayed.

Self-service Portal: Input the website of the self-service portal.

Aging time: When the network idle for a period of time offline, the user will authenticate again.

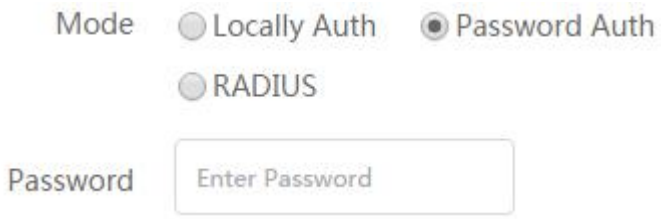
LOGO: Define the logo on the page. Upload the file manually or input the online address (start with https ://).

Background: Specify the picture manually or enter the online address (start with https ://).

Mode:

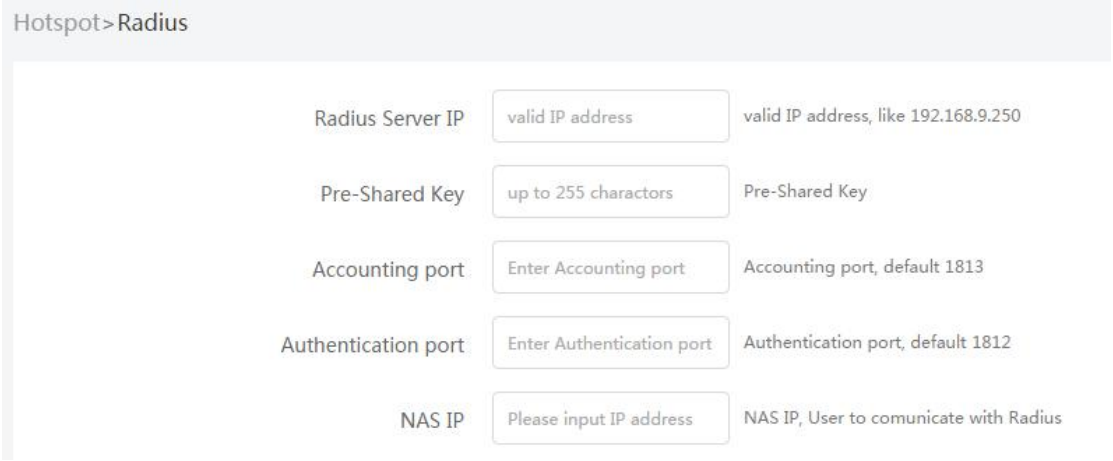
•**Locally Auth:** The username and password database come from the local list. Specify the user information through Hotspot->Local users.

•**Password Auth:** Choose the password auth as shown in the figure below. After specify the password, the user only enters the right password to get authenticated.



•**Radius:** The username and password database come from the radius server. Specify the relevant information through the Hotspot->Radius.

5.10 Radius



Radius Server IP: Enter the valid IP address of the radius server.

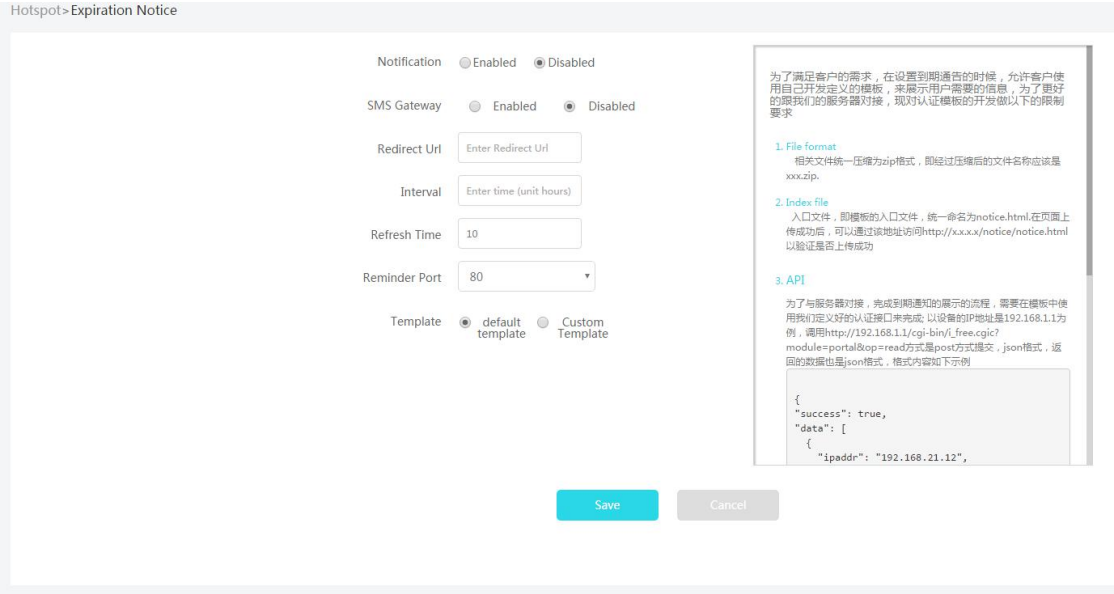
Pre-Shared Key: Input the shared key of the radius server.

Accounting Port: Enter the accounting port. The default value is 1813.

Authentication Port: Enter the authentication port. The default value is 1812.

NAS IP: Input the IP address to communicate with NAS users.

5.11 Expiration



Notification: Enable or disable the notification.

SMS Getway: Enable or disable the SMS Getway.

Redirect Url: Automatic jump address.

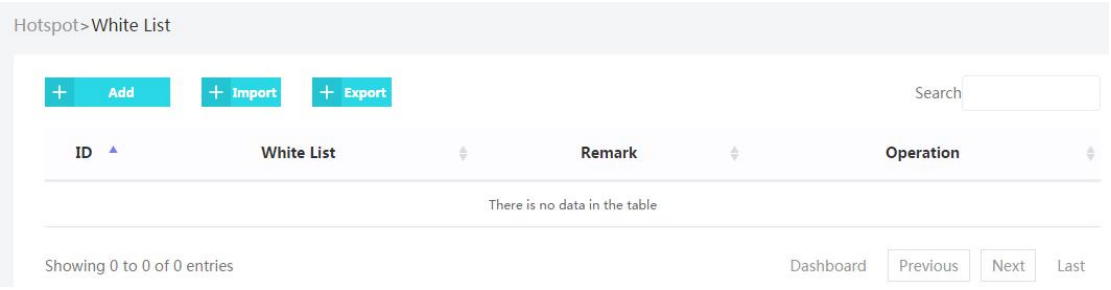
Interval: Interval of notification message.

Refresh Time: By this time it will be released to continue use flow until end.

Reminder Port: The port used for notification

Template: Display the default template and custom template. Select one of them.

5.12 White List



ID: The number of the item is displayed.

White List: Display the three options of the IP address, MAC address or domain in white list.

Remark: Display the remark to the item.

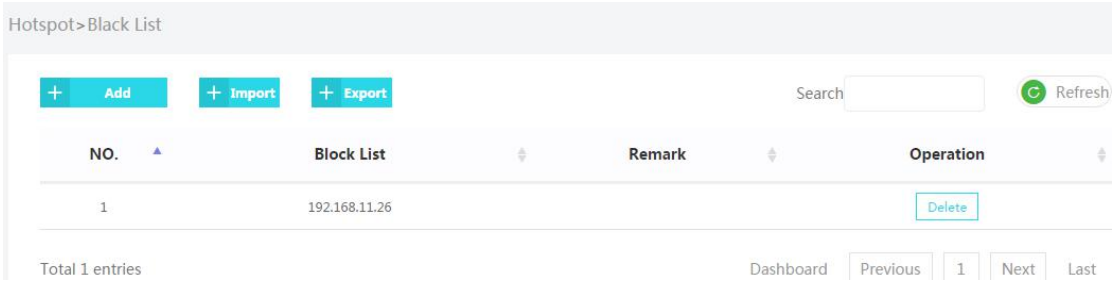
Operation: To delete the item, click it.

Add: To add a new item in white list, click Add.

Import: Import the file of the white list.

Export: Export the white list.

5.13 Black List



No.: The number of the item is displayed.

Black List: Display the three options of the IP address, MAC address or domain in black list.

Remark: Display the remark to the item.

Operation: To delete the item, click it.

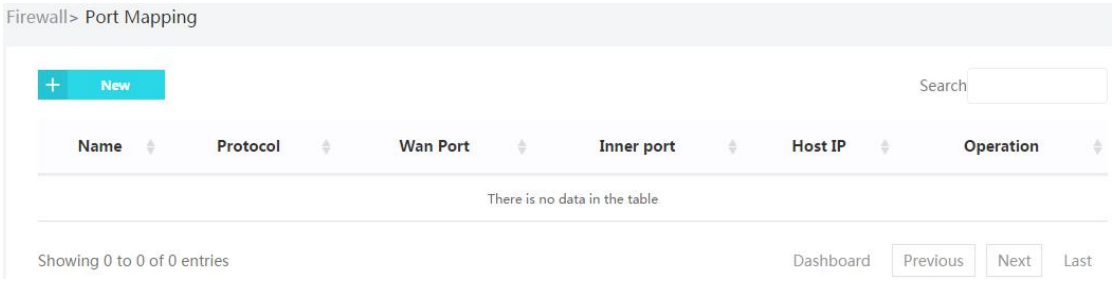
Add: To add a new item in black list, click Add.

Import: Import the file of the black list.

Export: Export the black list.

Chapter 6 Firewall

6.1 Port Mapping



Name: The name of port mapping is displayed.

Protocol: The protocol of port mapping is displayed.

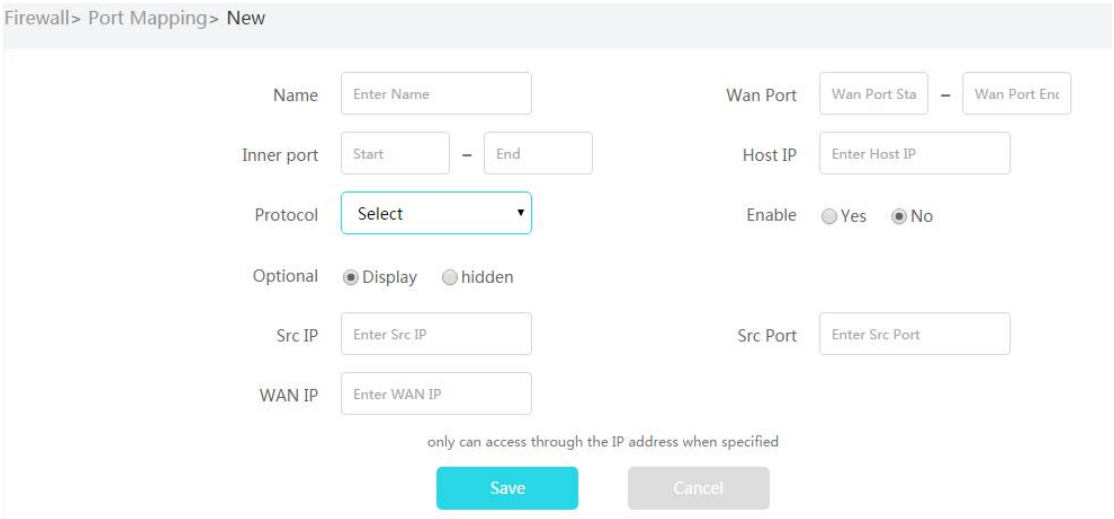
Wan Port: Display the wan port.

Inner Port: Display the inner port.

Host IP: Display the local host IP address.

Operation: Edit or delete the port mapping.

New:



- **Name:** Enter the name of port mapping.
- **Wan Port:** Input the start and end wan port.
- **Inner Port:** Input the start and end wan port.
- **Host IP:** Enter the local host IP address.
- **Protocol:** Select the appropriate protocol.

•**Enable:** Enable the port mapping or not.

•**Option:**

Display: To displa the optional items, click it.

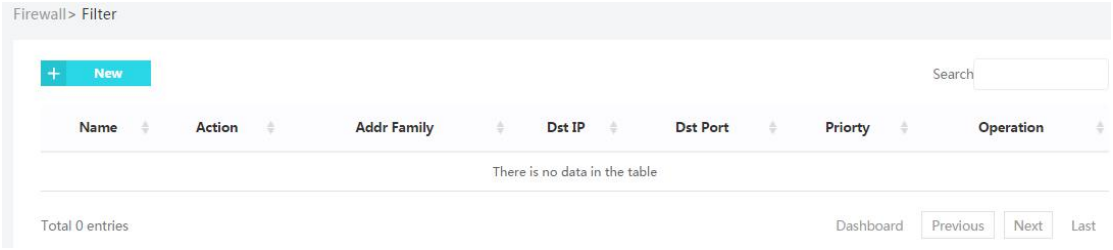
——Src IP: Enter the source IP address of the host system that sends the packets.

——Src Port: Enter the source port of the host system application that sends the packets.

——WAN IP: Enter the WAN IP address of the system which the packet is addressed to.

Hidden: To hide the optional items, click it.

6.2 Filter



Name: Display the name of the filter.

Action: The action of the filter is displayed.

Addr Family: Display the address family.

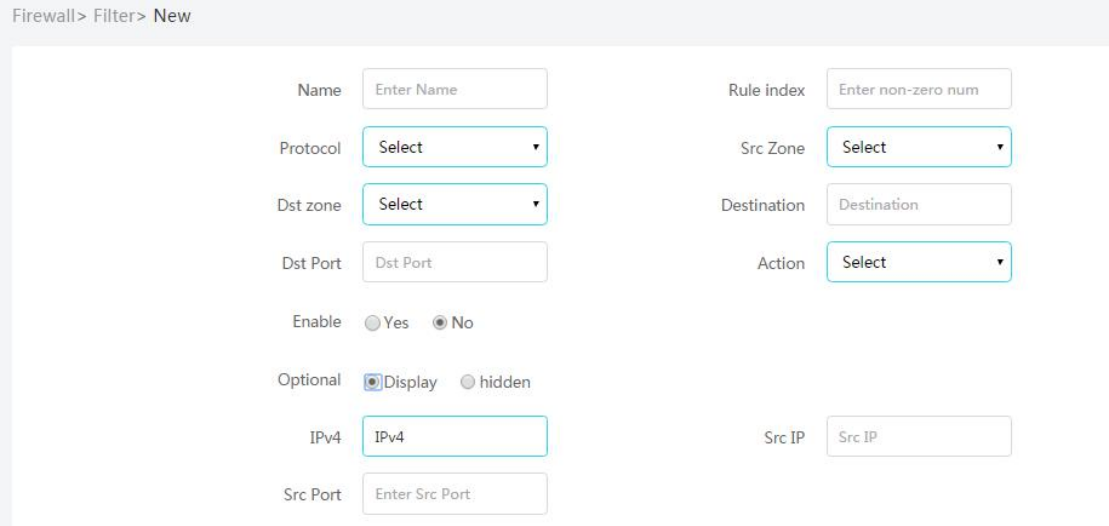
Dst IP: The destination IP address is displayed.

Dst Port: The destination port number is displayed.

Priorty: Display the priority level to the filter.

Operation: Edit or delete the filter.

New:



•**Name:** Enter the name of the filter.

•**Rule Index:** Enter number of the rule index.

•**Protocol:** Select the appropriate protocol.

•**Src Zone:** Select the LAN or WAN for source zone.

•**Dst Zone:** Select the LAN or WAN for destination zone.

•**Destination:** Input the destination IP address.

•**Dst Port:** Input the destination port number.

•**Action:** Display three options of drop, accept, reject to choose from.

•**Enable:** Enable the filter or not.

•**Optional:**

Display: To display the optional items, click it.

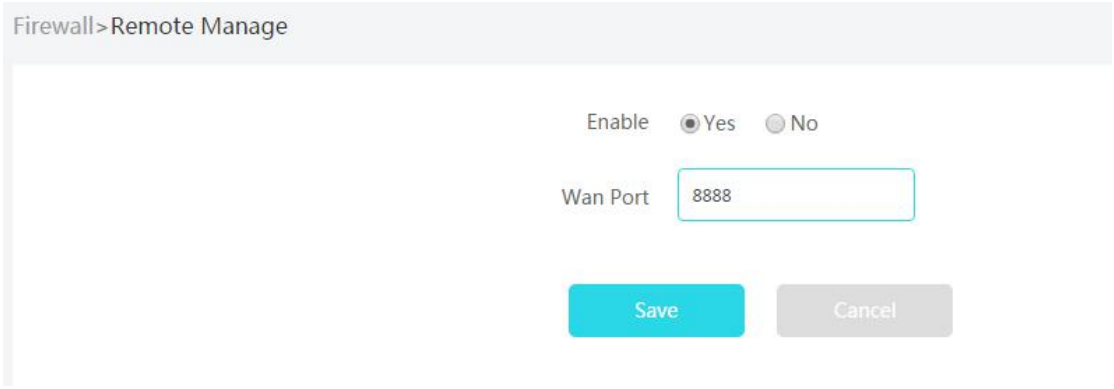
——**IPv4:** Display the format of IPv4 address.

——**Src IP:** Enter the source IP address.

——**Src Port:** Enter the source port number.

Hidden: To hide the optional items, click it.

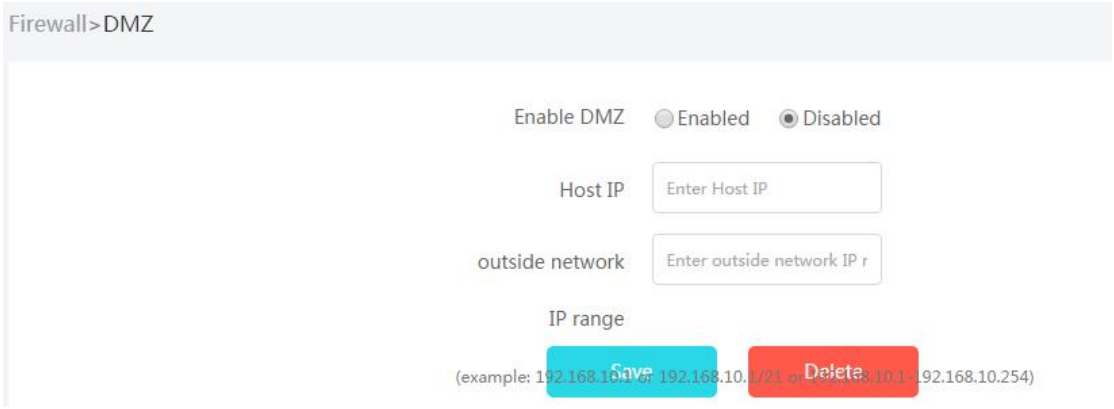
6.3 Remote Manager



Enable: Enable remote manager or not.

Wan Port: Enter the Wan port number.

6.4 DMZ



Enable DMZ: Enable or Disable DMZ.

Host IP: Enter the host IP address.

Outside Network: Enter the range of outside network IP address.

Chapter 7 Application

7.1 DDNS

Num: The number of the DDNS account is displayed.

Name: Display the name of the DDNS.

Interface: Display the appropriate interface.

Server: The DDNS server is displayed.

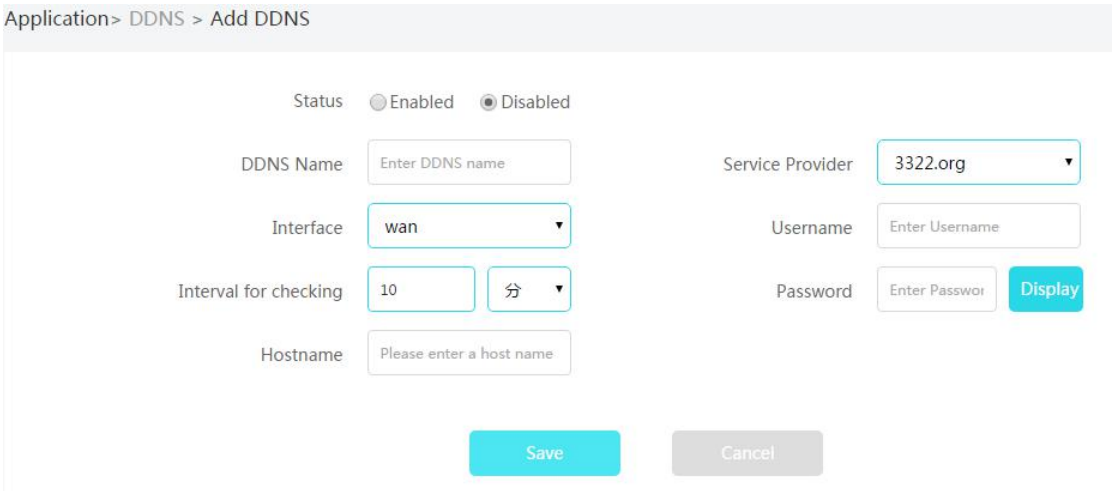
Domain: The DDNS service provider is displayed.

Status: Display the status of DDNS account.

IP address: Display the IP address that connects to the DDNS server.

Operation: Enable, edit or delete the DDNS account.

Add:



- **Status:** If enabled, the device allows communications with the DDNS server.
- **DDNS Name:** Enter the DDNS name.
- **Service Provider:** Select the 3322.org or Oray.net.
- **Interface:** Select the appropriate interface.
- **Username:** Enter the username of the DDNS account.

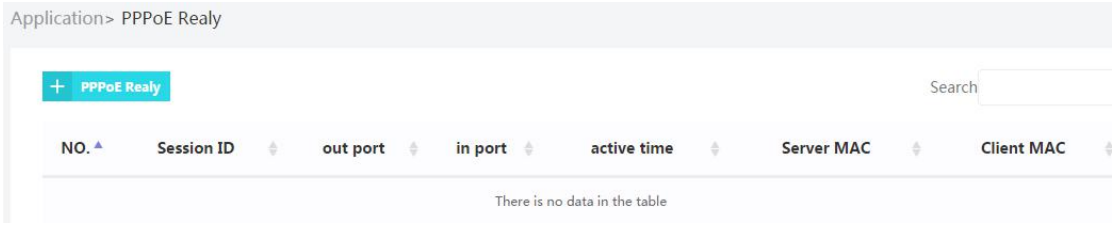
•**Password:** Enter the password of the DDNS account.

•**Interval for Checking:** Select the appropriate interval for checking.

•**Hostname:** Enter the hostname of the DDNS server.

Delete: Delete the DDNS account.

7.2 PPPoE Relay



No.: The number of the item is displayed.

Session ID: Display the session ID.

Out Port: Display the interface of the out port.

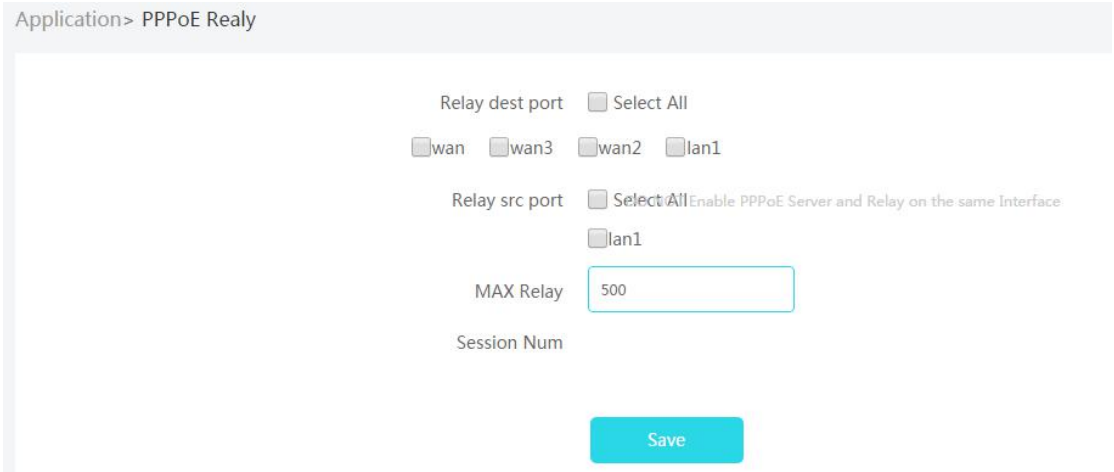
In Port: Display the interface of the in port.

Active Time: Display the online time recently.

Server MAC: The PPPoE server' MAC address is displayed.

Client MAC: The client' MAC address is displayed.

:

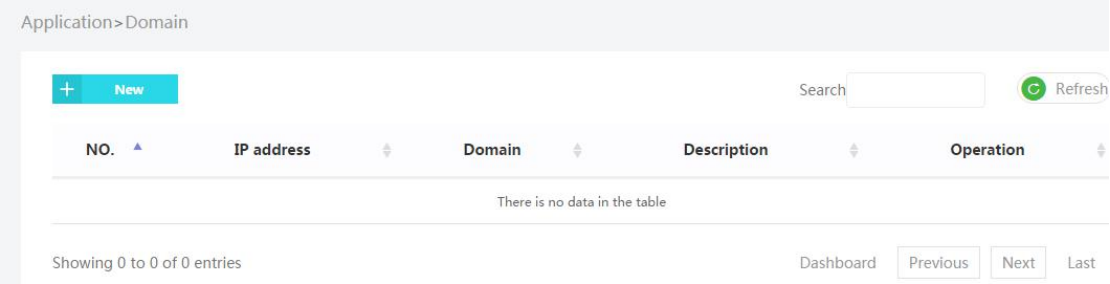


Relay dst port: Select the interface of the destination port.

Relay Src Port: Select the interface of the source port.

MAX Relay Session Num: Input the maximum number of relay sessions.

7.3 Domain



No.: The number of domain name is displayed.

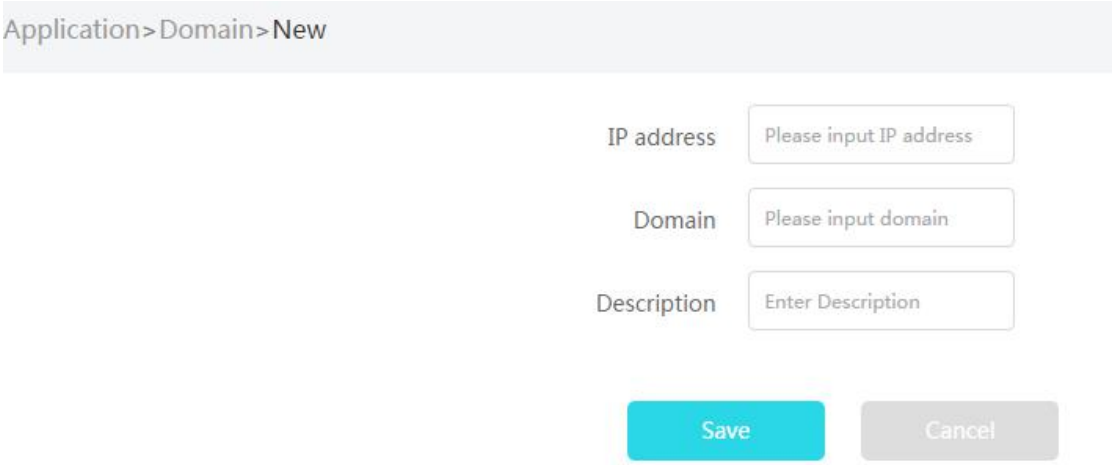
IP Address: Display the IP address corresponding to the domain name.

Domain: Display the domain name.

Description: Display the description of the domain.

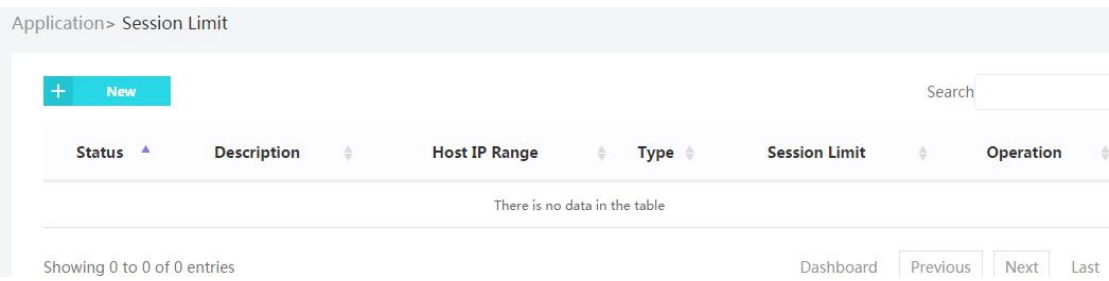
Operation: To delete the item, click Delete.

New:



- **IP Address:** Input the IP address corresponding to the domain name.
- **Domain:** Input the domain name.
- **Description:** Enter the description of domain name.

7.4 Session Limit



Status: The status of the session limit is displayed.

Description: The description of session limit is displayed.

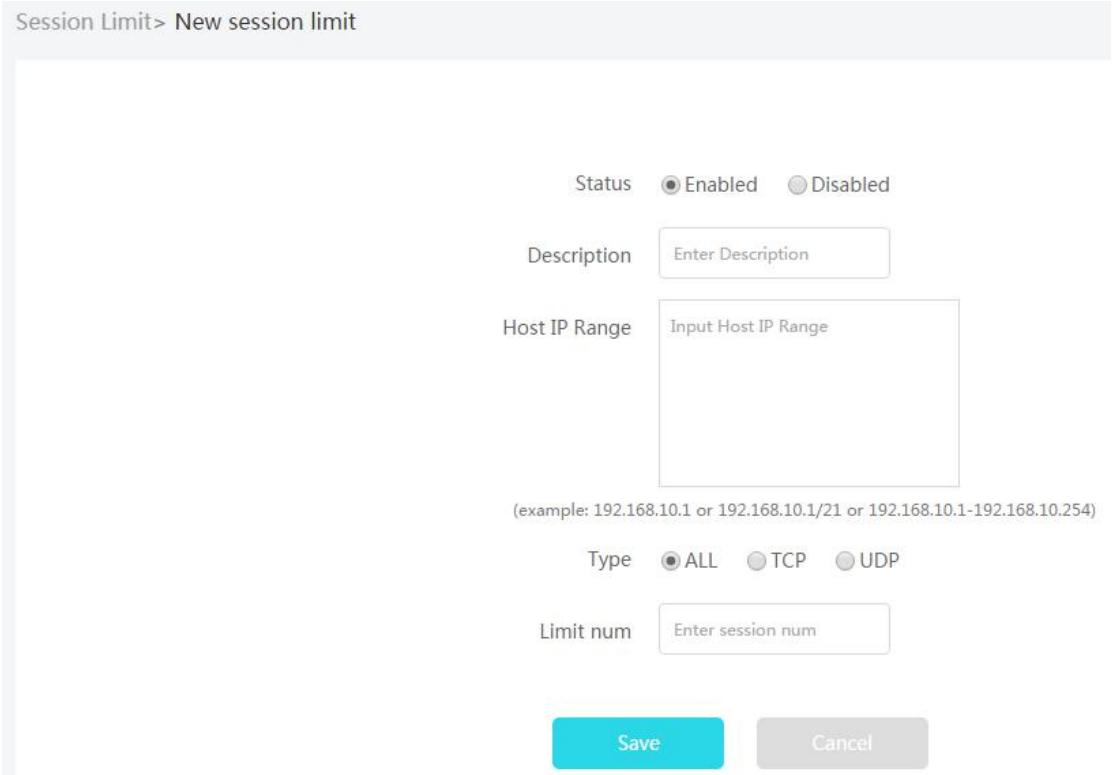
Host IP Range: Display the range of the host IP address.

Type: Display the type of the session limit.

Session Limit: Display the number of the session limit.

Operation: Edit or delete the session limit.

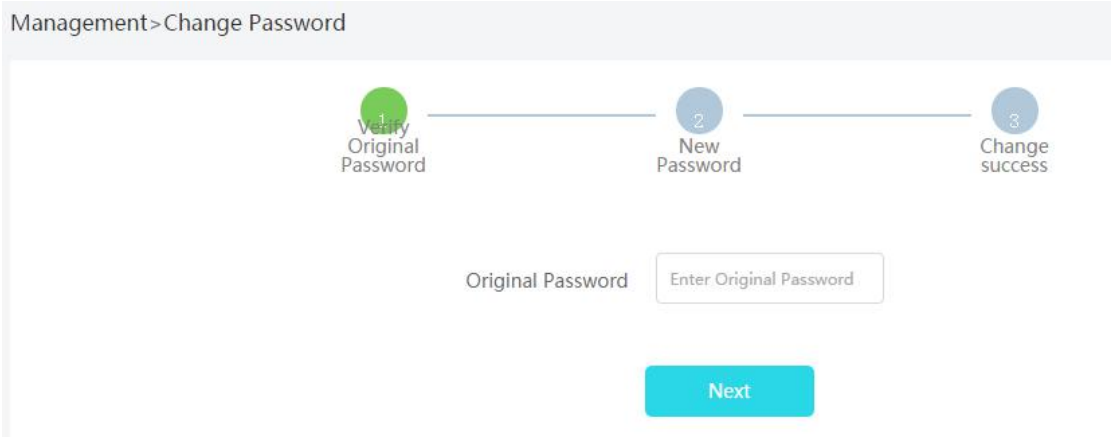
New:



- **Status:** Enable or disable the session limit.
- **Description:** Enter the description of the session limit.
- **Host IP Range:** Input the range of the host IP address.
- **Type:** Select the type of the session limit.
- **Limit num:** Enter the number of the session limit.

Chapter 8 Management

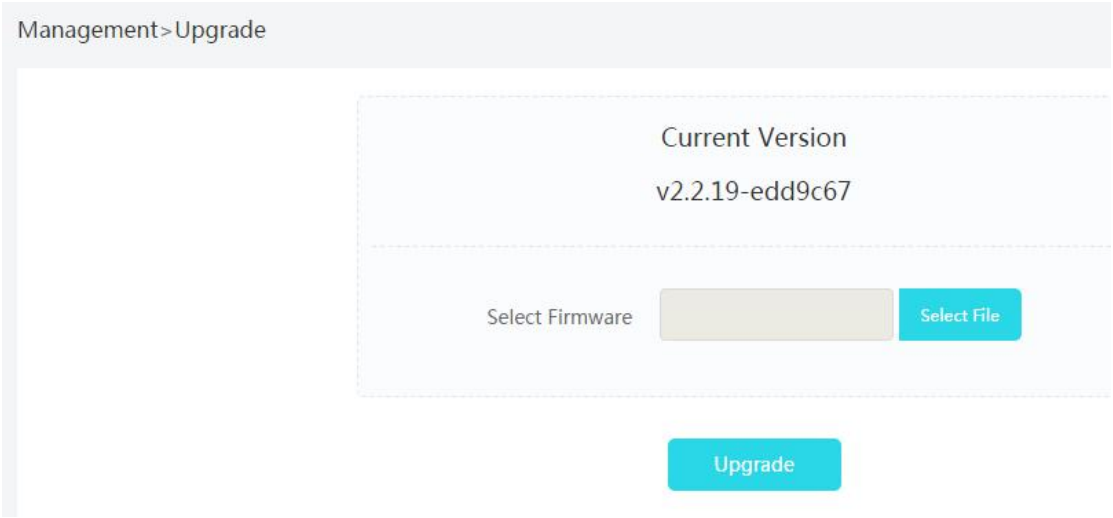
8.1 Change Password



Original Password: Enter the original password to verify.

New Password: Enter the new password to change success.

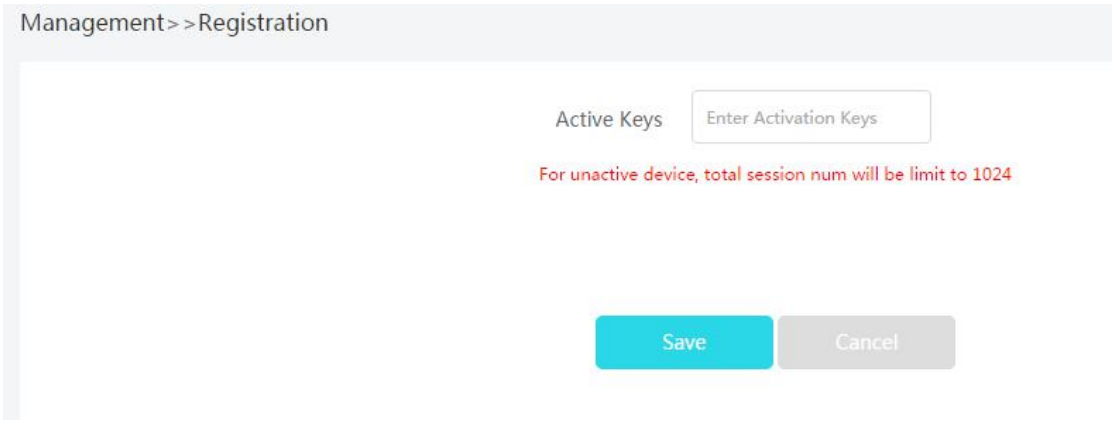
8.2 Upgrade



Current Version: Display the current version.

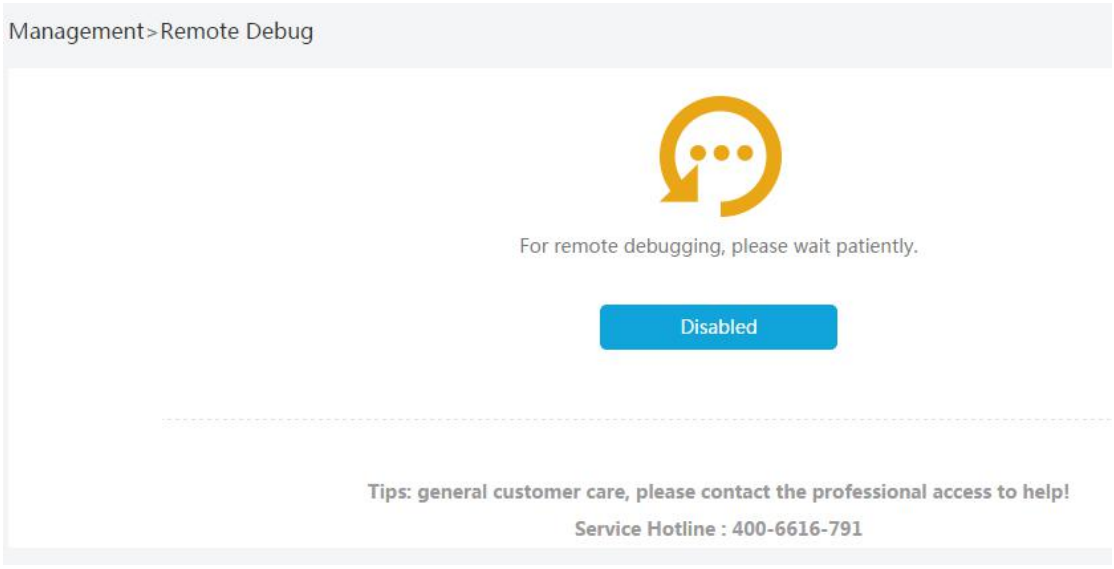
Select Firmware: Select the file to upgrade.

8.3 Registration

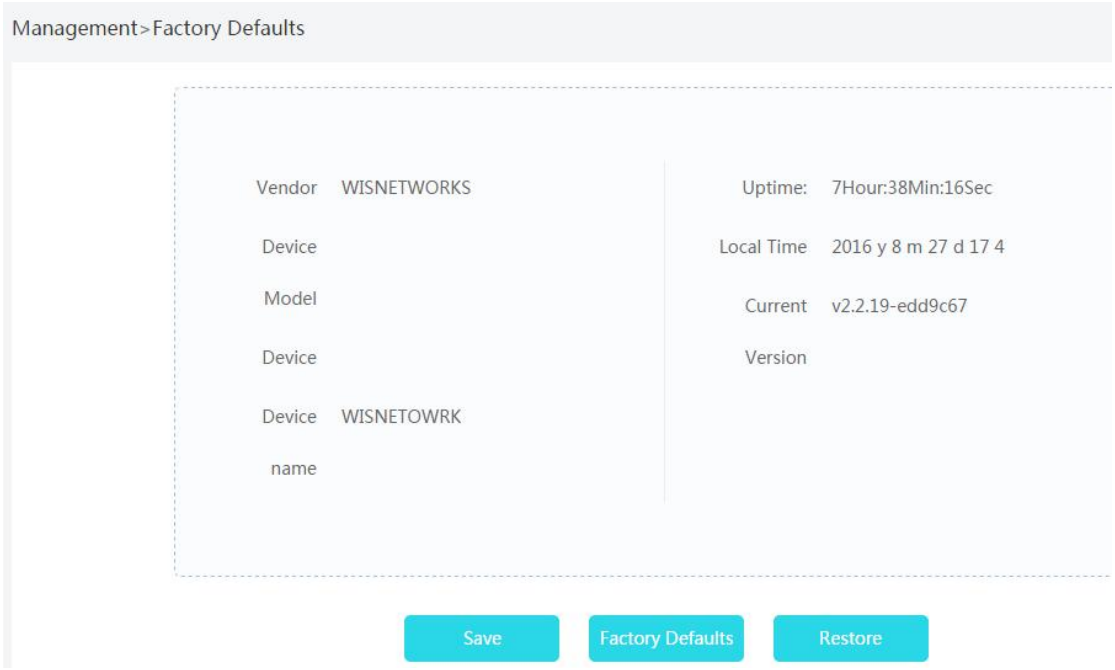


Active Keys: Enter the active keys to register.

8.4 Remote Debug for remote debugging.



8.5 Factory Defaults



Vendor: Display the brand of Wisnetwork.

Device: Display the device.

Model: The model of the device is displayed.

Device name: Display the name of the device.

Uptime: The uptime of the device is displayed.

Local Time: The local time of the device is displayed.

Current Version: Display the current version of the device.

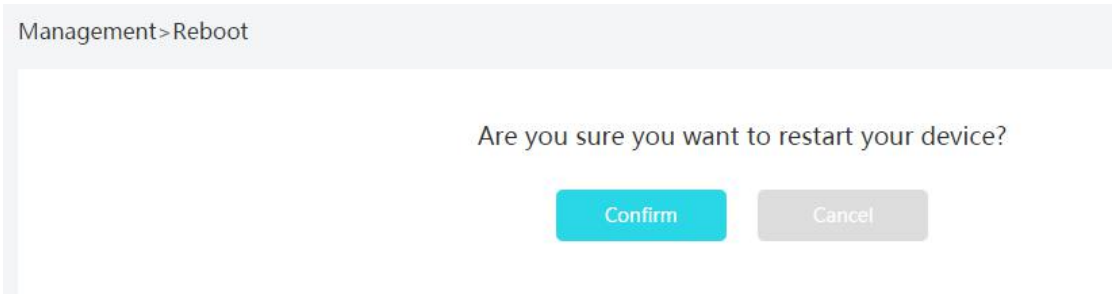
Save: Export the configuration.

Factory Defaults: Restore the factory settings.

Restore: Import the configuration

8.6 Reboot

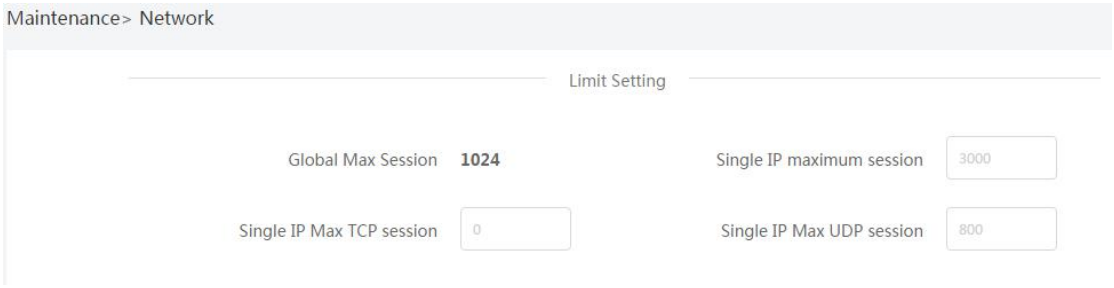
To restart the device, click Confirm.



Chapter 9 Maintenance

9.1 Network

9.1.1 Limit Setting



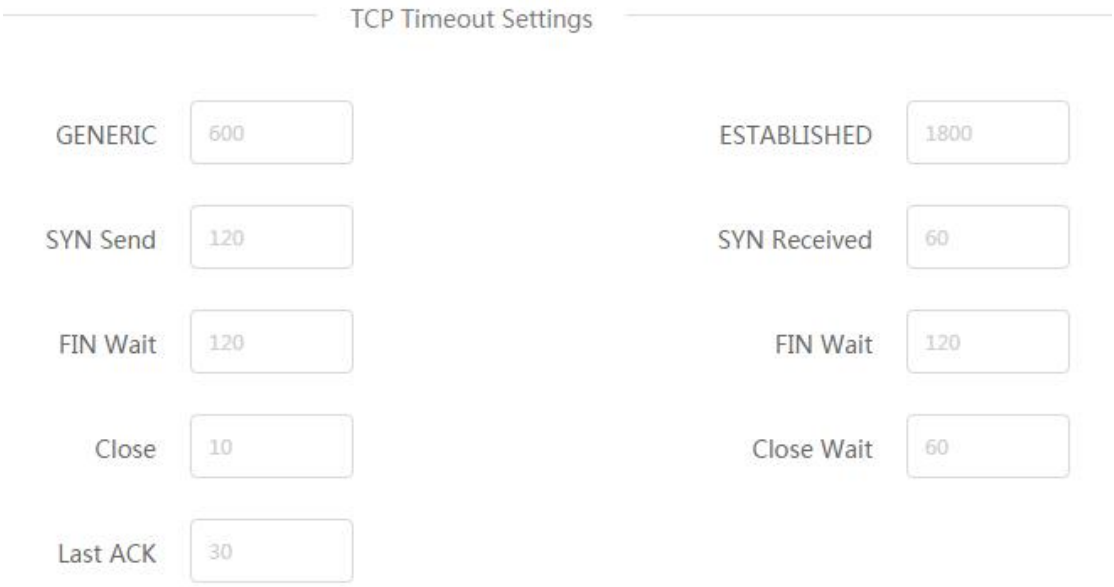
Global Max Session: Display the system's maximum sessions. The default value is 1024.

Single IP Maximum Session: Enter the maximum sessions of the single IP.

Single IP Max TCP Session: Enter the maximum sessions of the single IP.

Single IP Max UDP Session: Enter the maximum sessions of the single IP.

9.1.2 TCP Timeout Settings



GENERIC: Input value of the connection timeout.

ESTABLISHED: Input the established connection timeout.

SYN Send: Input the sending timeout of the SYN.

SYN Received: Input the received timeout of the SYN.

FIN Wait: Enter the waiting timeout of the FIN.

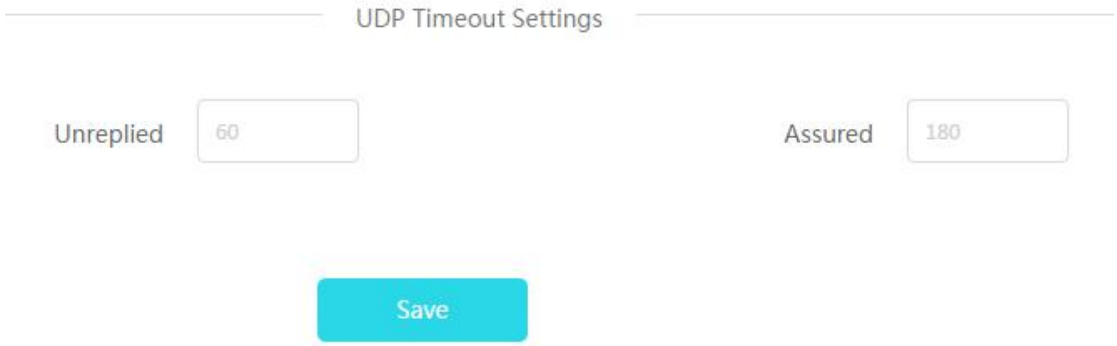
Time Wait: Enter the waiting timeout of the time.

Close: Enter the closed connection timeout.

Close Wait: Enter the closed waiting timeout.

Last ACK: Specify the last ACK timeout.

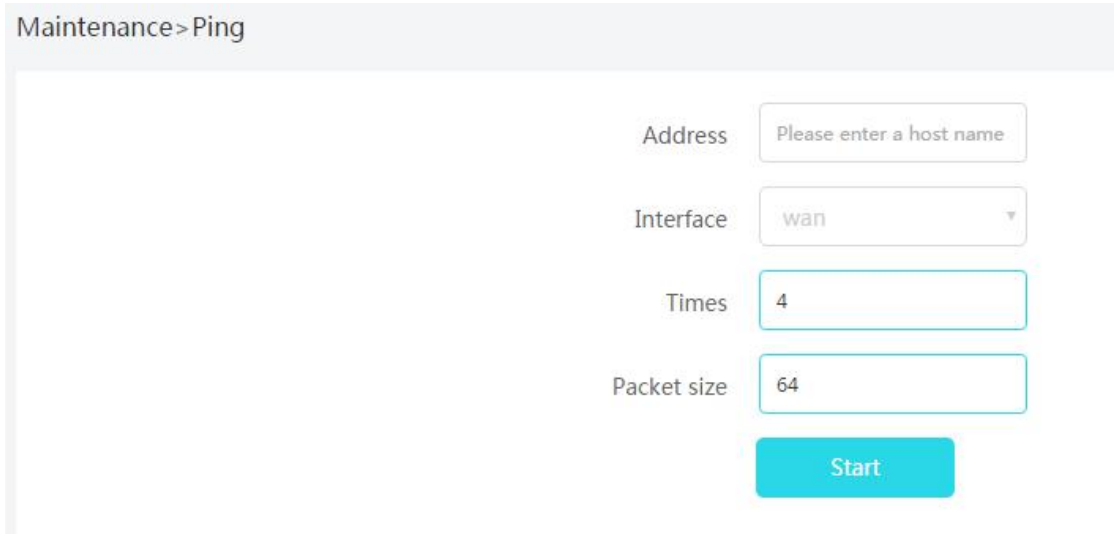
9.1.3 UDP Timeout Settings



Unreplied: Enter the value of the unreplied timeout.

Assured: Specify the assured timeout.

9.2 Ping



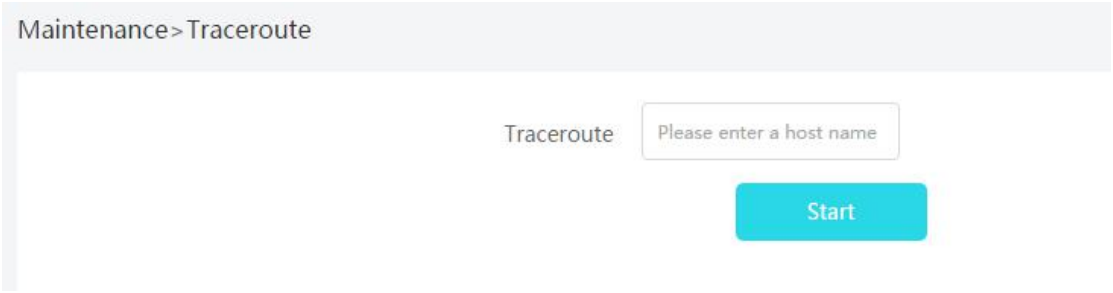
Address: Enter the host IP address to test.

Interface: Select the appropriate interface.

Times: Input the times to ping.

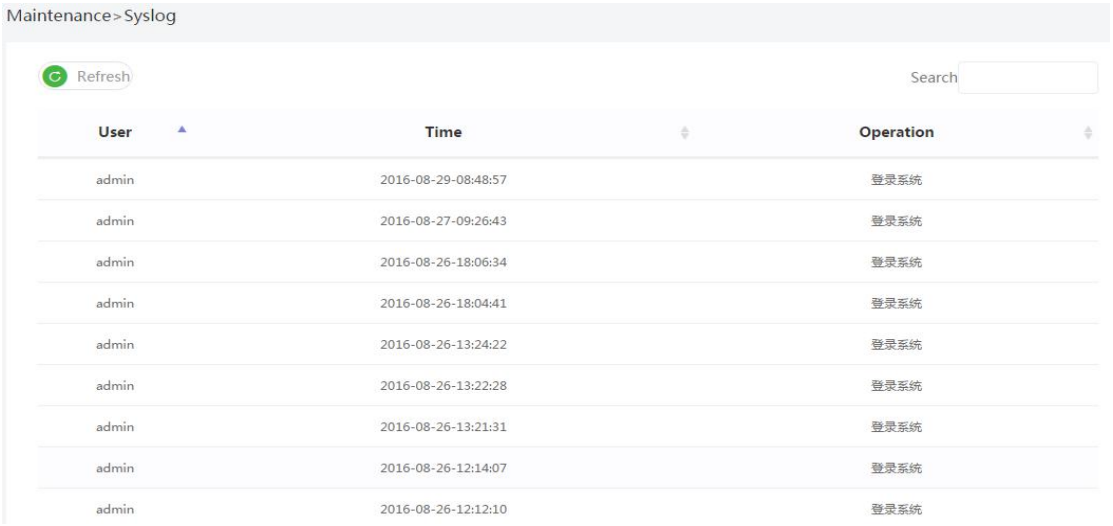
Packet Size: Input the value of packet size

9.3 Traceroute



Traceroute: Enter the host IP address to trace.

9.4 Syslog



User: Display the users who logged in the system.

Time: Display the time of the user logging in.

Operation: Display the operation of the user doing the system.