



Ruijie Japan Cloud Service User Guide

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1 Summary

Ruijie Cloud Service is Ruijie's easy and efficient cloud solutions for chain stores, small and medium-sized businesses and boutique hotels. The solutions include equipment deployment, monitoring, network optimization and operational lifecycle management; enabling customers with simple plug and play deployment and operation and maintenance. Meeting the needs for automatic cloud RF planning and user experience monitoring. At the same time it provides flexible wireless user access control features.

2 Supported Browser

For browser, it is recommended to use the following versions or above.

Supported Browser	Version
Chrome	57.0.2987.133
Safari	10.1
Firefox	52.0.2

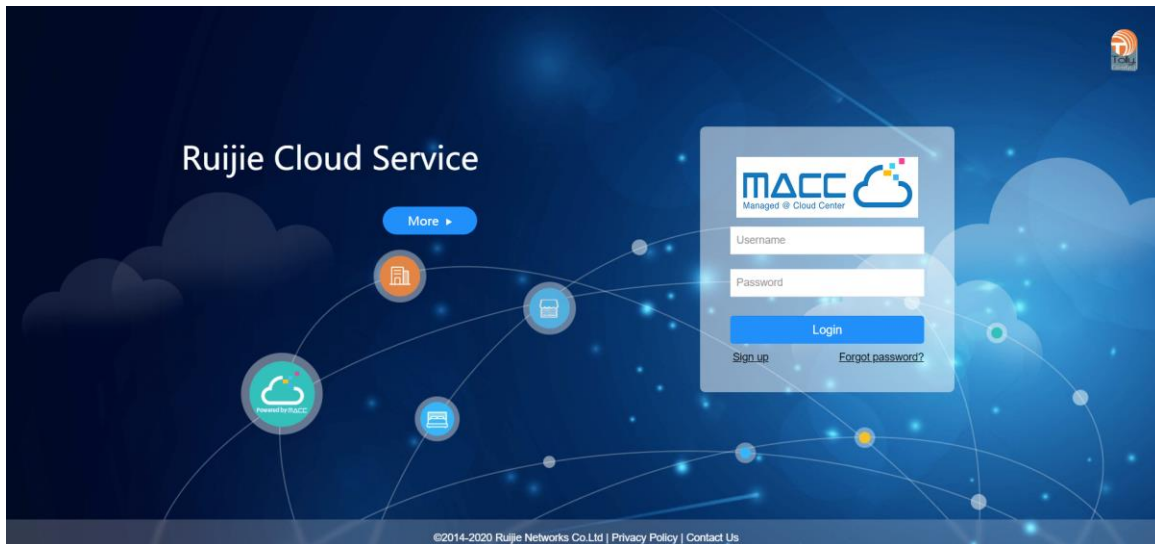
3 Addresses & Ports to be Permitted

Source IP	Destination	Src. port	Dst. port	Protocol	Description	Device using this rule
Your network	devicereg.ruijienetworks.com devreg.ruijienetworks.com	Any	80, 443	TCP	Ruijie Cloud login server	Ap/AC/Switch/Gateway
Your network	cwmpsvr-japan.ruijienetworks.com	Any	80, 443	TCP	Ruijie Cloud server	Ap/AC/Switch/Gateway
Your network	35.194.101.74 34.84.13.46	Any	10000-12000	TCP	Ruijie Cloud server establishes the tunnel connection with the gateway	Gateway
Your network	cwmpsvr-japan.ruijienetworks.com devicereg.ruijienetworks.com devreg.ruijienetworks.com	Any	3478, 3479,	UDP	Ruijie Cloud server delivers the CLI commands to the device	Ap/AC/Switch/Gateway
Your network	cdn-japan.ruijienetworks.com	Any	80, 443	TCP	Ruijie Cloud authentication server	STA
Your network	rylog-japan.ruijienetworks.com	Any	80, 443	TCP	Device log upload	AP,AC, Switch, Gateway

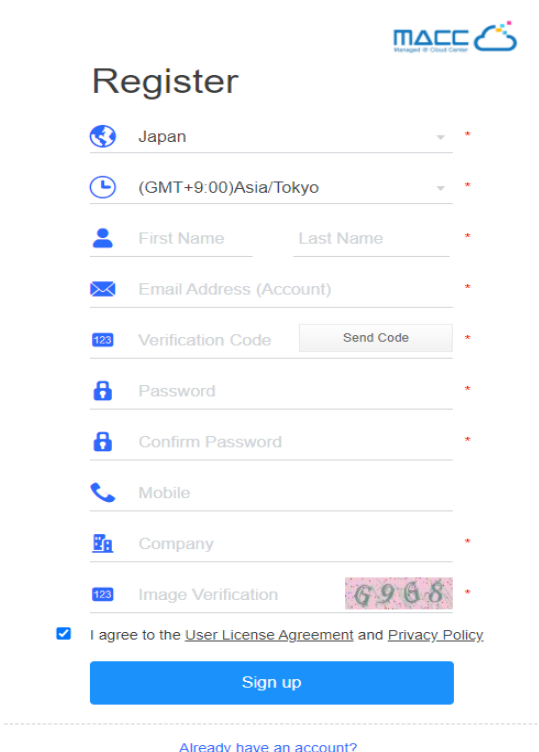
4 Register and Login

4.1 Register

1. Visit <https://cloud-japan.ruijienetworks.com>.



2. Click **Sign up** to open the **Register** page.



MACC
Managed @ Cloud Center

Register

Japan

(GMT+9:00)Asia/Tokyo

First Name Last Name

Email Address (Account)


Verification Code

Password

Confirm Password

Mobile

Company

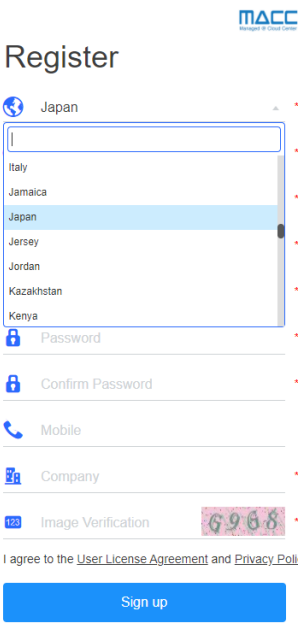
Image Verification 

☒ I agree to the [User License Agreement](#) and [Privacy Policy](#).

[Already have an account?](#)

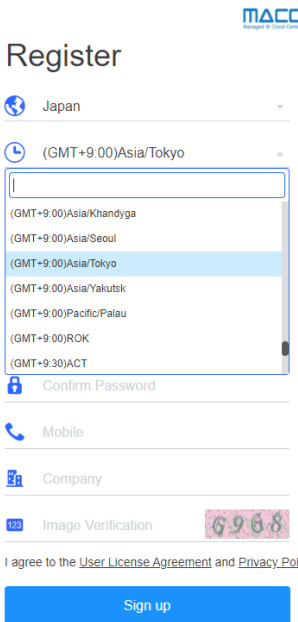
3. Select your country or region.

Note: The Server Hosting is determined by country. Please choose your country correctly, or the device may fail to go online. When the selected country or region does not match the current server, the page will automatically refresh without affecting the registration.



The screenshot shows the MACC Register page. At the top right is the MACC logo. The title "Register" is centered. Below it is a dropdown menu for "Japan". A list of countries is shown: Italy, Jamaica, Japan (highlighted), Jersey, Jordan, Kazakhstan, and Kenya. Below the country list are input fields for "Password", "Confirm Password", "Mobile", and "Company". There is an "Image Verification" field with a security code "6968" displayed next to it. A checkbox is checked, indicating agreement to the "User License Agreement" and "Privacy Policy". A blue "Sign up" button is at the bottom. Below the button is a link: "Already have an account?"


4. Select your time zone.




The screenshot shows the MACC Register page. At the top right is the MACC logo. The title "Register" is centered. Below it is a dropdown menu for "Japan". A list of time zones is shown: (GMT+9:00)Asia/Tokyo (highlighted), (GMT+9:00)Asia/Khandyga, (GMT+9:00)Asia/Seoul, (GMT+9:00)Asia/Yakutsk, (GMT+9:00)Pacific/Palau, (GMT+9:00)ROK, and (GMT+9:30)ACT. Below the time zone list are input fields for "Confirm Password", "Mobile", and "Company". There is an "Image Verification" field with a security code "6968" displayed next to it. A checkbox is checked, indicating agreement to the "User License Agreement" and "Privacy Policy". A blue "Sign up" button is at the bottom. Below the button is a link: "Already have an account?"


5. Enter your Email address, click **Get Code**, and enter the security code contained in the Email into the **Verification Code** box.


Note: One email address can be registered once only.





Register


 Japan


 (GMT+9:00)Asia/Tokyo


 First Name Last Name


 Email Address (Account)



 Verification Code

 Password

 Confirm Password

 Mobile

 Company


 Image Verification 

☒ I agree to the [User License Agreement](#) and [Privacy Policy](#)


[Already have an account?](#)


6. Enter and confirm the password.


Note: The password should be a combination of two or more items among numbers, letters and special characters in the length of 5 to 12 characters. Space is not supported.





Register


 Japan


 (GMT+9:00)Asia/Tokyo


 First Name Last Name


 Email Address (Account)



 Verification Code

 Password

 Confirm Password

 Mobile

 Company

 Image Verification 

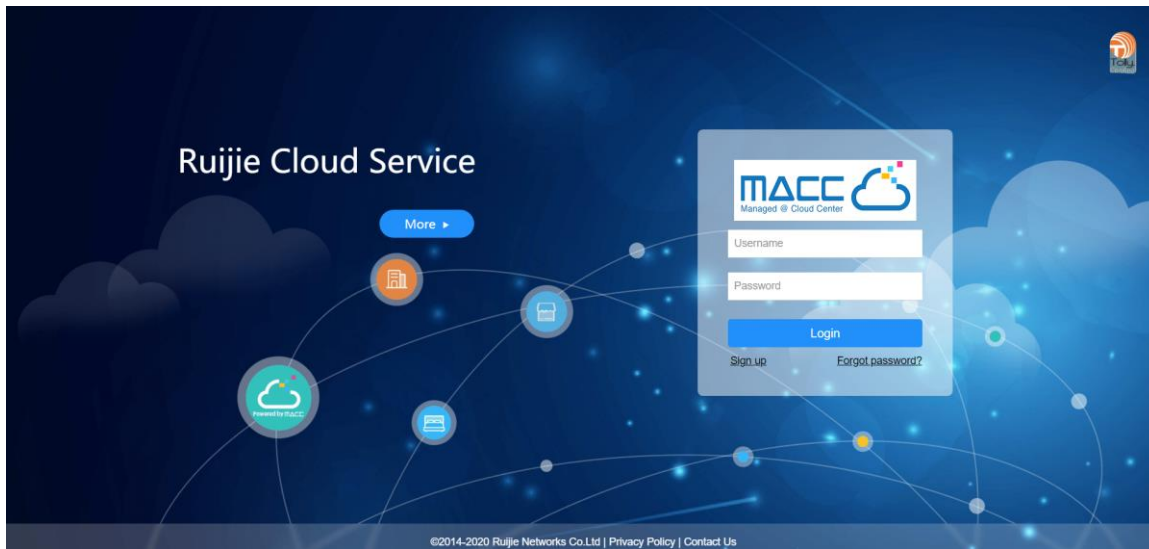
☒ I agree to the [User License Agreement](#) and [Privacy Policy](#)

[Already have an account?](#)

7. Fill in the rest required information and click **Sign up**. If your information is verified and saved, the registration succeeds.

4.2 Login

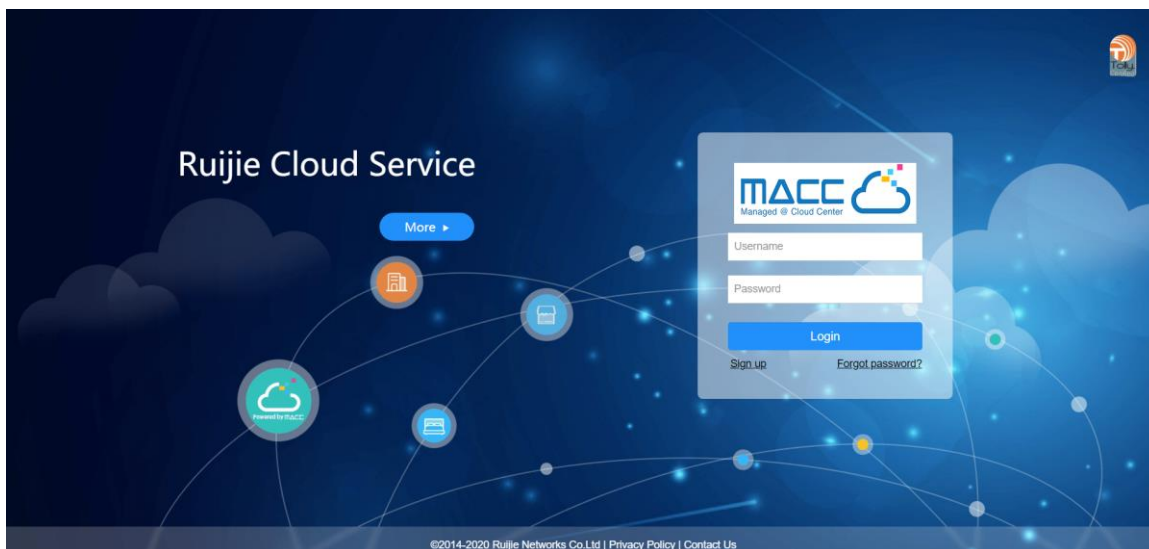
1. Visit <https://cloud-japan.ruijienetworks.com>.



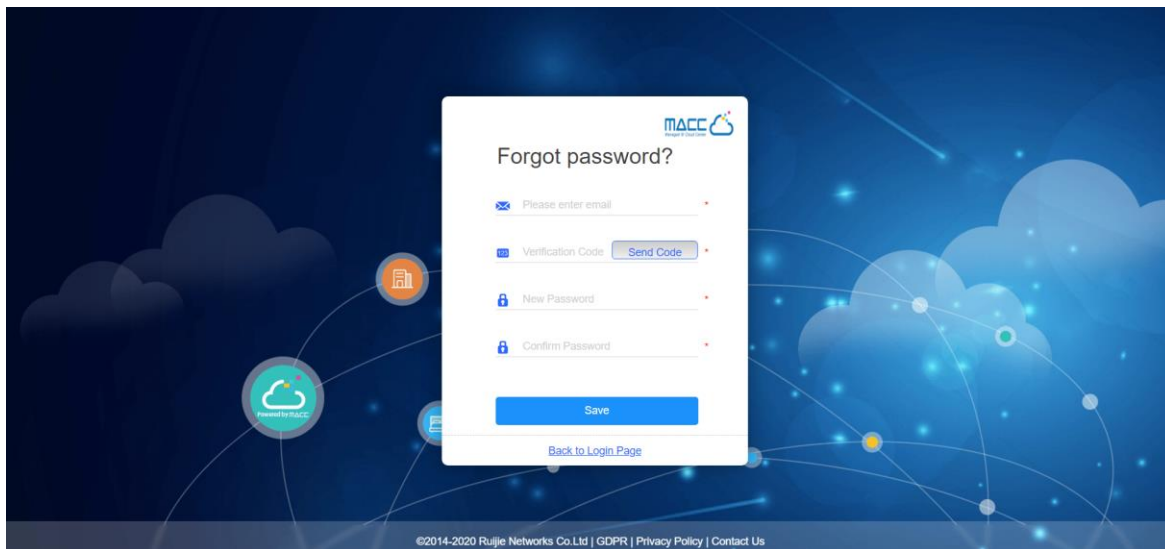
2. Enter your username and password, and click **Login**. After the information is verified, you can access the system.

4.3 Forgot Password

1. Visit <https://cloud-japan.ruijienetworks.com>.



2. Click **Forgot password?** to open the **Forgot password** page.



3. Enter the Email address for retrieving the password. Click **Get Security Code**, and enter the security code contained in the Email into the **Security Code** box.

Note: The Email address is generally the same as the account.

4. Enter and confirm the new password.

Note: The password should be a combination of two or more items among numbers, letters and special characters in the length of 5 to 12 characters. Space is not supported.

5. Click **Save**. If your information is verified and saved, you can use the new password to log into the system.

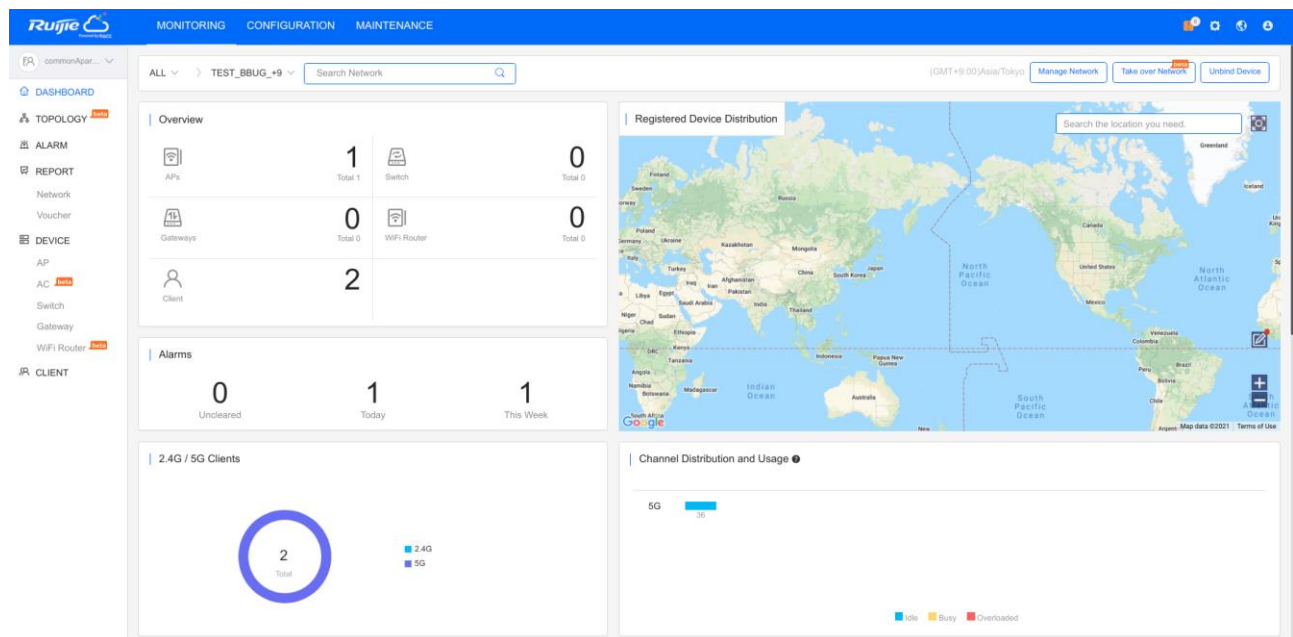
5 Monitoring

This part enables you to monitor the following items:

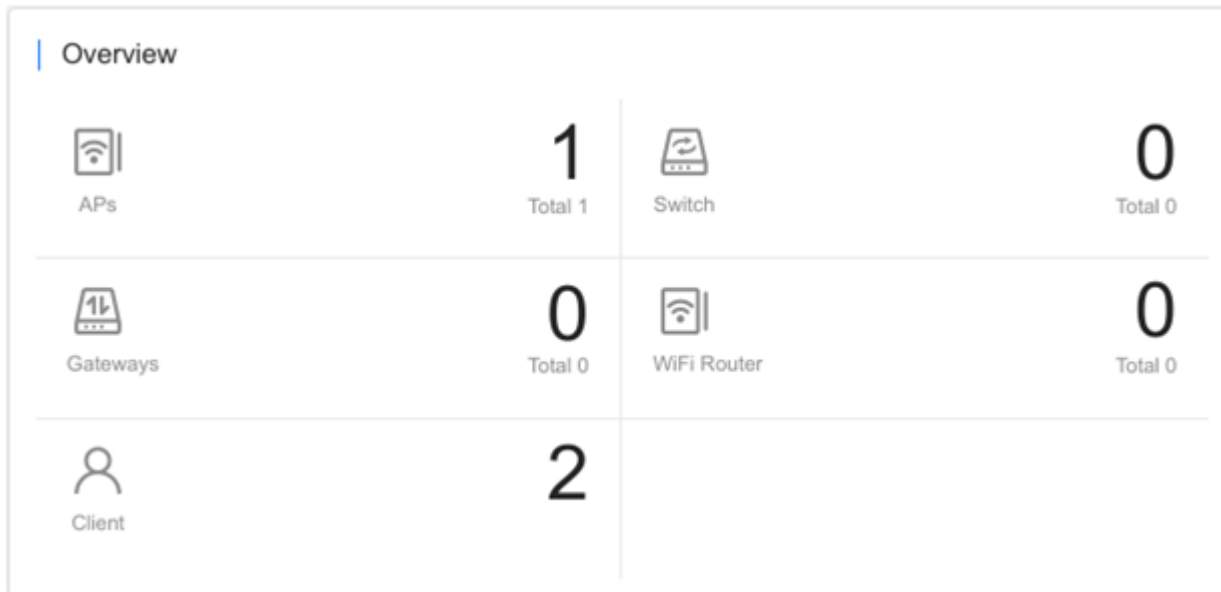
- DASHBOARD
- TOPOLOGY
- ALARM
- REPORT
- DEVICE
- CLIENT

5.1 Dashboard

After logging in, the **Dashboard** appears, or you can click **Dashboard** in the menu to open the page.

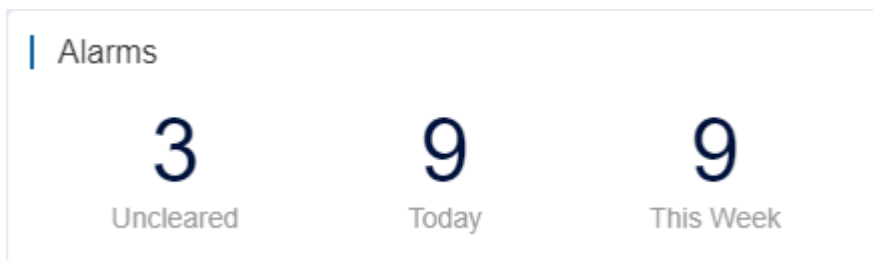


5.1.1 Overview



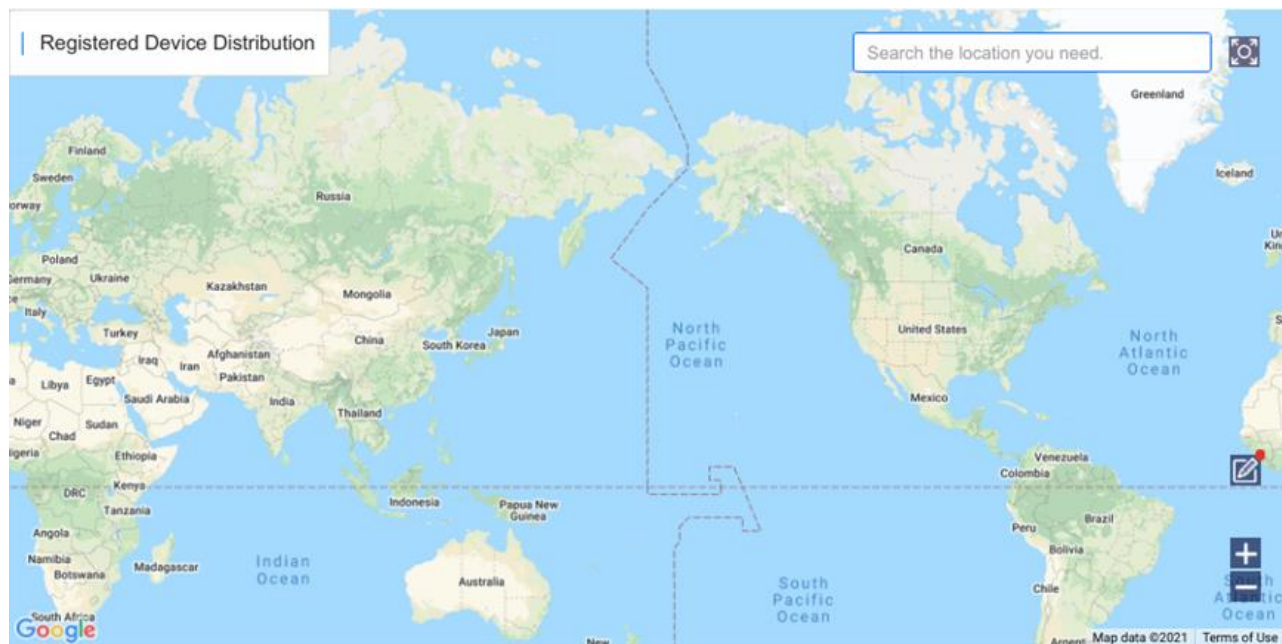
Overview displays the statistics of APs, switches, gateways and clients. The upper number indicates the number of online devices, and the lower number indicates the total number of devices.

5.1.2 Alarms

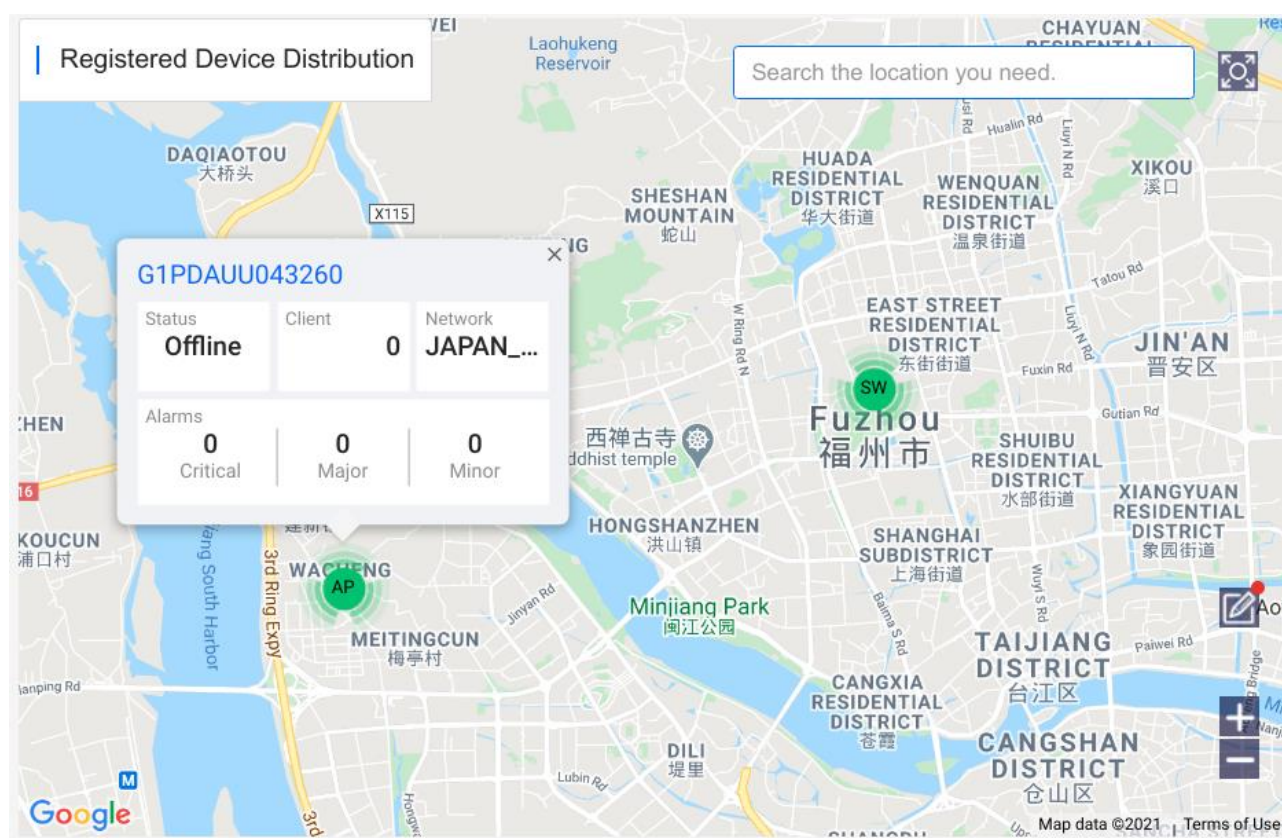



Alarms displays the number of uncleared alarms, new alarms today and total alarms generated this week.

5.1.3 Registered Device Distribution

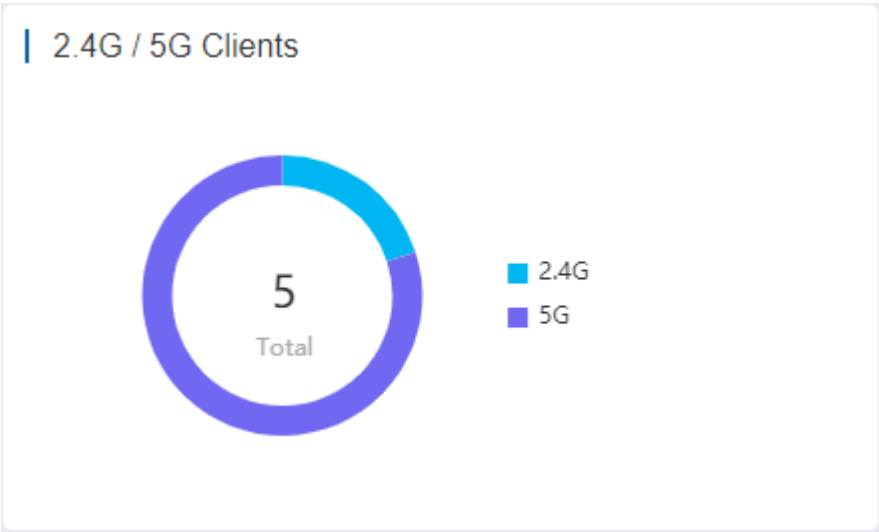


The map displays the device distribution by default. Devices are displayed in network, and the number on icon indicates the device number. Point to the icon, and the device and alarm number are displayed.



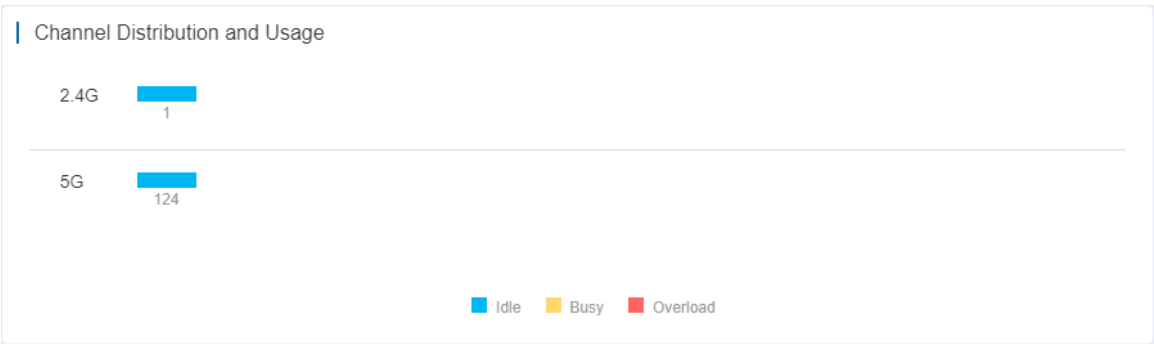
Click  to bind networks. In the **Unbound Network List**, you can drag a device to the map to bind the location; on map, you can drag a network to change its location, or click **Unbind** to unbind the location.

5.1.4 2.4G / 5G Clients

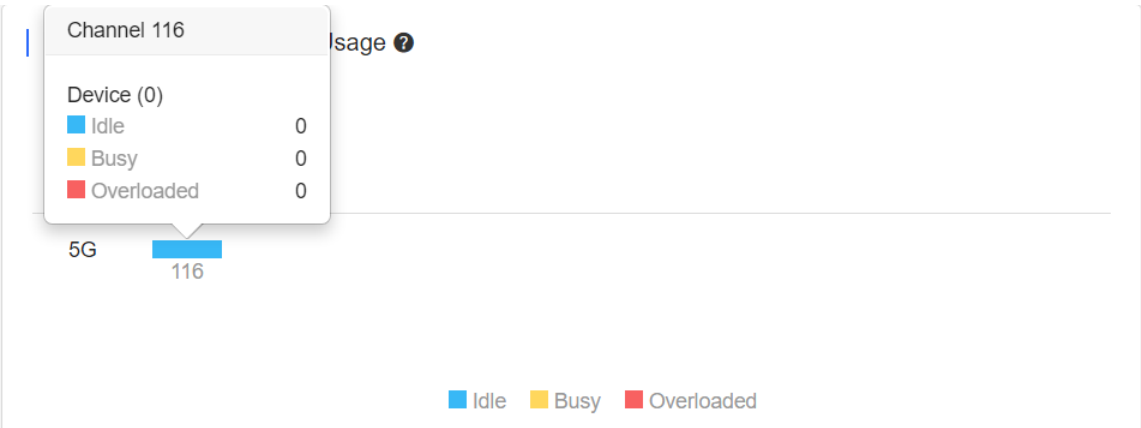


The chart displays the statistics of clients using 2.4G and 5G.

5.1.5 Channel Distribution and Usage



The chart displays the channel statistics.



Point to a channel, and more details appear. The channel usage is graded as:

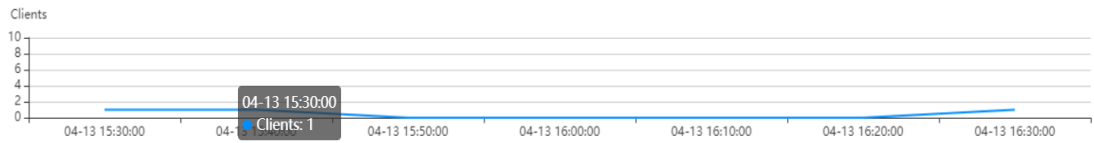
Idle: 0% to 59%

Busy: 60% to 79%

Overload: 80% to 100%

5.1.6 Client Summary

WiFi Client Summary



The chart displays the trend of recent clients.

5.1.7 Top 10 Networks by Traffic

Top 10 Networks by Traffic

Ranking	Network	Traffic	Clients
1	Nature	188.64M	125

The table displays the top 10 networks ranked by traffic.

5.1.8 Top 10 Clients by Traffic

Top 10 WiFi Clients by Traffic



The chart displays the top 10 clients ranked by traffic.

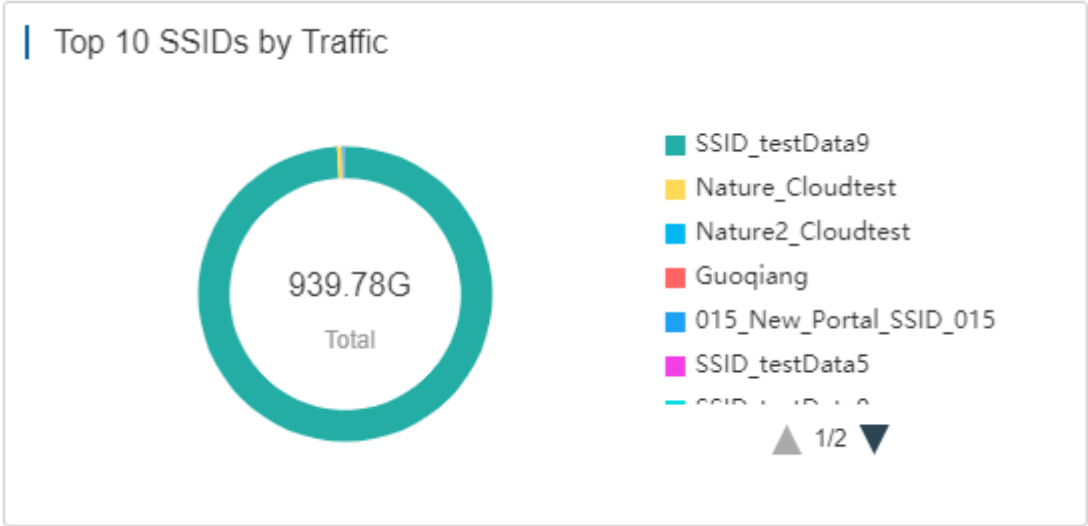
5.1.9 Top 10 APs by Traffic

Top 10 APs by Traffic

Ranking	AP	Traffic	Clients
1	G1KD9HH02861B	161.92M	11
2	G1KQB7F01872A	8.67K	1

The table displays the top 10 APs based on traffic.

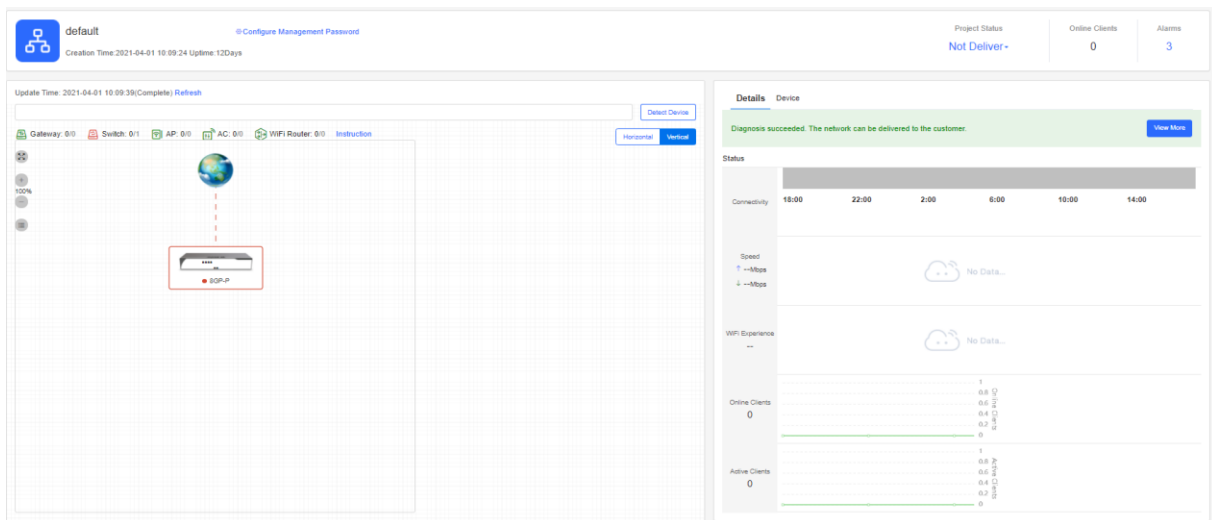
5.1.10 Top 10 SSIDs by Traffic



The chart displays the top 10 SSIDs based on traffic.

5.2Topology (beta)

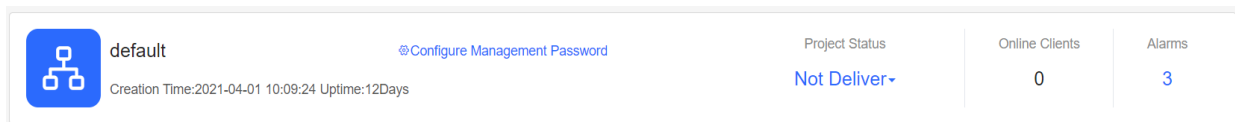
Topology displays the network topology and status, and offers the project report.



5.2.1 Data Monitoring

● Basic Information

Including the creation time, uptime, quantity of online clients and alarms.



● Network Topology

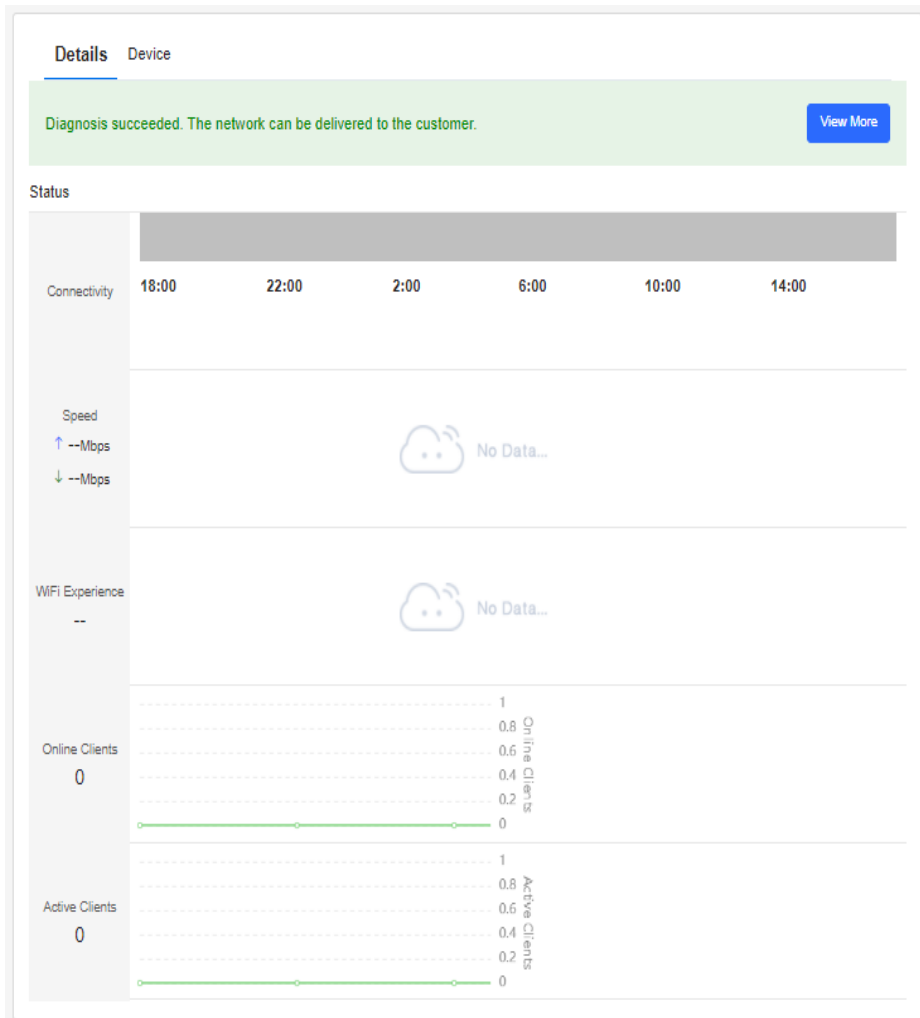
The topology displays the device connection and status. Click a device, and its detailed information will be displayed on the right.



● Details and Device

Details displays connectivity, network speed, WiFi experience, and online/active client quantity.

Device displays the data of different kinds of devices.



Details **Device**

Gateway Switch Cloud AP Fit AP AC Router

8GP-P 1234942570068 eWeb Telnet

Model: XS-S1930J-8GT2SFP-P, IP: 192.168.3.26

5.2.2 Report

Point to **Project Status**, and click **View Report**.

The screenshot displays a network management dashboard. At the top, there's a header with a 'default' project name, a 'Configure Management Password' link, and creation/updating times. Below this, a status bar shows device counts: Gateway: 0/0, Switch: 0/1, AP: 0/0, AC: 0/0, and WiFi Router: 0/0. A 'Detect Device' button is present. The main area is divided into two panels. The left panel shows a 'Details' tab with a 'Diagnosis succeed' message. The right panel shows a 'Project Status' section with a 'Not Deliver' status and a 'View Report' button. Below the status bar, there's a search bar and a 'Search Network' button. The main content area shows a 'default Project Report' with a 'Report Time: 2021-04-13'.

5.2.2.1 Edit

You can download or edit the report. Click **Edit** on the upper right corner to customize the report.

This screenshot shows the same network management dashboard as the previous one, but with the 'Edit' button highlighted in a red box. The 'Edit' button is located in the upper right corner of the main content area, next to the 'Download Report' button. The 'Back' button is also visible on the left side of the main content area.

You can edit

- Title
- Cover
- Basic information
- Configuration
- Diagnosis data
- Device list
- Topology

[Back](#)
Update Time: 2021-04-13 19:49:28
[Refresh](#) | [Preview](#) | [Download](#) | [Download Report](#)

defaultReport

1. Cover

2. Basic Information

LOGO: It is recommended to upload the image in the ratio of 4:3.
Only support png, jpg, jpeg and bmp.
The image should not exceed 1M.

Upload

Copyright: All rights reserved©2014-2020 Ruijie Networks Co.,Ltd

Delivery Time: 2021-04-13

1. Cover

2. Basic Information

3. Configuration

4. Diagnosis

5. Device

6. Topology

5.2.3 New Device

5.2.3.1 Device Information

Click a device in the topology to check its configuration.

Update Time: 2021-04-01 10:09:39(Complete) [Refresh](#)

Gateway: 0/0

Switch: 0/1

AP: 0/0

AC: 0/0

WiFi Router: 0/0

Defect Device

Horizontal

Vertical

8GP-P

[Instruction](#)

eWeb Telnet SSH

SN: 1234942570068

Type: Switch

Model: XS-S1930J-8GT2SFP-P

MAC: 00d0.f822.3378

Management IP: 192.168.3.26

Port

Configuration

Port	Status	PoE	Action
Gi0/1	Disconnected	Disabled	Disable
Gi0/2	Disconnected	Disabled	Disable
Gi0/3	Disconnected	Disabled	Disable
Gi0/4	Disconnected	Disabled	Disable
Gi0/5	Disconnected	Disabled	Disable
Gi0/6	Disconnected	Disabled	Disable
Gi0/7	Disconnected	Disabled	Disable
Gi0/8	1000M	Disabled	Disable
Gi0/9	Disconnected	Unsupported	Disable
Gi0/10	Disconnected	Unsupported	Disable

5.2.4 Diagnosis

The function diagnoses the network connectivity and link status. Click **Start Diagnosis** or **Diagnose again** on the right to start diagnosis.

Details

Device

Diagnosis

Last Record: Pass [View More](#)

Diagnose again

Status

Connectivity

20:000:004:008:0012:0016:00

Diagnosing...5%

Minimize

Layer 2 and 3 Connectivity

Address pool and VLAN Test...checked.

Link Status

Traffic Monitoring... 2/2 devices checked

Negotiation Speed And Duplex Mode Test... 2/2 devices checked

Click **View More** to check the previous diagnosis results.

Pass

Close

✔ Layer 2 and 3 Connectivity

✔ Address pool and VLAN Test

✔ Link Status

✔ Traffic Monitoring

✔ Negotiation Speed And Duplex Mode Test

5.3 Alarm

5.3.1 Alarm List

Network	SN	Type	Level	Cleared	Content	Generated at	Cleared on	Updated at	Action
Apnet-apart	01PDPW01058C	Device goes offline	Major	No		2021-04-28 15:08:07	-	2021-04-28 15:08:07	[icon]
Apnet-apart	01PDPW010523	Device goes offline	Major	No		2021-04-28 15:08:07	-	2021-04-28 15:08:07	[icon]
Apnet-apart	01PDPW003833	High channel usage on AP	Major	No	High device channel usage rate RADIO 2553.CHANNEL 100 average channel utilization rate (one hour) 81% RADIO 10.43.CHANNEL 5 average channel utilization rate (one hour) 8% High device channel usage rate	2021-04-28 15:00:00	-	2021-04-28 15:00:00	[icon]
Apnet-apart	01PDPW000543	High channel usage on AP	Major	No	High device channel usage rate RADIO 2553.CHANNEL 100 average channel utilization rate (one hour) 58% RADIO 10.43.CHANNEL 2 average channel utilization rate (one hour) 12%	2021-04-28 15:00:00	-	2021-04-28 15:00:00	[icon]
Apnet-apart	01PDPW01058C	Device goes offline	Major	No		2021-04-28 14:48:07	-	2021-04-28 14:48:07	[icon]
Apnet-apart	01PDPW013628	Device goes offline	Major	No		2021-04-28 14:47:07	-	2021-04-28 14:47:07	[icon]
Apnet-apart	01PDPW011127	Device goes offline	Major	No		2021-04-28 14:45:07	-	2021-04-28 14:45:07	[icon]
Apnet-apart	01PDPW014038	Device goes offline	Major	No		2021-04-28 14:29:07	-	2021-04-28 14:29:07	[icon]
Apnet-apart	01PDPW00228A	Device goes offline	Major	No		2021-04-28 14:29:07	-	2021-04-28 14:29:07	[icon]
Apnet-apart	01PDPW014038	Device goes offline	Major	No		2021-04-28 14:27:07	-	2021-04-28 14:27:07	[icon]

- **Alarm List** displays the cleared alarms. **Alarm List** supports the search based on AP serial number, alarm type, alarm source (network/device), and alarm generation time.
- You can configure thresholds in **Alarm Settings**.

The following describes the conditions for generating alarms.

Type	Condition	Description
Device goes offline	An AP goes offline.	The AP is disconnected from the Cloud Service, or the AP is powered off.
Device goes online and offline continually	The online/offline change times of an AP exceeds the default threshold within two hours.	The connection between the AP and the system is unstable or the AP has a firmware or hardware fault.
All devices are offline	All APs in a network go offline.	
High channel usage on AP	The RF channel utilization exceeds 80%.	RF channel utilization is high and interference is strong. It is recommended to change the channel.
System usage(CPU/memory usage) above threshold	The CPU or memory usage of AP/switch/gateway exceeds the threshold.	For AP, the default threshold for CUP usage is 85% and for memory usage is 85%. For switch, the default threshold for CUP usage is 50% and for memory usage is 65%. For gateway, the default threshold for CUP usage is 50% and for memory usage is 65%. Custom values are not supported.
Switch loopback detected (RLDP)	A loop occurs on the switch.	
Abnormal network access on gateway	The gateway port fails to ping the specified domain or IP for several times.	When the Ping test failed for the specified times, the alarm is sent. The times and domain/IP address can be configured manually.
High packet loss rate on gateway	The packet loss rate of gateway exceeds the threshold.	When the packet loss rate exceeds the specified percentage of threshold for several times in 5 minutes, the alarm is sent. The times and threshold can be configured

		manually.
Uplink rate above threshold on gateway	The uplink rate exceeds the specified percentage of threshold for several times.	When the uplink rate exceeds the specified percentage of threshold for several times, the alarm is sent. The threshold, times and percentage can be configured manually.
Downlink rate above threshold on gateway	The downlink rate exceeds the specified percentage of threshold for several times.	When the downlink rate exceeds the specified percentage of threshold for several times, the alarm is sent. The threshold, times and percentage can be configured manually.
SIM card traffic exceeds limit	SIM card traffic exceeds a default threshold.	Only MTFi devices support this alarm.
GPS signal is not found	GPS signal is not found.	Only MTFi devices support this alarm.
CPU usage is high	CPU usage exceeds a default threshold.	Only MTFi devices support this alarm.
Memory usage is high	Memory usage exceeds a default threshold.	Only MTFi devices support this alarm.
Disk space usage is high	Disk space usage exceeds a default threshold.	Only MTFi devices support this alarm.
Flash usage is high	Flash usage exceeds a default threshold.	Only MTFi devices support this alarm.
CPU temperature is high	CPU temperature exceeds a default threshold.	Only MTFi devices support this alarm.

5.3.2 Ignore Alarm

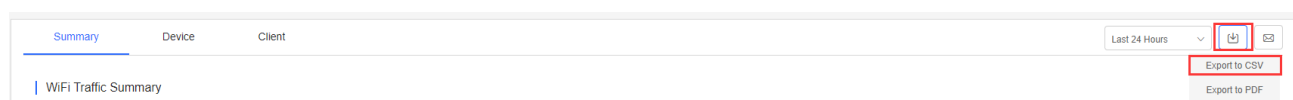
Select the alarm you want to ignore in **Alarm List**, and click the **Ignore Alarm** button. A popup window will be displayed. After click **OK**, the alarm will be ignored.


5.4 Report

5.4.1 Network

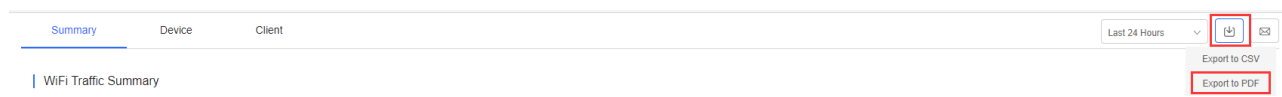
Network is divided into 3 parts: **Summary**, **Device** and **Client**. Except the statistical charts with **Real-time** that display real-time data and **Client > Experience** chart that only displays data in the last 7 days, all other charts support searching data in the last 94 days with the same query conditions. All charts automatically refresh every minute. Reports can be exported into CSV or PDF files, or sent by Email.

- Export to CSV



Point to , and click **Export to CSV**.

- Export to PDF



Point to , and click **Export to PDF**.

● Mail

Email Setting

Send Email

Delivery Plan


Send As

☒ CSV ☐ PDF

Email

OK

Close

Click , and select **Send Email**. Choose a file type for the report, then enter Email addresses. After click **OK**, the report will be sent immediately.

Email Setting

Send Email

Delivery Plan

Enable

☒

Send As

☒ CSV (Report Contents: ☒ Summary ☐ Device ☐ Client)
☒ PDF

Email

Send At

Every Month

11

15:00~15:59

Every Month

Every Day

Every Week

last day of a month if the set value exceeds the number of days it has. For example, the report is set to be sent on the 30th every month, then it is sent on the last day in Feb..

OK

Close

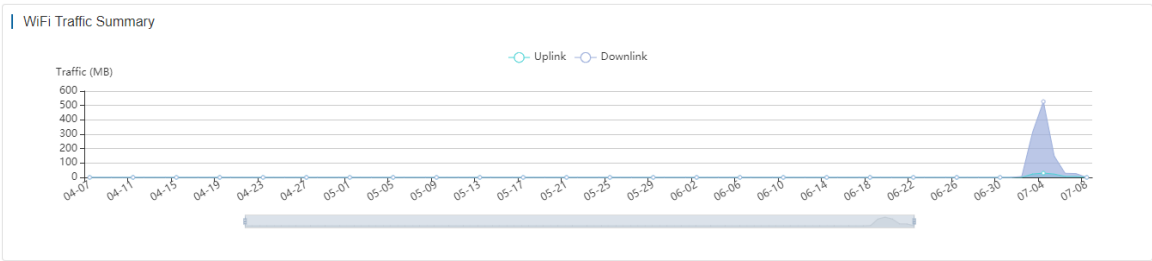
Click , and select **Delivery Plan**. Click **Enable** to send the report on the specified time.

Report includes the data of Summary, Device and Client, and supports CSV and PDF file formats.

Up to three Email addresses are supported.

Reports can be sent every month, week or day.

● Summary > WiFi Traffic Summary

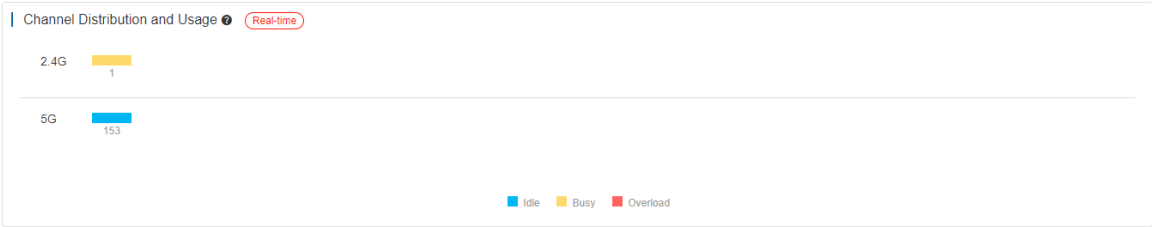


The uplink/downlink traffic summaries of the selected network during the specific period.

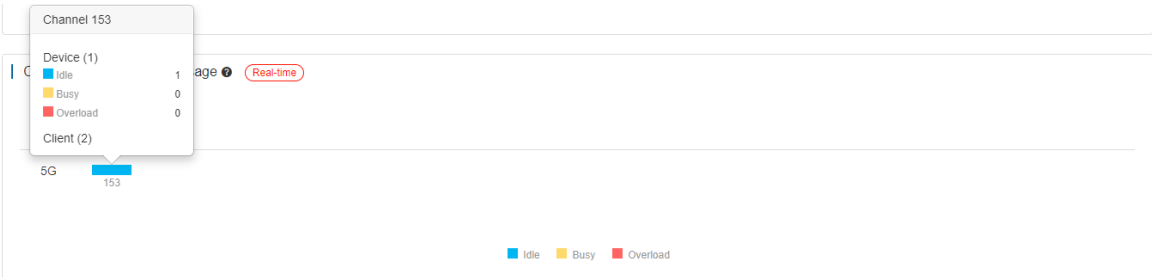
Uplink: Traffic directed from internal network to external network.

Downlink: Traffic directed from external network to internal network.

● Summary > Channel Distribution and Usage



The channel distribution and usage of the selected network.



Point to a channel to view more details. The channel usage is graded as:

Idle: 0% to 59%

Busy: 60% to 79%

Overload: 80% to 100%

● Summary > SSIDs by Client

| SSIDs by Client

Ranking	SSID	Clients	Traffic
1	Nature_Cloudtest	10	770.35M
2	A_oneclick	9	21.48M
3	nature1	7	18.69K
4	A_voucher	7	2.55M
5	wang1	7	49.51K
6	A_oneclick123	6	23.38K
7	nature2	4	20.68K

The SSIDs ranked by client number of the selected network during the specific period.

- Summary > SSIDs by Traffic

| SSIDs by Traffic

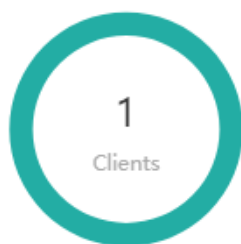
Ranking	SSID	Traffic	Clients
1	Nature_Cloudtest	770.35M	10
2	Venus_Cloudtest	181.04M	1
3	A_oneclick	21.48M	9
4	A_voucher	2.55M	7
5	wang1	49.51K	7
6	A_oneclick123	23.38K	6
7	nature2	20.68K	4

The SSIDs ranked by traffic of the selected network during the specific period.

- Summary > RSSI Statistics

| RSSI Statistics ?

Real-time



Strength	Clients	Proportion
■ Strong	1	100%
■ Medium	0	0%
■ Weak	0	0%

The wireless signal strength of the selected network during the specific period. The signal intensity is defined below:

Weak: RSSI \leq -80dB

Medium: -80dB < RSSI \leq -70dB.

Strong: RSSI > -70dB

- Device > Device Summary

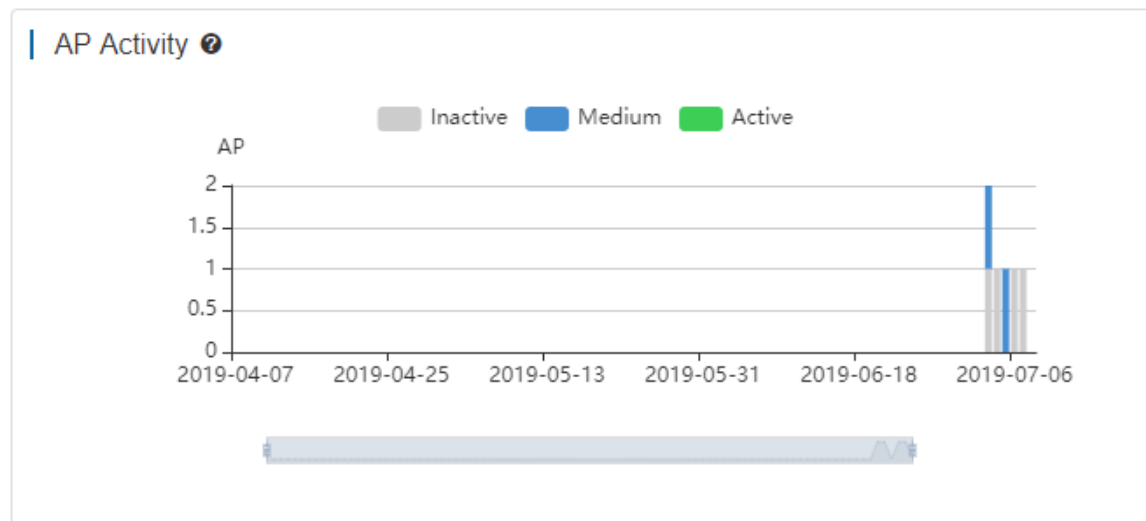
Device Summary Real-time



Device	Total	Online	Offline	Not Online Yet
AP	20	0	0	20
Switch	0	0	0	0
Gateway	0	0	0	0
AC	0	0	0	0
WiFi Router	3	0	0	3

The online status of devices of the selected network during the specific period.

- Device > AP Activity



The AP activity of the selected network during the specific period. The chart does not support searching data in the last 24 hours.

AP activity is evaluated based on the number of active clients accessing the AP in a day. APs not associated with any clients are not calculated.

Inactive: <5 active clients

Medium: 5-9 active clients

Active: ≥10 active clients.

- Device > Top 10 APs by Client

| Top 10 APs by Client

Ranking	AP	Alias	Clients	Traffic
1	G1KD9HH02861B	520w2	37	794.53M
2	G1KQB7F01872A	Ruijie01	1	181.04M

The top 10 APs ranked by client number of the selected network during the specific period.

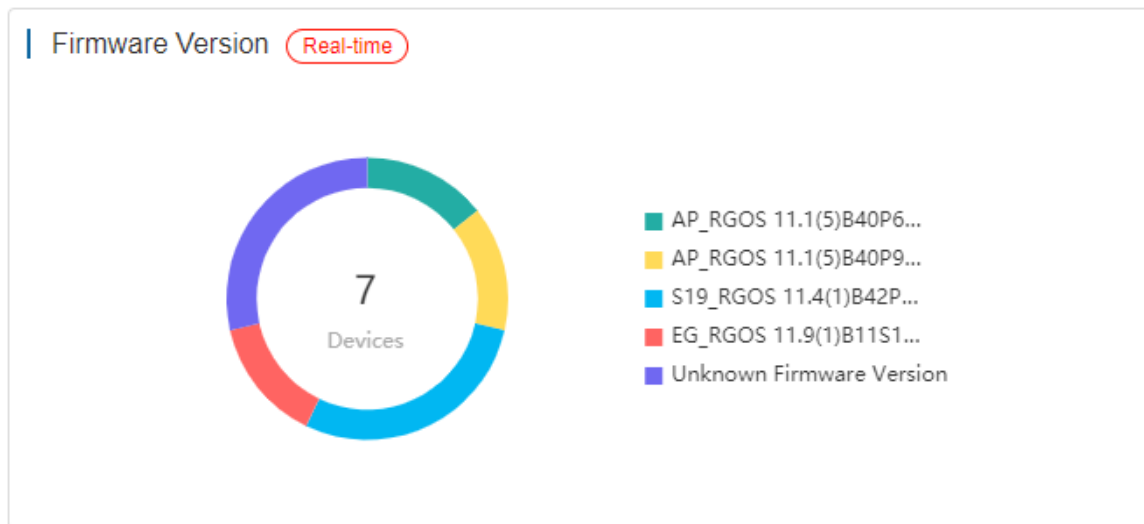
- Device > Top 10 APs by Traffic

| Top 10 APs by Traffic

Ranking	AP	Alias	Traffic	Clients
1	G1KD9HH02861B	520w2	794.53M	37
2	G1KQB7F01872A	Ruijie01	181.04M	1

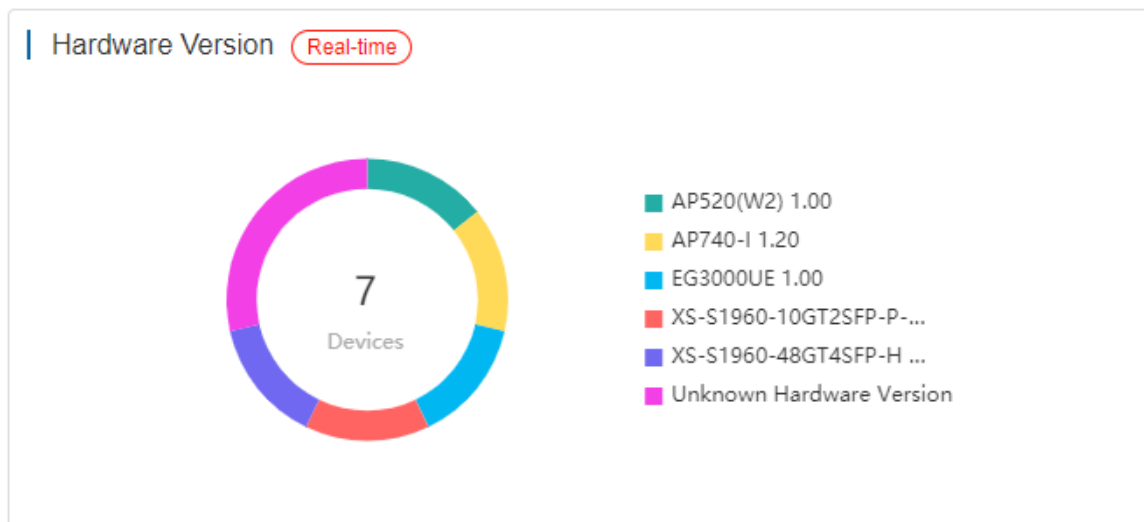
The top 10 APs ranked by traffic of the selected network during the specific period.

- Device > Firmware Version



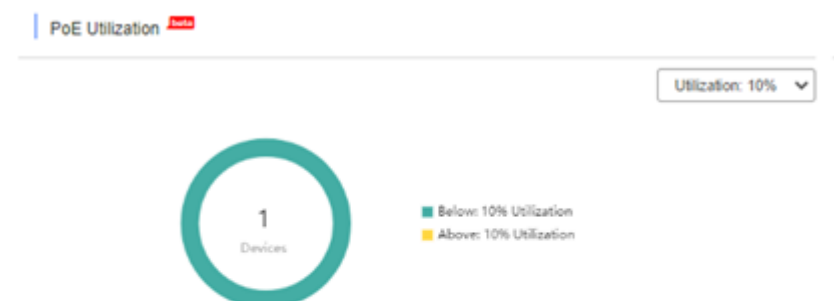
The proportion of firmware versions of the selected network during the specific period.

- Device > Hardware Version



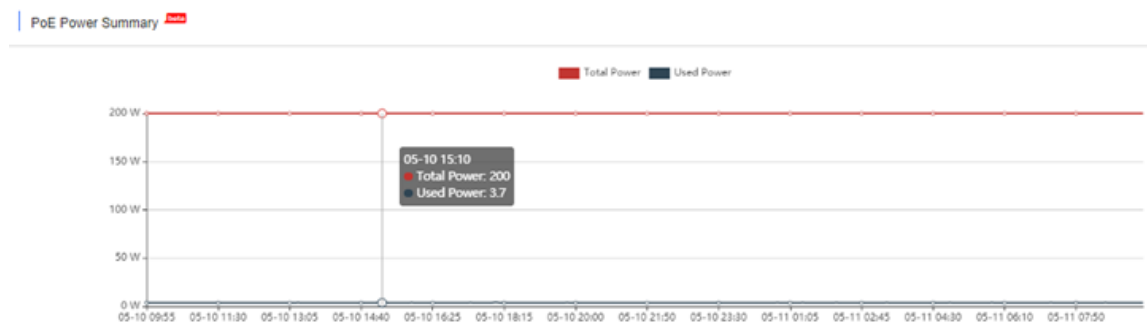
The proportion of hardware versions of the selected network during the specific period.

- Device > PoE Utilization



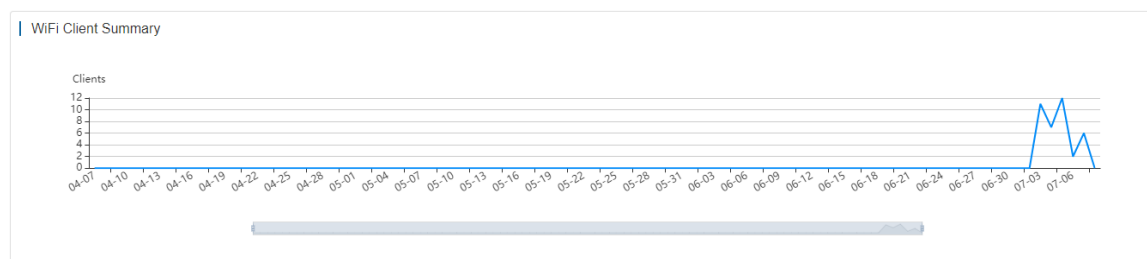
The numbers of PoE switches above and below the selected utilization percentage.

● Device > PoE Power Summary



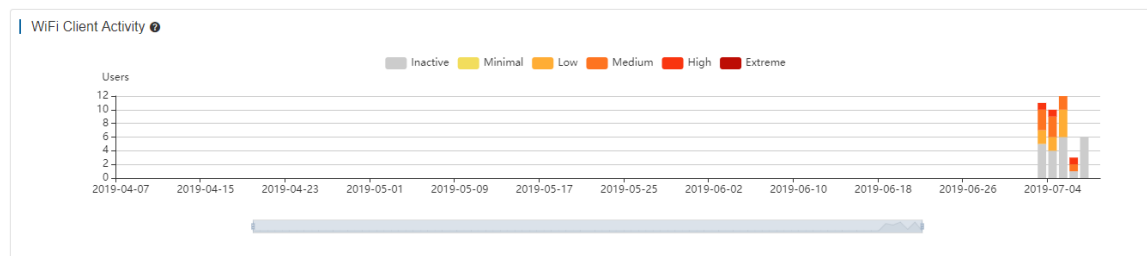
The power summary of the entire PoE device, including the total power and used power.

● Client > WiFi Client Summary



The client summary of the selected network during the specific period.

● Client > WiFi Client Activity



The client activity of the selected network during the specific period. The chart does not support searching data in the last 24 hours.

Client activity is evaluated based on online duration and traffic volume (from highest to lowest):

Inactive: ≤100KB traffic

Minimal: Any time and 100KB traffic

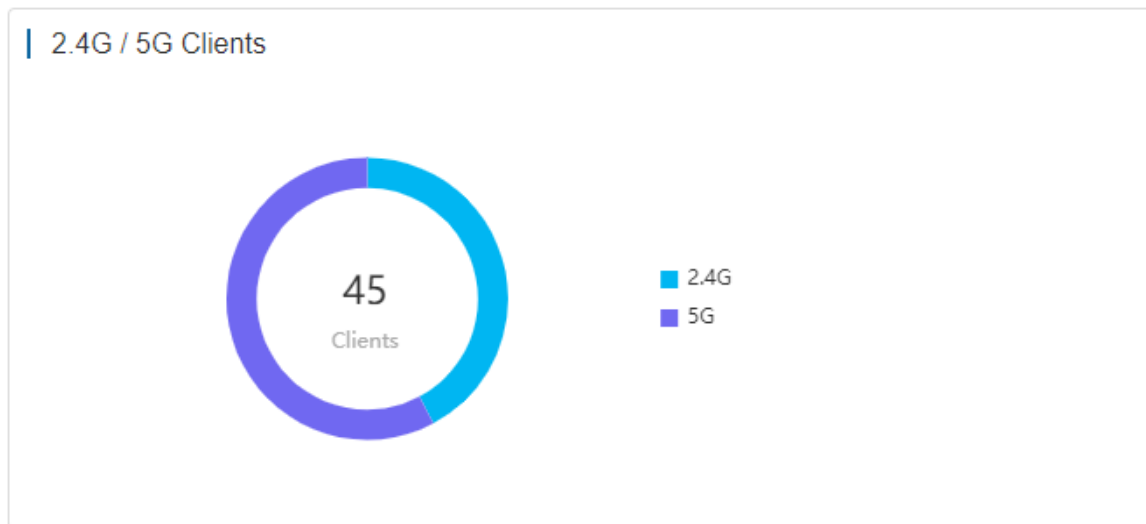
Low: 1h/d and 500K traffic

Medium: 2h/d time and 2M traffic

High: 4h/d time and 5MB traffic

Extreme: 8h/d time and 10MB traffic

● Client > 2.4G / 5G Clients



The proportion of STAs using 2.4G/5G of the selected network during the specific period.

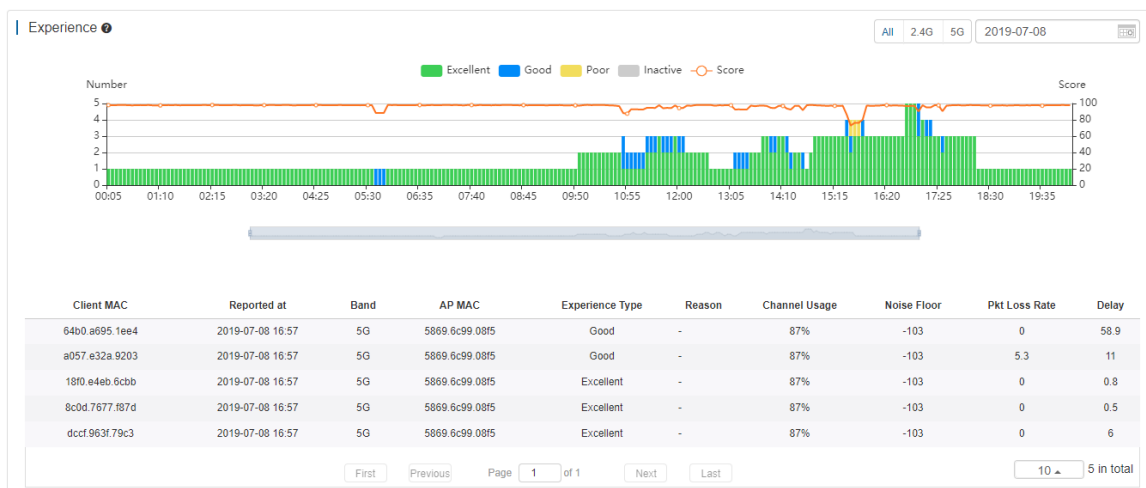
● Client > Top 10 WiFi Clients by Traffic

Top 10 WiFi Clients by Traffic

Ranking	MAC	Alias	Traffic	Uptime
1	64b0.a695.1ee4	Venus	472.79M	5h 32m 33s
2	a057.e32a.9203	-	395.83M	11h 59m 12s
3	3045.9609.0557	Nature	88.52M	4h 57m 0s
4	8c0d.7677.f87d	-	11.96M	28h 4m 53s
5	f018.9884.c16d	-	3.83M	1h 16m 4s
6	8c85.9090.0e7b	-	2.03M	0h 40m 46s
7	18f0.e4eb.6cbb	Venus	240.47K	0h 49m 52s

The top 10 clients ranked by traffic of the selected network during the specific period.

● Client > Experience



The experience status during the specified time and collects data every 5 minutes. You can switch between 2.4GHz and 5 GHz.

Client information: Click an indicator bar to display more information.

Excellent: HDV and online game are available.

Good: communication application, Web page and VoIP are available.

Poor: go offline frequently or hard to go online.

Inactive: check whether a client is inactive according to the traffic and power usage.

Score: Take the parameters of client delay, client packet loss, signal strength and so on as the reference, and then use the SVM algorithm to get the score.

5.4.2 Voucher

The **Voucher Report** records the sales of voucher during the specified period.

Voucher Report							Last 1 Day	Last 7 Days	Last 30 Days	Custom	
No.	Package Name	Description	Price	Qty	Activated Accounts	Total Price					
Total				0	0	0.00					

Click  to export the **Voucher Report** in PDF format.

Qty: Number of vouchers generated by each package in the specified period.

Activated Accounts: Number of vouchers activated by each package in the specified period.

Total Price: Total price of vouchers activated by each package in the specified period.

Total: Number of vouchers generated by all packages, number of vouchers activated by all packages and total amount of vouchers activated by all packages.

5.5 Device

Choose **MONITORING > DEVICE** to display the **Devices** page, and select a network on the top to filter devices.

5.5.1 AP

5.5.1.1 AP List

Non-apartment Scenario

AP List												Auto Refresh				
Add Web CLI View 0 Selected												SN, Alias, Description				
	Status	SN	Config Status	MAC	Alias	MGMT IP	Egress IP	Clients	Network	Firmware Version	Offline Time	Model	Description	Action		
<input checked="" type="checkbox"/>	Online	G1PH891000088	Success	c261 a77a d779	AP180(CD)	192.168.1.4	218.106.154.153	-	AP_HOTEL_RCP_AP_0115 8.8.0.0 (F) 1 @_seamless_...	AP_R200S 11.8.4.82, Release(20150916)	2021-04-23 07:02:07	AP180(CD)	Empty			
<input checked="" type="checkbox"/>	Offline	G1PH27PV0000000	Success	300a 8ed3 71e3	AP180(LP)	192.168.1.7	218.106.154.153	-	AP_HOTEL_RCP_AP_0115 8.8.0.0 (F) 1 @_seamless_...	AP_R200S 11.8.4.81(P3), Release(20211112)	2021-04-19 18:59:07	AP180(LP)	Empty			
<input checked="" type="checkbox"/>	Offline	G1PH480115472	Success	300a 8ed3 5d03	test	192.168.1.48	218.106.154.153	-	AP_HOTEL_RCP_AP_0115 8.8.0.0 (F) 1 @_seamless_...	AP_R200S 11.8.4.81(P3), Release(20191218)	2021-04-21 18:08:07	AP180(JA)	Empty			
<input checked="" type="checkbox"/>	Not Online Yet	8852EH0000000	Not Synchronized		8852EH0000000				8852EH0000000				Empty			

The **AP List** displays basic device information, including online/offline status, SN, configuration status, MAC, alias, management IP, public IP, client quantity, network, firmware version, offline time, model and description.

Apartment Scenario

AP List New firmware available for 1 devices

AddWeb CLIEWebMore0 Selected

Auto Refresh

SN, Room, Building ID, User ID

	Status	SN	Alias	Config Status	Network	Room	Building ID	User ID	MAC	MGMT IP	Egress IP	Clients	Firmware Version	Offline Time	Model	Description	Action	
<input type="checkbox"/>	Online	1234842570359	Empty	Synchronized	jk_3_jwl	999	6722	-	0624 4862 0371	192.168.21.246	120.35.11.140	-	AP_RIGOS 11.9.4@IP15, Release(1912218)	2021-06-16 12:09:07	AP120-L	Empty		
<input type="checkbox"/>	Online	G1P4H4803342	Empty	Synchronized	jk_3_jwl	888	6722	-	300d 3ede 523e	192.168.21.235	218.106.154.153	-	AP_RIGOS 11.9.4@IP3, Release(18172410)	-	AP180(JA)	Empty		
<input type="checkbox"/>	Online	G1Q04P1030799	Ruize	Synchronized	jk_3_jwl	0909	6722	-	c470 ab7b d9c3	192.168.21.251	112.54.33.113	-	AP_RIGOS 11.9.4@IP3, Release(17211112)	2021-06-17 21:18:37	AP180(JP)	Empty		
<input type="checkbox"/>	Not Online Yet	1232140P5	Empty	Not Synchronized	jk_3_jwl	135	6722	-	-	-	-	-	-	-	-	Empty		
<input type="checkbox"/>	Not Online Yet	12345707	Empty	Not Synchronized	jk_3_jwl	777	6722	-	-	-	-	-	-	-	-	Empty		
<input type="checkbox"/>	Not Online Yet	22222212	12121212	Not Synchronized	jk_3_jwl	-	-	-	-	-	-	-	-	-	-	Empty		
<input type="checkbox"/>	Not Online Yet	4345334343100	Empty	Not Synchronized	jk_3_jwl	-	-	-	-	-	-	-	-	-	-	Empty		
<input type="checkbox"/>	Not Online Yet	967654321	Empty	Not Synchronized	jk_3_jwl	6787	6722	-	-	-	-	-	-	-	-	Empty		
<input type="checkbox"/>	Not Online Yet	G1P4H4800944	Empty	Not Synchronized	jk_3_jwl	-	-	-	300d 3ede 4a08	-	-	-	-	-	-	RG-AP180	Empty	
<input type="checkbox"/>	Not Online Yet	K1P4H4800901	Empty	Not Synchronized	jk_3_jwl	-	-	-	800d 3ede 49a77	-	-	-	-	-	-	RG-AP180	Empty	

FirstPreviousPage 1 of 7NextLast

18 x 67 in total

The **AP List** displays basic device information, including the online/offline status, SN, configuration status, MAC, alias, management IP, public IP, client number, network, firmware version, offline time, model, building name, room, remark and description.

Auto Refresh: ☒

The **AP List** automatically refreshes every minute. Click to enable/disable the auto refresh function.

Above the list is the **Add AP**, **Web CLI** and **eWeb** functions. Click to display the **Move to**, **Delete**, and **Reboot** functions. For more information, refer to **Basic AP Operations**.

The **Search** function supports fuzzy queries based on the serial number, alias and description, and also supports queries based on online/offline status.

Click the record in the **Config Status** column to open the **Config Status** page. On this page, you can deliver one or all configurations.

Config Status(G1KQB7F01872A)

To synchronize all configurations to the AP, please click Manually Deliver. If a configuration fails to be synchronized, please click in the Action column to deliver it again.

Config	Status	Action
+ Whitelist Settings(Free Url)	Synced	<input type="button" value="Del"/>
+ Device Name Settings	Synced	<input type="button" value="Del"/>
+ Wireless Signal Settings	Synced	<input type="button" value="Del"/>
+ Bluetooth Settings	Synced	<input type="button" value="Del"/>
+ C/WMP Interval Settings	Synced	<input type="button" value="Del"/>
+ NAT Address Pool Settings	Synced	<input type="button" value="Del"/>
+ SSID Rate Limit Settings	Synced	<input type="button" value="Del"/>
+ 5G-Prior Access	Synced	<input type="button" value="Del"/>
+ Wireless Security Settings	Synced	<input type="button" value="Del"/>
+ Wireless Location Settings	Synced	<input type="button" value="Del"/>
+ Country Code and Bandwidth Settings	Synced	<input type="button" value="Del"/>
+ Access Control Settings	Synced	<input type="button" value="Del"/>
+ Global Radio Settings	Synced	<input type="button" value="Del"/>
+ Diagnosis Logging Settings	Synced	<input type="button" value="Del"/>
+ Log Settings	Synced	<input type="button" value="Del"/>
+ RF Parameter Settings	Synced	<input type="button" value="Del"/>
+ Custom CLI Settings	Synced	<input type="button" value="Del"/>
+ Web Based Settings	Synced	<input type="button" value="Del"/>

The number of devices which have available firmware for upgrade is displayed on the upper-left corner of the **AP List** page. Click **New Firmware** to display the **New Firmware List**. Then click **Go To Upgrade** to enter the **MAINTENANCE > UPGRADE > Upgrade** page.

Model	Current Version	Hardware Version	Devices	Recommended Version	Action
AP630(IDA2)	AP_RGOS 11.1(5)B40P2, Release(05161916)	1.01	1	AP_RGOS 11.1(5)B40P6, Release(06150512)	Go To Upgrade
AP740-I	AP_RGOS 11.1(5)B40P9	1.00	1	AP_RGOS 11.1(5)B40P6, Release(06150512)	Go To Upgrade
AP130(W2)	AP_RGOS 11.1(5)B40P2, Release(05170916)	1.00	1	AP_RGOS 11.1(5)B40P6, Release(06150511)	Go To Upgrade
AP720-L	AP_RGOS 11.1(5)B40P2	1.00	1	AP_RGOS 11.1(5)B40P6, Release(06150511)	Go To Upgrade
AP720-L	AP_RGOS 11.1(5)B40P9	1.00	1	AP_RGOS 11.1(5)B40P6, Release(06150511)	Go To Upgrade
AP710	AP_RGOS 11.1(5)B40P9	1.21	1	AP_RGOS 11.1(5)B40P6, Release(06150511)	Go To Upgrade
AP130(L)	AP_RGOS 11.1(5)B9P2, Release(04162719)	1.02	1	AP_RGOS 11.1(5)B9P11, Release(05151200)	Go To Upgrade
AP740-I	AP_RGOS 11.1(5)B40P2, Release(05161917)	1.00	1	AP_RGOS 11.1(5)B40P6, Release(06150512)	Go To Upgrade
AP720-I	AP_RGOS 11.1(5)B40P9	1.01	1	AP_RGOS 11.1(5)B40P6, Release(06150512)	Go To Upgrade
AP720-I	AP_RGOS 11.1(5)B40P9	1.02	1	AP_RGOS 11.1(5)B40P6, Release(06150512)	Go To Upgrade

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For more information, refer to **Device Details**.

5.5.1.2 Device Details

Click the serial number in the device list to open the details page for a single device. The page displays detailed device information, including basic information, connectivity, traffic summary, client data, online/offline status, RF information, and device log.

The AP information is described as:

● AP Info

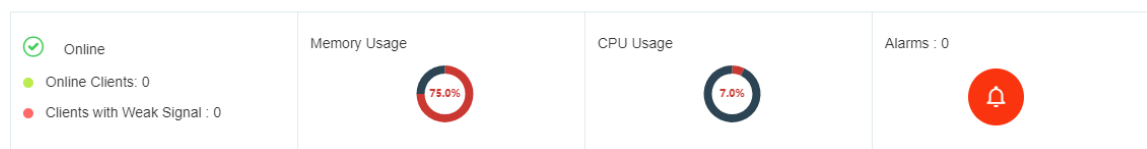
| AP Info

SN : G1PH646015472 MAC : 300d.9ede.6d81 MGMT IP : 192.168.21.75
 Model : AP180(JA) Config Status : Synchronized
 Hardware Version: 1.01
 Firmware Version : AP_RGOS 11.9(4)B1P3, Release(08170714)
 Alias : test
 Description :
 SSID : JP_HL_RCP_AP_001, JP_HL_RCP_AP_003, JP_HL_RCP_AP_002, eg_portal1

The basic information includes serial number, MAC address, management IP address, device model, configuration status, firmware version, hardware version, alias, and description.

● Static

| Status



The performance data includes the AP connection status, online client count, CPU usage, and memory usage.

● Connectivity

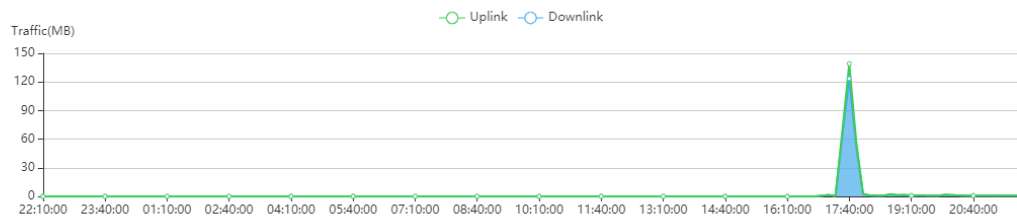
| Connectivity



AP connectivity refers to the connectivity (online status) between AP and Cloud Service within a period (1 day or 7 days).

Traffic Summary

Traffic Summary



You can select to view the AP traffic statistics in the last 24 hours or the last 1 week.

Radio List

Radio List

RF Type	Channel	Power	Channel Width (MHz)	Channel Usage
5G	36	100%	40	42%
2.4G	1	100%	20	71%

The **Radio List** page displays the RF information, including the RF type, current channel, power (percentage), channel bandwidth, and channel usage.

Client List

Client List

IP	MAC	SSID	RSSI	AP Alias	Band	Traffic (MB)	Manufacturer	Online Time	Offline Time
192.168.23.2	70EF.002B.0F13	Nature_Cloudtest	-55	Ruijie	2.4G	1.489	Apple	2019-04-08 06:24:16	-

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The client list displays information about clients currently associated with the APs, including the IP address, MAC address, SSID, RSSI, traffic, online/offline status, and terminal type.

Adjacent RF Signal

Adjacent RF Signal

[Scan Adjacent RF](#)

Start Time: 2020-10-26 15:59:35 End Time: 2020-10-26 16:14:46 Status: Complete

BSSID	Radio	Adjacent SSID	Adjacent Channel	RSSI	Adjacent SN	Adjacent MAC	Uploaded at
92d0.f019.990a	Radio2(5G)	999999999	36	64	G1PC5PK010012	00d0.f019.9904	2020-10-26 16:14:48
82d0.f019.9909	Radio1(2.4G)	999999999	7	56	G1PC5PK010012	00d0.f019.9904	2020-10-26 16:14:48
06d0.f822.3347	Radio1(2.4G)	testfor180	2	28	1234942570014	00d0.f822.3344	2020-10-26 16:14:48
06d0.f822.3348	Radio2(5G)	testfor180	149	23	1234942570014	00d0.f822.3344	2020-10-26 16:14:48
e20d.9ee8.71ef	Radio1(2.4G)	SSID-E871EA	2	21	G1PD7PW00080B	300d.9ee8.71ea	2020-10-26 16:14:48
3e05.8863.45d2	Radio2(5G)		44	60	Unidentified	Unidentified	2020-10-26 16:14:48
82d0.f811.2239	Radio2(5G)	WWWQQQQQ	52	49	Unidentified	Unidentified	2020-10-26 16:14:48
3205.885a.da54	Radio1(2.4G)	8F8B9E9C	1	48	Unidentified	Unidentified	2020-10-26 16:14:48
b053.6556.cede	Radio1(2.4G)	CMCC-Nic	9	48	Unidentified	Unidentified	2020-10-26 16:14:48
b253.6556.cede	Radio1(2.4G)	CMCC-NIC	9	48	Unidentified	Unidentified	2020-10-26 16:14:48

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The **Adjacent RF Signal** page displays the RF signals (scanned BSSID) emitted by adjacent APs. The **Radio**, **Adjacent Channel**, and **RSSI** in the list are scanned information. If a signal comes from the AP managed by the cloud controller, the adjacent AP SN and adjacent MAC address will be identified and displayed; otherwise, these two items are in an unidentified state.

You can trigger APs to scan adjacent RF signals, and identified and unidentified RF signals can be observed. There are two known scenarios:

- 1) Testing the number and strength of RF signals emitted by neighboring APs that are not managed by the system to predict a degree of RF interference.
- 2) Identifying RF signals emitted by neighboring APs managed by the system to diagnose the RF functions and powered-on status of neighboring APs.

On the device details page, you can perform adjacent RF scanning and check the scanning result. The following steps describe the method for scanning the adjacent RF signals:

Step 1. Click **Scan Adjacent RF** to trigger an AP to scan adjacent RF signals.

Adjacent RF Signal

Scan Adjacent RF

Start Time: 2020-10-26 15:59:35 End Time: 2020-10-26 16:14:46 Status: Complete

BSSID	Radio	Adjacent SSID	Adjacent Channel	RSSI	Adjacent SN	Adjacent MAC	Uploaded at
92d0.f019.990a	Radio2(5G)	999999999			00d0.f019.9904	00d0.f019.9904	2020-10-26 16:14:48
82d0.f019.9909	Radio1(2.4G)	999999999			00d0.f019.9904	00d0.f019.9904	2020-10-26 16:14:48
06d0.f822.3347	Radio1(2.4G)	testfor180			00d0.f822.3344	00d0.f822.3344	2020-10-26 16:14:48
06d0.f822.3348	Radio2(5G)	testfor180			00d0.f822.3344	00d0.f822.3344	2020-10-26 16:14:48
e20d.9ee8.71ef	Radio1(2.4G)	SSID-E871E			00080B	300d.9ee8.71ea	2020-10-26 16:14:48
3e05.8863.45d2	Radio2(5G)				Unidentified	Unidentified	2020-10-26 16:14:48
82d0.f811.2239	Radio2(5G)	WWWQQQQ			Unidentified	Unidentified	2020-10-26 16:14:48
3205.885a.da54	Radio1(2.4G)	8F8B8E9Ew9C	1	48	Unidentified	Unidentified	2020-10-26 16:14:48
b053.6556.cede	Radio1(2.4G)	CMCC-Nic	9	48	Unidentified	Unidentified	2020-10-26 16:14:48
b253.6556.cede	Radio1(2.4G)	CMCC-NIC	9	48	Unidentified	Unidentified	2020-10-26 16:14:48

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Step 2. After the AP is triggered, the trigger time, expected completion time, and status are displayed in the status bar. Then wait for the AP to finish scanning and send the results to the cloud controller.

Adjacent RF Signal

Scan Adjacent RF

Start Time: 2021-04-14 10:59:38 Expected Completion Time: 2021-04-14 11:19:38 Status: Initialization

BSSID	Radio	Adjacent SSID	Adjacent Channel	RSSI	Adjacent SN	Adjacent MAC	Uploaded at
-------	-------	---------------	------------------	------	-------------	--------------	-------------

Step 3. A list of RF signals scanned by the AP is displayed after the scanning. The list supports a filtering function based on the RF type (2.4 GHz/5 GHz).

Scan Adjacent RF



BSSID	Radio	Adjacent SSID	Adjacent Channel	RSSI	Adjacent SN	Adjacent MAC	Uploaded at
92d0.f019.990a	Radio2(5G)	999999999	36	64	G1PC5PK010012	00d0.f019.9904	2020-10-26 16:14:48
82d0.f019.9909	Radio1(2.4G)	999999999	7	56	G1PC5PK010012	00d0.f019.9904	2020-10-26 16:14:48
06d0.f822.3347	Radio1(2.4G)	testfor180	2	28	1234942570014	00d0.f822.3344	2020-10-26 16:14:48
06d0.f822.3348	Radio2(5G)	testfor180	149	23	1234942570014	00d0.f822.3344	2020-10-26 16:14:48
e20d.9ee8.71ef	Radio1(2.4G)	SSID-E871EA	2	21	G1PD7PW00080B	300d.9ee8.71ea	2020-10-26 16:14:48
3e05.8863.45d2	Radio2(5G)		44	60	Unidentified	Unidentified	2020-10-26 16:14:48
82d0.f811.2239	Radio2(5G)	WWWWQQQQQ	52	49	Unidentified	Unidentified	2020-10-26 16:14:48
3205.885a.da54	Radio1(2.4G)	✖x8F✖x8B✖x9E✖x9C	1	48	Unidentified	Unidentified	2020-10-26 16:14:48
b053.6556.cede	Radio1(2.4G)	CMCC-Nic	9	48	Unidentified	Unidentified	2020-10-26 16:14:48
b253.6556.cede	Radio1(2.4G)	CMCC-NIC	9	48	Unidentified	Unidentified	2020-10-26 16:14:48

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10
286 in total

- Configuration Backup List

Configuration Backup List

Current Back up Download Restore Delete Compare

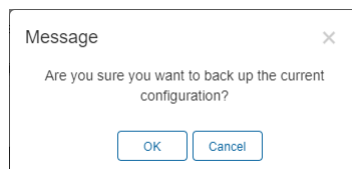
[illegible]

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Click **Current** to display the current configuration. Click **Backup** in the **Config Details** page to back up the current configuration.



Click **Back up** and then click **OK** in the message box to back up the current configuration.

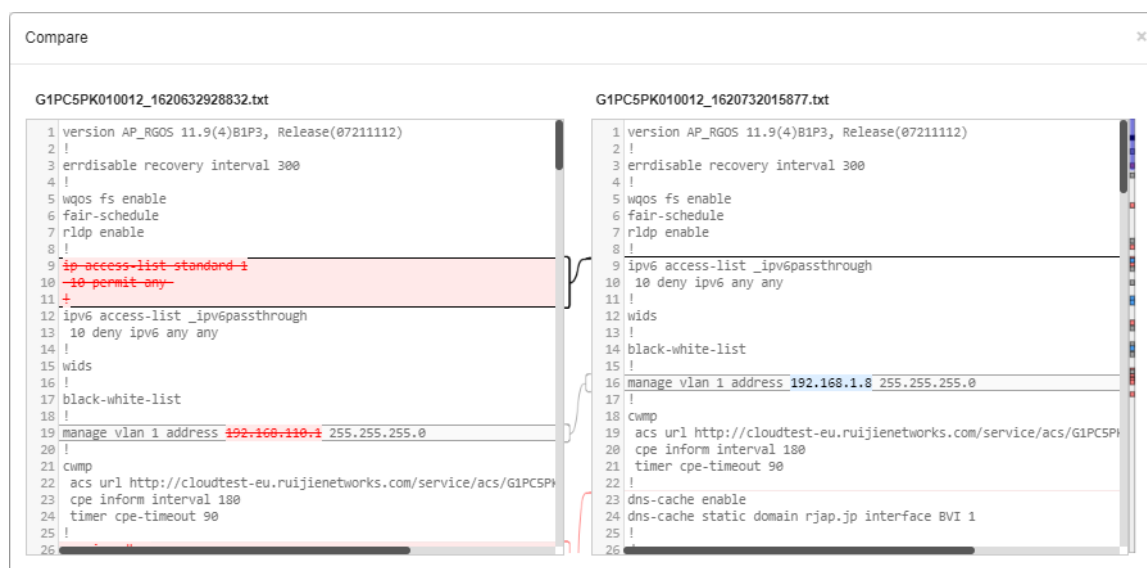


Select one record, and click **Download** to download the configuration file.

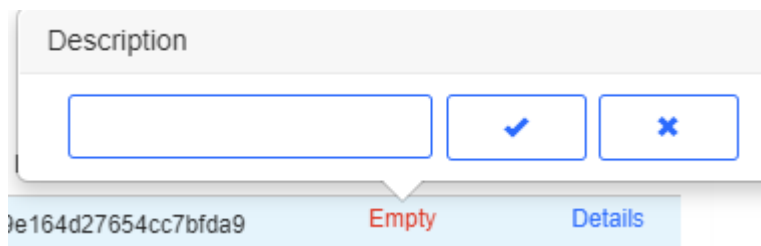
Select one record, and click **Restore** to restore the current configuration.

Select one or multiple records, and click **Delete** to delete the backup record.

Select two records, and click **Compare** to compare the differences.



Description can be edited. Click **Details** in the **Action** column to check the backup configuration.



● Device Log

Device Log

All [Search](#)

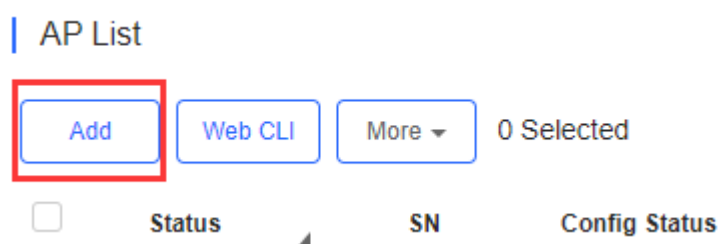
Type	Updated at	Content
Online/Offline	2021-04-09 10:38:07	Device offline. The final time when it sends packets to MACC is: 2021-04-09 10:38:07(It is an estimated value. The deviation is 1 minute.)
Reboot	2021-04-08 10:45:30	Device First connect to MACC or MACC address change
Mode Change	2021-04-08 10:42:21	Device change from ROUTER to BRIDGE
Reboot	2021-04-08 10:37:02	Device First connect to MACC or MACC address change
Mode Change	2021-04-08 10:34:43	Device change from BRIDGE to ROUTER
Online/Offline	2021-04-08 10:31:41	Device goes online for the first time
Reboot	2021-04-07 12:32:43	Device First connect to MACC or MACC address change
Reboot	2021-04-07 12:27:53	Device First connect to MACC or MACC address change
Mode Change	2021-04-07 12:22:12	Device change from ROUTER to BRIDGE
Online/Offline	2021-04-07 12:22:10	Device goes online for the first time

First Previous Page 1 of 19 Next Last 10 181 in total

The device log records the historical operations, and currently supports the online/offline records, restart records, and upgrade records, and supports queries based on the log type and period.

5.5.1.3 Basic AP Operations

● Add AP



Select the network, and click **Add**. Both batch import and manual add are supported.

Non-apartment Scenario

To batch import APs, click **Download Template** to download the template, enter AP information, and click **'xls' File** to import the template.

Add
×

Download and fill in the template. Up to 200 records can be imported



".xls" File
Download Template

[Click to select devices parsing rule \(Default Template \)](#)

Add a Device
Close

To manually add APs, click **Add a Device**, enter SN and alias of the AP, and click **OK**. Click **+** to add multiple APs.

Add
×

1 SN Alias +


Batch Import
OK
Close

Apartment Scenario

To batch import APs, click **Download Template** to download the template, enter AP information, and click **'xls' File** to import the template.

Add
×

Download and fill in the template. Up to 500 records can be imported



".xls" File
Download Template

[Click to select devices parsing rule \(Default Template \)](#)

Add a Device
Close

Model	SN	MAC	PN	SSID	SSID Password	Alias	Room	Building Name	Remark
-------	----	-----	----	------	---------------	-------	------	---------------	--------

Model: device model, optional

SN: device serial number, **mandatory**

MAC: device MAC address, **optional**

PN: device part number, **optional**

SSID/SSID Password: support up to 4 SSIDs/SSID passwords, and each SSID and password need to be separated by “,”, **optional**

Alias: device alias, **optional**

Room : the room that installs the device, **optional**

Building Name: the building that installs the device, **optional**

Remark: device remark, **optional**

You can also customize the template in EXCEL file to import devices. In order to parse the EXCEL file correctly, you should first create and specify the parse role.

Click **Click to select devices parsing rule**, and a new window pops up.

There will be one default rule.

Check	name	snPosition	ssidPosition	ssidPasswordPosition	roomPosition	buildingNamePosition	remarkPosition	Action
<input checked="" type="radio"/>	default	B2	E2	F2	H2	I2	J2	[edit] [delete] [add]
<input type="radio"/>	define1	C15	K15	L15	G15	E15	J15	[edit] [delete] [add]
<input type="radio"/>	defineRB1				H3	D3	F3	[edit] [delete] [add]
<input type="radio"/>	define	P3	R3	T3	H3	D3	F3	[edit] [delete] [add]
<input type="radio"/>	AUTORB				C2	D2	B2	[edit] [delete] [add]

Previous 1/4 Next

1. **Add** button: Add a new rule

2. Menu bar: Display rule content




- **Name:** User defined name
- **snPosition:** Specify the starting position of SN in template
- **ssidPosition:** Specify the starting position of SSID in template
- **ssidPasswordPosition:** Specify the starting position of SSID's password in template
- **roomPosition:** Specify the starting position of room number in template
- **buildingNamePosition:** Specify the starting position of building name in template
- **RemarkPosition:** Specify the starting position of remark in template

If an entry is left empty, it will not be imported when importing the template. For example, ssidPosition will not be imported if it is empty.

※User can customize the EXCEL parsing rule from columns A to Z and rows 1 to 15.

3. Check box: Only one rule can be selected at a time

4. Rule control button:


-  : Edit the rule
-  : Delete the rule
-  : Set the rule as default rule

5. Page up and down button

Import device by custom EXCEL file.
















Add

Download and fill in the template. Up to 200 records can be imported



[Click to select devices parsing rule \(default \)](#)

+ Add

Check	name	snPosition	ssidPosition	ssidPasswordPosition	roomPosition	buildingNamePosition	remarkPosition	Action
<input checked="" type="radio"/>	default	B2	E2	F2	H2	I2	J2	  
<input type="radio"/>	define1	C15	K15	L15	G15	E15	J15	  
<input type="radio"/>	defineRB1				H3	D3	F3	  
<input type="radio"/>	define	P3	R3	T3	H3	D3	F3	  
<input type="radio"/>	AUTORB				C2	D2	B2	  

Previous
1/4
Next

- Move to

AP List

Add
Web CLI
More ▼
1 Selected

	Alias
<input checked="" type="checkbox"/>	472 300D9EDE
<input type="checkbox"/>	01 Empty

Move to
Delete
Reboot

Select one or multiple devices in the **AP List**, click **More > Move to**, select the new network and click **OK**.

Select Network ×

default

test_apartment_bridge

ブリッジモード

test_for_tempニとねハ

evy_fxcc一組のテスト

Unfold

Fold

Order ▲

Search

OK

Cancel

- Delete

AP List

Add

Web CLI

More ▼

1 Selected

			Alias
<input type="checkbox"/>	S		
<input checked="" type="checkbox"/>	O	472	300D9EDE6D80
<input type="checkbox"/>	N	01	Empty

Move to

Delete

Reboot

Select one or multiple devices in the **AP List**, click **More > Delete** and click **OK**.

- Reboot

AP List

Add

Web CLI

More ▼

1 Selected

			Alias
<input type="checkbox"/>	S		
<input checked="" type="checkbox"/>	O	472	300D9EDE6D8
<input type="checkbox"/>	N	01	Empty

Move to

Delete

Reboot

Select one or multiple devices in the **AP List**, and click **Reboot**.

5.5.2 AC (beta)

5.5.2.1 AC List

AC List (Click "SN" to view details)

Auto Refresh: ☐

[Add](#) [Web CLI](#) [eWeb](#) [Upgrade](#) [More ▾](#) 0 Selected

SN, Name, Description

Status	SN	MAC	Alias	APISTA	Management URL	Egress IP	Offline Time	Network	Model	Firmware Version	Description Action
<input type="checkbox"/> Online	1234542570920	0051.56c0.002a	AirPro	APISTA List	192.168.21.195	112.54.33.113	2021-04-26 10:50:07	japan_testtesttesttest_バスタードには必	WLC-7008	AC_airo 11.9(2)B2P852_Release(08162118)	Latest Add

First Prev Page 1 of 1 Next Last

10 1 in total

The **AC List** displays basic device information, including online/offline status, SN, alias, management IP, MAC, public IP, network, firmware version, offline time, model and description.

Auto Refresh:

The **AC List** automatically refreshes every minute. Click to enable/disable the auto refresh function.

Above the list are the **Add**, **Web CLI**, **eWeb** and **Upgrade** functions. Click [More ▾](#) to display **Reboot**, **Export** and **Delete** functions. For more information, refer to **Basic AC Operations**.

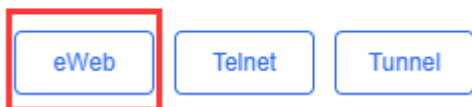
The **Search** function supports fuzzy queries based on the serial number, alias and description.

5.5.2.2 Device Details

Click the serial number in the device list to open the details page for a single device.

- eWeb

| Device Config



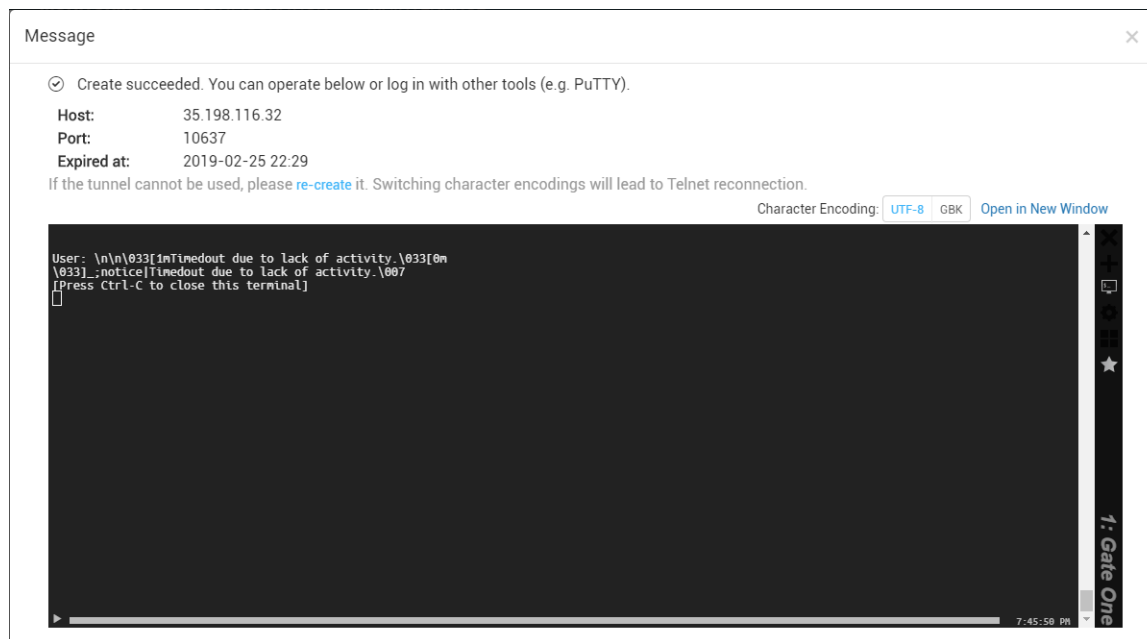
Click **eWeb** to open the eWeb system in a new window.

- Telnet

| Device Config

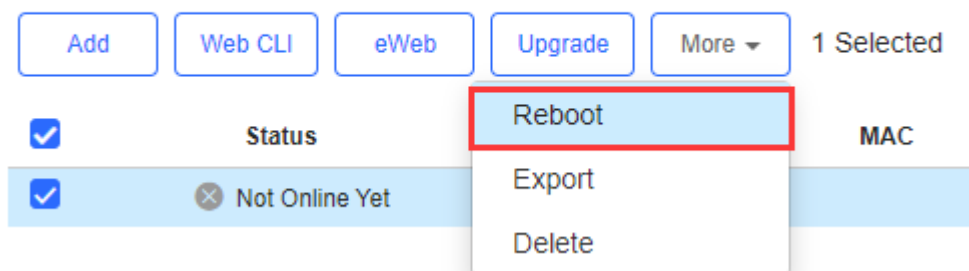


Click **Telnet** to connect to AC by Telnet protocol. Enter CLI commands to configure the AC.



- More > Reboot

AC List (Click "SN" to view details)



Click **More > Reboot** to restart the AC.

- Refresh

(Update Time:2019-02-25 19:21:07)  X

Click  to refresh all data in the page.

- Port Panel



The port panel imitates the actual AC panel, displaying the port type and status.

- Basic

Basic	
Alias:	ac177 
MGMT Password:	***** 
Model:	WS6812
SN:	G1ML11L000045
MAC:	9c65.eeee.eef0
Firmware Version:	AC_RGOS 11.9(5)B1, Release(06240613)
MGMT IP:	172.29.45.177
Description:	

Basic information includes the alias, model, SN and other information. Alias, MGMT Password and Description can be edited.

- Overview > CPU & Memory Usage

CPU & Memory Usage



CPU & memory usage are displayed here.

- Overview > Device Status

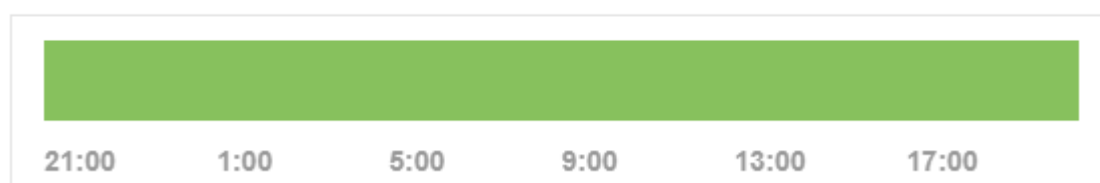
Device Status

Online Status	Online
Online Clients	0
Active Clients	0

Device status includes online status, online clients and active clients.

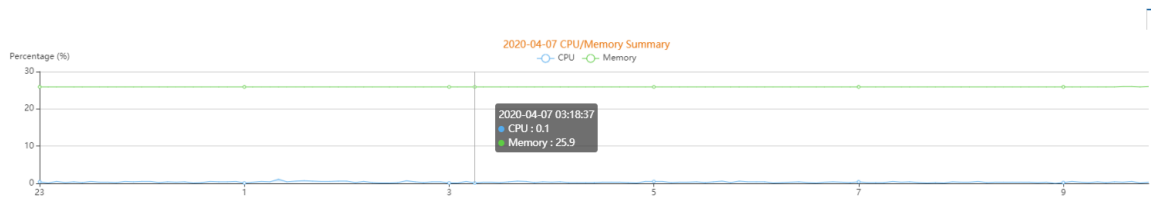
- Overview > Connectivity

Connectivity

[Last 24 Hours](#)[Last 7 Days](#)

Connectivity refers to the connectivity (online status) between AC and Cloud Service within a period (1 day or 7 days).

● Overview > CPU/Memory Summary



CPU/memory summary over the 24 hours are displayed.

● Overview > Device Log

Log Record | Device Log | Config Log

All Search

Type	Updated at	Content
Online/Offline	2020-04-05 19:41:53	Device online
Online/Offline	2020-04-05 19:37:07	Device offline. The first time when it sends packets to MACC is: 2020-04-05 20:28:07(it is an estimated value. The deviation is 1 minute.)
Online/Offline	2020-04-04 10:17:46	Device online
Online/Offline	2020-04-04 10:13:07	Device offline. The first time when it sends packets to MACC is: 2020-04-04 11:04:07(it is an estimated value. The deviation is 1 minute.)
Online/Offline	2020-04-03 19:46:39	Device online
Online/Offline	2020-04-03 19:46:07	Device offline. The first time when it sends packets to MACC is: 2020-04-03 20:37:07(it is an estimated value. The deviation is 1 minute.)
Restart	2020-04-03 16:02:57	Device first connect to MACC or MACC address change
Online/Offline	2020-04-03 16:02:36	Device goes online for the first time

First Previous Page 1 of 1 Next Last 10 8 in total

The device log records the historical operations, including online/offline, restart, upgrade and VLAN change, and supports queries based on log type and time.

● Overview > Config Log

Log Record | Device Log | Config Log

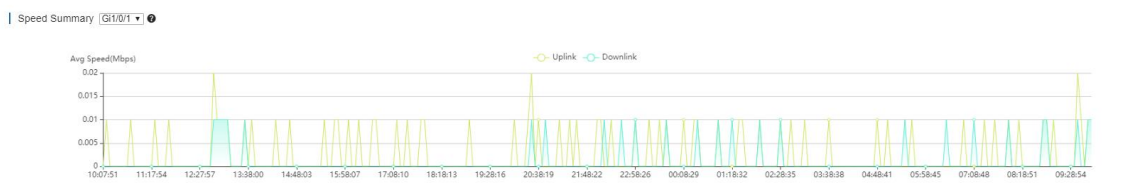
Search


Operation Type	Started at	Ended at	Status	Description	Details
+ Initial online of the device	2020-04-03 16:02	2020-04-03 16:03	Succeeded	Device: G1ML11L000045	
+ -	2020-04-03 16:02	2020-04-03 16:02	Succeeded	Log module (AC common log, AC interface traff...	
+ Device first online	2020-04-03 16:02	2020-04-03 16:02	Succeeded	Device: G1ML11L000045	

First Previous Page 1 of 1 Next Last 10 3 in total

The Config log records the historical configuration delivery, and supports queries based on status and time.

● Port > Speed Summary



Uplink & downlink speed of port are displayed. This page supports queries based on day, week and month. Click  to refresh the summary.

● Port > Port Status

Port							
Port Name	Admin Status	Status	Duplex Mode	Port Type	VLAN	PoE Status	
Gi1/0/1	Enabled	Connected (1000M)	Full-duplex	Access	1	Unsupported	
Te1/0/1	Enabled	Disconnected	Disconnected	Access	1	Unsupported	
Gi1/0/2	Enabled	Disconnected	Disconnected	Access	1	Unsupported	
Te1/0/2	Enabled	Disconnected	Disconnected	Access	1	Unsupported	
Gi1/0/3	Enabled	Disconnected	Disconnected	Access	1	Unsupported	
Gi1/0/4	Enabled	Disconnected	Disconnected	Access	1	Unsupported	
Gi1/0/5	Enabled	Disconnected	Disconnected	Access	1	Unsupported	
Gi1/0/6	Enabled	Disconnected	Disconnected	Access	1	Unsupported	
Gi1/0/7	Enabled	Disconnected	Disconnected	-	-	Unsupported	
Gi1/0/8	Enabled	Disconnected	Disconnected	-	-	Unsupported	

First Previous Page 1 of 1 Next Last 10 10 in total

Port information includes port name, VLAN etc.

● Config > AC Configuration Backup List

Backup List							
AC AP							
Current Back up Download Restore Delete Compare 0 Selected							
<input type="checkbox"/>	File Name	File Size	Time	Mode	MD5	Description	Action
<input type="checkbox"/>	G1ML11L000045_1568012511307.txt	5378		Auto	145C227675C361a1f42025ac8f1128		Details
<input type="checkbox"/>	G1ML11L000045_1565753262845.txt	5359		Auto	da9f2a98891f3da77b84c7ba037a8af		Details
<input type="checkbox"/>	G1ML11L000045_1574894003928.txt	8758		Auto	a1af9dc44b8c04e9dc77947b2c27aa		Details
<input type="checkbox"/>	G1ML11L000045_1574175664555.txt	8758		Auto	3c0a0c1b27efc8b8d8e8d8e8d8e8d8e8		Details
<input type="checkbox"/>	G1ML11L000045_1573830003576.txt	8745		Auto	71a75ac91d53361f3b86b7c5b643865		Details

First Previous Page 1 of 1 Next Last 10 5 in total

The backup records include configuration file name, size, time, mode and MD5.

Click **Current** to display the current configuration. Click **Back up** in the **Config Details** page to back up the current configuration.

Config Details

Building configuration...

Current configuration: 5378 bytes

version AC_RGOS 11.9(5)B1, Release(06240613)

hostname ac177

!

wlan-config 1 ACtest1

ssid-code utf-8

wlan-based per-user-limit up-streams average-data-rate 200 burst-data-rate 200

wlan-based per-user-limit down-streams average-data-rate 200 burst-data-rate 200

Backup

● Config > AP Configuration Backup List

Backup List

AC AP

Download Delete Compare 0 Selected

	File Name	File Size	Time	Mode	MD5	Description	Action
<input type="checkbox"/>	G1ML11L000045_1508185309734.txt	811		Auto	45112d715b11adca1e2cc8d83ca22e2		Details
<input type="checkbox"/>	G1ML11L000045_1508012512516.txt	814		Auto	a43224e2d5499040407956a887ea2eaf		Details
<input type="checkbox"/>	G1ML11L000045_150839664376.txt	645		Auto	b8331f82edd56a2f1c9034094e46635a		Details
<input type="checkbox"/>	G1ML11L000045_1508753264647.txt	645		Auto	a2e2469ba3aa2285139176e297b518f		Details
<input type="checkbox"/>	G1ML11L000045_150852561307.txt	454		Auto	482761b4b4cad19be41020af9cb0bc0		Details
<input type="checkbox"/>	G1ML11L000045_1508796239931.txt	454		Auto	482761b4b4cad19be41020af9cb0bc0		Details
<input type="checkbox"/>	G1ML11L000045_1508797576717.txt	454		Auto	482761b4b4cad19be41020af9cb0bc0		Details
<input type="checkbox"/>	G1ML11L000045_150893314058.txt	454		Auto	482761b4b4cad19be41020af9cb0bc0		Details
<input type="checkbox"/>	G1ML11L000045_1508507016913.txt	454		Auto	482761b4b4cad19be41020af9cb0bc0		Details
<input type="checkbox"/>	G1ML11L000045_1503420564865.txt	454		Auto	482761b4b4cad19be41020af9cb0bc0		Details

First Previous Page 1 of 4 Next Last

10 32 in total

The backup records include configuration file name, size, time, mode and MD5.

Click **Back up** and then click **OK** in the message box to back up the current configuration.

Message

Are you sure you want to back up the current configuration?

OK Cancel

Select one record, and click **Download** to download the configuration file.

Select one record, and click **Restore** to restore the current configuration.

Select one or multiple records, and click **Delete** to delete the backup record.

Select two records, and click **Compare** to compare the differences

Compare

G1ML11L000045_1508753262845.txt	G1ML11L000045_1508012511307.txt
139 web-auth template wifidog_1 wifidog	139 web-auth template wifidog_1 wifidog
120 ip 172.31.193.83	120 ip 172.31.193.83
121 nas-ip 1.2.3.4	121 nas-ip 1.2.3.4
122 url http://172.31.193.83/auth/wifidogauth	122 url http://172.31.193.83/auth/wifidogauth
123 redirect http	123 redirect http
124 !	124 !
125 web-auth template wechat_0 wechat	125 web-auth template wechat_0 wechat
126 key rule1	126 key rule1
127 service-url 5.5.5.5	127 service-url 5.5.5.5
128 nas-ip 1.2.3.4	128 nas-ip 1.2.3.4
129 redirect http	129 redirect http
130 !	130 !
131 username admin password rule1e123	131 username admin password rule1e123
132 username lyf web-auth password 123456	132 username lyf web-auth password 123456
133 !	133 !
134 aaa new-model	134 aaa new-model
135 !	135 !
136 aaa accounting network ipportal_account start-stop none	136 aaa accounting network ipportal_account start-stop none
137 aaa authentication login default local	137 aaa authentication login default local
138 aaa authentication ipportal 1 local	138 aaa authentication ipportal 1 local
139 no identify-application enable	139 no identify-application enable
140 !	140 !
141 comp	141 comp
142 mcs url https://38-221-26-330/service+860servicet	142 mcs url http://cloudtest-as.ruifinetworks.com/service/acs/G1ML11L000045
143 cpe inform interval 800	143 cpe inform interval 65

● Tunnel > Create Tunnel

Create Tunnel

Type:

Select the tunnel type and click **Create Tunnel**. The tunnel types include Telnet, eWeb and SSH.

● Tunnel > Tunnel List

Tunnel List

Click Refresh to update the tunnel status. If the tunnel is unavailable, please close the tunnel and re-create it. If the re-created tunnel is still unavailable, please contact us for support.

Local Global

Type	Host	Port	Destination Device	Expired at	Status	Action
Telnet	35.230.251.32	10006	Local	2020-04-07 13:48	Creating	
eWeb	34.84.133.148	10001	Local	2020-04-07 12:34	Connecting	Disable Go

First Previous Page 1 of 1 Next Last

10 2 in total

Tunnel information includes tunnel type, host, port, destination device, expiration time and status. Click **Re-create** in the **Action** column to re-create a tunnel. Click **Telnet/eWeb** in the **Action** column to open the corresponding page.

5.5.2.3 Basic AC Operations




● Add AC Network

Add Network • Add Network → Add Device → Finish ×

Basic

Name

Scenario

 Hotel
  Apartment
  Other

Time Zone (GMT+9:00)Asia/Tokyo

Type

☐ Cloud + AP
 ☒ AC + Fit AP

Basic Information

Name	
Time Zone	(GMT+9:00)Asia/Tokyo
Type	AC + Fit AP
Location	Not Bound

Cancel Next

● Add AC

ALL (GMT+9:00)Asia/Tokyo Manage Network Take over Network Unbind Device

AC List (Click "SN" to view details) Auto Refresh: ☒

Add Web CLI eWeb Upgrade More 0 Selected

Status	SN	MAC	Alias	API/STA	Management URL	Egress IP	Offline Time	Network	Model	Firmware Version	Description	Action
Offline	1234542570020	005156c0.002a	AsPro	API/STA List	192.168.21.195	112.54.33.113	2021-04-26 10:50:07	japan_testtesttesttest_パスワードには必ずgl...	WLC-7008	AC_ukros 11.9(2)B2P852, Release(08162118)	Latest	Add

First Prev... Page 1 of 1 Next Last 10 1 in total

Click **Add**, enter the SN and Alias, and click **OK** to add an AC to the network. Only one AC can be added to a network.

Add ×

SN

Alias

Add Close

AC List (Click "SN" to view details) Auto Refresh: ☒

Add Web CLI eWeb Upgrade More 0 Selected

Status	SN	MAC	Alias	API/STA	Management URL	Egress IP	Offline Time	Network	Model	Firmware Version	Description	Action
Not Online Yet	20210630		20210630	API/STA List				となりまアップデバイスdnhbldsg56df4g515g4...				Add

First Prev... Page 1 of 1 Next Last 10 1 in total

● eWeb

AC List (Click "SN" to view details)

Auto Refresh: ☐ ☒ ☐ ☐

[Add](#) [Web CLI](#) [eWeb](#) [Upgrade](#) [More](#) 0 Selected

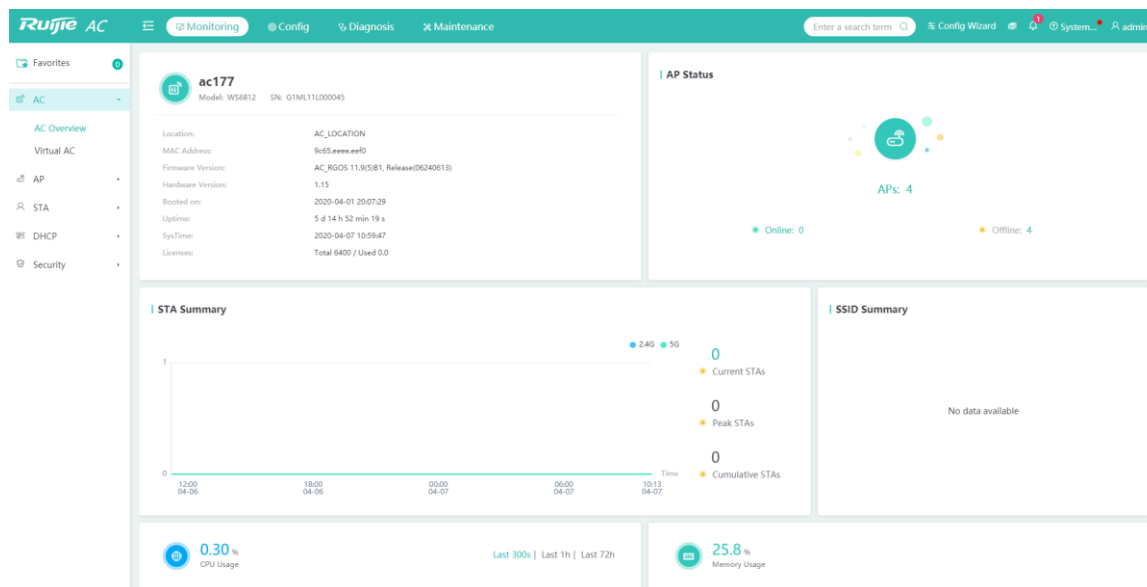
SN, Name, Description

Status	SN	MAC	Alias	AP/STA	Management URL	Egress IP	Offline Time	Network	Model	Firmware Version	Description	Action
<input type="checkbox"/> Not Online Yet	20210630	20210630	AP/STA List	AP/STA List	-	-	-	となりまアップデバイスdhtbfsdg56df4g515g4...				Add

First Previ... Page 1 of 1 Next Last


10 1 in total

Select the device and click **eWeb**. The system will connect to AC and automatically open the eWeb page in a new window.



If a tunnel is created successfully but the eWeb page does not automatically open, a message is displayed as below. The user can manually click the link to open the page.

Message



The tunnel is created successfully and the eWeb system is connected.

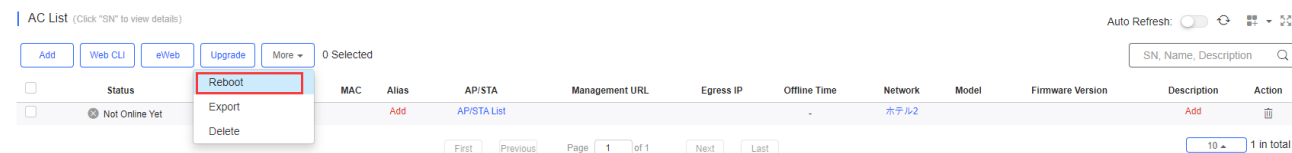
If the browser can not access the eWeb system:

1. please allow the browser to pop up windows.
2. please check if the proxy is turned on.

If the web configuration page does not open automatically, please [click here](#) to open the configuration page.

[Click here](#) to re-create the tunnel

● Reboot



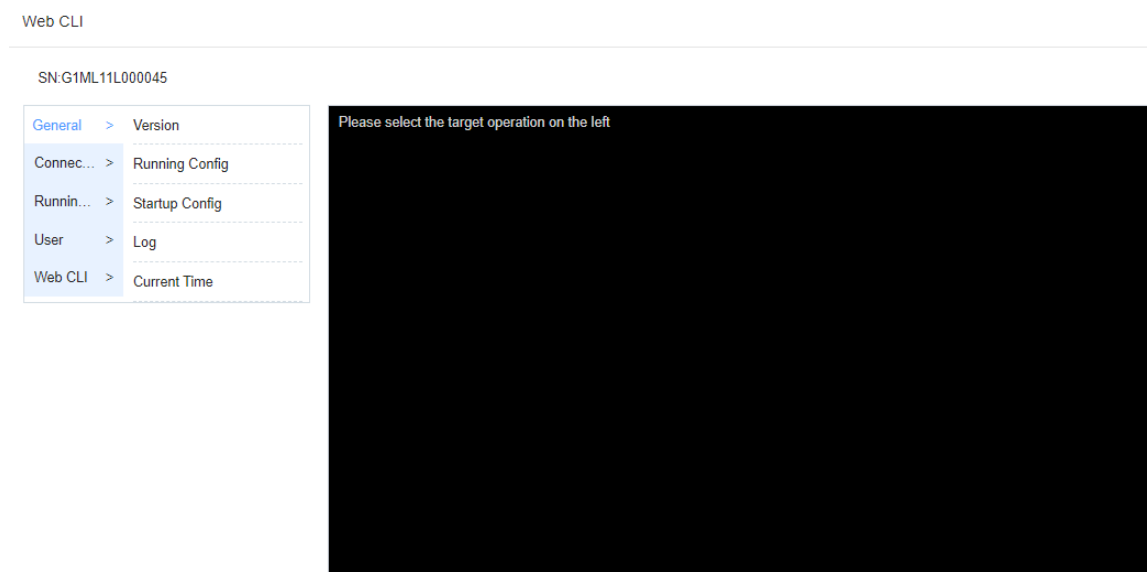
Select the device in the **AC List**, click **More > Reboot** and click **OK**.

● Web CLI



Select the device to be managed by CLI command, click **Web CLI**. The **Web CLI** page provides commonly-used CLI commands on the left. Click the command, or manually enter the command and click **Send**. Only one AC can be configured at a time.

● Tunnel Config



The user can create a Web-based tunnel to enter the eWeb system of an AC for more monitoring and management functions.

Note: If any security system exists in the network, such as a firewall, the traffic of destination TCP port 10000-10300 should be permitted.

Select the device for tunnel management, and click **More > Tunnel Config**. In the **Tunnel Management** page, only the **Web** type can be selected now, and the **Tunnel List** displays the tunnels already created.

Overview Port Config **Tunnel**

Description:

Create Tunnel

Type: Telnet Create Tunnel

Tunnel List

Local Global

Click Refresh to update the tunnel status. If the tunnel is unavailable, please close the tunnel and re-create it. If the re-created tunnel is still unavailable, please contact us for support.

Type	Host	Port	Destination Device	Destination Port	Expired at	Status	Action
No Data							

First Previ... Page 0 of 0 Next Last 10 0 in total

Delete

AC List (Click "SN" to view details)

Add Web CLI eWeb Upgrade More 0 Selected

Auto Refresh:

SN, Name, Description

	Status	MAC	Alias	AP/STA	Management URL	Egress IP	Offline Time	Network	Model	Firmware Version	Description	Action
<input type="checkbox"/>	Not Online Yet			AP/STA List				ホナル2				Add

First Previous Page 1 of 1 Next Last 10 1 in total

Select the device in the **AC List**, click **More > Delete** and click **OK**.

5.5.2.4 AP / STA List

AC List (Click "SN" to view details)

Add Web CLI eWeb Upgrade More 0 Selected

Auto Refresh:

SN, Name, Description

	Status	SN	MAC	Alias	AP/STA	Management URL	Egress IP	Offline Time	Network	Model	Firmware Version	Description	Action
<input type="checkbox"/>	Not Online Yet	20210630	20210630		AP/STA List				となりまアップデバイスdnhbfsdg56df4g515g4...				Add

First Previous Page 1 of 1 Next Last 10 1 in total

Click **AP/STA List** to display AP and STA list.

Fit AP List

MAC Name Search

Status	MAC	SN	IP	Alias	Firmware Version	Model	Network	Description
No Data								

First Previous Page 0 of 0 Next Last 10 0 in total

Return

0 Selected

STA List

MAC SSID Search

IP	Client MAC	SSID	Online Time	Uplink Speed	Downlink Speed	Speed	Uplink Traffic	Downlink Traffic	Traffic	Band	RSSI	Auth Mode	Access Type	Channel	Uptime
No Data															

First Previous Page 0 of 0 Next Last 10 0 in total

Return

0 Selected

5.5.3 Switch

5.5.3.1 Switch List

Switch List Auto Refresh: ☒

Add Web CLI More ▾ 0 Selected SN, Alias, Description

<input type="checkbox"/>	Status	SN	MAC	Alias	MGMT IP	Egress IP	Offline Time	Network	Model	Firmware Version	Description	Action
<input type="checkbox"/>	Online	1234942570071	00d0.f822.335e	1930-50	172.18.20.207	120.35.11.140	2021-04-12 11:03:07	test	XS-S1930J-48GT4SFP	S1930J_RGOS 11.4(1)B70P10, Release(07233016)	Empty	
<input type="checkbox"/>	Offline	1234942570088	00d0.f822.3366	1930-18GT2SFP	172.18.23.204	218.106.154.153	2021-02-01 16:34:07	test	XS-S1930J-18GT2SFP	S1930J_RGOS 11.4(1)B70P15, Release(08140110)	Empty	
<input type="checkbox"/>	Offline	1234942570089	00d0.f822.3390	19-8GT	192.168.21.104	218.106.154.153	2021-02-03 16:05:07	default	XS-S1930J-8GT2SFP	S1930J_RGOS 11.4(1)B70P15, Release(08132618)	Empty	
<input type="checkbox"/>	Offline	1234942570090	00d0.f822.336a	1930-18GT-P	192.168.21.103	120.35.11.140	2021-04-06 21:36:07	test	XS-S1930J-18GT2SFP-P	S1930J_RGOS 11.4(1)B70P15, Release(08160218)	Empty	
<input type="checkbox"/>	Not Online Yet	040800001		0408#00001			-	test_poeStatus_1 / test_poeStatus_1_1			Empty	
<input type="checkbox"/>	Not Online Yet	040800002		0408#00002			-	test_poeStatus_1 / test_poeStatus_1_1			Empty	
<input type="checkbox"/>	Not Online Yet	040800003		0408#00003			-	test_poeStatus_1 / test_poeStatus_1_1			Empty	
<input type="checkbox"/>	Not Online Yet	040800004		0408#00004			-	test_poeStatus_1 / test_poeStatus_1_1			Empty	
<input type="checkbox"/>	Not Online Yet	040800005		0408#00005			-	test_poeStatus_1 / test_poeStatus_1_1			Empty	
<input type="checkbox"/>	Not Online Yet	040800006		0408#00006			-	test_poeStatus_1 / test_poeStatus_1_1			Empty	

10 ▴ 3206 in total

The **Switch List** displays basic device information, including the online/offline status, SN, MAC, alias, management IP & public IP, offline time, network, model, firmware version and description.

Auto Refresh: ☒

The **Switch List** automatically refreshes every minute. Click to enable/disable the auto refresh function.

More ▾

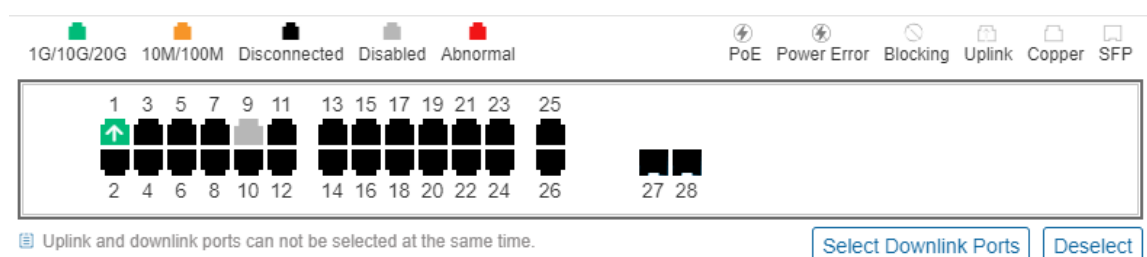
Above the list is the **Add Switch** and **Web CLI** function. Click to display the **Move to**, **Delete**, and **Reboot** functions. For more information, refer to **Basic Switch Operations**.

The **Search** function supports fuzzy queries based on the serial number, alias and description, and also supports queries based on online/offline status.

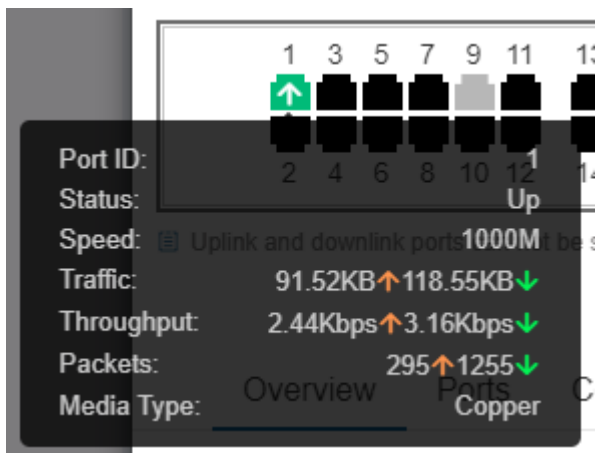
5.5.3.2 Device Details

Click the serial number in the device list to open the details page of a single device. The page displays detailed device information, including the port panel, basic information, overview, ports, config, PoE and diagnosis.

● Port Panel



The port panel imitates the actual switch panel, displaying the port type, status and speed.



When you point the mouse to a port, the traffic, speed and other information of the port will be displayed.

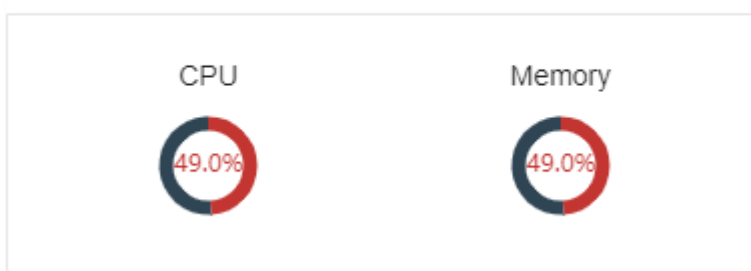
- Switch Info

Switch Info	
Alias:	S5750C-28GT4XS-H
Model:	S5750C-28SFP4XS-H
SN:	G1MQ4UT000044
MAC:	0074.9c77.ab71
Firmware Version:	S5700H_RGOS 11.4(1)B42P1, Release(05172516)
MGMT IP:	172.17.126.6
Description:	S5750C-28SFP4XS-H

Switch information includes the alias, model, SN and other information. **Alias** and **Description** can be edited.

- Overview > CPU & Memory Usage

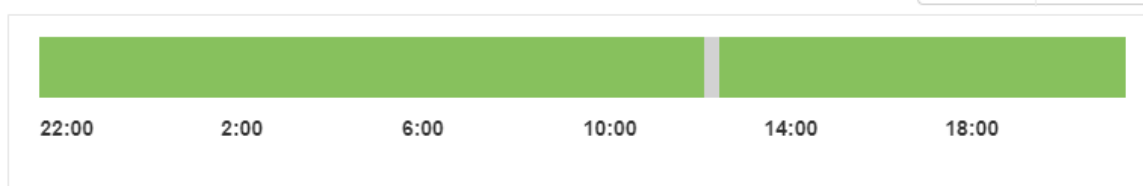
CPU & Memory Usage



- Overview > Connectivity

Connectivity

Last 1 Day Last 7 Days



Connectivity refers to the connectivity (online status) between Switch and Cloud Service within a period (1 day or 7 days).

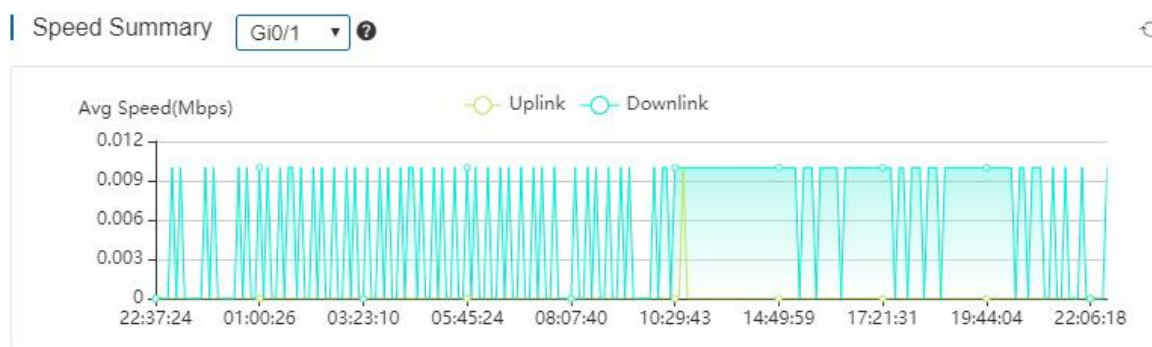
- Overview > Uplink

Uplink

Port	Gi0/1
Speed	1000M
Duplex	Full-duplex
Uplink/Downlink Speed?	1.11Kbps↑ 5.56Kbps↓
Uplink/Downlink Traffic?	41.52KB↑ 208.65KB↓

Uplink information includes the port, speed, duplex, uplink/downlink speed and uplink/downlink traffic.

- Overview > Speed Summary



Speed summary includes the uplink/downlink speed summary over the past 24 hours.

- Overview > Device Log

Log Record

Device Log Config Log Port Log

All Q Search ↻ ⌵

Type	Updated at	Content
Online/Offline	2021-04-12 11:33:01	Device online
Reboot	2021-04-12 11:33:01	Device restart
Online/Offline	2021-04-12 11:12:07	Device offline. The final time when it sends packets to MACC is: 2021-04-12 11:12:07(It is an estimated value. The deviation is 1 minute.)
Reboot	2021-04-05 16:34:22	Device restart
Online/Offline	2021-04-05 16:34:22	Device online
Online/Offline	2021-04-05 11:02:07	Device offline. The final time when it sends packets to MACC is: 2021-04-05 11:02:07(It is an estimated value. The deviation is 1 minute.)
Online/Offline	2021-04-02 03:48:10	Device online
Reboot	2021-04-02 03:48:10	Device restart
Online/Offline	2021-03-29 15:51:07	Device offline. The final time when it sends packets to MACC is: 2021-03-29 15:51:07(It is an estimated value. The deviation is 1 minute.)
Online/Offline	2021-03-09 11:54:01	Device goes online for the first time

First Previous Page 1 of 1 Next Last

10 10 in total

The device log records the historical operations, including online/offline, restart, upgrade, and VLAN change, and supports queries based on log type and time.

- Overview > Config Log

Log Record

Device Log Config Log Port Log

Search

Operation Type	Started at	Ended at	Status	Description	Details
Device first online	2021-03-09 11:54	2021-03-09 11:54	Succeeded	Device: 1234942570071	
Switch device group	2020-12-10 17:43	2020-12-10 17:43	Succeeded	Device: 1234942570071. Group is changed fr...	
Initial online of the device	2020-12-10 17:33	2020-12-10 17:33	Succeeded	Device: 1234942570071	
Device first online	2020-12-09 17:12	2020-12-10 17:33	Aborted	Device: 1234942570071	

First Previous Page 1 of 1 Next Last 10 4 in total

The config log records the historical configuration delivery, and supports queries based on status and time.

Overview > Port Log

Log Record

Device Log Config Log Port Log

Port Updated at Content

No Data

First Previous Page 0 of 0 Next Last 10 0 in total

The port log records the changes of port configuration, and supports queries based on port ID and time.

Ports > Port Settings

Port Settings

Admin Status	Enabled	Type	Access
Duplex Mode	Auto-negotiation	VLAN ID	1
Speed			
Description	Custom		
PoE-Capable	On		
Media Type	Copper	Unsupported	

Save

Select one or multiple ports in the port panel to display and edit the port configuration, including admin status, duplex mode and speed.

Ports > Port List

Port List



Port	Admin Status	Status	Duplex Mode	Port Type	VLAN ID	PoE Status	Action
Gi0/1	Enabled	Connected(1000M)	Full-duplex	Access	1	Unsupported	
Gi0/2	Enabled	Disconnected	Disconnected	Access	1	Unsupported	
Gi0/3	Enabled	Disconnected	Disconnected	Access	1	Unsupported	
Gi0/4	Enabled	Disconnected	Disconnected	Access	1	Unsupported	
Gi0/5	Enabled	Disconnected	Disconnected	Access	1	Unsupported	
Gi0/6	Enabled	Disconnected	Disconnected	Access	1	Unsupported	
Gi0/7	Enabled	Disconnected	Disconnected	Access	1	Unsupported	
Gi0/8	Enabled	Disconnected	Disconnected	Access	1	Unsupported	
Gi0/9	Enabled	Disconnected	Disconnected	Access	1	Unsupported	
Gi0/10	Enabled	Disconnected	Disconnected	Access	1	Unsupported	

First Previous Page 1 of 6 Next Last 10 52 in total

Port list includes the information of all ports, including port ID, admin status, port status, duplex mode, port type, VLAN ID and PoE status, and support queries based on admin status, port type and PoE status.

- Config > VLAN List

VLAN List


Add		 	
VLAN ID	Port	Action	
1	Gi0/1, Gi0/2, Gi0/3, Gi0/4, Gi0/5, Gi0/6, Gi0/7, Gi0/8, Gi0/9, Gi0/10, Gi0/11, Gi0/12, Gi0/13, Gi0/14, Gi0/15, Gi0/16, Gi0/17, Gi0/18, Gi0/19, Gi0/20, Gi0/21, Gi0/22, Gi0/23, Gi0/24, Gi0/25, Gi0/26, Gi0/27, Gi0/28, Gi0/29, Gi0/30, Gi0/31, Gi0/32, Gi0/33, Gi0/34, Gi0/35, Gi0/36, Gi0/37, Gi0/38, Gi0/39, Gi0/40, Gi0/41, Gi0/42, Gi0/43, Gi0/44, Gi0/45, Gi0/46, Gi0/47, Gi0/48, Gi0/49, Gi0/50, Gi0/51, Gi0/52		

[First](#) [Previous](#) Page 1 of 1 [Next](#) [Last](#) 10 1 in total

VLAN list includes the VLAN ID and the correspondingly ports.

- Config > SVI & DHCP

SVI&DHCP

Add			
VLAN ID	SVI	DHCP Pool Name	Action
92	92.1.1.2	-	Edit Delete SVI

[First](#) [Previous](#) Page 1 of 1 [Next](#) [Last](#) 10 1 in total

SVI & DHCP information includes VLAN ID, SVI and DHCP pool name. You can add, edit or delete the SVI or DHCP configuration.

SVI&DHCP Configuration

VLAN ID

*

IP

*

Subnet Mask

*

[Save](#)[Cancel](#)

Click **Add** to configure the IP and subnet mask of a VLAN, and configure the name, IP segment, subnet mask and gateway of DHCP service.

- Config > DHCP Snooping

DHCP Snooping

DHCP Snooping Status ☒

Trust the selected ports (The uplink port is selected by default)

Selected Unselected Non-configurable

Uplink Copper SFP

1	3	5	7	9	11	13	15	17	19	21	23	25	27	29	31	33	35	37	39	41	43	45	47	49	51
2	4	6	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52

Tip: The uplink port is selected by default if it is not a layer-3 interface. If the port connecting to the DHCP server is not an uplink port, please select it manually.
Click to select or deselect the port.

Select All Deselect Refresh

Save

Please click Save after configuration.

Enable **DHCP Snooping Status**, select ports and click **Save**. The uplink port is selected by default if it is not routed port. If the port connecting to the DHCP server is not an uplink port, please select it manually.

● Config > RLDP

RLDP

RLDP Status ☒

Auto Config

Warning Warning and Block Warning and Shutdown Shutdown SVI Unavailable Detection Disabled Uplink Copper SFP

1	3	5	7	9	11	13	15	17	19	21
2	4	6	8	10	12	14	16	18	20	22

Tip: Click to select or deselect the port.

Select All Deselect Refresh

Config Port: **Gi0/17**

Type: Loop Detection Troubleshooting: Block

Save

Enable **RLDP Status**, select one or multiple ports, choose the troubleshooting method for a loop, and click **Save**. The troubleshooting methods include **Warning**, **Warning and Block**, **Warning and Shutdown**, and **Shutdown SVI**. If **Warning** is chosen, the **Switch loopback detected (RLDP)** alarm should be enabled in the **Alarm Settings** page.

Type	Status
Device goes offline	<input checked="" type="checkbox"/>
Device goes online and offline continually	<input checked="" type="checkbox"/>
All devices are offline	<input type="checkbox"/>
High channel usage on AP	<input checked="" type="checkbox"/>
System usage(CPU/memory usage) above threshold	<input type="checkbox"/>
Switch loopback detected (RLDP)	<input type="checkbox"/>
Interface up/down rate above threshold	<input type="checkbox"/>
Abnormal network access on gateway	<input checked="" type="checkbox"/>
High packet loss rate on gateway	<input checked="" type="checkbox"/>
Uplink rate above threshold on gateway	<input type="checkbox"/>
Downlink rate above threshold on gateway	<input type="checkbox"/>

Click **Auto Config** to enable the default configuration.

Message



Uplink port of the switch: Gi0/1

Recommended Config: Detect the loop on all ports except uplink and unavailable ports. Loop Detection The solution is Warning and Block (For Aggregate: Warning and Shutdown).

You can click Cancel to manually select ports and customize the policy.

OK

Cancel

● Config > Service List

| Service List

Service	Admin Status	Value
eWeb	<input checked="" type="checkbox"/>	Login Password <input type="text"/>

First Previous Page 1 of 1 Next Last 10 ▲ 1 in total

Configure the admin status and login password of the eWeb service.

● Config > Configuration Backup List

| Configuration Backup List

Current

Back up

Download

Restore

Delete

Compare

0 Selected

<input type="checkbox"/>	File Name	File Size	Time	Mode	MD5	Description	Action
<input type="checkbox"/>	1234942570071_1615434805681	2.51K	2021-03-11 12:52:28	Auto	764c62a8a5767d03023cb89080c116d0	Empty	Details
<input type="checkbox"/>	1234942570071_1610982066463	2.51K	2021-01-18 23:01:02	Auto	f8e9d47a45d450a4d0ada05ab94c7c2f	Empty	Details
<input type="checkbox"/>	1234942570071_1607501546391	2.86K	2020-12-09 17:12:17	Auto	77576e33edfc31c4d6b132b7b4025ca8	Empty	Details

First

Previous

Page 1 of 1

Next

Last

10

3 in total

The backup records include configuration file name, size, time, mode and MD5.

Click **Current** to display the current configuration. Click **Backup** in the **Config Details** page to back up the current configuration.



Select one record, and click **Download** to download the configuration file.

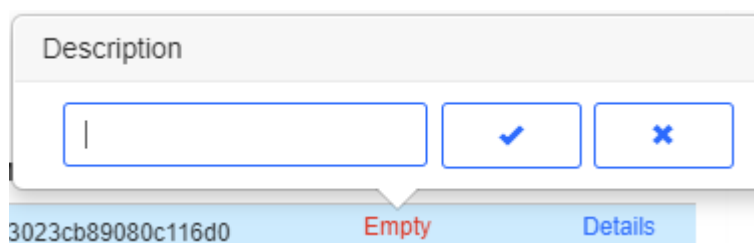
Select one record, and click **Restore** to restore the current configuration.

Select one or multiple records, and click **Delete** to delete the backup record.

Select two records, and click **Compare** to compare the differences.



Description can be edited. Click **Details** in the **Action** column to check the backup configuration.



● PoE > PoE Port List

PoE Port List

Total Power:185.0 W, Current Power:0.0 W, Time:2019-04-09 18:50:47

Port	PoE-capable	PoE Status	Power	PD class	Description
Gi0/1	Enable	Off	0.0 W	NA	-
Gi0/2	Enable	Off	0.0 W	NA	-
Gi0/3	Enable	Off	0.0 W	NA	-
Gi0/4	Enable	Off	0.0 W	NA	-
Gi0/5	Enable	Off	0.0 W	NA	-
Gi0/6	Enable	Off	0.0 W	NA	-
Gi0/7	Enable	Off	0.0 W	NA	-
Gi0/8	Enable	Off	0.0 W	NA	-
Gi0/9	Enable	Off	0.0 W	NA	-
Gi0/10	Enable	Off	0.0 W	NA	-

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PoE statistics are displayed above **PoE Port List**, including the total power, current power and time.

PoE configuration includes the port, PoE-capable, PoE status, power, PD class and description.

5.5.4 PoE > Schedule Policy

Policy Name	Time Period	Status	Action
jok	Weekdays(01:02~04:04)	Inactive	✎ 🗑

First Previous Page 1 of 1 Next Last 10 1 in total

The **Schedule Policy** displays the time period policy for powering off PoE ports, including the policy name, time period, and status indicating whether the policy has been used on ports.

5.5.5 PoE > Auto Checking Policy

Policy Name	Ping Interval Time(s)	Retry Times	Check Failure Action	Action
uuuiiui	10	3	Reboot	✎ 🗑
jjk	10	3	Reboot	✎ 🗑

First Previous Page 1 of 1 Next Last 10 2 in total

The **Auto Checking Policy** displays the auto-checking policy for checking the working status of a PD connected to a PoE port, including the policy name, ping interval, number of retry times, and action used upon check failure.

5.5.6 PoE > Poe Control Policy Setting

Poe Control Policy Setting beta

Port	Priority	Maximum Power	Offline Time Policy	Auto Checking Policy	Ping IP Address	Action
Gi0/1	Low		Never	Never		✎
Gi0/2	Low		Never	Never		✎
Gi0/3	Low		Never	Never		✎
Gi0/4	Low		Never	Never		✎
Gi0/5	Low		Never	Never		✎
Gi0/6	Low		Never	Never		✎
Gi0/7	Low		Never	Never		✎
Gi0/8	Low		Never	Never		✎

[First](#) [Previous](#) Page **1** of 1 [Next](#) [Last](#)
10 [▲](#) 10 in total

The **Poe Control Policy Setting** displays effective PoE port settings, including the power supply priority, maximum power, power supply stop policy, port auto-checking policy, and IP address for checking PDs.

● Diagnose > Fault Diagnosis

Fault Diagnosis

Type: PoE Power Supply [↕](#)

Port: Please select a port for detection

No Power Power Abnormal Undetectable
[Uplink](#) [Copper](#) [SFP](#)

[Diagnose](#) [Deep Diagnosis](#)

There are two types of fault diagnosis: **PoE Power Supply** and **SFP Port**. Select a port in the panel, click **Diagnose**, and the diagnosis procedure is displayed as below.

Procedure [History>>](#)

19:48:15 Complete
Result: No exception detected

Advice: Please contact our after-sales personnel

19:48:15 Complete
Result: No exception detected

Advice: Please contact our after-sales personnel

■ 19:48:08 Port Gi0/3 Starting...

Click **History**, and the diagnosis history is displayed.

History [Procedure>>](#)

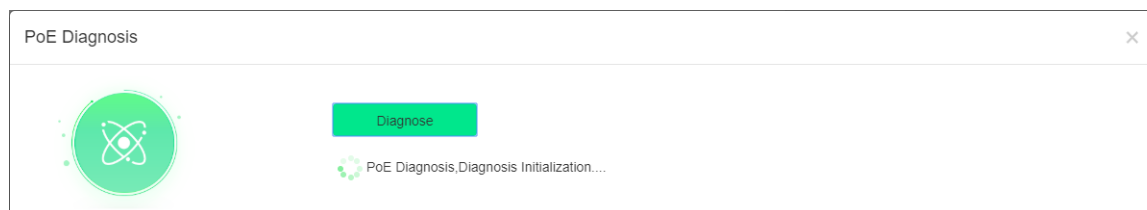
Status	Result	Advice	PoE-capable	PoE Status	PD Class	Voltage	Remaining Power	Start at
Complete	No exception detected	Please contact our after-sales personnel	Enable	off	N/A	0.0V	185.0 W	2019-04-09 20:01:59

[First](#) [Previous](#) Page **1** of 1 [Next](#) [Last](#)
10 [▲](#) 1 in total

Select a port in the panel, click **Deep Diagnose**, and click **Diagnose** in the **PoE Diagnosis** page.

Normal diagnosis: The Cloud server delivers CLI commands to collect the switch information, and the diagnosis occurs on the Cloud server.

Deep diagnosis: The diagnosis occurs on the switch, and the results are reported to the Cloud server.



5.5.6.1 Basic Switch Operations

- Add Switch

| Switch List

<input type="checkbox"/>	Add	Web CLI	More ▾	0 Selected
<input type="checkbox"/>	Status	SN	MAC	
<input type="checkbox"/>	✓ Online	1234942570071	00d0.f822.335e	

Select the network, and click **Add**. Both batch import and manual add are supported.

Click **Download Template** to download the template, enter switch information, and click **'.xls' File** to import the template.

Add

×

Download and fill in the template.Up to 200 records can be imported

"xls" File

Download Template

Add a Device

Close

Click **Add a Device**, enter SN and alias of the switch, and click **OK**. Click **+** to add multiple switches.

Add

1 SN Alias

2 SN Alias

3 SN Alias

Batch Import

OK

Close

- Move to

Switch List

Add

Web CLI

More ▾

1 Selected

<input type="checkbox"/>	S			
<input checked="" type="checkbox"/>			071	00d0
<input type="checkbox"/>			088	00d0

Move to

Delete

Reboot

Select one or multiple devices in the **Switch List**, click **More** > **Move to**, select the new network and click **OK**.

Select Network

default

+

test_apartment_bridge

+

ブリッジモード

+

ブリッジモード

+

test_for_tempニとねハ

+

Unfold

Fold

Order ▲

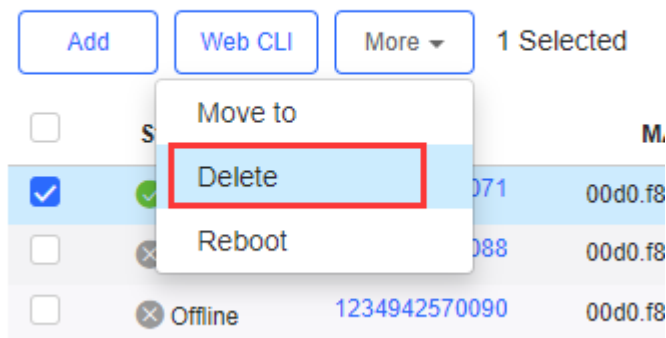
Search

OK

Cancel

- Delete

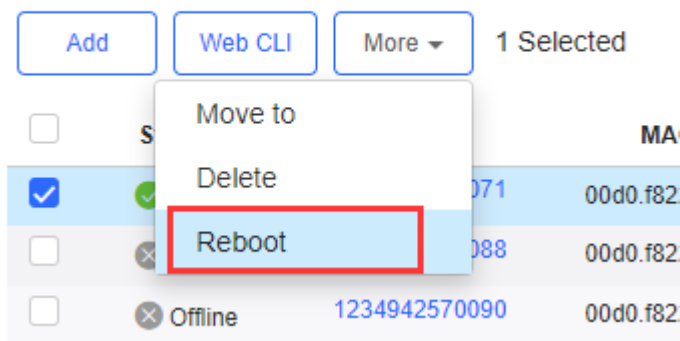
Switch List



Select one or multiple devices in the **Switch List**, click **More** > **Delete** and click **OK**.

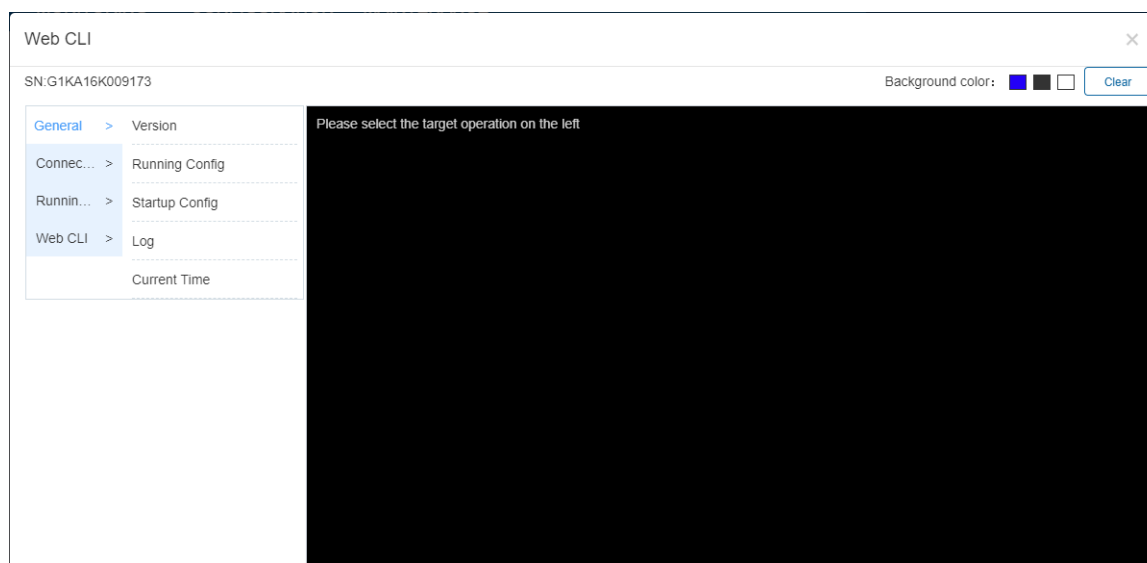
● Reboot

Switch List

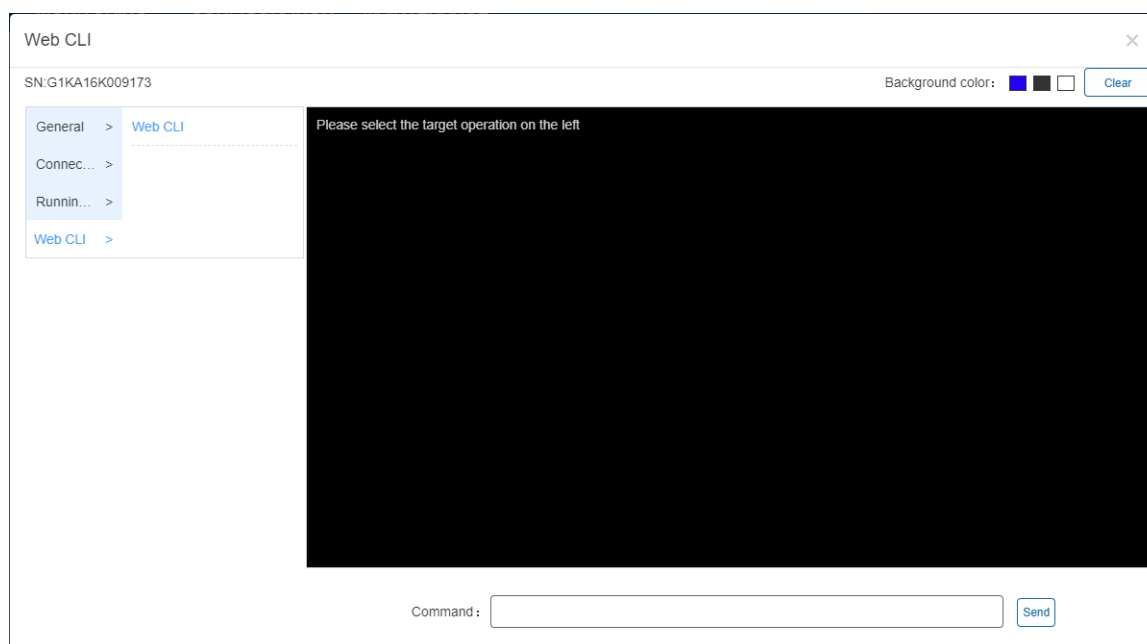


Select one or multiple devices in the **Switch List**, and click **Reboot**.

Select one or multiple devices in the **Switch List**, and click **Web CLI**. The **Web CLI** dialog box is displayed, and device information can be queried via the menus in this dialog box. The menus vary with the products.



In addition, in the command entry box, the **TAB** key and question mark (?) both can complete a command.



5.5.7 Gateway

5.5.7.1 Gateway List

Gateway List

[Add](#)
[Web CLI](#)
[eWeb](#)
[More](#)
0 Selected

Auto Refresh: ☒

SN, Alias, Description

<input type="checkbox"/>	Status	SN	Alias	MGMT IP	MAC	Egress IP	Network	Firmware Version	Offline Time	Model	Description	Action
<input type="checkbox"/>	Online	H1MSCM000147	Empty	192.168.21.95	8005.8867.edd6	120.35.11.140	JAPAN_V1.1.2_RCP_ブルチ50000000000003_ア...	EG_RGOS 11.9(1)B11S3, Release(07242723)	2021-04-13 11:29:07	EG2100-P	Empty	

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[Previous](#)
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[Last](#)

1 in total

The **Gateway List** displays basic device information, including the online/offline status, SN, alias, management IP, MAC, public IP, network, firmware version, offline time, model and description.

The **Gateway List** automatically refreshes every minute. Click **Auto Refresh:** ☒ to enable/disable the auto refresh function.

Above the list are the **Add Gateway**, **Web CLI** and **eWeb** functions. Click [More](#) to display the **Move to**, **Reboot**, **Tunnel** and **Delete** functions. For more information, refer to **Basic Gateway Operations**.

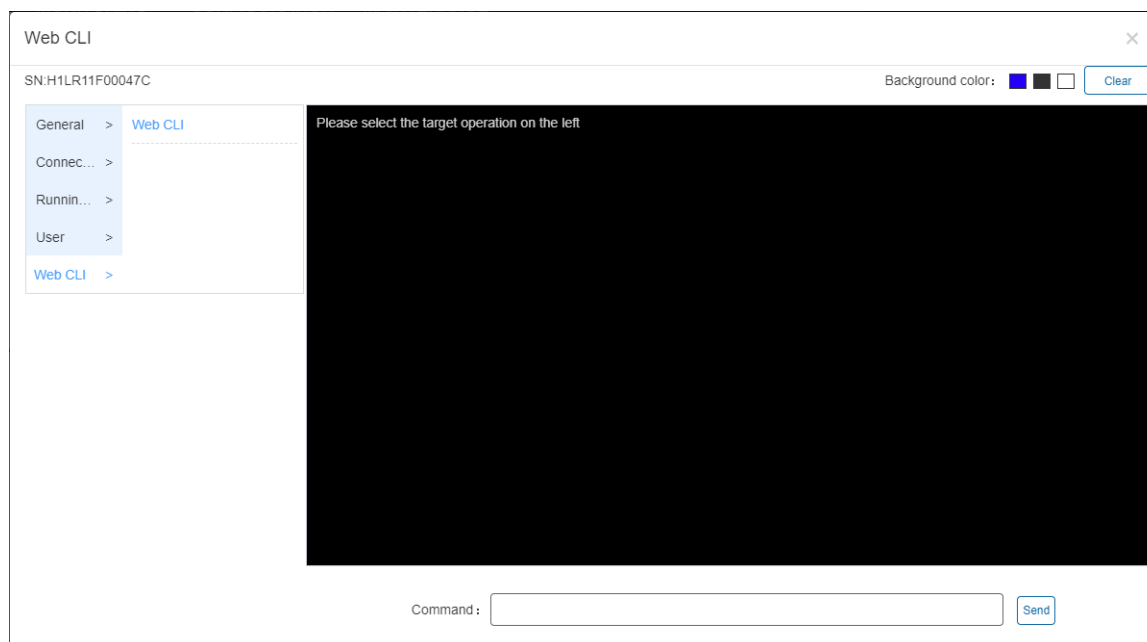
The **Search** function supports fuzzy queries based on the serial number, alias and description, and also supports queries based on online/offline status.

5.5.7.2 Device Details

● Web CLI



Click **Web CLI**, and the **Web CLI** page is displayed. The **Web CLI** page provides commonly-used CLI commands on the left. Click the command, or manually enter the command and click **Send**.



- eWeb

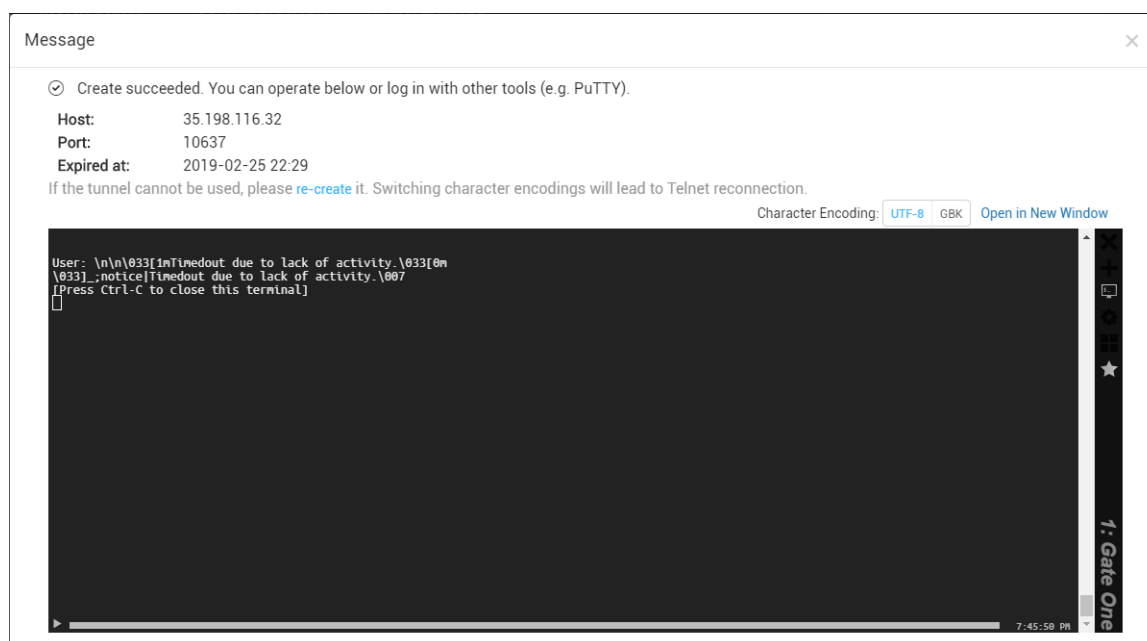


Click **eWeb** to open the eWeb system in a new window.

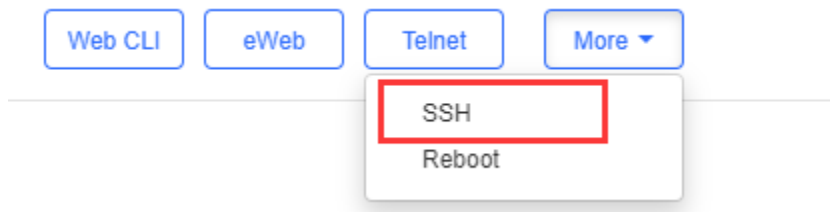
- Telnet



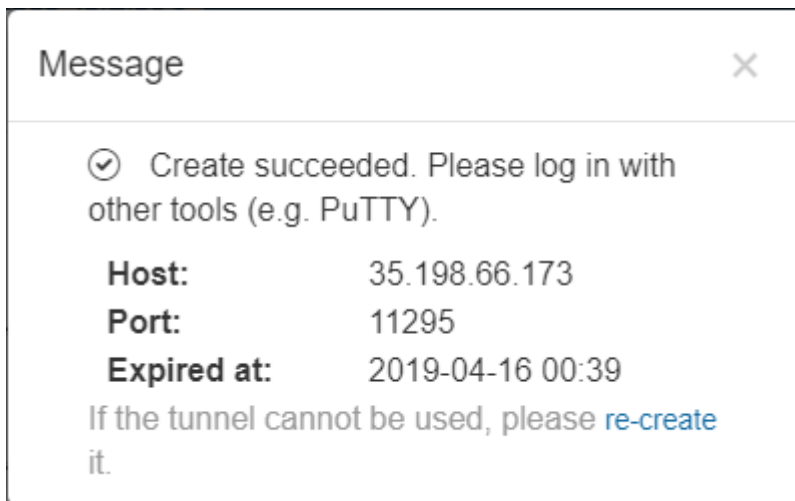
Click **Telnet**, and a window is opened to connect to the gateway by Telnet protocol. Enter CLI commands to configure the gateway.



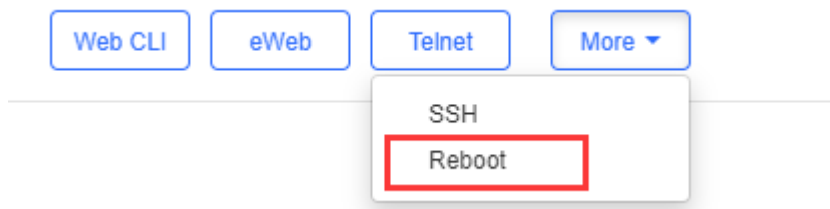
- More > SSH



Click **More > SSH**, and a window is opened to connect to the gateway by SSH protocol. Use other SSH tools to connect to the gateway.




- More > Reboot



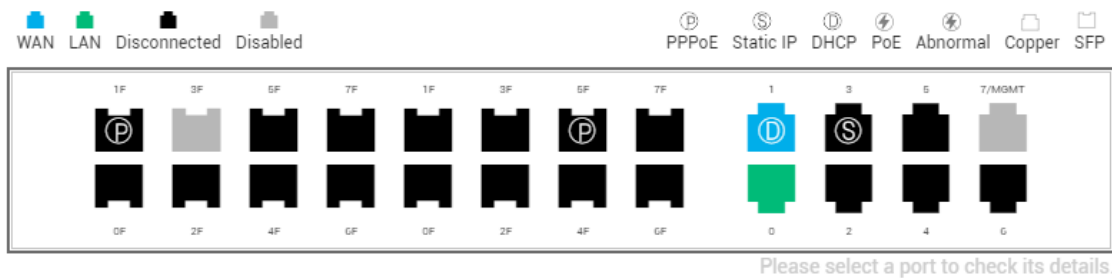
Click **More > Reboot** to restart the gateway.

- Refresh



Click  to refresh all data in the page.

- Port Panel



The port panel imitates the actual gateway panel, displaying the port type and status.

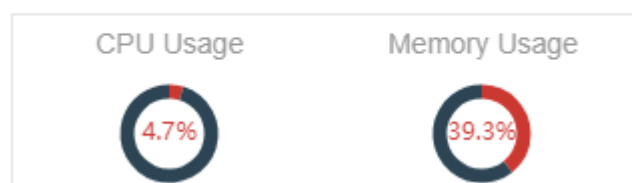
● Basic

Basic	
Alias:	EG3000UE
MGMT Password:	*****
Device Model:	EG3000UE
SN:	H1L70BT00003A
MAC:	0074.9c11.0e82
Firmware Version:	EG_RGOS 11.9(1)B11S1, Release(05242817)
MGMT IP:	172.17.126.14
Description:	

Basic information includes the alias, model, SN and other information. **Alias**, **MGMT Password** and **Description** can be edited.

● Overview > CPU & Memory Usage

| CPU & Memory Usage



CPU & memory usage are displayed here.

● Overview > Device Status

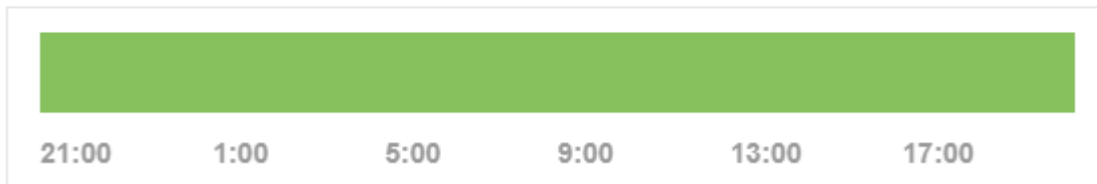
| Device Status

Online Status	Online
Online Clients	2
Sessions	3

Device status includes online status, online clients and sessions.

- Overview > Connectivity

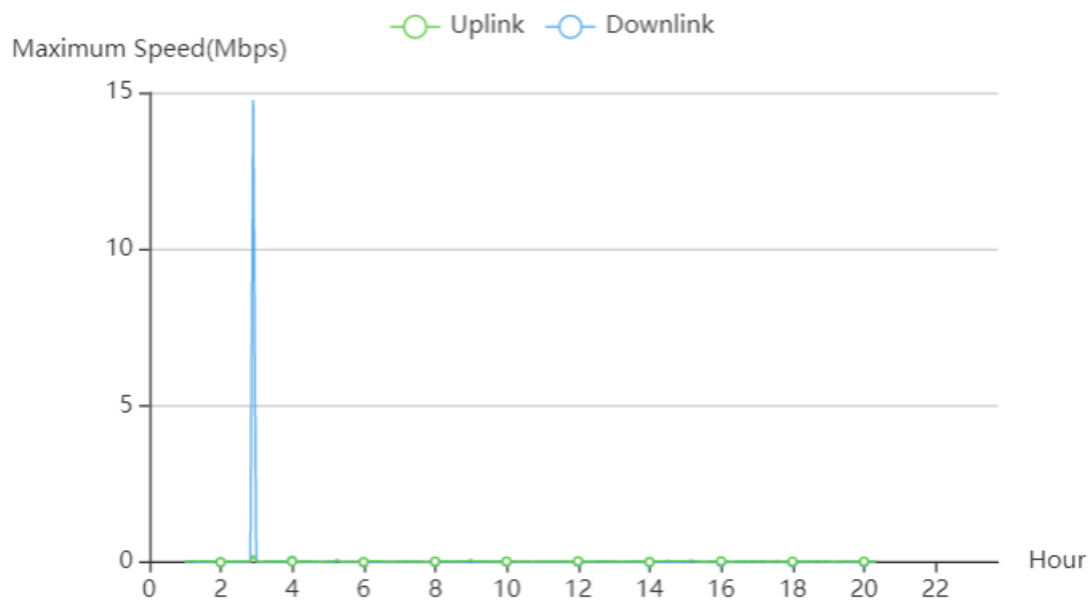
Connectivity

[Last 24 Hours](#)[Last 7 Days](#)

Connectivity refers to the connectivity (online status) between Gateway and Cloud Service within a period (1 day or 7 days).

- Overview > Speed Summary

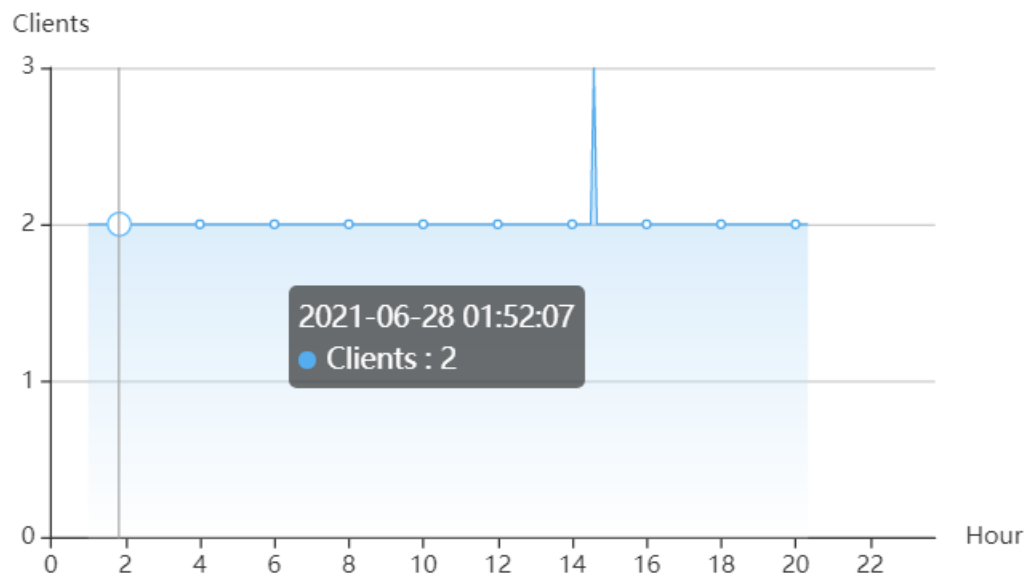
2021-06-28 Speed Summary



The uplink/downlink speed summary over the 24 hours is displayed.

- Overview > Client Summary

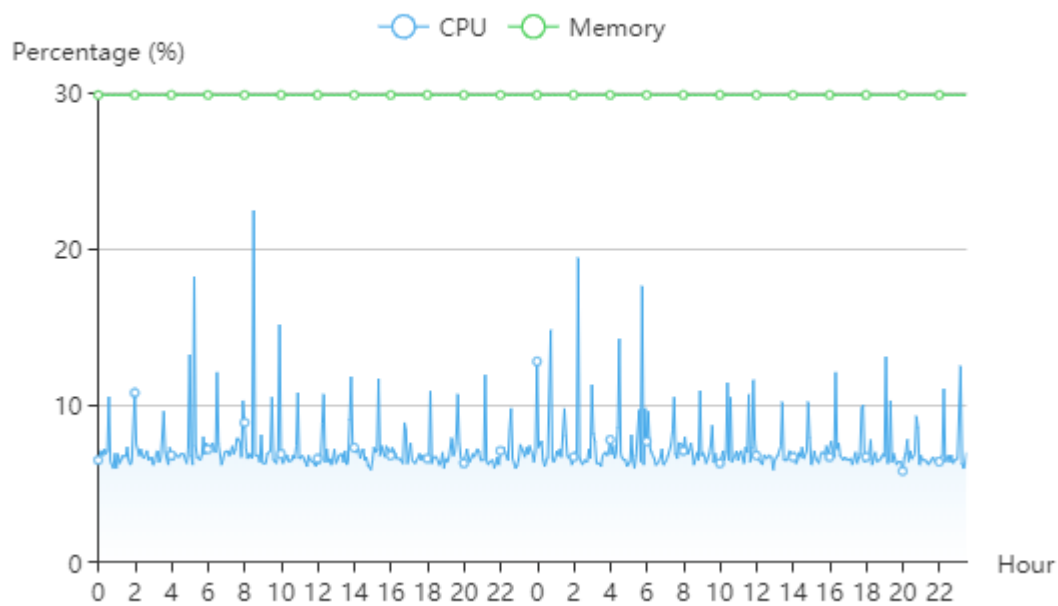
2021-06-28 Client Summary



The client statistics over the 24 hours are displayed.

- Overview > CPU/Memory Summary

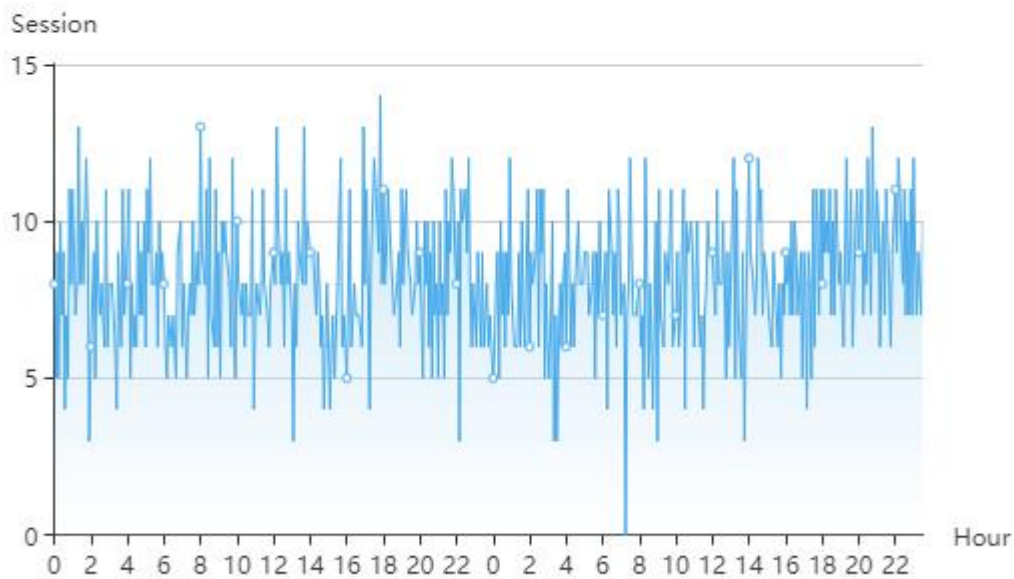
2019-02-23~2019-02-24 CPU/Memory Summary



CPU/memory summary over the 24 hours are displayed.

- Overview > Session Summary

2019-02-23~2019-02-24 Session Summary



Session summary over the 24 hours is displayed.

- Overview > Top 10 Applications by Traffic

| Top 10 Applications by Traffic

No.	Application	Traffic
1	HTTP-BROWSE	2.17 KB ↓ /2.81 KB ↑
2	SYN_ACK	240.00 B ↓ /456.00 B ↑
3	UDP-COMMUTE	81.00 B ↓ /75.00 B ↑
4	LOOKMYPC	25.00 B ↓ /75.00 B ↑
5	DNS	0.00 B ↓ /0.00 B ↑

Top 10 applications by downlink traffic are displayed.

- Overview > Top 10 Users by Traffic

| Top 10 Users by Traffic

No.	Username	Traffic
1	10.10.12.2	1.88 KB ↓ /1.76 KB ↑
2	10.10.12.1	639.00 B ↓ /1.65 KB ↑

Top 10 users by downlink traffic are displayed.

- Overview > Device Log

Log Record

Device Log Config Log

All Search

Type	Updated at	Content
Online/Offline	2021-04-13 11:38:07	Device offline. The final time when it sends packets to MACC is: 2021-04-13 11:38:07(It is an estimated value. The deviation is 1 minute.)
Online/Offline	2021-04-12 11:33:22	Device online
Reboot	2021-04-12 11:33:22	Device restart
Online/Offline	2021-04-12 11:12:07	Device offline. The final time when it sends packets to MACC is: 2021-04-12 11:12:07(It is an estimated value. The deviation is 1 minute.)
Online/Offline	2021-04-11 13:48:03	Device goes online for the first time
Online/Offline	2021-04-05 16:35:16	Device online
Reboot	2021-04-05 16:35:16	Device restart
Online/Offline	2021-04-05 11:02:07	Device offline. The final time when it sends packets to MACC is: 2021-04-05 11:02:07(It is an estimated value. The deviation is 1 minute.)
Online/Offline	2021-04-01 11:29:17	Device online
Online/Offline	2021-04-01 11:27:07	Device offline. The final time when it sends packets to MACC is: 2021-04-01 11:27:07(It is an estimated value. The deviation is 1 minute.)

First Previous Page 1 of 9 Next Last

10 89 in total

The device log records the historical operations, including online/offline, restart, upgrade and VLAN change, and supports queries based on log type and time.

- Overview > Config Log

Log Record

Device Log Config Log

Search

Operation Type	Started at	Ended at	Status	Description	Details
+ Switch device group	2021-04-12 15:26	2021-04-12 15:27	Succeeded	Device: H1MSC0M000147. Group is changed ...	
+ Device first online	2021-04-11 13:48	2021-04-11 13:49	Succeeded	Device: H1MSC0M000147	
+ Switch device group	2021-04-09 17:02	2021-04-09 17:02	Succeeded	Device: H1MSC0M000147. Group is changed ...	
+ Switch device group	2021-04-09 15:32	2021-04-09 15:32	Succeeded	Device: H1MSC0M000147. Group is changed ...	
+ Switch device group	2021-04-01 17:16	2021-04-01 17:17	Succeeded	Device: H1MSC0M000147. Group is changed ...	
+ Switch device group	2021-04-01 17:13	2021-04-01 17:14	Succeeded	Device: H1MSC0M000147. Group is changed ...	
+ Switch device group	2021-03-25 14:46	2021-03-25 14:49	Succeeded	Device: H1MSC0M000147. Group is changed ...	
+ Switch device group	2021-03-25 12:39	2021-03-25 12:40	Succeeded	Device: H1MSC0M000147. Group is changed ...	
+ Switch device group	2021-03-25 12:15	2021-03-25 12:16	Succeeded	Device: H1MSC0M000147. Group is changed ...	
+ Switch device group	2021-03-25 11:38	2021-03-25 11:39	Succeeded	Device: H1MSC0M000147. Group is changed ...	

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10 59 in total

The Config log records the historical configuration delivery, and supports queries based on status and time.

- WAN > Port

Port

Gi0/6

Select one WAN port to display the corresponding port information and rate summary.

- WAN > Basic

Basic

IP : 172.17.126.2
Subnet Mask: 255.255.255.128
Description: GigabitEthernet0/6

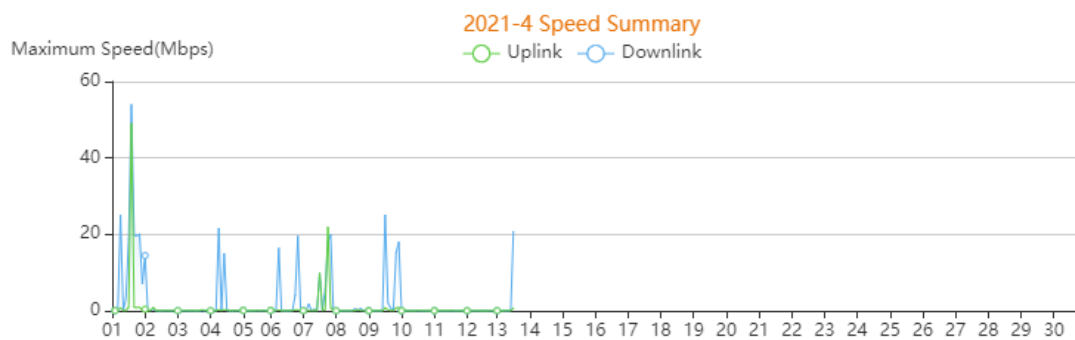
Basic information includes the IP, subnet mask and description. If PPPoE is enabled and dialing port is configured, the PPPoE information is displayed.


PPPoE

Port: di2
IP Type: adsl
Uplink Bandwidth: --
Downlink Bandwidth: --

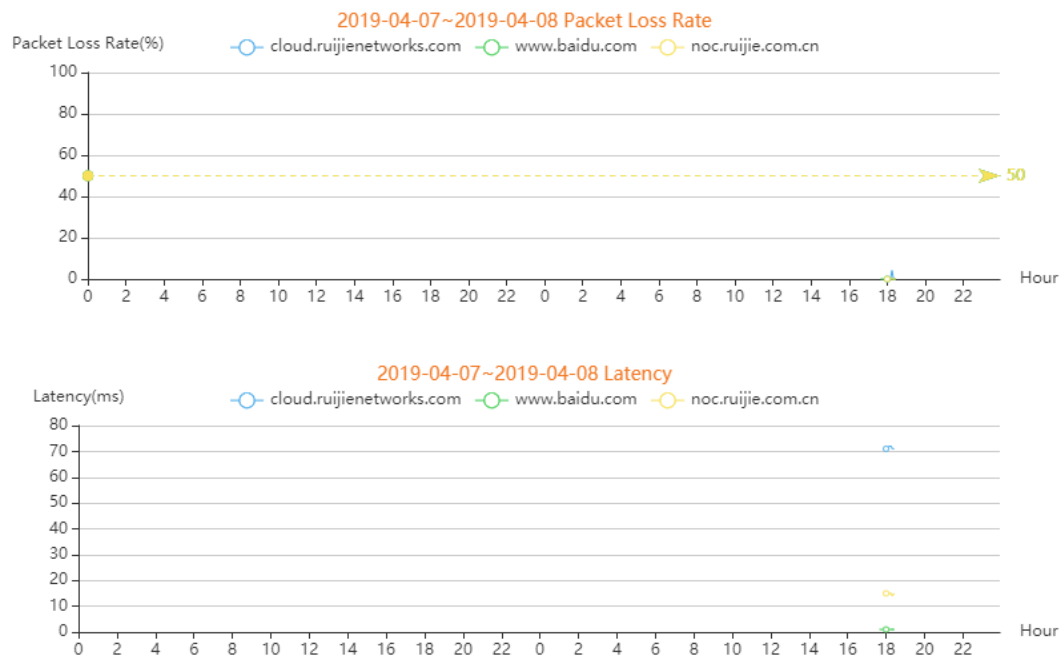
- WAN > Speed Summary

Speed Summary



Uplink & downlink rate of WAN port are displayed. This page supports queries based on day, week and month. Click  to refresh the summary.

- WAN > Port Status

Port Status(Only daily summary is supported)

Packet loss rate and latency summary are displayed. This page supports queries based on day, week and month. Click



to refresh the summary.

- LAN > Port

| Port LAN 2 ▼ (This port belongs to Gi0/2)

Select a LAN port to display the corresponding information of its switch port, routed port and subinterface.

- LAN > Switch Port

Switch Port (LAN 2)

Duplex: Full

Speed: 1000M

Switch port information includes the switch port, including duplex and rate.

- LAN > Routed Port

Routed Port (Gi0/2)

IP : 192.168.1.1

Subnet Mask: 255.255.255.0

LAN: LAN 1, LAN 2, LAN 3, LAN 4, LAN 5, LAN 6, LAN 7

Description: --

Routed port information includes the IP address, subnet mask, LAN and description.

- LAN > Subinterface

Subinterface (Gi0/2)

Name	IP	VLAN
Gi0/2.1	192.168.2.1	2
Gi0/2.2	192.168.3.1	3

First Previous Page 1 of 1 Next Last
10 2 in total

Subinterface information includes the name, IP address, and VLAN.

- Config > Configuration Backup List

Configuration Backup List

Current Back up Download Restore Delete Compare

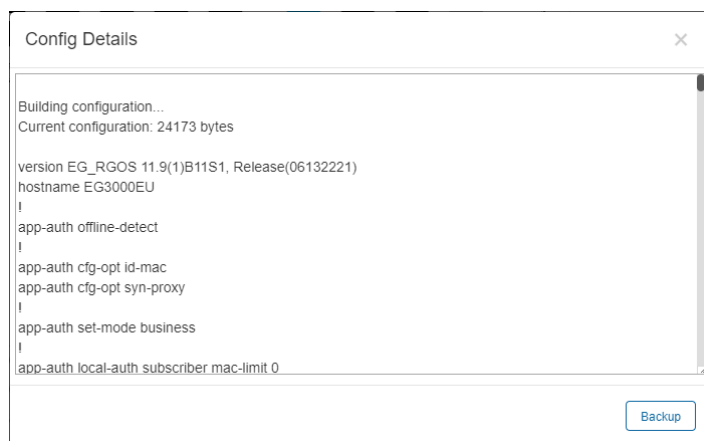
<input type="checkbox"/>	File Name	File Size	Time	Mode	MD5	Description	Action
<input type="checkbox"/>	H1MSC0M000147_1618208997448	30.04K	2021-04-12 15:29:30	Auto	d3fcb3d5a8db89e164d27654cc7bfda9	Empty	Details
<input type="checkbox"/>	H1MSC0M000147_1618195178807	108.35K	2021-04-12 11:39:28	Auto	0219f5b7edb89853074fdecdd2b836e2	Empty	Details
<input type="checkbox"/>	H1MSC0M000147_1618122070639	108.03K	2021-04-11 15:20:51	Auto	3d71a80b58661abdb424ca438d8c4948	Empty	Details
<input type="checkbox"/>	H1MSC0M000147_1618116679633	107.89K	2021-04-11 13:51:04	Auto	5328fb08052081b499a066da689886c5	Empty	Details
<input type="checkbox"/>	H1MSC0M000147_1617955686114	29.72K	2021-04-09 17:08:00	Auto	feea84fc058b8d9f879784d361524da8	Empty	Details
<input type="checkbox"/>	H1MSC0M000147_1617953636882	107.83K	2021-04-09 16:33:37	Auto	f2df3218a0b2ccd4a5d13c8d2a5389e2	Empty	Details
<input type="checkbox"/>	H1MSC0M000147_1617951834771	101.10K	2021-04-09 16:03:29	Auto	d1ca38a3303a326f4d88e94c3e5b8b30	Empty	Details
<input type="checkbox"/>	H1MSC0M000147_1617950041310	100.66K	2021-04-09 15:33:23	Auto	e9a6409bb30296b1182ab532b3658fa9	Empty	Details
<input type="checkbox"/>	H1MSC0M000147_1617938046093	29.59K	2021-04-09 12:14:00	Auto	6c471fef9ffb1c13ca8e0b197bff298	Empty	Details
<input type="checkbox"/>	H1MSC0M000147_1617884371738	29.85K	2021-04-08 21:19:24	Auto	8fa8698f8ff3f2d50eeecb6ba2d287da9	Empty	Details

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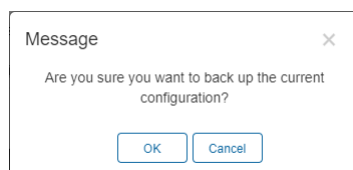
10 30 in total

The backup records include configuration file name, size, time, mode and MD5.

Click **Current** to display the current configuration. Click **Backup** in the **Config Details** page to back up the current configuration.



Click **Back up** and then click **OK** in the message box to back up the current configuration.

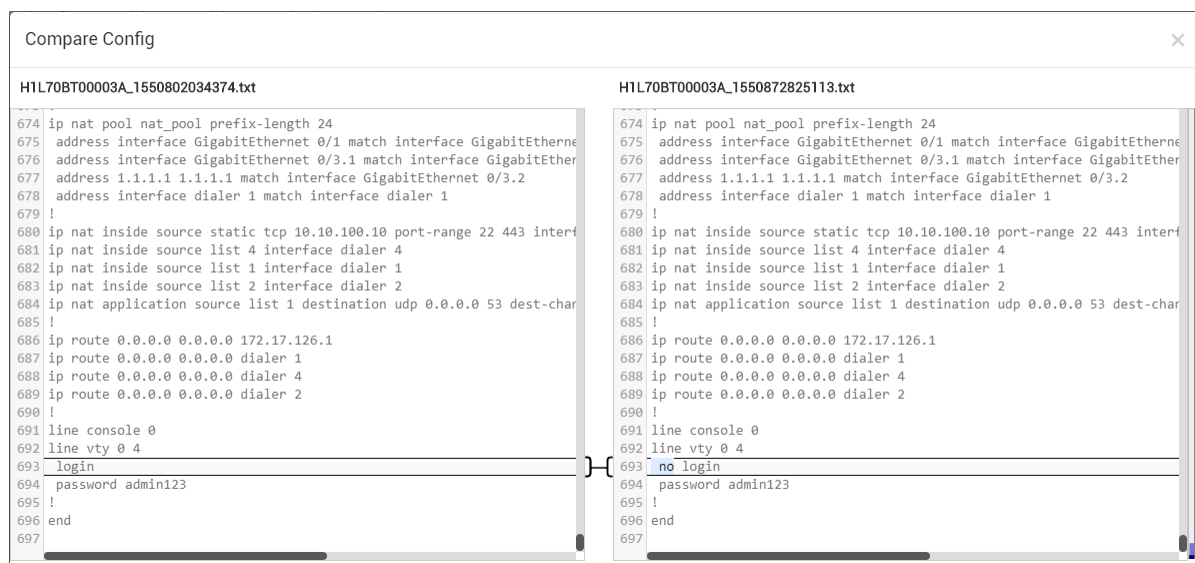


Select one record, and click **Download** to download the configuration file.

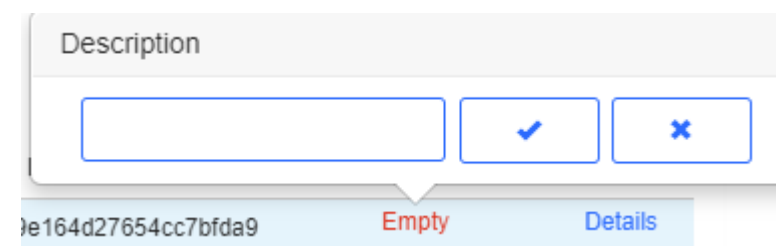
Select one record, and click **Restore** to restore the current configuration.

Select one or multiple records, and click **Delete** to delete the backup record.

Select two records, and click **Compare** to compare the differences



Description can be edited. Click **Details** in the **Action** column to check the backup configuration.



● PoE > PoE List

Port	Physical Port	PoE-capable	PoE Status	Power	PD class
port0	Gi0/0	Disable	Off	0.0W	Unknown
port1	LAN 1	Enable	Off	0.0W	Unknown
port2	LAN 2	Enable	Off	0.0W	Unknown
port3	LAN 3	Enable	On	6.0W	4
port4	LAN 4	Enable	Off	0.0W	Unknown
port5	LAN 5	Enable	Off	0.0W	Unknown
port6	LAN 6	Enable	Off	0.0W	Unknown
port7	LAN 7	Enable	Off	0.0W	Unknown

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10 8 in total

PoE configuration includes the port, physical port, PoE-capable, PoE status, power and PD class.

Alarm

Alarm

To configure alarm settings, [click here](#). To apply the configuration to other devices, [click here](#).

Type	Rule
Threshold ?	<p>Egress Channel Width (The values are automatically retrieved. If incorrect, please modify the value manually, and the system will not automatically fetch values any more)</p> <div> <div>REMOTE_CONF_1</div> <div>Uplink Channel Width</div> <div>1000</div> <div>M</div> <div>Downlink Channel Width</div> <div>1000</div> <div>M</div> </div> <div> <div>REMOTE_CONF_7</div> <div>Uplink Channel Width</div> <div>1000</div> <div>M</div> <div>Downlink Channel Width</div> <div>1000</div> <div>M</div> </div> <p>If the bandwidth exceeds <input type="text" value="80"/> % of threshold for <input type="text" value="5"/> times, the alarm is sent.</p>
Port Status/Packet Loss Speed	<p>Test: <input type="checkbox"/></p>

Insufficient bandwidth: When the bandwidth exceeds the specified percentage of threshold for several times, the alarm is sent. The threshold, times and percentage can be configured manually.

Ping failure: When the Ping test failed for the specified times, the alarm is sent. The times and domain/IP address can be configured manually.

High packet loss rate: When the packet loss rate exceeds the specified percentage of threshold for several times in 5 minutes, the alarm is sent. The times and threshold can be configured manually.

Besides, the corresponding alarm should be enabled in the **Alarm Settings** page. For insufficient bandwidth, the alarm types are **Uplink rate above threshold on gateway** and **Downlink rate above threshold on gateway**; for Ping failure, the alarm type is **Abnormal network access on gateway**; and for high packet loss rate, the alarm type is **High packet loss rate on gateway**.

Alarm Settings

Type	Status	Alarm Threshold	Email Alarm
Device goes offline	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>
Device goes online and offline continually	<input checked="" type="checkbox"/>	>20 % ☺	<input type="checkbox"/>
All devices are offline	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>
High channel usage on AP	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>
System usage(CPU/memory usage) above threshold	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>
Switch loopback detected (RLDP)	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>
interface updown rate above threshold.	<input type="checkbox"/>	-	<input type="checkbox"/>
Abnormal network access on gateway	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>
High packet loss rate on gateway	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>
Uplink rate above threshold on gateway	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>
Downlink rate above threshold on gateway	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>

After changing the configuration, click **Save** below.

Alarm

To configure alarm settings, [click here](#). To apply the configuration to other devices, [click here](#).

Type	Rule
Threshold ?	<div>Egress Channel Width (The values are automatically retrieved. If incorrect, please modify the value manually, and the system will not automatically fetch values any more)</div> <div>REMOTE_CONF_1 Uplink Channel Width 1000 M Downlink Channel Width 1000 M REMOTE_CONF_7 Uplink Channel Width 1000 M Downlink Channel Width 1000 M</div> <div>If the bandwidth exceeds 80 % of threshold for 5 times, the alarm is sent.</div>
Port Status/Packet Loss Speed	<div>Test: <input checked="" type="checkbox"/></div> <div>Domain or IP Address <input type="text" value="www.baidu.com"/> <input type="text"/> <input type="text"/></div> <div>If the Ping test failed for 3 times, the alarm is sent.</div> <div>If the packet loss speed exceeds 50 % of threshold for 3 times in 5 mins, the alarm is sent.</div>

Save

Cancel

When the modified bandwidth and the actual bandwidth do not match, click **Fetch Bandwidth** to check the actual bandwidth which will then be set as the threshold.

Alarm

To configure alarm settings, [click here](#). To apply the configuration to other devices, [click here](#).

Type	Rule
Threshold ?	<div>Egress Channel Width (The values are automatically retrieved. If incorrect, please modify the value manually, and the system will not automatically fetch values any more)</div> <div>REMOTE_CONF_1 Uplink Channel Width 99 M Downlink Channel Width 9999 M REMOTE_CONF_7 Uplink Channel Width 99 M Downlink Channel Width 9999 M</div> <div>If the bandwidth exceeds 80 % of threshold for 5 times, the alarm is sent.</div>
Port Status/Packet Loss Speed	<div>Test: <input checked="" type="checkbox"/></div> <div>Domain or IP Address <input type="text" value="www.baidu.com"/> <input type="text"/> <input type="text"/></div> <div>If the Ping test failed for 3 times, the alarm is sent.</div> <div>If the packet loss speed exceeds 50 % of threshold for 3 times in 5 mins, the alarm is sent.</div>

- Tunnel > Create Tunnel

Create Tunnel

Type:

Select the tunnel type and click **Create Tunnel**. The tunnel types include **Telnet**, **eWeb** and **SSH**.

- Tunnel > Tunnel List

| Tunnel List

If the tunnel is unavailable, please re-create it or contact us for support.



Type	Host	Port	Destination Device	Destination Port	Expired at	Status	Action
eWeb	35.221.107.197	10000	Local	80	2021-04-07 23:37	Disabled	Re-create
eWeb	35.221.107.197	10000	Local	80	2021-03-16 15:10	Disabled	Re-create
Telnet	35.221.107.197	10000	Local	--	2021-03-11 14:38	Abnormal	Re-create
SSH	35.221.107.197	10004	Local	--	2021-03-10 19:12	Abnormal	Re-create
Telnet	35.221.107.197	10003	Local	--	2021-03-10 19:11	Abnormal	Re-create
Telnet	35.221.107.197	10002	Local	--	2021-03-10 19:07	Disabled	Re-create
eWeb	35.221.107.197	10001	Local	80	2021-03-10 19:03	Abnormal	Re-create
Telnet	35.221.107.197	10000	Local	--	2021-03-10 16:36	Abnormal	Re-create
eWeb	35.221.107.197	10021	Local	80	2021-02-27 14:33	Disabled	Re-create
Telnet	35.221.107.197	10020	Local	--	2021-02-25 20:27	Disabled	Re-create

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10 28 in total

Tunnel information includes tunnel type, host, port, destination device, expiration time and status. Click **Re-create** in the **Action** column to re-create a tunnel. Click **Telnet/SSH** in the **Action** column to open the corresponding page.

5.5.7.3 Basic Gateway Operations

- Add Gateway

| Gateway List

Add

Web CLI

eWeb

More ▾

0 Selected

Click **Add**, enter the SN, Alias and Web Password, and click **OK** to add a gateway to the network. Only one gateway can be added to a network.

Add



SN

Alias

Tip: Please enter the password of admin account of the eWeb system to authorize Cloud to manage this device. You can skip this step now, and authorize the password and check the results in MONITORING > Device > Gateway.

Password

OK

Close

Unauthorized Gateway List

SN Alias

SN	Alias	Status	Network	Added at	Action
eeeeeeeeee30		No password	vvvvvvvv000111111111	2020-12-18 10:35:06	Re-authorize Delete

First Previous Page 1 of 1 Next Last 5 1 in total

Before a gateway is authorized, it is displayed in the **Unauthorized Gateway List**. If authorization fails, you can click **Re-authorize** in the **Action** column to re-enter the Web password to re-authorize the device.

Message



Note: Password verification needs to interact with the device. If the device is offline, the system needs to wait for it to go online. If the password of admin account is the default password, please change the password first.

Password :

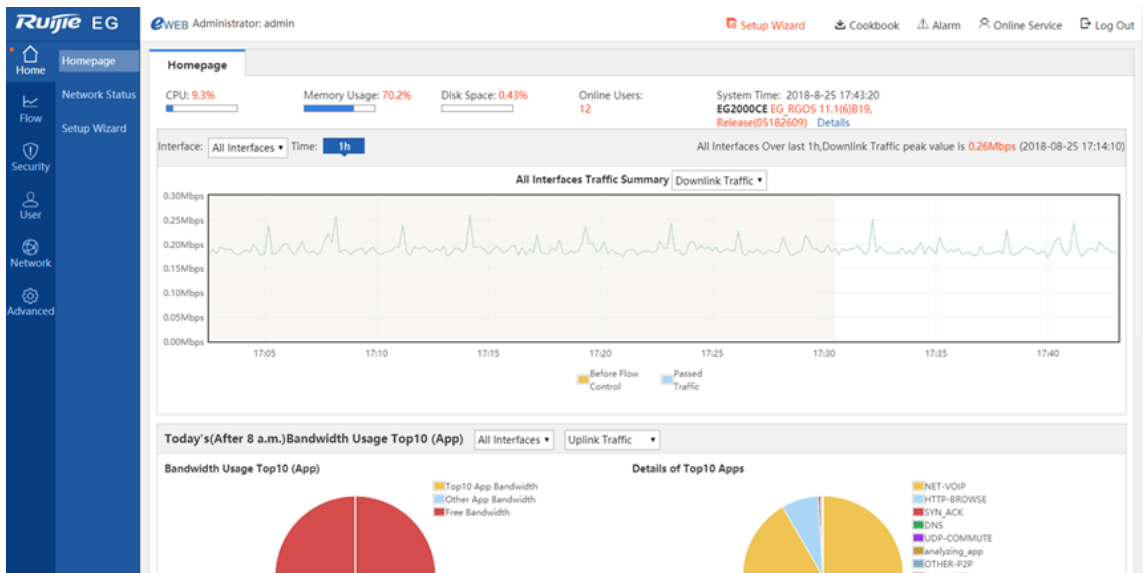
eWeb

Gateway List

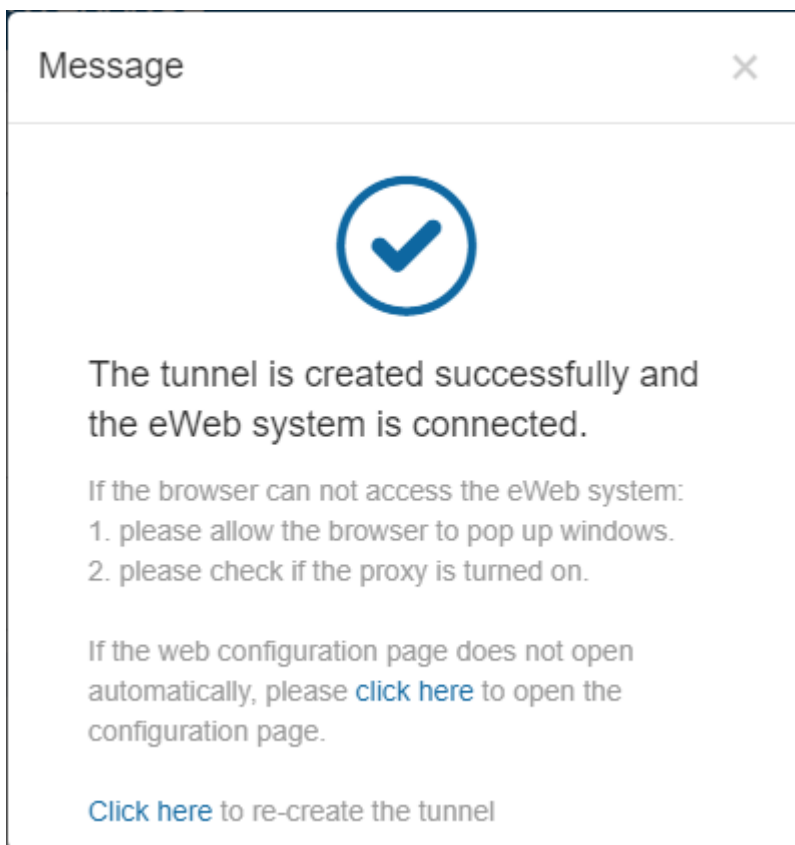
0 Selected

<input type="checkbox"/>	Status	SN	Alias	MGMT IF
<input type="checkbox"/>	Offline	H1MSC0M000147	Empty	192.168.21

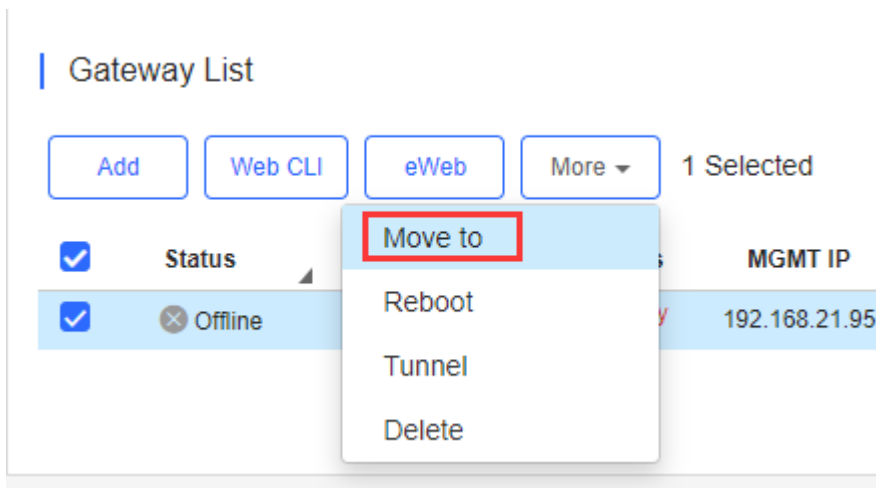
Select the device to be managed by eWeb, and click **eWeb**. The system will try to connect the gateway and automatically open the eWeb page in a new window.



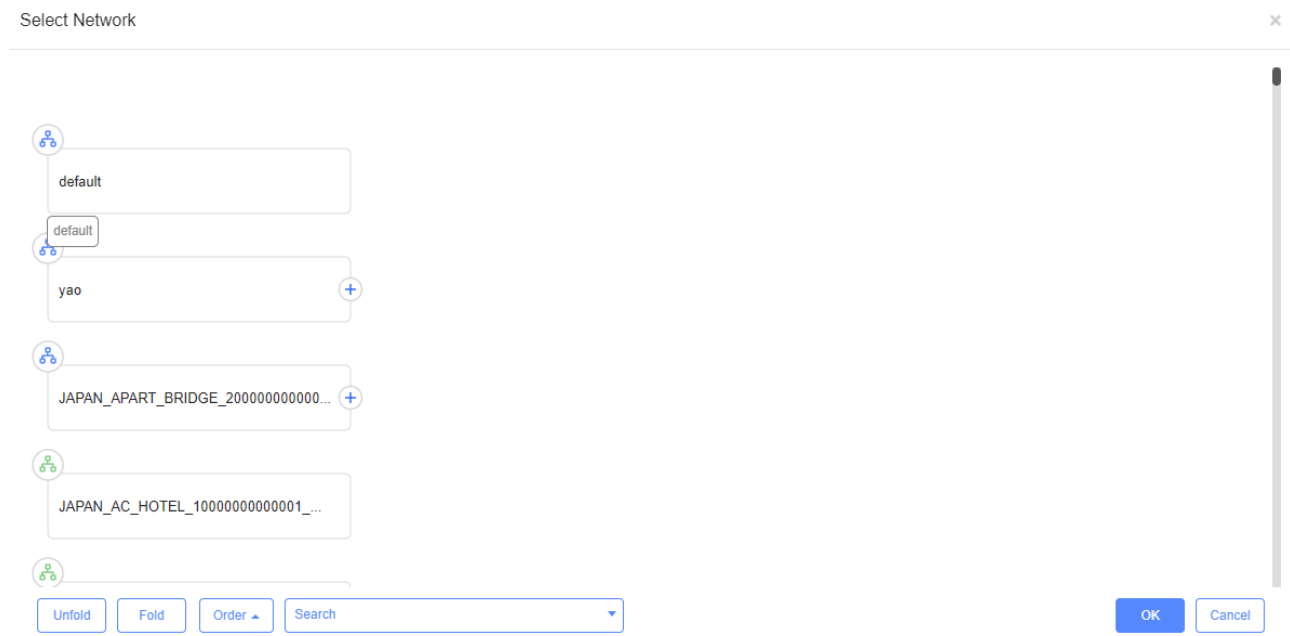
If a tunnel is created successfully but the eWeb page does not automatically open, the system will pop up a message. The user can manually click the link to open the page.



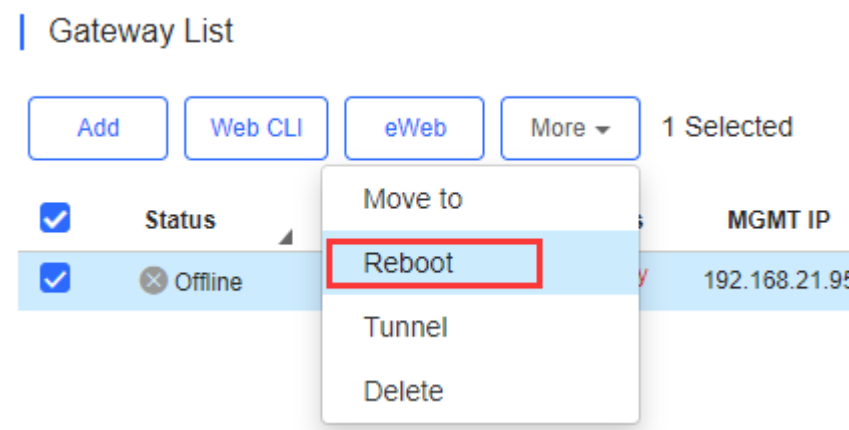
- Move to



Select the device in the **Gateway List**, click **More > Move to**, select the new network and click **OK**. Only one gateway can be moved at a time.



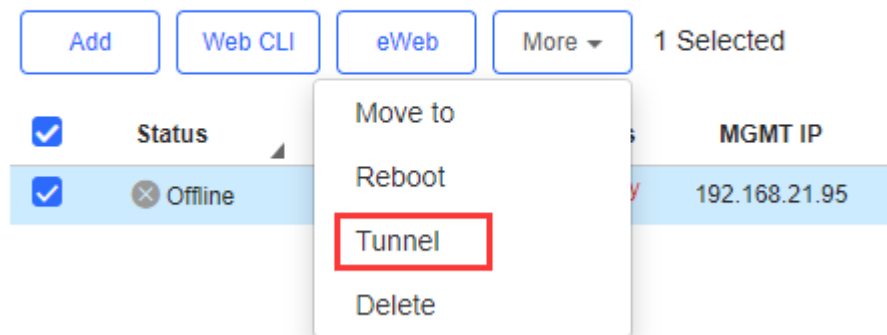
- Reboot



Select the device in the **Gateway List**, click **More > Reboot** and click **OK**.

- Tunnel

Gateway List



The user can create a Web-based tunnel to enter the eWeb system of a gateway for more monitoring and management functions.

Note: If any security system exists in the network, such as a firewall, the traffic of destination TCP port 10000-12000 should be permitted.

Select the device for tunnel management, and click **More > Tunnel Config**. On the **Tunnel Management** page, **WEB**, **Telnet** and **SSH** types can be selected or you can customize the tunnel configuration. The **Tunnel List** displays the tunnels already created.

Tunnel (SN: H1MSC0M000147)

Create Tunnel

Type: Create Tunnel

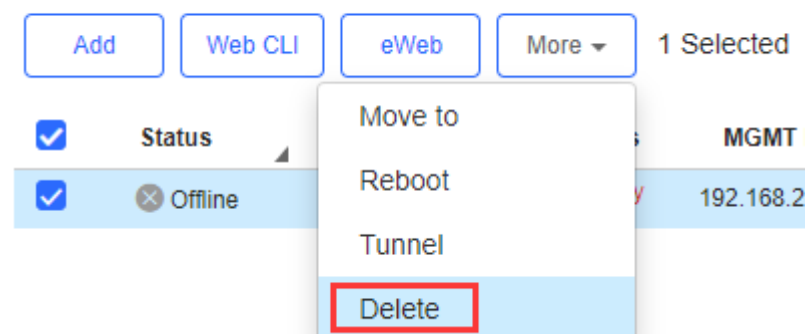
Local Global

Tunnel List

Error occurs. Please click [here](#) to restore. If the tunnel is unavailable, please re-create it or contact us for support.

Delete

Gateway List






Select the device in the **Gateway List**, click **More > Delete** and click **OK**.

5.5.8 WiFi Router (beta)

5.5.8.1 WiFi Router List

WiFi Router List (Click "SN" to view details) 1 devices with new firmware available

Auto Refresh: ☐   

[Add](#) [Web CLI](#) [Upgrade](#) [More](#) 0 Selected

SN, alias and description

☒ Basic ☐ RF ☐ Model

<input type="checkbox"/>	Online Status	SN	Sync	Alias	MAC	Management IP	Egress IP	Clients	Network	Firmware Version	Last Offli
<input type="checkbox"/>	Online	H1NW5JK071016	Synced	EWR	8005.8837.0b6f	10.0.98.2	125.77.81.204	-	ESW	EG_3.0(1)B11P30.Release(07182301) Upgrade	2020-06-19 11
<input type="checkbox"/>	Online	G1PD3QN000628	Synced	EHR-Route	00d0.f880.5680	10.0.98.4	125.77.81.204	-	EW1200GPRO	EW_3.0(1)B11P30.Release(07180823) Latest	2020-06-22 1
<input type="checkbox"/>	Online	MACC802300002	Synced	EHR-AP-123	00d0.f880.5690	192.168.110.191	125.77.81.204	-	EW1200GPRO	EW_3.0(1)B11P30.Release(07180823) Latest	-
<input type="checkbox"/>	Never Online	098765431ASDB	Wait	Add				-	EnetTest		-
<input type="checkbox"/>	Never Online	098765431QWEA	Wait	Add				-	EnetTest		-
<input type="checkbox"/>	Never Online	098765431ZXCXV	Wait	Add				-	EnetTest		-
<input type="checkbox"/>	Never Online	1234567890ASDA	Wait	1234567890asda				-	EGW_EAP		-
<input type="checkbox"/>	Never Online	SW111111111111	Wait	Add				-	default		-

First Previous Page 1 of 1 Next Last

10 8 in total

The **WiFi Router List** displays basic device information, including the online/offline status, SN, MAC, alias, management IP & public IP, offline time, network, model, firmware version and description.


The **WiFi Router List** automatically refreshes every minute. Click **Auto Refresh:** ☒ to enable/disable the auto refresh function.



Above the list is the **Add** function. Click [More](#) to display the **Move to**, **Delete**, **Export**, and **Reboot** functions. For more information, refer to **Basic Router Operations**.



















The **Search** function supports fuzzy queries based on the serial number, alias and description, and also supports queries based on online/offline status.

Click the record in the **Config Status** column to open the **Config Status** page. On this page, you can deliver one or all configurations.

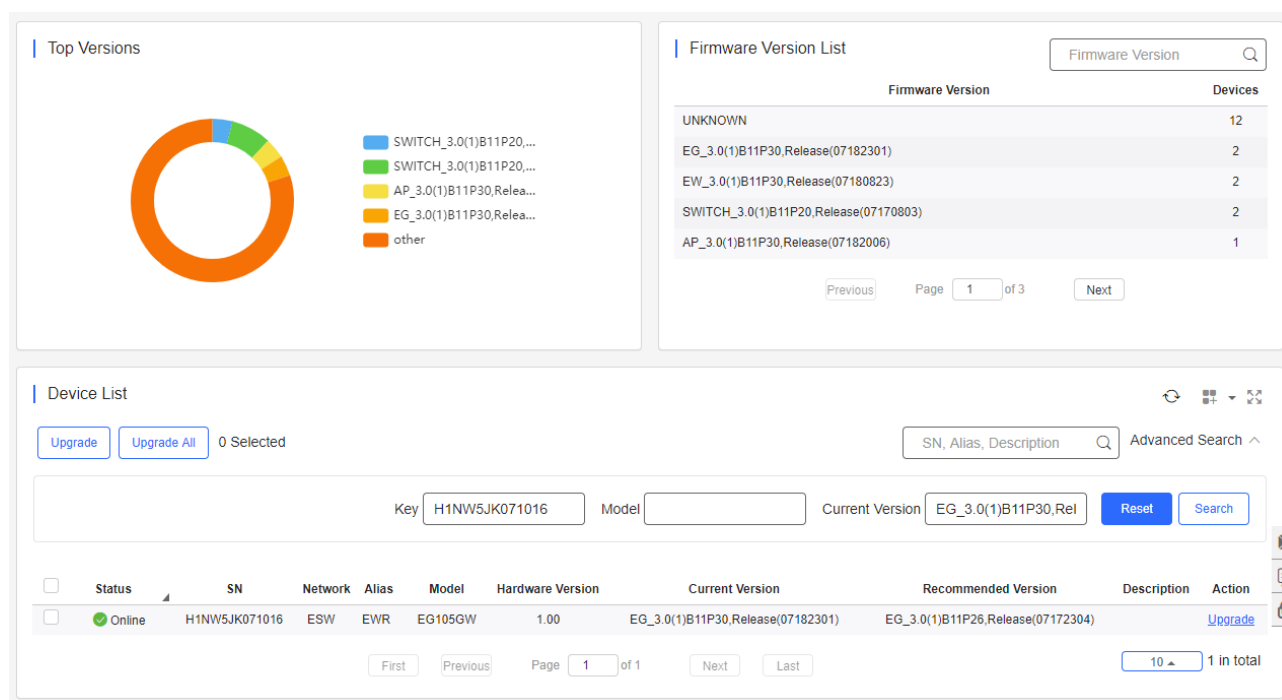
Config Status(G1KQB7F01872A)

To synchronize all configurations to the AP, please click Manually Deliver. If a configuration fails to be synchronized, please click  in the Action column to deliver it again.

 Manually Deliver  Refresh

	Config	Status	Action
+	Whitelist Settings[Free Url]	Synced	
+	Device Name Settings	Synced	
+	Wireless Signal Settings	Synced	
+	Bluetooth Settings	Synced	
+	CWMP Interval Settings	Synced	
+	NAT Address Pool Settings	Synced	
+	SSID Rate Limit Settings	Synced	
+	5G-Prior Access	Synced	
+	Wireless Security Settings	Synced	
+	Wireless Location Settings	Synced	
+	Country Code and Bandwidth Settings	Synced	
+	Access Control Settings	Synced	
+	Global Radio Settings	Synced	
+	Diagnosis Logging Settings	Synced	
+	Log Settings	Synced	
+	RF Parameter Settings	Synced	
+	Custom CLI Settings	Synced	
+	Web Reserved Settings	Synced	

The number of devices which have available firmware for upgrade is displayed on the upper-left corner of the **AP List** page. Click **New Firmware** to display the **New Firmware List**. Then click **Go To Upgrade** to enter the **MAINTENANCE > UPGRADE > Upgrade** page.



For more information, refer to **Device Details**.

5.5.8.2 Device Details

Click the serial number in the device list to open the details page for a single device. The page displays detailed device information, including basic information, performance data, speed data, client data, online/offline status, and device logs.

Router information is described as:

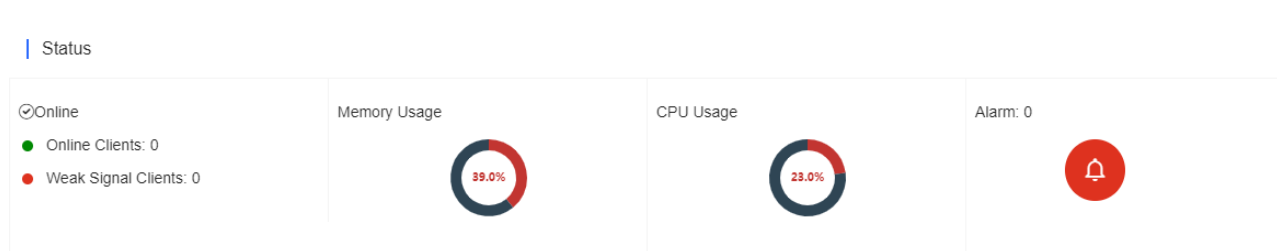
Router Info

Router Info

Alias: EHR-Route	SN: G1PD3QN000628	MAC: 00d0.f880.5680
Management IP: 10.0.98.4	Type: EW1200G-PRO	Sync: Synchronized
Hardware Version: 1.00	Actual Master Device: G1PD3QN000628	
Firmware Version: EW_3.0(1)B11P30,Release(07180823)		
Description: EHR-Route-1		
SSID Password: *****		
SSID: @@@@-EHR-Route		

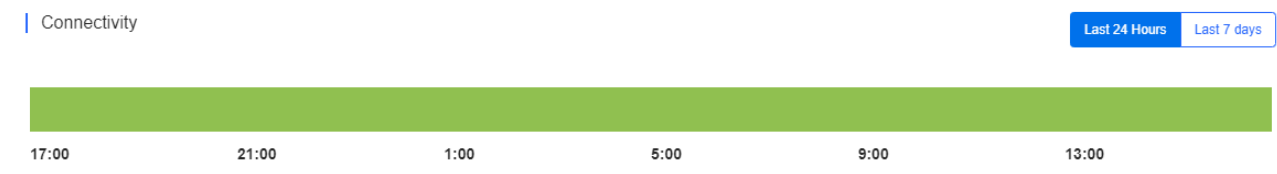
The basic information includes serial number, MAC address, management IP address, device model, configuration status, firmware version, hardware version, alias, and description.

Status



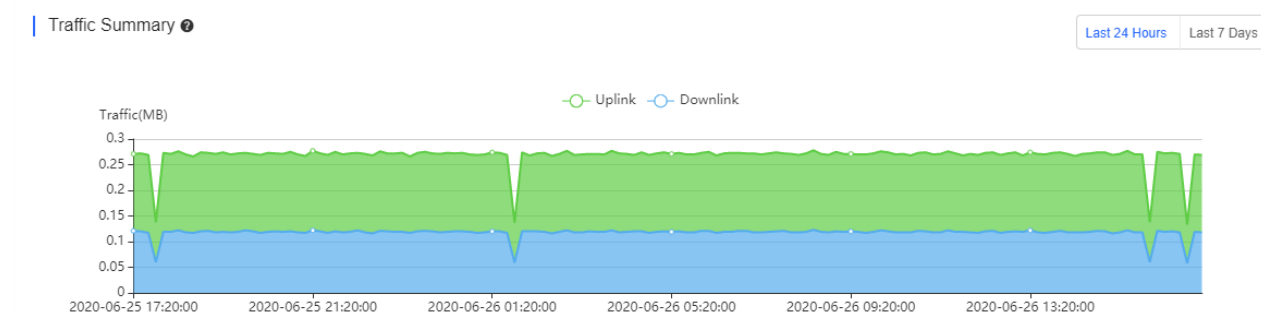
The performance data includes the router connection status, online client count, CPU usage, and memory usage.

Connectivity



Router connectivity refers to the connectivity (online status) between router and Cloud Service within a period (1 day or 7 days).

Speed Summary



You can choose to view the router speed statistics in the last 24 hours or the last 1 week.

Device Log

Log Record

Device Log Config Log

All QSearch

Type	Updated at	Content
No Data		

First Previ... Page 0 of 0 Next Last

10 0 in total

The Device Log records the device type, update time and content.

Config Log

Log Record

Device Log Config Log

QSearch

Operation Type	Started at	Ended at	Status	Description	Details
No Data					

First Previ... Page 0 of 0 Next Last

10 0 in total

The Config Log records the historical operations, including online/offline, restart and upgrade records, and supports queries based on the log type and period.

5.5.8.3 Basic Router Operations

- Add Router

WiFi Router List (Click "SN" to view details)

Add

Web CLI

Upgrade

More ▾

0 Selected

☒ Basic ☐ RF ☐ Model

☐ Online Status

SN

Sync


Ali

Select the network, and click **Add**. Both batch import and manual add are supported.

Click **download template** to download the template, enter router information, and click **'.xls' File** to import the template.

Add ×

Download and fill in the template. Up to 500 records can be imported



".xls" File

Download Template

Add a Device

Close

Click **Add a Device**, enter SN and alias of the AP, and click **OK**. Click **+** to add multiple APs.

Add

1 SN Alias

2 SN Alias

3 SN Alias

Batch Import

OK

Close

- Move to

WiFi Router List (Click "SN" to view details) 1 devices with new firmware available

Add

Web CLI

Upgrade

More ▾

0 Selected

☒ Basic ☐ RF ☐

☐ Online Status

<input type="checkbox"/>	Online	G1PD3QN000628	Synced	EWR	8005.8837.0b6f
<input type="checkbox"/>	Online	MACC802300002	Synced	EHR-Route	00d0.f880.5680
<input type="checkbox"/>	Online	MACC802300002	Synced	EHR-AP-123	00d0.f880.5690

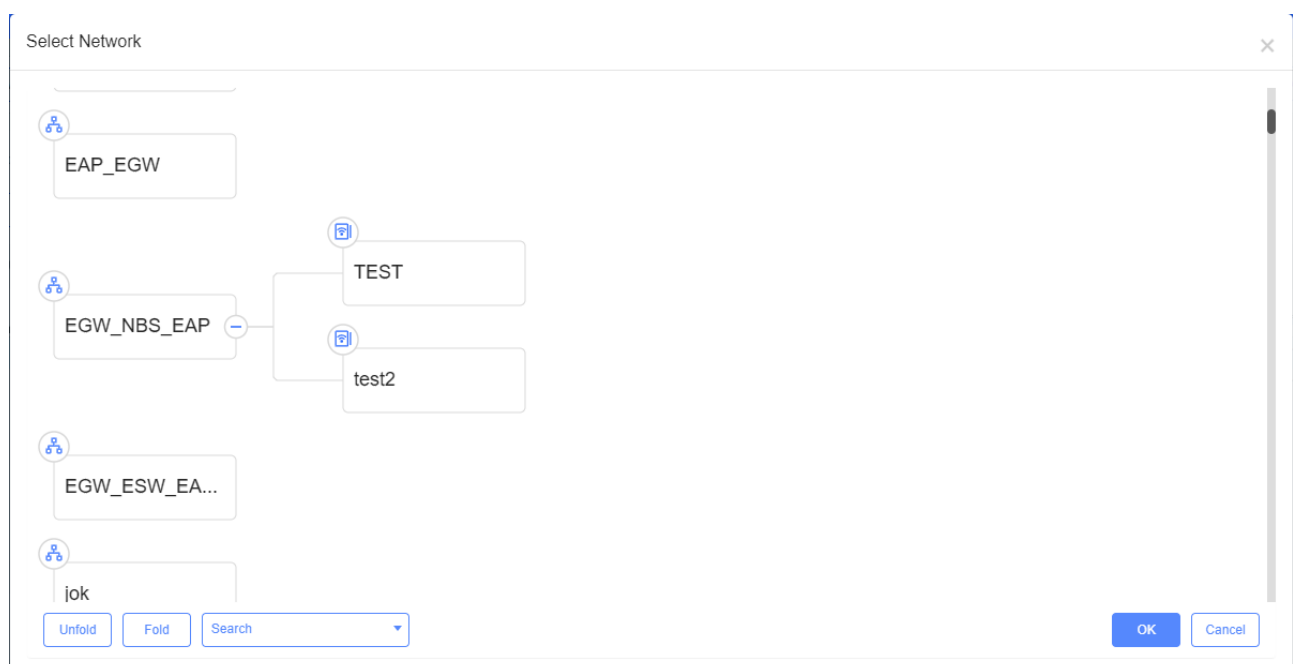
Move to

Delete

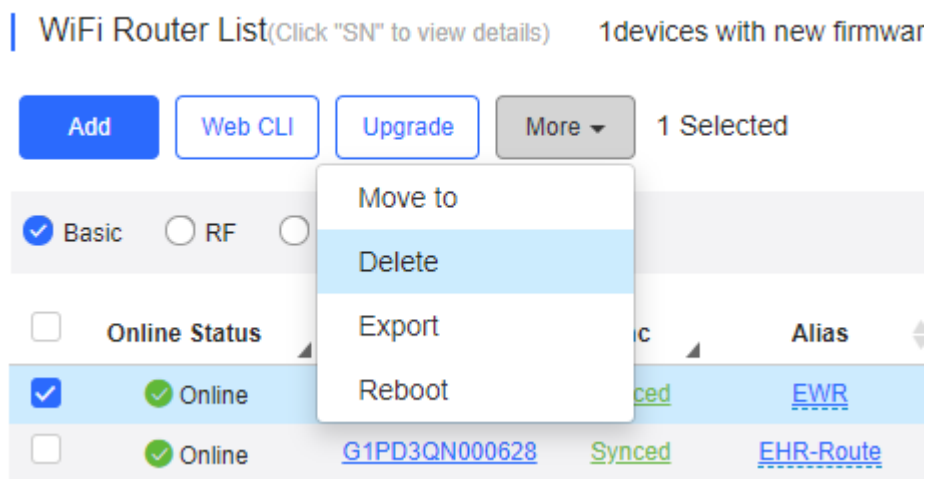
Export

Reboot

Select one or multiple devices in the **WiFi Router List**, click **More > Move to**, select the new network and click **OK**.

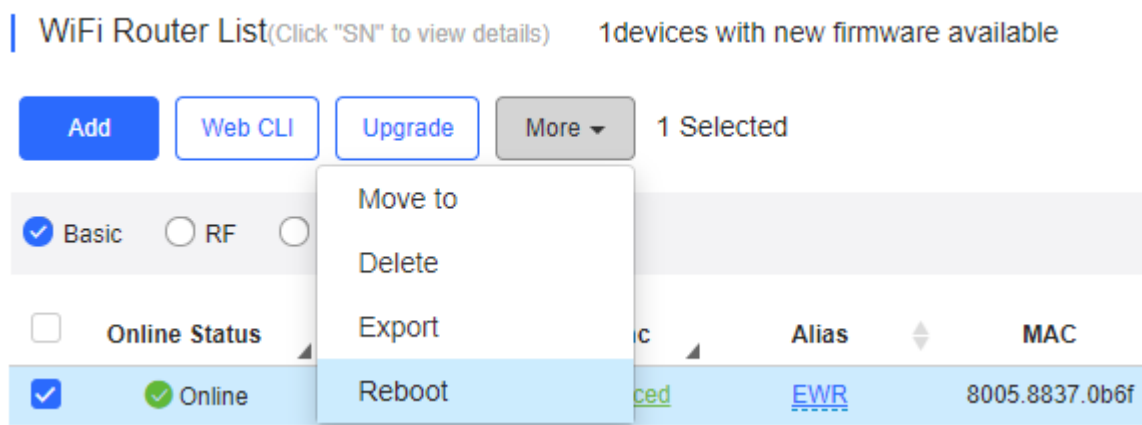


- Delete



Select one or multiple devices in the **WiFi Router List**, click **More > Delete** and click **OK**.

- Reboot



Select one or multiple devices in the **WiFi Router List**, and click **Reboot**.

5.5.8.4 Web CLI

Select one or multiple devices in the **WiFi Router List**, and click **Web CLI**. The **Web CLI** dialog box is displayed, and device information can be queried via the menus in this dialog box. The menus vary with the products.

WiFi Router List (Click "SN" to view details) 1 devices with new firmware available

1 Selected

☒ Basic
☐ RF
☐ Model

<input type="checkbox"/>	Online Status	SN	Sync	Alias	MAC
<input checked="" type="checkbox"/>	Online	H1NW5JK071016	Synced	EWR	8005.8837.0b6f

In the command entry box, the **TAB** key and question mark (?) both can complete a command.

5.6 Client

Select **MONITORING > CLIENT** to open the **Client** page.

5.6.1 Client List

- This page displays the information about online clients and historical clients of the current network.
- Click the drop-down list next to **Advanced Search** to switch between **Online Clients** and **History Clients**.
The client information includes basic information, band, and online time.
- Search for user data by online status, MAC, AP, SN or SSID.
- Click the device **MAC**, and the **Client Details** page is displayed.

Client List

IP	MAC	AP SN	SSID	RSSI	AP Alias	Band	Traffic (MB)	Manufacturer	Online Time	Offline Time
No Data										

Page of 0

0 in total

5.6.2 Client Details

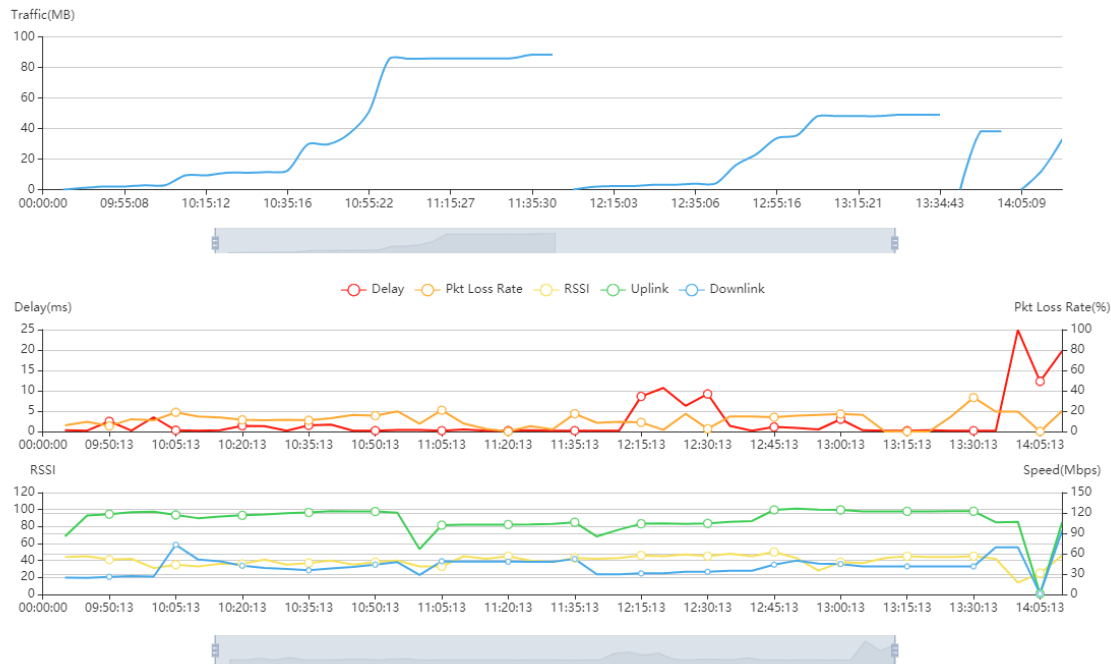
● Client Info

Client Info		
Alias :	Status : Online	MAC : 3045.9609.0557
Online Time : 2019-04-16 14:05:09	Offline Time : -	Uptime : 0h 8m 26s
IP : 172.17.125.140	Terminal : Phone	OS : Android
Manufacturer : HUAWEI TECHNOLOGIES CO.,LTD	AP SN : G1KD9HH02861B	AP Alias : 520w2
SSID : Nature_cloud_as		

Client Info includes alias, online status, MAC etc.

● Performance

Performance



Performance displays the traffic summary etc.

- Online/Offline Record

Online/Offline Record

AP SN	AP Alias	IP	SSID	RSSI	Band	Traffic(MB)	Online Time	Offline Time	Updated at
G1KD9HH02861B	520w2	172.17.125.140	Nature_cloud_as	-53	2.4G	32.762	2019-04-16 14:05:09	-	2019-04-16 14:13:46
G1KD9HH02861B	520w2	172.17.125.140	Nature_cloud_as	-	2.4G	38.179	2019-04-16 13:46:16	2019-04-16 13:57:23	2019-04-16 13:57:43
G1KD9HH02861B	520w2	172.17.125.140	Nature_cloud_as	-	2.4G	49.051	2019-04-16 12:04:10	2019-04-16 13:34:43	2019-04-16 13:35:23
G1KD9HH02861B	520w2	172.17.125.140	Nature_cloud_as	-	2.4G	88.296	2019-04-16 09:36:35	2019-04-16 11:36:13	2019-04-16 11:36:31
G1KD9HH02861B	520w2	172.17.125.140	Nature_cloud_as	-	2.4G	4.442	2019-04-15 15:24:59	2019-04-15 15:58:43	2019-04-15 15:59:26
G1KD9HH02861B	520w2	172.17.125.140	Nature_cloud_as	-	2.4G	1.520	2019-04-15 12:39:38	2019-04-15 12:47:05	2019-04-15 12:47:59
G1KD9HH02861B	520w2	172.17.125.140	Nature_cloud_as	-	2.4G	66.523	2019-04-15 10:15:38	2019-04-15 11:56:59	2019-04-15 11:57:46
G1KD9HH02861B	520w2	172.17.125.140	Nature_cloud_as	-	2.4G	12.954	2019-04-12 17:46:01	2019-04-12 18:28:59	2019-04-12 18:29:52
G1KD9HH02861B	520w2	172.17.125.140	Nature_cloud_as	-	2.4G	326.045	2019-04-12 14:01:03	2019-04-12 17:26:35	2019-04-12 17:26:40
G1KD9HH02861B	520w2	172.17.125.140	Nature_cloud_as	-	2.4G	2.815	2019-04-12 13:40:13	2019-04-12 13:51:20	2019-04-12 13:51:52

Online/Offline Record displays AP SN, AP alias, IP, SSID etc.

- Roaming Record

Roaming Record

Roam-in AP SN	Roam-in AP MAC	Roam-in AP Group	Roam-in AP Location	Source AP SN	Source AP MAC	Source AP Group	Source AP Location	Roam
G1KD84Y017646	5869.6c7a.5dd0	San_Jose	Outdoor RG-AP630(CD)	G1KD83S04970C	5869.6c79.44f7	San_Jose	Indoor AP520-I	G1KD
G1KD83S04970C	5869.6c79.44f7	San_Jose	Indoor AP520-I	G1KD14G00221B	5869.6c5b.5071	San_Jose	Indoor AP520(BT)	G1KD
G1KD14G00221B	5869.6c5b.5071	San_Jose	Indoor AP520(BT)	G1KD83S04970C	5869.6c79.44f7	San_Jose	Indoor AP520-I	G1KD
G1KD90N003414	5869.6caa.72e2	San_Jose	AP630(IODA)	G1KDA0T003926	5869.6cb9.7926	San_Jose	Indoor AP740-I	G1KD
G1KD90N003414	5869.6caa.72e2	San_Jose	AP630(IODA)	G1KDA0T003926	5869.6cb9.7926	San_Jose	Indoor AP740-I	G1KD
G1KDA0T003926	5869.6cb9.7926	San_Jose	Indoor AP740-I	G1KD84Y017646	5869.6c7a.5dd0	San_Jose	Outdoor RG-AP630(CD)	G1KD
G1KD83S04970C	5869.6c79.44f7	San_Jose	Indoor AP520-I	G1KDAHJ052008	5869.6cc1.96d0	San_Jose	indoor AP130(W2)	G1KD

Roaming Record displays roam-in AP, source AP, SSID etc.

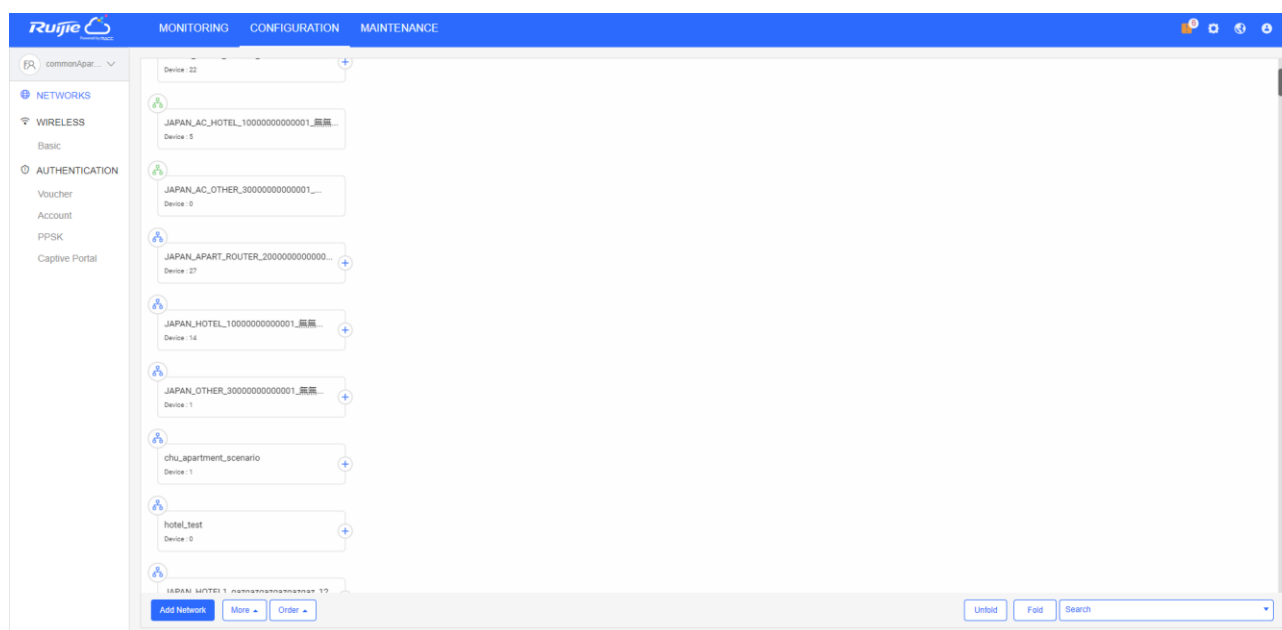
6 Configuration

The Configuration module includes two parts: **NETWORKS** and **WIRELESS**.

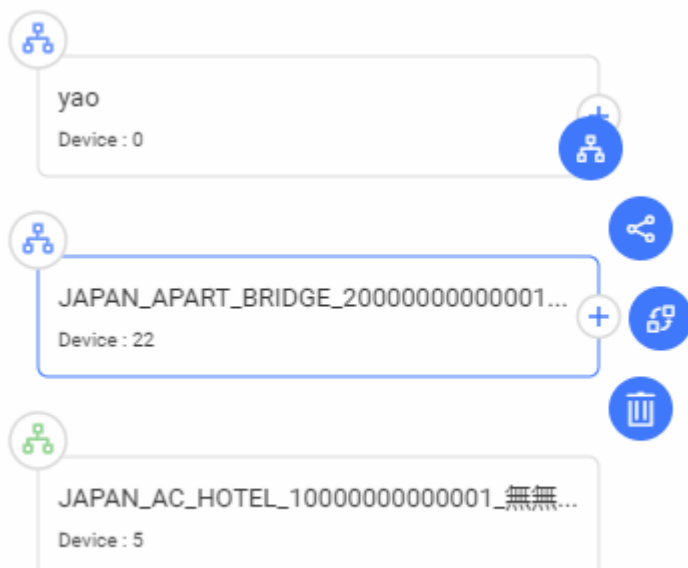
6.1 Networks

6.1.1 Networks

Select **CONFIGURATION > NETWORKS** to open the **NETWORKS** page.

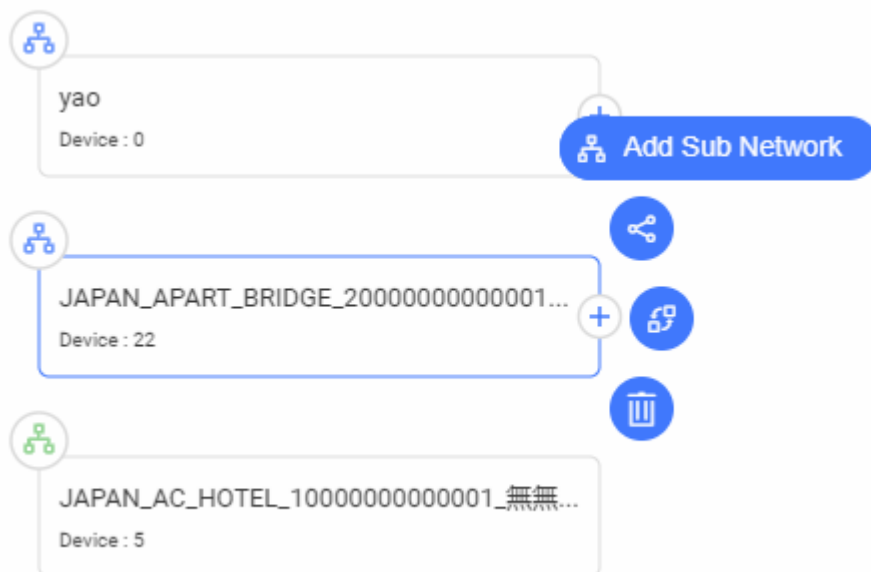


Click a network, and four operation icons are displayed around the network for adding a sub network, sharing the network, handing over the network, and deleting a network. You can click these icons or the buttons in the lower right corner to perform operations on the network.



6.1.1.1 Add Sub Networks for AP Networks

Select the network and click **Add Sub Network**.



Add Network
Add Network
Add Device
Finish

Basic

Name
Name your network

Scenario

Hotel

Apartment

Other

Time Zone
(GMT+9:00)Asia/Tokyo

Auto Switch Mode

Disable

Bridge

Router

Bind Location
Enter a location name

Shanghai
上海市

Cancel
Save

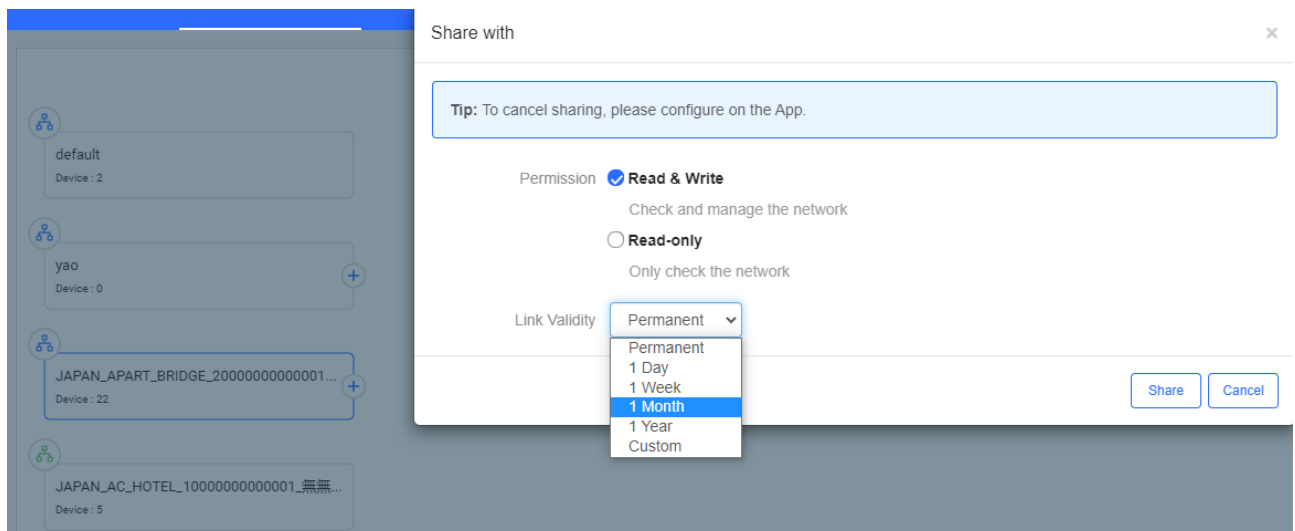
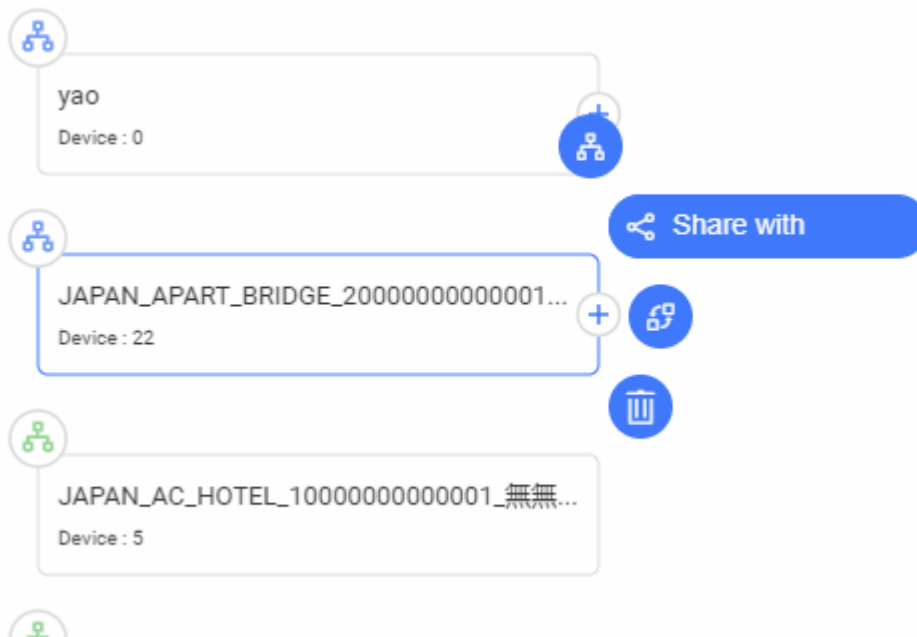
Basic Information

Name	
Time Zone	(GMT+9:00)Asia/Tokyo
Type	
Location	Not Bound

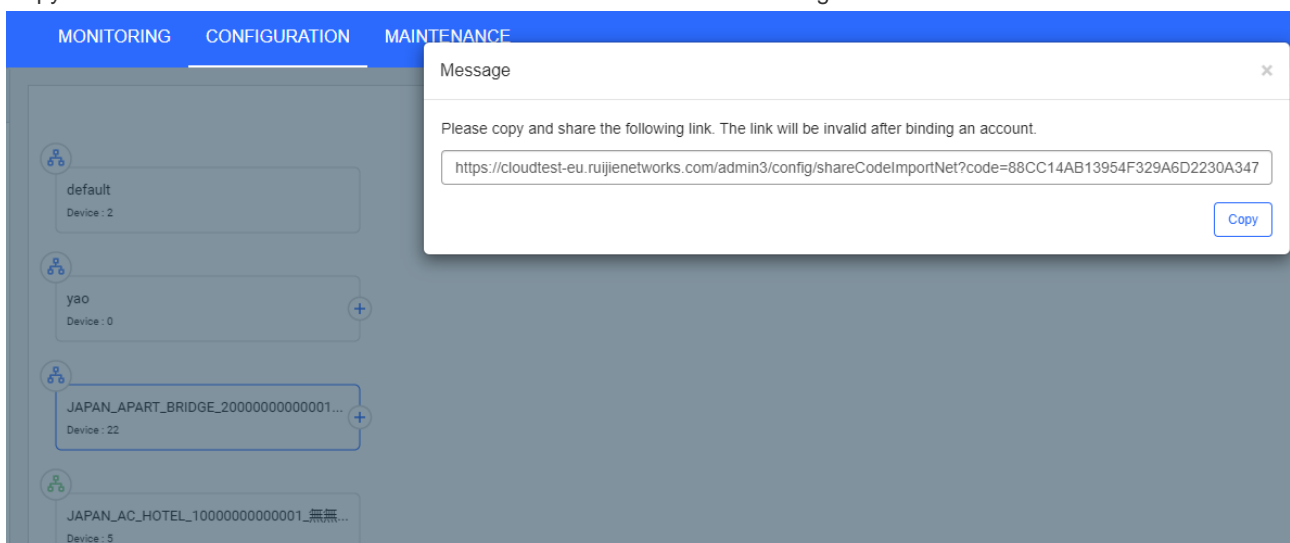
6.1.1.2 Share with

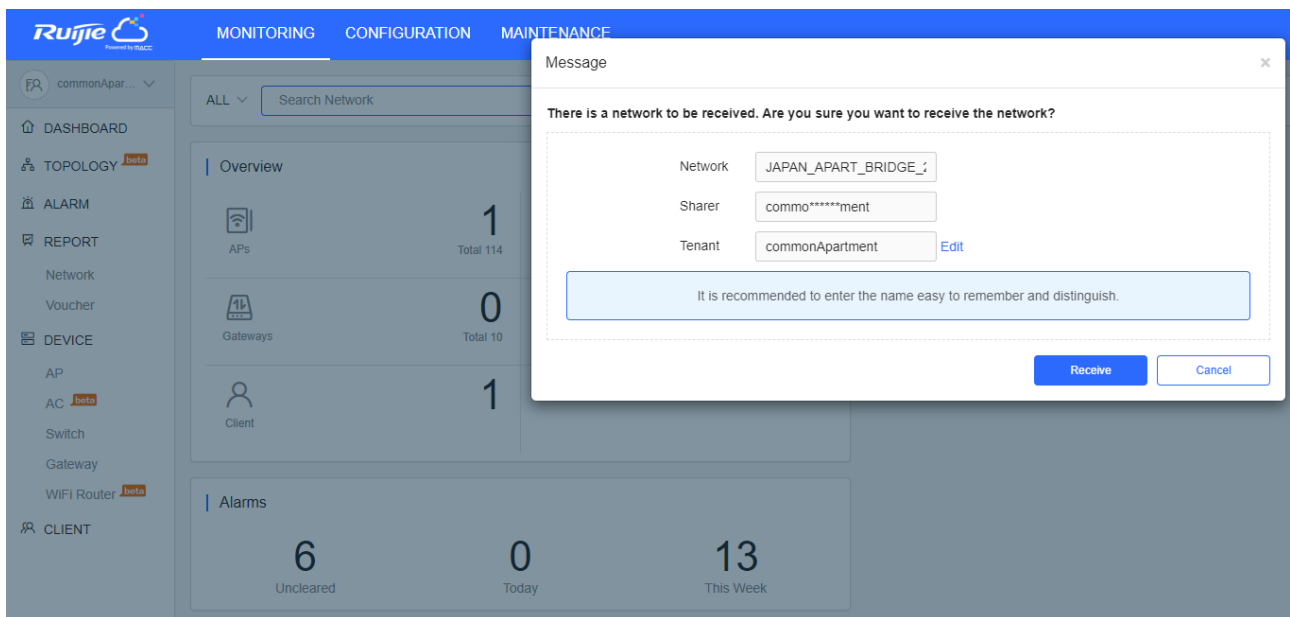
A network can be shared to other users for check and management. You can set the validity so that the network sharing will be canceled after the specified time.


Select a network and click **Share with**.

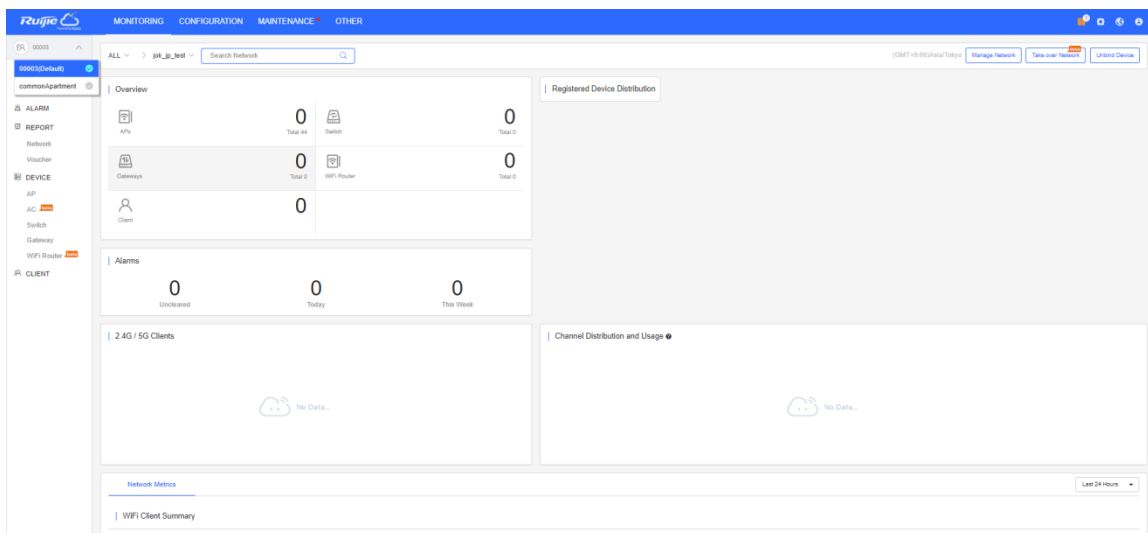


Copy the link and send to the receiver. The receiver can visit the URL and log in to receive the network.





Click the  on the upper left corner to switch tenant and check the shared network.



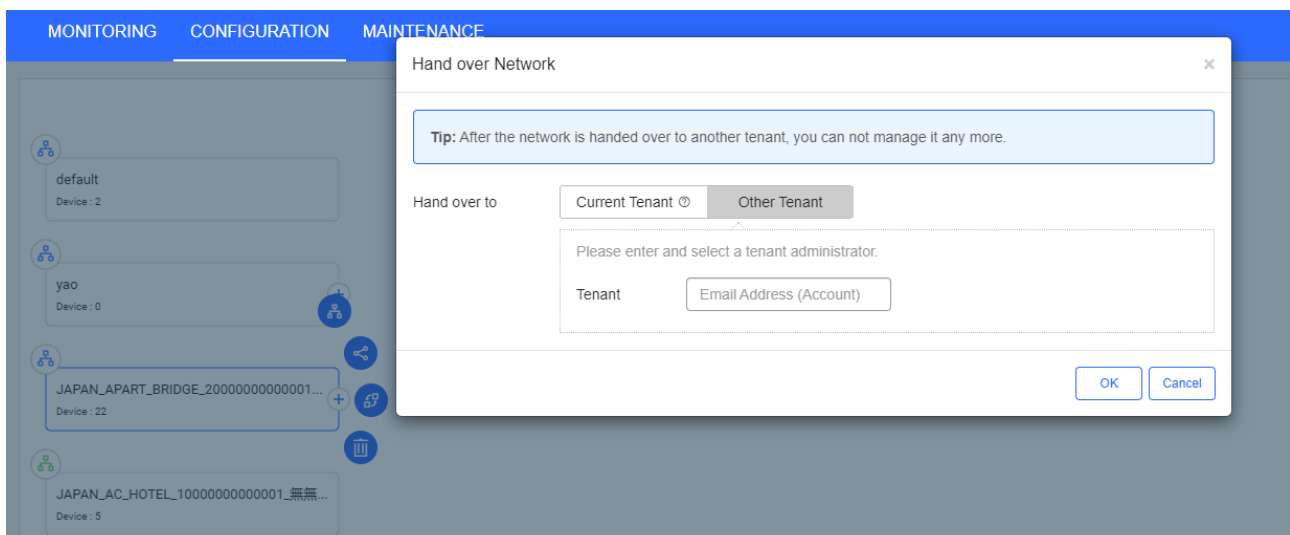
6.1.1.3 Hand over

The network can be handed over to another tenant.

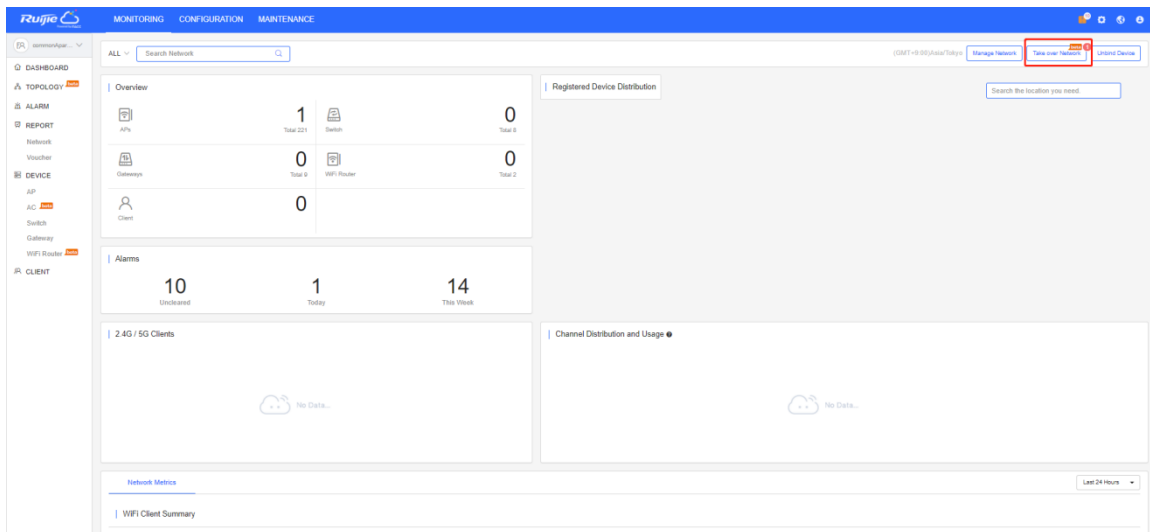
Select a network and click **Hand over**.



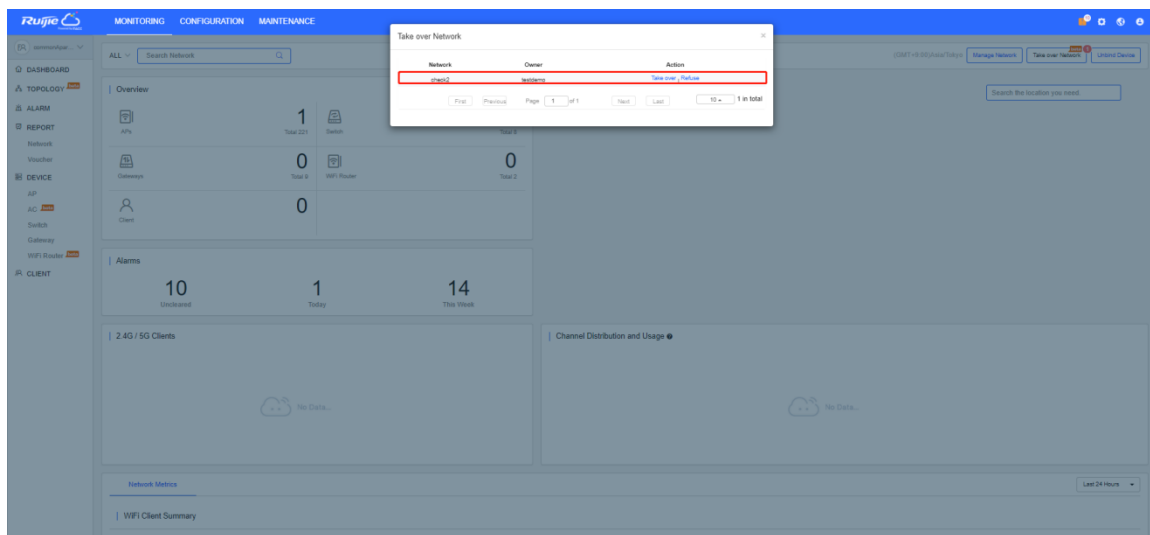
Enter the Email address of tenant, and click **OK**. After the receiver takes over the network, you can not manage the network anymore.



As the receiver logs in to Ruijie Cloud, an icon is displayed on the upper right corner.

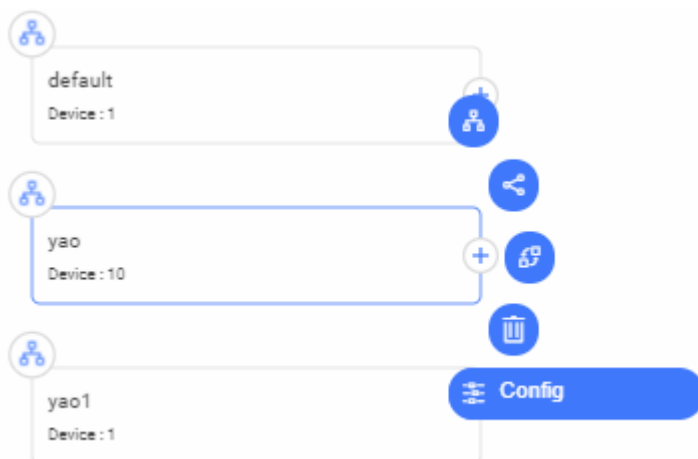


Click **Take over Network** to take over or refuse the network.



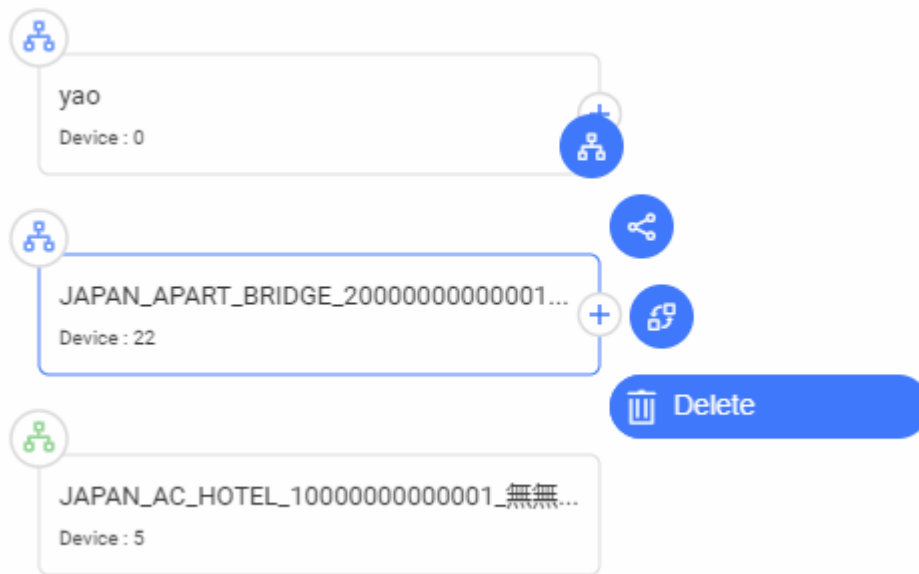
6.1.1.4 Config

Select the network and click **Config**.



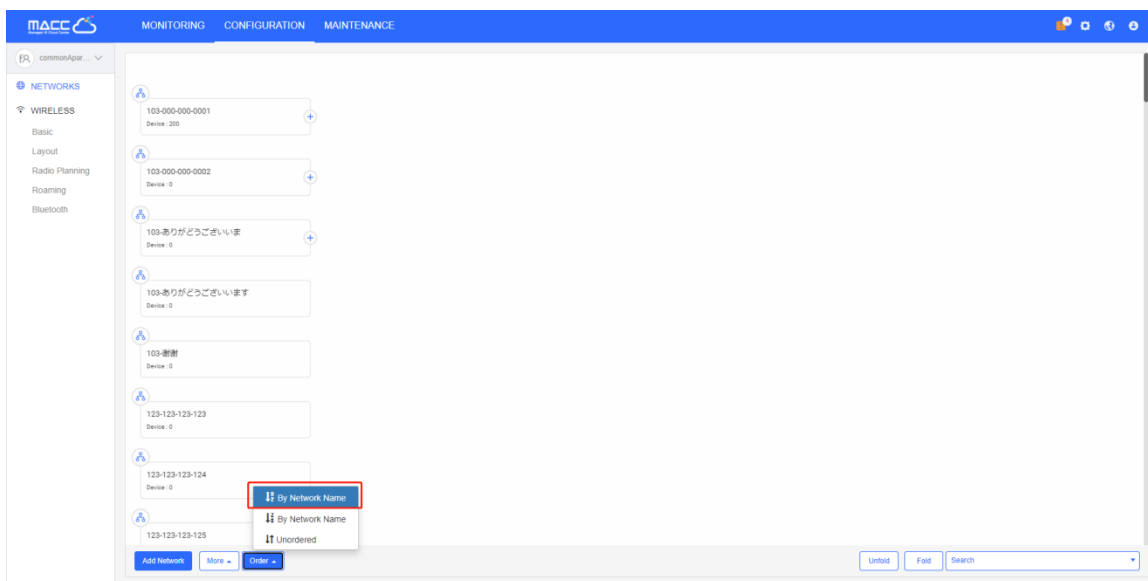
6.1.1.5 Delete

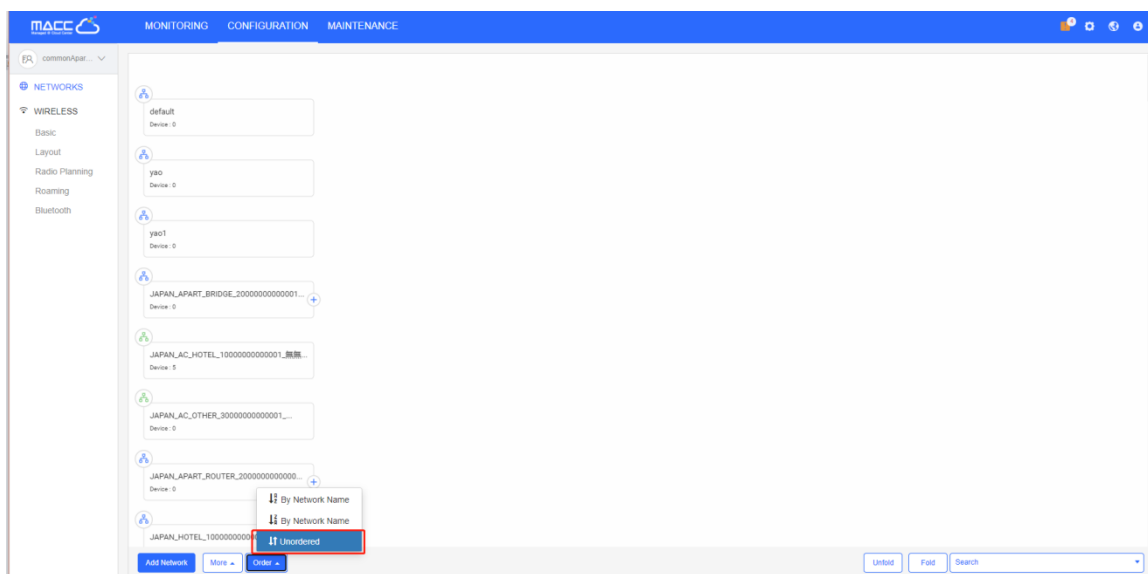
Select the network and click **Delete**. When the delete confirmation window is displayed, click **OK**.



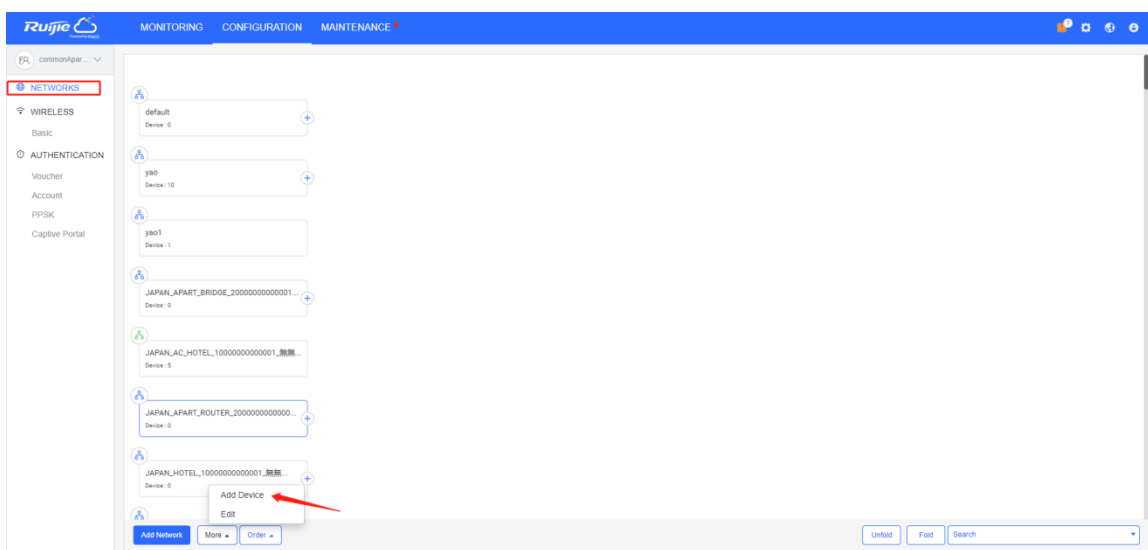
6.1.1.6 Order Networks

Networks can be unordered or sorted by name in the ascending/descending order.





Non-apartment Mode



Add Device

← Add Network → Add Device → Finish

AP

Switch

Gateway

WiFi Router

1 SN

Alias

2 SN

Alias

3 SN

Alias

4 SN

Alias

Batch Import

Cancel

Save & Next

Added Equipment

AP	0
Gateway	0
Switch	0
WiFi Router	0

[View Details](#)

Choose **NETWORKS**, select a network in non-apartment mode, and click **More > Add Device** to add APs, switches, gateways, and WiFi routers.

Apartment Mode

Ruijie

MONITORING CONFIGURATION MAINTENANCE

commonAppt...

NETWORKS

WIRELESS

Basic

AUTHENTICATION

Voucher

Account

PPSK

Captive Portal

default

Device: 0

y90

Device: 10

y901

Device: 1

JAPAN_AFART_BRIDGE_20000000000001...

Device: 0

JAPAN_AC_HOTEL_10000000000001_無...

Device: 0

JAPAN_AFART_ROUTER_20000000000000...

Device: 0

JAPAN_HOTEL_10000000000001_無...

Device: 0

Add Device

Edit

Add Network

More

Order

Unfold

Fold

Search

Add

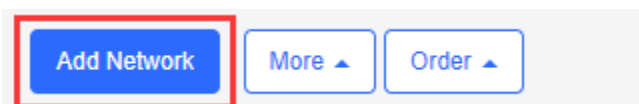
Download and fill in the template. Up to 200 records can be imported

[Click to select devices parsing rule \(Default Template \)](#)

Choose **NETWORKS**, select a network in apartment mode, and click **More > Add Device** to add APs.

6.1.2 Add Network

Select **CONFIGURATION>NETWORKS**, and click **Add Network**.



Non-apartment Scenario

Enter the network name.

Add Network
Add Network
Add Device
Finish

Basic

Name
20210630

Scenario

Hotel

Apartment

Other

Time Zone
(GMT+9:00)Asia/Tokyo

Type

Cloud + AP

AC + Fit AP

Bind Location
Enter a location name

Basic Information

Name	20210630
Time Zone	(GMT+9:00)Asia/Tokyo
Type	Cloud + AP
Location	Not Bound

Specify the network location.

Add Network

◆ Add Network

→ Add Device

→ Finish

Basic

Name20210630

Scenario

Hotel

Apartment

Other

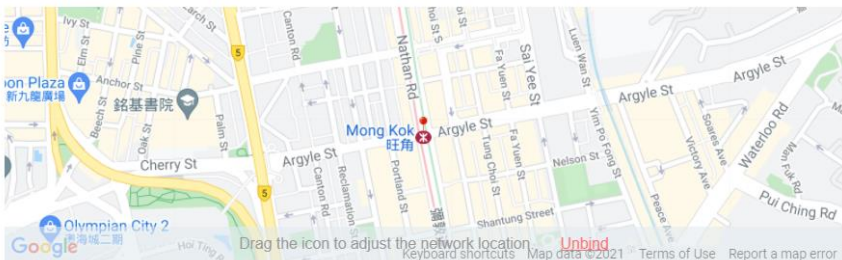
Time Zone(GMT+9:00)Asia/Tokyo

Type

Cloud + AP

AC + Fit AP

Bind LocationHongkong



CancelNext

Basic Information

Name	20210630
Time Zone	(GMT+9:00)Asia/Tokyo
Type	Cloud + AP
Location	Bound

Enter the WiFi information as required.

Add Network

◆ Add Network

→ Add Device

→ Finish

WiFi Settings

SSID20210630

Password

Open

WPA/WPA2-PSK

Collapse<<

Hide SSID☐

Radio

☒ Radio1

☒ Radio2

IP Assignment

☐ Clients Obtain IP Addresses from AP
Clients obtain IP addresses from the AP (NAT mode: The address pool is on the AP, Range:10.233.0.0/24-10.254.254.0/24)

☒ Clients Share Address Pool with AP
Clients and the AP reside in the same VLAN and share one address pool (The AP also obtains its IP address through DHCP)

☐ Bridge Mode
Clients and the AP reside in different VLANs.

5G-Prior Access☐ On

Speed limit per Client☐ On

Speed limit by SSID☐ On

+ Add WiFi

Back

CancelSave & Next

Basic Information

Name	20210630
Time Zone	(GMT+9:00)Asia/Tokyo
Type	Cloud + AP
Location	Bound

Enter the information of APs, switches and gateways, and click **Save & Next**. Or click **Batch Import** to download the template, enter the device information in the table, and then batch import devices into the system.

Add Device *Add Network **Add Device** →Finish

AP Switch Gateway WiFi Router

1 SN	<input type="text"/>	Alias	<input type="text"/>	
2 SN	<input type="text"/>	Alias	<input type="text"/>	
3 SN	<input type="text"/>	Alias	<input type="text"/>	
4 SN	<input type="text"/>	Alias	<input type="text"/>	+

Added Equipment

AP	0
Gateway	0
Switch	0
WiFi Router	0

[View Details](#)

Batch Import Cancel **Save & Next**

Apartment Scenario

Enter the network name, select the scenario and bind the location.

Add Network **Add Network** →Add Device →Finish

Basic

Name

Scenario

Hotel
 Apartment
 Other

Time Zone

Auto Switch Mode

☐ Disable
 ☐ Bridge
 ☐ Router

Bind Location

Cancel **Save**

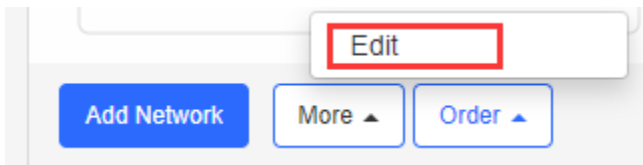
Basic Information

Name	
Time Zone	(GMT+9:00)Asia/Tokyo
Type	
Location	Not Bound

6.1.3 Edit Network

Select the network and click **Edit**.

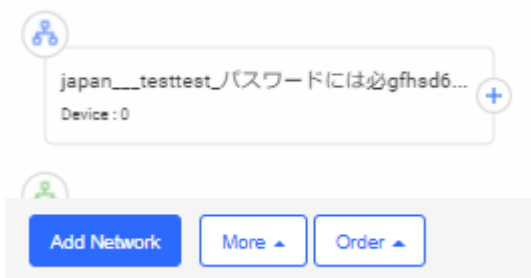
Non-apartment Scenario



You can edit network name and time zone, and bind location here.

A screenshot of an 'Edit' dialog box. The dialog has a title bar with the word 'Edit' and a close button. Inside, there is a 'Basic' tab. The 'Name' field contains 'TestGroup'. The 'Time Zone' dropdown menu is set to '(GMT+8:00)Asia/Hong_Kong'. The 'Scenario' section has a 'General' button. The 'Bind Location' field contains the placeholder text 'Enter a location name'. Below these fields is a map of Beijing showing various locations like 'Beijing Railway Station', 'Jingfeng Railway Signal Station', and 'Chouti Hutong'. At the bottom right of the dialog are 'Save' and 'Cancel' buttons.

Apartment Scenario



You can edit network name and time zone, and bind location here.

Edit



Name	<input type="text" value="default"/>
Time Zone	<input type="text" value="(GMT+9:00)Asia/Tokyo"/>
Scenario	<input type="text" value="Hotel"/>
Type	<input type="text"/>
Bind Location	<input type="text" value="Enter a location name"/>



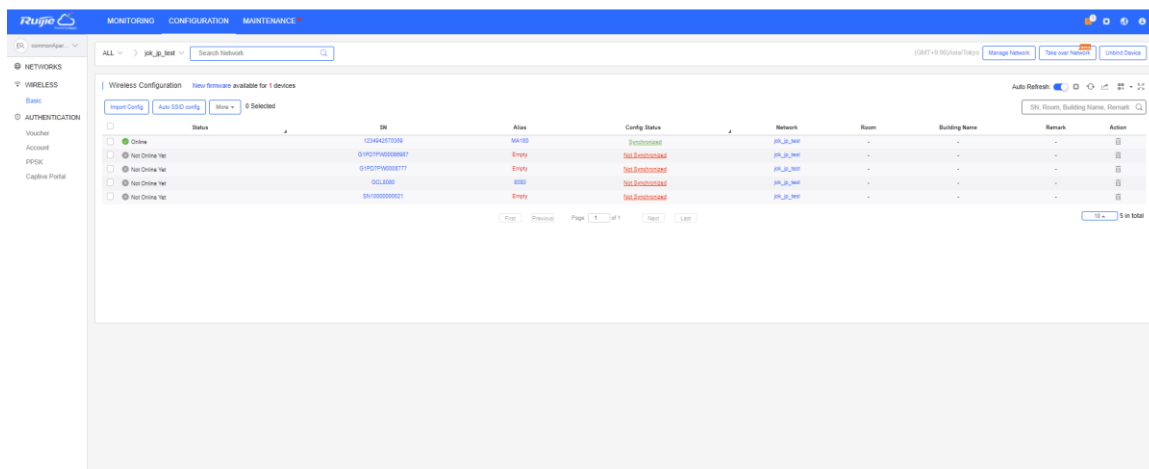
Save

Cancel

6.2 Wireless

6.2.1 Basic (Apartment Scenario)

Select **CONFIGURATION > WIRELESS > Basic** to configure SSID and password of AP.



In the apartment scenario, SSID and password can be configured in 2 ways.

Click **Import Config** to manually import SSIDs and passwords in an EXCEL file.

The screenshot shows the MACC Configuration interface. The top navigation bar includes 'MONITORING', 'CONFIGURATION', 'MAINTENANCE', and 'OTHER'. The left sidebar shows 'NETWORKS' and 'WIRELESS' with a 'Basic' sub-tab. The main content area is titled 'Wireless Configuration' and contains two buttons: 'Import Config' (highlighted with a red box) and 'Auto SSID config'. Below these buttons is a table with columns: Status, SN, Alias, and Config Status. The table lists 10 devices, all with a status of 'Not Online Yet' and a 'Config Status' of 'Not Synchronized'. A '0 Selected' indicator is present next to the buttons. A 'First' button is at the bottom right of the table.


Status	SN	Alias	Config Status
Not Online Yet	100000000001		Not Synchronized
Not Online Yet	123312123312		Not Synchronized
Not Online Yet	447411115571258		Not Synchronized
Not Online Yet	555B090041		Not Synchronized
Not Online Yet	555B090042		Not Synchronized
Not Online Yet	555B090043		Not Synchronized
Not Online Yet	555B090044		Not Synchronized
Not Online Yet	555B090045		Not Synchronized
Not Online Yet	555B090046		Not Synchronized
Not Online Yet	555B090047		Not Synchronized

Or you can select **Auto SSID Config**. In this way, you don't need to manually configure the SSID and password.

This screenshot is identical to the previous one, but the 'Auto SSID config' button is highlighted with a red box instead of 'Import Config'. The table and other interface elements remain the same.

6.2.1.1 Customize Template Rules

To batch import devices or change SSIDs/passwords, you can customize the importing template.

-  : Set the rule as default rule

5. Page up and down button

6.2.1.2 Auto SSID Config

Click **Auto SSID Config** to configure the SSID and password automatically.

To configure the password only, select **Only regenerate passwords**.

Auto SSID Config ×

Download and fill in the template. Up to 500 records can be imported



No file selected

☒ Only regenerate passwords
☐ Regenerate SSIDs and passwords

[Click to select devices parsing rule](#) (Default Template)

To configure both the SSID and password, select **Regenerate SSIDs and passwords**. At most 4 SSIDs can be configured.

☐ Only regenerate passwords
☒ Regenerate SSIDs and passwords

Number of SSIDs per device: 1 ▼

1
2
3
4

You can use either custom template or the default template.

- Use Customized Template to Configure SSID/Password

The customized template need to include SN, Building Name, Room Number, SSID, SSID Password, and Remark.

The following is an example to change the SSID and password only:

A	B	C	D	E	F	G
Building Name	Room					
100001	203					
100001	204					
100001	205					

The custom rule may be set as below:

- Name: ModifySSID
- snPosition:
- ssidPosition:

- ssidPasswordPosition:
- roomPosition: B2
- buildingNamePosition: A2
- RemarkPosition:

※If Remark is filled in EXCEL file, the former remark saved in the Cloud will be overwritten.

- Use Cloud's Default Template to Configure SSID/Password

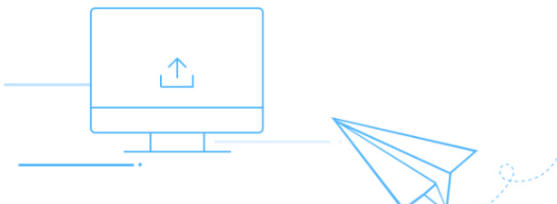
Download the template and fill the information as below:

SN	Remark	Room	Building Name
SN100001	10111	203	building1
SN10002	10112	204	building2

Import the template.

Auto SSID Config ×

Download and fill in the template. Up to 500 records can be imported



No file selected

☒ Only regenerate passwords

☐ Regenerate SSIDs and passwords

[Click to select devices parsing rule \(Default Template \)](#)

After the template is successfully imported, a prompt will be displayed. Click the prompt to open the Config Log page, and export the SSID configuration result.

MONITORING
CONFIGURATION
MAINTENANCE
OTHER

testdemo

ALL
test_apartment
Search Network

(GMT+9:00)Asia/Seoul

NETWORKS
WIRELESS
Basic

Import Config
Auto WiFi Config
0 Selected

Click here for detail configuration status

Status	SN	Alias	Device Status	Network
Not Online Yet	123456789ABCE	hagov	Not Synchronized	test_apartment
Not Online Yet	EWWWWWWWW444555	Empty	Not Synchronized	test_apartment / test_apartment_sub1

First
Previous
Page 1 of 1
Next
Last

To view the configuration result of the specified device, you can also point to the device SN to check the SSID/password.

Wireless Configuration

Import Config Auto WiFi Config 0 Selected

Status	SN	Alias	Config Status	Network
Not Online Yet	123456789ABCE	happy		test_apartment
Not Online Yet	EWWWWWWW444555			apartment / test_apart

First Previous

SSID	Password
SSID-8hIrHf	riBfmM8i
SSID-D7jr6h	BFTQEr4A
SSID-EM8GJy	YYbLhj4A

6.2.1.3 Import Config

- Use Default Template to Import SSID and Password

Click **Download Template**.

Import Config

Download and fill in the template. Up to 1000 records can be imported

.xls" File Download Template

Close

Enter SSID and password. Each AP supports at most 4 SSIDs, and SSIDs and passwords need to be separated by ','.

A	B	C	D	E	F	G	H	I	J
Model	SN	MAC	PN	SSID	SSID Password	Alias	Room	Building Name	Remark
	G1PD7PW00080B			10001,10002	66666666,88888888				

Click **".xls" File** to import the template.

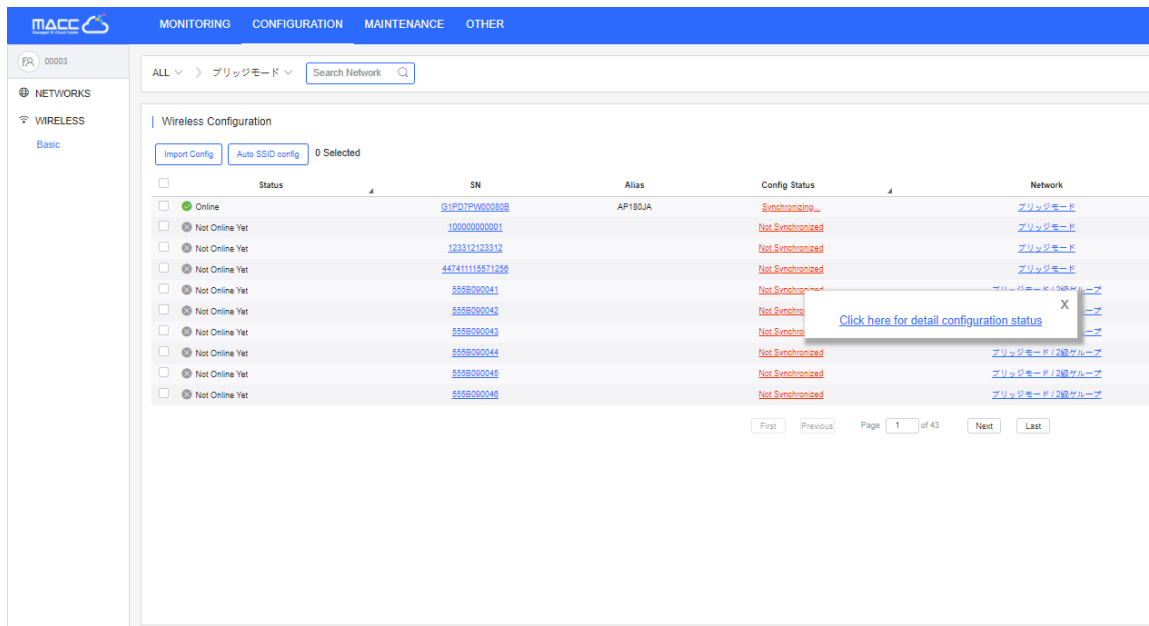
Import Config

Download and fill in the template. Up to 1000 records can be imported

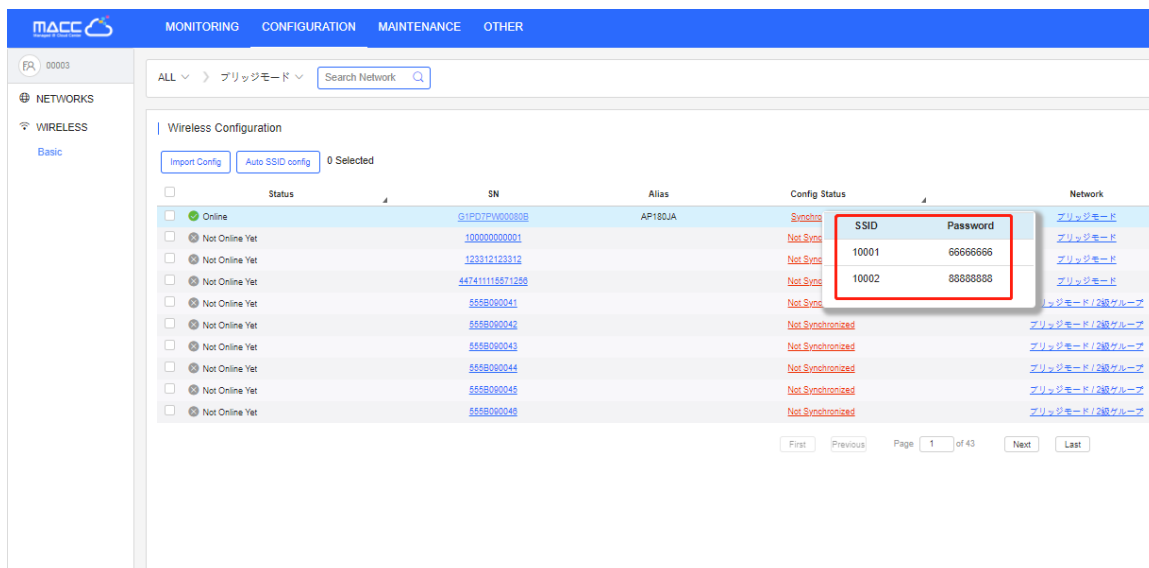
.xls" File Download Template

Close

After the template is successfully imported, a prompt will be displayed. Click the prompt to open the Config Log page, and export the SSID configuration result.



To view the configuration result of the specified device, you can also point to the device SN to check the SSID/password.



- Use Customized Template to Import SSID and Password

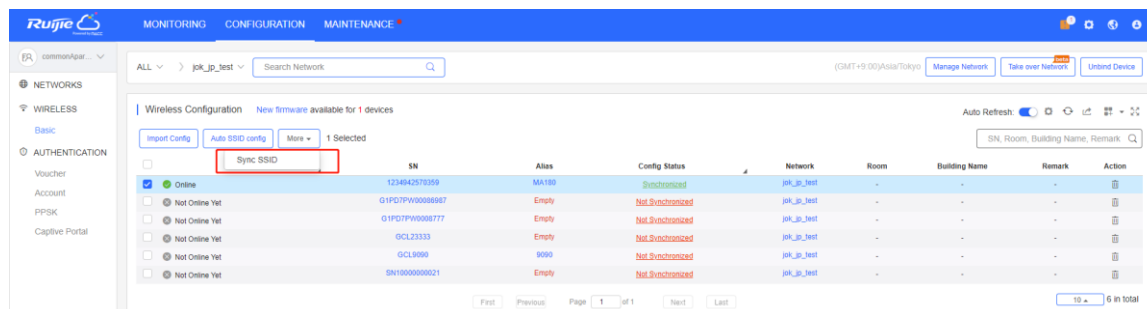
The operation is almost the same with that in **Auto SSID Config**. The only difference is that you need to fill in the SSID and password to be changed in the template.

The custom rule may be set as below:

- Name: ModifySSID
- snPosition:
- ssidPosition: G3
- ssidPasswordPosition: H3
- roomPosition: C3
- buildingNamePosition: B3
- remarkPosition: D3

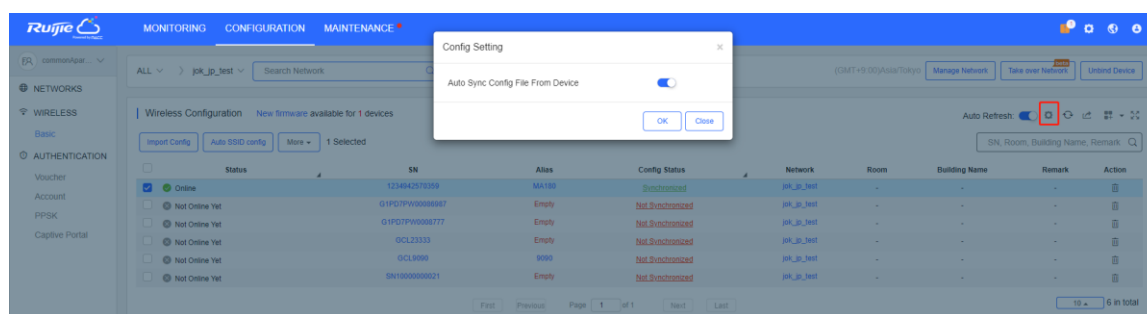
※If Remark is filled in EXCEL file, the former remark saved in the Cloud will be overwritten.

6.2.1.4 Sync SSID



Select devices to be synchronized, and click **More > Sync SSID** to synchronize the SSIDs and passwords of the devices. A maximum of 100 devices can be selected. After the synchronization, synchronized SSIDs and passwords are displayed.

6.2.1.5 Auto Sync Config File From Device



Enable the **Auto Sync Config File From Device** function. Configuration files will be automatically synchronized from the devices in the network at an interval of 20 to 28 hours.

6.2.2 Basic (Non-apartment Scenario)

If a network is not configured, it will inherit configuration from its parent network by default. You can create or import a configuration file from other networks. Note that if there is any captive portal template unavailable for the network, the configuration file can not be imported.



Click **Save** to configure the network.

Wireless Configuration
⌵

SSID ⊕

WLAN ID	SSID	Encryption Mode	Hidden	Forward Mode	Radio	Auth Mode	Action
1	myWiFi	wpa/wpa2-psk	No	Bridge	1.2	Auth Disabled	<input type="checkbox"/> <input type="checkbox"/>

Page 1 of 1

Radio

Radio1(2.4GHz)
ON/OFF ☒
Max Clients

Radio2(5GHz)
ON/OFF ☒
Max Clients

Radio3 ⊕ (2.4GHz or 5GHz) Scan ☒ Access ☐
ON/OFF ☐
Max Clients

On the **Basic** page, **Wireless**, **Security**, and **Advanced Settings** can be configured.

6.2.2.1 SSID

SSID
✕

WLAN ID
SSID
Encryption Mode

Hidden
Forward Mode ⊕
VLAN ID
Radio ☒ Radio1(2.4GHz) ☒ Radio2(5GHz)
☐ Radio3 ⊕ (2.4GHz or 5GHz)

5G-Prior Access ⊕ ☐
Speed Limit per Client ☐
Speed Limit by SSID ☐
Auth ☐

Click **+** in the upper left corner to add an SSID. In addition, the **SSID** page further enables you to configure the rate limit and the authentication function. Parameters on the **SSID** page are defined as follows.

WLAN ID: Select a WLAN ID. An SSID matches a WLAN ID one-to-one. The WLAN ID can be specified only when an SSID is added and can not be changed subsequently. The maximum value of **WLAN ID** is 32.

SSID: Enter an SSID name.

Encryption Mode: **Open**, **WPA-PSK**, **WPA2-PSK**, **WPA/WPA2-PSK**, **WPA2-ENTERPRISE (802.1X)** and **PPSK**. **Open** indicates that no password needs to be configured; **WPA-PSK** or **WPA2-PSK** indicates that a password needs to be configured. **WPA2-Enterprise(802.1x)** indicates that the 802.1x authentication mode is adopted for the SSID. **PPSK** indicates that each terminal device is bound with a unique WiFi account and key. After the PPSK mode is selected, you need to configure your account in **CONFIGURATION>AUTHENTICATION>PPSK**.

If you select the **WPA2-Enterprise(802.1x)** mode, the following page is displayed.

SSID ×

WLAN ID 2

SSID

Encryption Mode WPA2-Enterprise(802.1X)

Primary Server --Select a server-- ⊕ ✎

Jitter Prevention ☐

Advanced Settings Advanced Settings

5G-Prior Access ☐

Speed Limit per Client ☐

Speed Limit by SSID ☐

Hidden No

Forward Mode Bridge

VLAN ID 1

Radio ☒ Radio1(2.4GHz) ☒ Radio2(5GHz)
☐ Radio3 ⊕ (2.4GHz or 5GHz)

OK Cancel

Click ⊕ to add an authentication server. A dialog box for a Radius server configuration is displayed, as shown in the following figure.

Radius Server ×

Server Name :

Server IP :

Authentication Port :

Accounting Port :

Key :

Save Cancel

Server IP, **Authentication Port**, **Accounting Port**, and **Key** can be configured for a RADIUS server. **Authentication Port** and **Accounting Port** are optional, and respectively set to the default values **1812** and **1813** if no values are entered. The jitter prevention function can be configured in 802.1x authentication mode, as shown in the SSID configuration page with **Encryption Mode** set to **WPA2-Enterprise(802.1x)**. In case of jitters: after the jitter prevention function is enabled (the jitter prevention duration range is 0–600), clients will not go offline within the duration of jitter prevention. The default jitter prevention duration of an AP is 2 seconds. Note that the jitter prevention function may not be supported in earlier AP versions. In addition, the **Advanced Settings** function is provided for 802.1x authentication. In **Advanced Settings**, the NAS IP address (available in the NAT environment) and accounting update period can be configured and the added authentication server can be managed.

Hidden: Specify whether to hide the SSID, which can be set to **Yes** or **No**.

Forward Mode: Select a forward mode of a wireless AP. **NAT** indicates that an IP address is allocated to a client by an AP; **Bridge** indicates that an IP address is allocated to a client by an AP's upstream device. A VLAN ID must be configured when the **Bridge** mode selected.

NAT Address Pool Configuration: Click the **NAT Address Pool Configuration** link to display the window.

NAT Address Pool Configuration

×

Note: 1. Only after the SSID has been configured with NAT forwarding mode, the NAT address pool configuration will be delivered to the AP.

2. If the address pool has changed, the original client must re-associate the SSID to get the new address of the address pool.

☒ Common Address Pool Configuration (Recommended)

Use the current address pool or the default address pool (192.168.23.0/24), [Click here to configure the address pool.](#) ∨

☐ NAT Roaming Address Pool Configuration (Cloud will allocate different address pools for different APs. The AP must support L3 roaming. Please select this option when all APs in the network are dual-radio APs.)

By default, it is auto allocated by server. (Range: 10.233.0.0/24-10.254.254.0/24), [Click here to customize the address pool.](#) ∨

Save

Cancel

5G-Prior Access: It is enabled when the SSID is associated with Radio 1 and Radio 2 for dual-band APs (2.4 GHz and 5 GHz) to ensure that clients supporting dual bands access the 5 GHz frequency band preferentially. This reduces the load in the 2.4 GHz frequency band and improves user experience.

Speed Limit: Specify whether to enable the rate limit function for a client. When this function is enabled, uplink and downlink rates must be configured.

Auth: Common APs support **External Portal** and **Captive Portal** authentication.

6.2.2.2 External Portal

To edit **SSID**, enable **Auth** and select **External Portal**. Enter the required information and click **OK**.

Auth ☒

Mode

Portal Server URL

Portal IP

Portal Port(Optional)

Gateway ID(Optional)

Seamless Online ☐ Enable(Available only when supported by Auth server)

Idle Client Timeout ☒ ∨ Inactive Client Auto Offline (Optional)

6.2.2.3 Captive Portal

1. On the **SSID** page, enable **Auth** and select **Captive Portal**.

SSID

WLAN ID

3

SSID

FXC

Hidden

No

Forward Mode

NAT

Encryption Mode

Open

Radio

☒ Radio1(2.4GHz)
 ☒ Radio2(5GHz)
 ☐ Radio3 (2.4GHz or 5GHz)

5G-Prior Access

☐

Speed Limit per Client

☒

Uplink

KB/s

Downlink

KB/s

Speed Limit by SSID

☐

Auth

☒

Mode

Captive Portal

OK

Cancel

2. Enable **Seamless Online** and select the portal.

Mode

Captive Portal

Seamless Online

☒

1 Day

Please select a portal or add a new portal.

jok-portal2

jok-portal

6.2.2.4 Radio

Radio

Radio1(2.4GHz)

ON/OFF

☒

Max Clients

32

Radio2(5GHz)

ON/OFF

☒

Max Clients

32

Radio3 (2.4GHz or 5GHz)

ON/OFF

☐

Max Clients

32

The Radio page enables you to configure the AP radio ports. As shown in Figure 4-4, the **Radio** page provides the **On/Off** and **Max Clients** items. Parameters on the **Radio** page are defined as follows:

On/Off: Specify whether to enable the radio function. When it is set to **Off**, the SSID is invalid; the corresponding SSID can be used properly only when this function is set to **On**.

Max Clients: Enter the upper limit of associated clients in a frequency band.

 Deletion of radio configurations indicates that the system preserves the current configurations.

6.2.2.5 Security Configuration

| Security

eWeb Settings

eWeb ☒

Password

Tip: The password to log in to the AP eWeb.

Telnet Settings

Telnet ☒

Password

Tip: The password to log in to the AP by telnet.

Client Isolation

AP-based Client Isolation (Clients on the same AP are isolated) ☐

AP&SSID-based Client Isolation (Clients on the same AP with the same SSID are isolated) ☐

Wireless Intrusion Detection ☒

DDOS Attack Detection ☐

Flooding Attack Detection ☐

AP Spoof Attack Detection ☐

Weak IV Attack Detection ☐

Attack sources will be added to the dynamic blacklist and their packets will be discarded

Clients will be in the blacklist for seconds(Optional. Range:60-86400. Default: 300)

As shown in the preceding figure, **eWeb Settings**, **Telnet Settings**, **Client Isolation**, and **Wireless Intrusion Detection** can be configured.

eWeb Settings: Enter the Web login password of an AP. When the password is empty, the system does not push the password to AP.

Telnet Settings: Enable the Telnet service of AP. When the Telnet service is enabled, the password is required.

Client Isolation: Clients are isolated without affecting their network access to ensure that they cannot communicate with each other, thereby ensuring client service security. AP-based client isolation or AP&SSID-based client isolation can be selected. If AP-based client isolation is enabled, all layer-2 clients associated with the same AP cannot communicate with each other. If AP&SSID-based client isolation is enabled, clients in the same WLAN on the same AP cannot communicate with each other.

Wireless Intrusion Attack Detection: Include DDOS attack detection, flooding attack detection, AP spoof attack detection, and weak IV attack detection. If this function is enabled, at least one of the preceding four detection functions needs to be enabled.

6.2.2.6 Advanced Settings

- AP RF Scheduling

If **AP RF Scheduling** is disabled, AP will broadcast the SSID.

AP RF Scheduling

RF Shutdown Scheduling ☐

To specify the time of turning on/off WiFi, enable **RF Shutdown Scheduling** and configure the period.

AP RF Scheduling

RF Shutdown Scheduling ☒

Period			
Start Time	<div>This day</div>	<div>23</div>	<div>00</div>
End Time	<div>Next day</div>	<div>8</div>	<div>00</div>

- Whitelist

Enter whitelisted websites, and websites that can be accessed directly without authentication. For Facebook social login, you need check on Facebook Whitelist so that clients can access Facebook API before authentication.

- CLI Command

Enter commands to be pushed to APs. This function allows you to perform some configurations unsupported via CLI commands.

6.2.3 Layout (Non-apartment Scenario)

On the Layout page, you can bind an AP to a specific location after importing it to a network.

1. Select a network.

The **Unbound Device List** on the right displays APs that have been imported to the network, but are not bound to a location.

Click

Config

Layout

to

display

the

list.

Config Layout ×

Name	Action
ssdsd	✎ ✕
re334	✎ ✕

Add Layout


Click **Add Layout** to add the local layout or map layout. The local layout can be used to bind the location of indoor APs and the map layout can be used to bind the location of outdoor APs.

Add/Edit Layout
×

Layout Name

Please enter up to 18 characters, consisting of letters, numbers and underline (_).

Layout Source
☒ Local Layout
☐ Map



Please select a picture in the format of gif, jpg, jpeg, bmp or png. The size of the picture cannot exceed 5M.

- Select an AP from in the unbound AP list and drag it to the target location.

Layout
Layout: Test




Unbound AP List

AP520(BT)	SN:G1KD14G00221B	Type:AP520(BT)
AP740-I	SN:G1KDA0T00365A	Type:AP740-I
AP130(W2)	SN:G1KDAHJ052008	Type:AP130(W2)
AP 720-I	SN:G1KQA7F002984	Type:AP720-I
ODM-AP520(W2)	SN:G1KQBJR26735A	Type:AP520(W2)
AP740-I(C)	SN:G1KQC2D010806	Type:AP740-I(C)
	SN:G1KQC2D010808	Type:
	SN:G1KQC2D010810	Type:
	SN:G1KQC2D010811	Type:

6.2.3.1 Unbind APs

AP unbinding is different from AP deletion. AP unbinding removes the binding relation between an AP and a location, but the AP still exists in the network and can be controlled. AP deletion deletes an AP from a network and the AP cannot be controlled after being deleted.

The unbinding methods are:

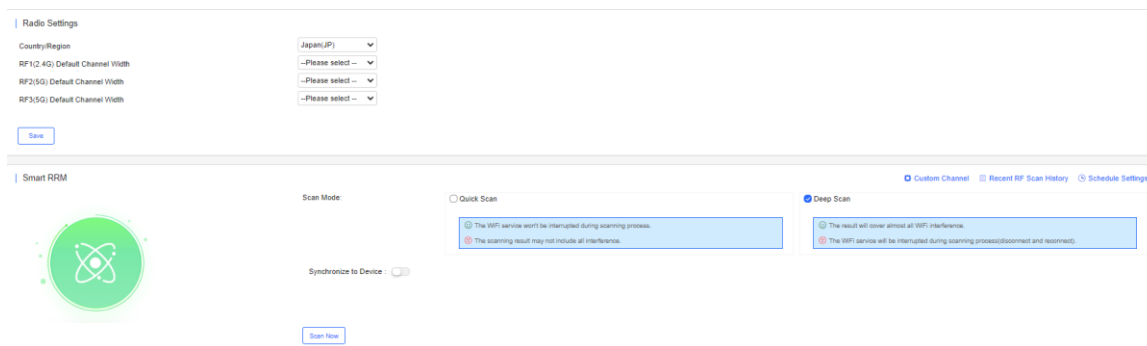
Method 1: Select an AP, and click  **Remove Device** to unbind the AP from a location. An unbound AP will then be moved from a network to its parent network.

Method 2: If a location is already bound to an AP, you can drag another AP to the location to replace the old AP.

6.2.4 Radio Planning (Non-apartment Scenario)

Radio planning can adjust channels and power of APs in a same area network to optimize the channel allocation and power of the APs. Proper RF configuration planning can reduce channel interference, increase channel utilization and improve overall wireless network performance and capacity.

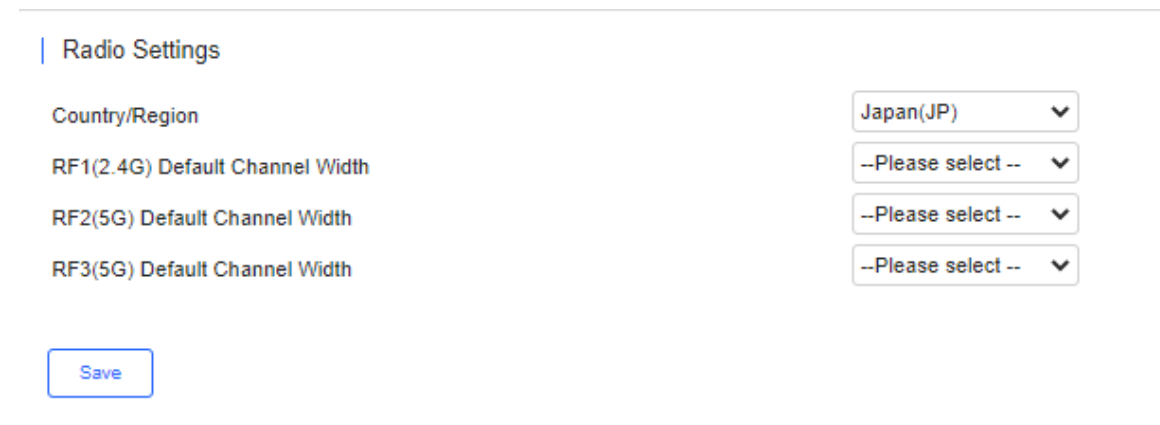
Choose **CONFIGURATION > WIRELESS > Radio Planning** to open the **Radio planning** page. Both manual and automatic planning are currently supported.



The screenshot shows the 'Radio Planning' page. The top section is 'Radio Settings' with a 'Save' button. It includes dropdowns for 'Country/Region' (Japan(JP)), 'RF1(2.4G) Default Channel Width' (Please select --), 'RF2(5G) Default Channel Width' (Please select --), and 'RF3(5G) Default Channel Width' (Please select --). The bottom section is 'Smart RRM' with a 'Scan Now' button. It features a 'Scan Mode' selector with 'Quick Scan' and 'Deep Scan' options. The 'Deep Scan' mode is selected, showing a warning: 'The result will cover almost all RF interference. The RF1 service will be interrupted during scanning process(disconnect and reconnect)'. There is also a 'Synchronize to Device' toggle switch.

6.2.4.1 Radio Settings

On the **Radio Settings** page, select the country and bandwidth.



The screenshot shows the 'Radio Settings' page. It has a 'Save' button and four dropdown menus: 'Country/Region' (Japan(JP)), 'RF1(2.4G) Default Channel Width' (Please select --), 'RF2(5G) Default Channel Width' (Please select --), and 'RF3(5G) Default Channel Width' (Please select --).

For 2.4G channels, the bandwidth can be 20 or 40 MHz. For 5G channels, the bandwidth can be 20, 40, 80, or 160 MHz.

6.2.4.2 Smart RRM

The automatic RF planning function allows the cloud to calculate the optimal channel configurations and power values for APs by using the radio resource management (RRM) algorithm according to RF information collected by each AP. Optimal recommended configurations can be applied to the APs.

The entire process of the automatic RF planning includes three parts:

1. The cloud triggers APs to scan and upload RF information.

2. The cloud calculates the optimal recommended configurations.
3. The optimal recommended configurations are applied to the APs.

The automatic RF planning supports network-based planning only.

The AP RF channel optimization algorithm staggers RF channels of neighboring APs respectively based on the 2.4 GHz frequency band and the 5 GHz frequency band while ensuring as much as possible that original configurations are unchanged. To reach optimal power, The AP power optimization algorithm automatically increases or decreases the RF power for an AP according to the co-channel interference.

After a network is selected on the RF planning page, a page for automatic RF scanning and planning of the network is displayed. On this page, the APs of a network can be triggered to scan the RF, display recommended RF configurations calculated after scanning, and save the recommended RF configurations to APs.

[Smart RRM](#) > Recent RF Scan History

Triggered at	RRM Analysis at	Updated at	Scan Mode	Status	Apply	Task	Result	Action
No Data								
<div> First Previous Page 0 of 0 Next Last </div> <div>10 0 in total</div>								

The **Recent RF Scan History** page displays historical records of automatic RF scanning and planning. Each record shows triggering information got each time, including the automatic RF planning status, the start time, the end time, the status (Initializing/Scanning/RRM analysis/Finish/Failure), whether to apply to the APs, and the running logs.

Smart RRM

[Smart RRM](#)

Scan Mode: ☐ Quick Scan ☒ Deep Scan

Synchronize to Device: ☐

[Scan Now](#)

[Custom Channel](#) [Recent RF Scan History](#) [Schedule Settings](#)

Quick Scan

- The WiFi service won't be interrupted during scanning process.
- The scanning result may not include all interference.

Deep Scan

- The result will cover almost all WiFi interference.
- The WiFi service will be interrupted during scanning process(disconnect and reconnect).

There are two execution modes: immediate and periodic. Click **Scan Now**, and the cloud triggers RF scanning. Data will be uploaded after scanning.

Schedule Settings

[Smart RRM](#) > Schedule Settings

Status: ☒ On ☐ Off

Scan Mode: ☐ Quick Scan ☒ Deep Scan

Time: 00:00

☐ Monday ☐ Tuesday ☐ Wednesday ☐ Thursday ☐ Friday ☐ Saturday ☐ Sunday

Synchronize to Device: ☒

Action: [Synchronize recommended channel](#)

[Save](#)

Quick Scan

- The WiFi service won't be interrupted during scanning process.
- The scanning result may not include all interference.

Deep Scan

- The result will cover almost all WiFi interference.
- The WiFi service will be interrupted during scanning process(disconnect and reconnect).

On the **Schedule Settings** page, **Periodic Execution** can be enabled.

i When a periodic task is triggered, this periodic task is automatically canceled if the network is already in a scanning triggered state (for example, immediate execution is being triggered).

Related parameters

(1) Scan Mode

Scan Mode: ☐ Quick Scan ☒ Deep Scan

Quick Scan

- The WiFi service won't be interrupted during scanning process.
- The scanning result may not include all interference.

Deep Scan

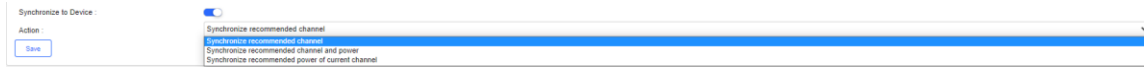
- The result will cover almost all WiFi interference.
- The WiFi service will be interrupted during scanning process(disconnect and reconnect).

Quick Scan: This mode enables APs to provide the WiFi service properly during scanning. However, data acquired in this mode is not as accurate as that in the **Deep Scan** mode. The calculation result based on the data in this mode is less

accurate than that in the **Deep Scan** mode. This mode is applied when it is expected that the current network is not affected.

Deep Scan: This mode is also referred to as the enhanced mode, and causes wireless clients to go offline at the beginning and ending of the scanning. Data acquired in this mode is more accurate than that in the **Quick Scan** mode, and the automatic RF planning based on the data is more accurate. This mode shall be applied at the initial stage of the overall network planning or when disadvantages of this mode are tolerable.

(2) Synchronize to Device



If this function is enabled, the RF scanning result will be automatically pushed to the AP. In this case, skip step 3.

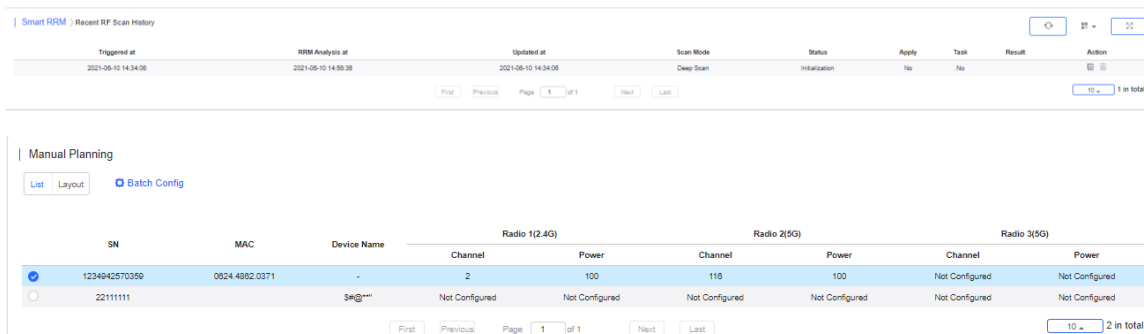
(3) Manually push the RF optimization results (synchronize the RF configurations to the APs).

Skip this step if **Synchronize to Device** is enabled.

After the status in the record of the triggered RF planning displays **Finish**, check the planning results, and synchronize the recommended automatic planning RF configurations to the APs.

It allows you to directly view RF optimization results, and directly push the optimized configurations to APs of a network, without relying on the location planning. It is convenient and suitable for fast deployment, and can be used when the APs have no location planning or are not bound.

(1) Click **Recent RF Scan History** in the list to display the automatic RF planning result list of the APs.



In the RF optimization result list of the APs, **Recommended Power of Current Channel** indicates a recommended power value for the current channel. **Recommended Power of Recommended Channel** indicates a recommended power value for the recommended channel. It is calculated based on the recommended channel, and is configured together with the recommended channel.

(2) Click **Sync Latest Config To AP** in the trigger record, and select a mode to push the recommended optimization configurations to the corresponding APs.

Three modes are available: pushing the recommended channel configurations, pushing the recommended power configurations of the current channel, and pushing the recommended power configurations of the recommended channel. Any of the three modes can be selected as required.



If an AP has been bound to a location and has been synchronized with RF configurations of the location. This operation will remove the RF synchronization between the location and the AP, and push the selected recommended optimization configurations to the AP.

6.2.4.3 Manual Planning

Click a network on the left to open the manual RF planning page. The **Radio Select** drop-down list above the diagram lets you select an RF type (2.4 GHz/5 GHz) to display. The number inside the location icon indicates the current channel, and a range displayed when the cursor stays on the location icon indicates a power percentage.

i The RF channel or power data is not displayed during configuration.

You can click a location icon to display the RF channel and power configurations on the right. If the location is bound to an AP, the SN of the bound AP is also displayed.

Manual Planning

List [Layout](#) Layout: Radio Select: [Batch Config](#)



Configure Detail

SN: G1KD14GC00081
Country: China(CN)

- Radio 1(2.4Ghz)**
Channel:
TX Power: %
- Radio 2(5Ghz)**
Channel:
TX Power: %
- Radio 3(5Ghz)**
Channel:
TX Power: %

To perform manual RF planning:

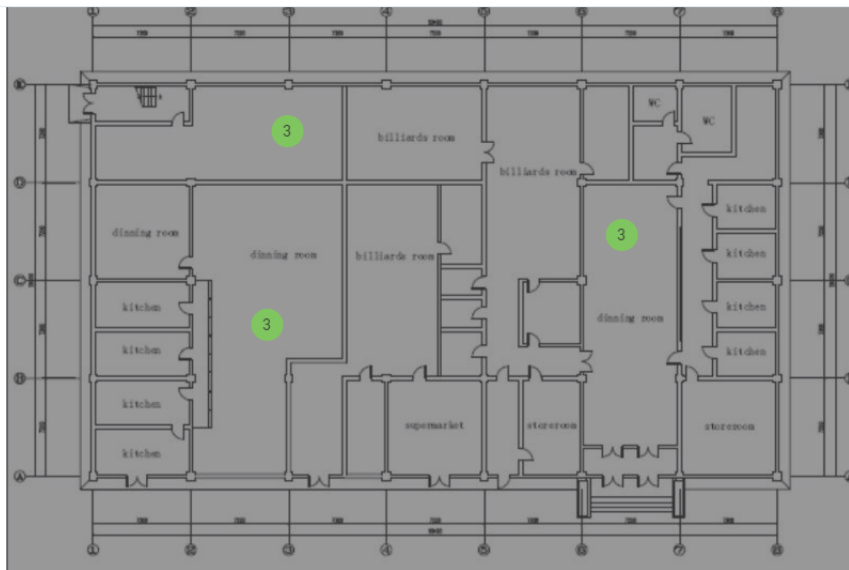
1. Set the RF configurations of a location in one of the following ways:

- Configure one location

Click a location icon, enter configurations on the right, and click **Apply**.

Manual Planning

List **Layout** Layout: Local_Layout Radio Select: 2.4G [Batch Config](#)



Configure Detail

SN: G1KD14GC00081

Country: China(CN)

• Radio 1(2.4Ghz)

Channel:

3

TX Power:

100

%

• Radio 2(5Ghz)

Channel:

149

TX Power:

100

%

• Radio 3(5Ghz)

Channel:

Not Configured

TX Power:

%

● Configure locations in batches

This function is used to configure the RF channel and power for a large batch of locations, and is suitable for a scenario with many locations on a network.



Click [Batch Config](#) above the location diagram to uniformly configure the power percentage for all locations on a network.

Batch Config ✕

Radio: Radio 1(2.4G) ▼

Power: %


[Save](#) [Close](#)


2. Synchronize the RF configurations of the location to a bound AP.



Click [Apply](#) above the location diagram to synchronize the RF configurations of the corresponding location to the bound AP.

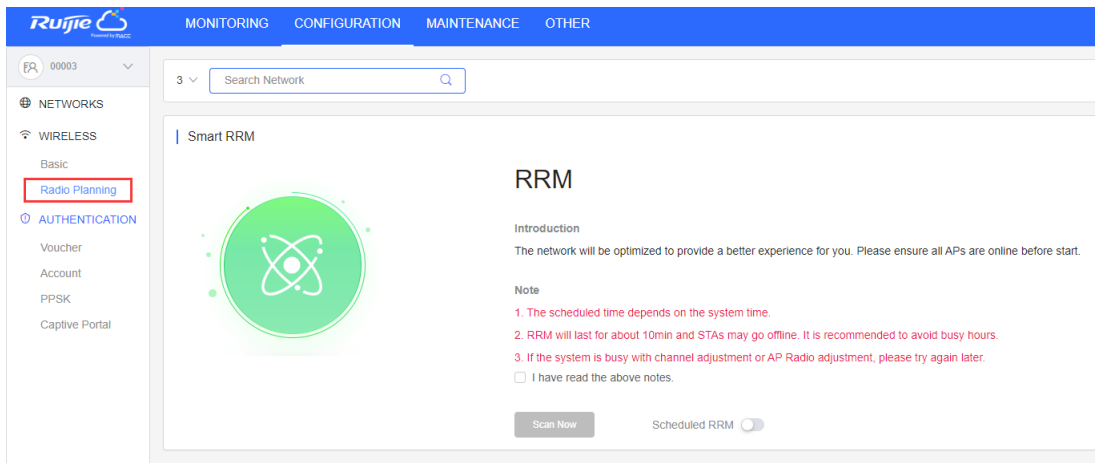
Batch operations for multiple locations can be select before clicking [Apply](#) .

After the synchronization is successful,  is displayed in the lower right corner. At this point, the configurations of the location are synchronized to the bound AP.

 If an unbind or bind operation is performed, RF configurations are removed from or synchronized to the AP.

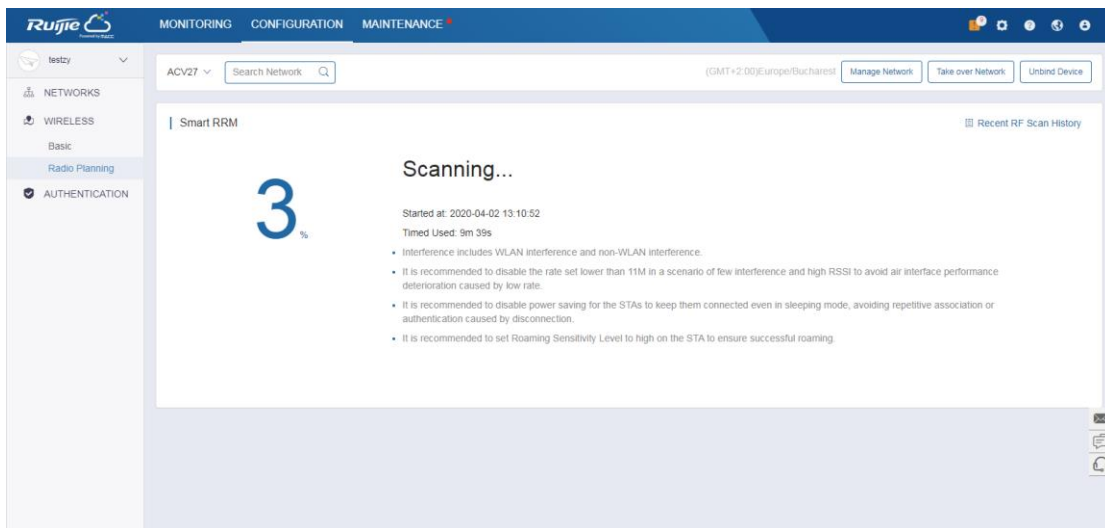
6.2.4.4 AC Smart RRM

In the AC network, click **Radio Planning** to open the **Smart RRM** page.



Scan Now

Check the note, click **Scan Now** to start RRM. The whole process takes about 10 to 15 minutes.



Tip: Latest optimized at: 2020-04-03 04:20:01 , Optimized APs: 2 , Improved Efficiency: 6.06%

AP Alias	Radio	Channel(Before/After)	Bandwidth (Before/After)	Power (Before/After)	Co-channel Interferences (Before/After)	Adjacent-channel Interferences (Before/After)
0074.9ca8.2d3a	2	64 / 44	40	16 / 25	-	0
0074.9cbd.ad76	2	64	40	40 / 63	-	0
0074.9ca8.2d3a	1	11	20	16	-	4
0074.9cbd.ad76	1	11	20	20	-	7

Enable **Scheduled RRM** to configure the time, and RRM will start at the set time.

RRM

Introduction
The network will be optimized at the scheduled time. Please ensure all APs are online before start.

Note

1. The scheduled time depends on the system time.
2. RRM will last for about 10min and STAs may go offline. It is recommended to avoid busy hours.
3. If the system is busy with channel adjustment or AP Radio adjustment, please try again later.

☒ I have read the above notes.

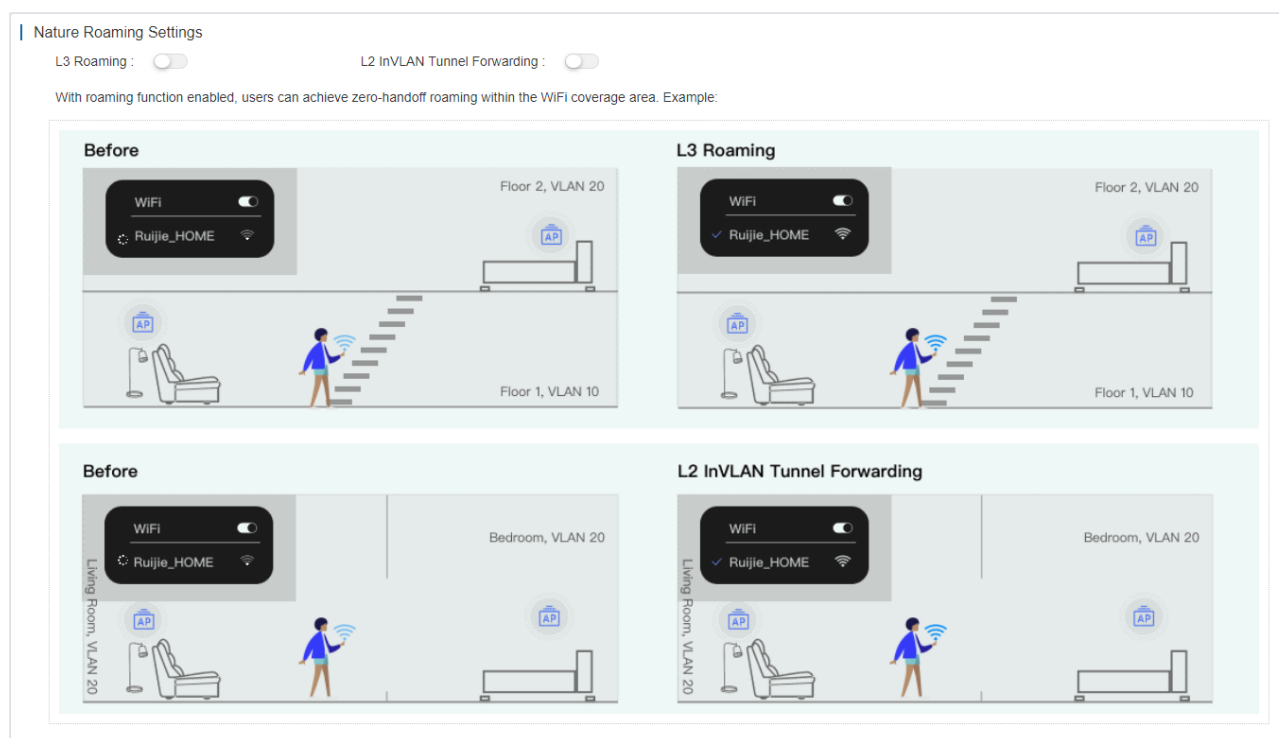
Scheduled RRM ☒

6.2.5 Roaming (Non-apartment Scenario)

Roaming planning refers to enabling network-based roaming.

L3 Roaming: Specify whether to enable Layer3 Roaming. It is enabled by default.

L2 InVLAN Tunnel Forwarding: Specify whether to enable Layer2 Roaming. It is enabled by default.



i For wireless roaming, SSID signals must be consistent; otherwise, roaming may fail.

6.2.6 Bluetooth (Non-apartment Scenario)

You can batch import, add, change and delete the Bluetooth configuration.

Device Info

Device SN	Status	UUID	Major	Minor	Network	AP Alias	Action
No Data							

Bluetooth configuration import

Click **Import**. The **Import** dialog box is displayed. For initial use, you can click **Download Template** in the lower right corner to download an EXCEL file corresponding to APs in the current network and set corresponding parameters in the file. Requirements for the **UUID**, **Major**, and **Minor** parameters are:

UUID: Enter a string of 32 characters in hexadecimal format.


Major: Enter a string of 4 characters in hexadecimal format.

Minor: Enter a string of 4 characters in hexadecimal format.

Import

×

Please download the template and enter the Bluetooth configuration before uploading the template. Up to 200 records can be imported



".xls" File

Download Template

Cancel

After the parameters in the EXCEL file are configured, click **'.xls' File** to import the file. A prompt will be displayed if an exception occurs during the import.

- Bluetooth configuration adding for a single AP

Bluetooth

×

Device SN :

*

Status :

☐

UUID :

*

Major :

*

Minor :


*

Save

Close

Click **Add**. The **Bluetooth** dialog box is displayed, as shown in the preceding figure. Specify the parameters as required to add a Bluetooth configuration for one AP and click **Save**. If a Bluetooth configuration is already configured for the AP, the existing Bluetooth configuration will be updated.

- Bluetooth configuration modification for a single AP

Click the  icon. The **Bluetooth** dialog box is displayed, as shown in the preceding figure. Modify the required parameters and click **Save**.

6.3 Authentication

6.3.1 Voucher

6.3.1.1 Voucher Authentication

Voucher authentication on Ruijie Cloud allows you to charge users for wireless network access using access codes. Concurrent users, time period and data quota limit can be customized and offered to your guests.

6.3.1.2 Configuration Steps

1. Enable **Voucher** function in the **Captive Portal** mode of **SSID** under the corresponding network.
2. Select **CONFIGURATION > AUTHENTICATION > Voucher**.
3. Select **Manage Package > Add Package** to define a voucher type for your guests.

4. Click **OK** to go back to the **Voucher** page and click **Print Voucher**.

Voucher

Print Voucher Manage Package More

Total Vouchers 61 Activated Vouchers 0 Depleted Vouchers 0

Voucher Code, Alias, Package Name, MAC

	Voucher Code	Alias	Package Name	Price	Period	Created at	Expired at	Devices	Bind MAC	Data Usage	Download Speed	Upload Speed	Status
<input type="checkbox"/>	c40tgi	-	ess	-	30 Minutes	2021-05-08 22:00:30	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activated
<input type="checkbox"/>	fozned	1	ess	-	30 Minutes	2021-05-08 22:00:20	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activated
<input type="checkbox"/>	4agmru	1	ess	-	30 Minutes	2021-05-08 19:51:42	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activated
<input type="checkbox"/>	z7bf4p	-	ess	-	30 Minutes	2021-05-08 19:51:22	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activated
<input type="checkbox"/>	zardfm	-	ess	-	30 Minutes	2021-05-08 19:51:22	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activated
<input type="checkbox"/>	45dima	-	ess	-	30 Minutes	2021-05-08 19:51:22	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activated
<input type="checkbox"/>	g9uDu	-	ess	-	30 Minutes	2021-05-08 19:51:22	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activated
<input type="checkbox"/>	q02gf	-	ess	-	30 Minutes	2021-05-08 19:51:22	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activated
<input type="checkbox"/>	qnd3so	-	ess	-	30 Minutes	2021-05-08 19:51:22	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activated
<input type="checkbox"/>	stogoe	-	ess	-	30 Minutes	2021-05-08 19:51:22	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activated

First Previous Page 1 of 7 Next Last

61 in total

5. Select the way you want to print voucher codes and enter the quantity if you select **Multiple Vouchers**.

Voucher > Print Voucher

Single Voucher
Multiple Vouchers
Reprint Voucher

Alias: test1
Package: eee
Print Method: Print in 1 Column (A4)
Print

Description: -
Price: -
Concurrent Devices: 3
Bind MAC: No
Period: 30 Minutes
Data Quota: 100 MB
Download Speed: Unlimited
Upload Speed: Unlimited

6. Click the **Print** button.

6.3.1.3 Bind/Unbind MAC

If **Bind MAC** is enabled for the package, the voucher code used by a device will be bound with its MAC address. The number of bound MAC can be set in **Max Concurrent Devices**. When the **Status** is **Activated** or **Depleted**, you can click



in the **Bind MAC** column to unbind MAC addresses.

Voucher

Print Voucher Manage Package ID View Total Vouchers: 61 Activated Vouchers: 0 Depleted Vouchers: 0

Voucher Code, Alias, Package Name, MAC

Voucher Code	Alias	Package Name	Price	Period	Created at	Expired at	Devices	Bind MAC	Data Usage	Download Speed	Upload Speed	Status
48tqgt	-	eee	-	30 Minutes	2021-05-08 20:00:30	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activated
49uqsd	1	eee	-	30 Minutes	2021-05-08 20:00:20	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activated
49amtv	1	eee	-	30 Minutes	2021-05-08 19:51:42	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activated
4746uk	-	eee	-	30 Minutes	2021-05-08 19:51:22	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activated
49d6m	-	eee	-	30 Minutes	2021-05-08 19:51:22	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activated
456lme	-	eee	-	30 Minutes	2021-05-08 19:51:22	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activated
49q3u	-	eee	-	30 Minutes	2021-05-08 19:51:22	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activated
4922gf	-	eee	-	30 Minutes	2021-05-08 19:51:22	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activated
49d3ao	-	eee	-	30 Minutes	2021-05-08 19:51:22	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activated
494qee	-	eee	-	30 Minutes	2021-05-08 19:51:22	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activated

First Previous Page 1 of 7 Next Last 61 in total

Bound MAC Address List

MAC	Bound at	Total Online Time	Total Traffic	Action
acc1.ee5f.4429	2019-07-04 18:47:49	2d 21h 51m 0s	24.08M	-

First Previous Page 1 of 1 Next Last 10 1 in total

6.3.2 Account

6.3.2.1 Account Authentication

Account authentication requires the valid account and password. Concurrent users, time period and data quota limit can be customized and offered to your guests.

6.3.2.2 Configuration Steps

1. Enable **Captive Portal** in the **SSID** page, and select a template with Account Authentication.
2. Select **CONFIGURATION > AUTHENTICATION > Account**.
3. Select **Manage Package > Add Profile** to define an account type for your guests.

Add Profile



Profile Name

Description

Concurrent Devices

Period

Data Quota

Download Speed

Upload Speed

OK

Cancel

4. Click **OK** to go back to the **Account** page and click **Add Account**.

Account												
<div> Add Account Manage Profile More </div> <div> Total Account: 4 Activated Accounts: 0 Depleted Accounts: 0 </div>												
Account	Alias	Password	Profile Name	Period	Created at	Expired at	Devices	Data Usage	Download Speed	Upload Speed	Status	Action
<input type="checkbox"/> p_account00	yyyyy12	*****	1212	30 Minutes	2021-04-12 17:45:20	-	0/3	0 MB/100 MB	Unlimited	Unlimited	Not Activated	
<input type="checkbox"/> p_account03	yyyyy15	*****	1212	30 Minutes	2021-04-12 17:45:20	-	0/3	0 MB/100 MB	Unlimited	Unlimited	Not Activated	
<input type="checkbox"/> p_account21	yyyyy13	*****	1212	30 Minutes	2021-04-12 17:45:20	-	0/3	0 MB/100 MB	Unlimited	Unlimited	Not Activated	
<input type="checkbox"/> p_account02	yyyyy14	*****	1212	30 Minutes	2021-04-12 17:45:20	-	0/3	0 MB/100 MB	Unlimited	Unlimited	Not Activated	

5. Enter the account and password, select the package, and click **Save**.

Add Account



Account

Password

Profile

Alias

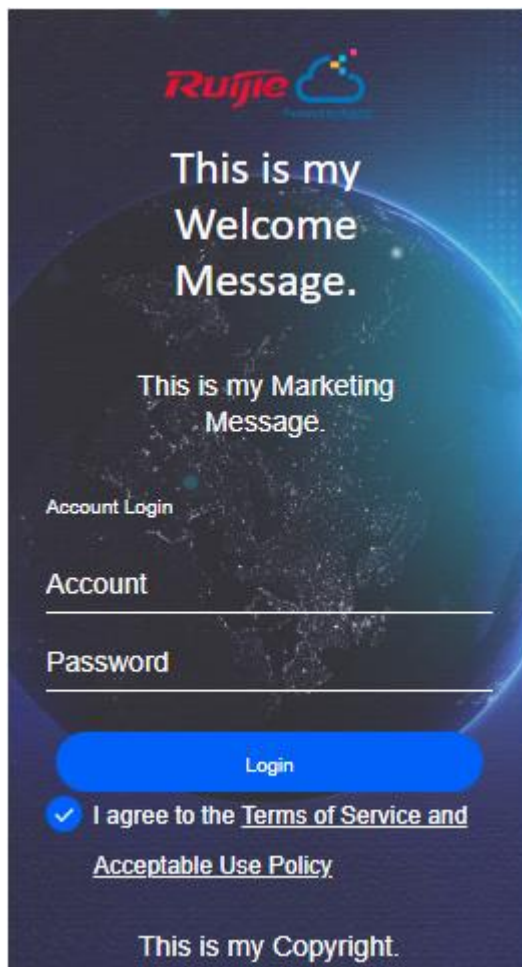
Description: 1
 Max Concurrent Devices: 3
 Period: 30 Minutes
 Data Quota: 100 MB
 Download Speed: Unlimited
 Upload Speed: Unlimited

Batch Import

Save

Cancel

6. Connect to the SSID, select **Account Login** in the pop-up page, enter the account and password created in the last step, and click **Login**.




6.3.3 PPSK

6.3.3.1 PPSK Authentication

PPSK combines the advantages of PSK and 802.1x. It prevents the network from being stolen. Each terminal device is bound with a unique WiFi account and key so that the key will not be shared. This can also be called “One Client, One Password”.

1. The main tasks of the PPSK administrator:
 - Log in to Ruijie Cloud and deploy the network, so that APs can access the Ruijie Cloud.
 - Set the authentication mode of SSID to PPSK (the administrator can configure it directly).
 - On the **PPSK Configuration** page, an enterprise can enable the PPSK function and choose the network.
 - Open account for staffs in batch.
2. Staffs can connect to the SSID with a unique WiFi key allocated by the administrator and access the Internet.

6.3.3.2 Configuration Steps

1. Choose **CONFIGURATION > WIRELESS > Basic**, click  beside **SSID**, and set the **Encryption Mode** as **PPSK**.

SSID ×

WLAN ID 2

SSID myWIFI

Encryption Mode PPSK

Hidden No

Forward Mode Bridge

VLAN ID 1

Radio ☒ Radio1(2.4GHz) ☒ Radio2(5GHz)
☐ Radio3 (2.4GHz or 5GHz)

5G-Prior Access ☐

Speed Limit per Client ☐

Speed Limit by SSID ☐

Auth ☐

Tip: There are Reyee devices in the network. The "Speed Limit per Client", "Speed Limit by SSID", "Auth" function is not supported on the Reyee device.


OK

Cancel

- Choose **CONFIGURATION > AUTHENTICATION > PPSK**.
- Click **Add Account** to batch import or manually add new accounts.

Add Account ×

Download and fill in the template.Up to 500 records can be imported



".xls" File

Download Template

Add Account

Close

- Click the view button on the **Action** column of the PPSK list to check **PPSK Sync Log**.

PPSK Synchronize Log ×

● Synced: 0

● Syncing: 2

● Unsupported: 0

● Failed: 0

SN	Status	Update Time
212121111111	NEVER_ONLINE	2021-01-18 10:27:38
6666666123123	NEVER_ONLINE	2021-01-18 10:57:28

First

Previous

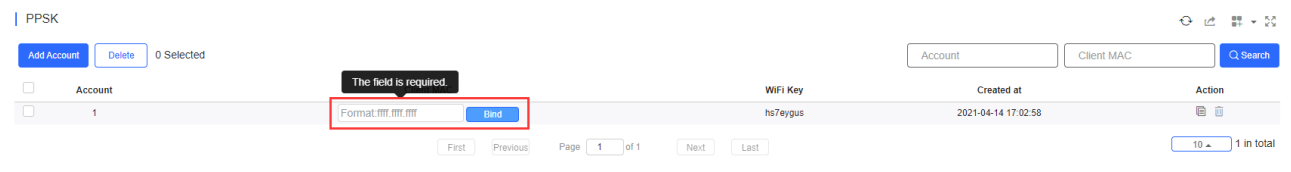
Page 1 of 1

Next

Last

10 2 in total

5. Bind MAC address for accounts in the PPSK list.



6.3.4 Captive Portal

Select **CONFIGURATION > AUTHENTICATION > Captive Portal** to display the **Captive Portal** page, and select a network on the top to filter captive portals.

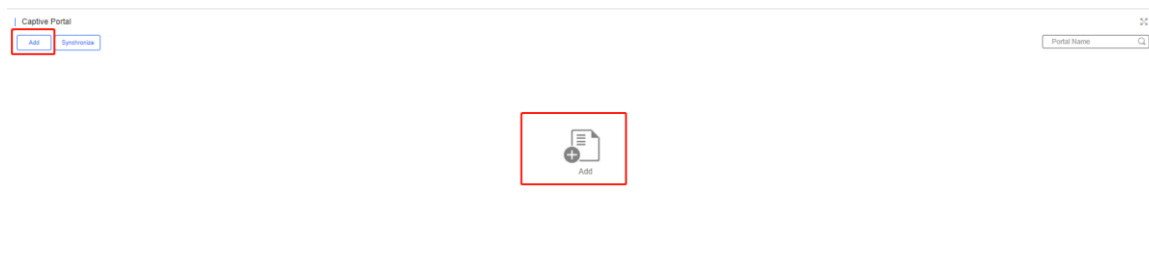
When **Captive Portal** is enabled, SSID can associate with the templates. You can manage templates under a network, but only use or associate templates under a sub-network.


6.3.4.1 Captive Portal List



The list displays all captive portal templates, including thumbnails, name, association status, creation time and description.

● Add Captive Portal



Click  or [Add](#) to open the **Add Captive Portal** page. Enter name, description and post login URL, and select login options. After **Status Balance Page** is enabled, you can check your balance information after login.

Name

Description

Login Options ☒ One-click Login ☐ Voucher ☐ Account

Access Duration (Min)

Show Balance Page ☐

Post-login URL

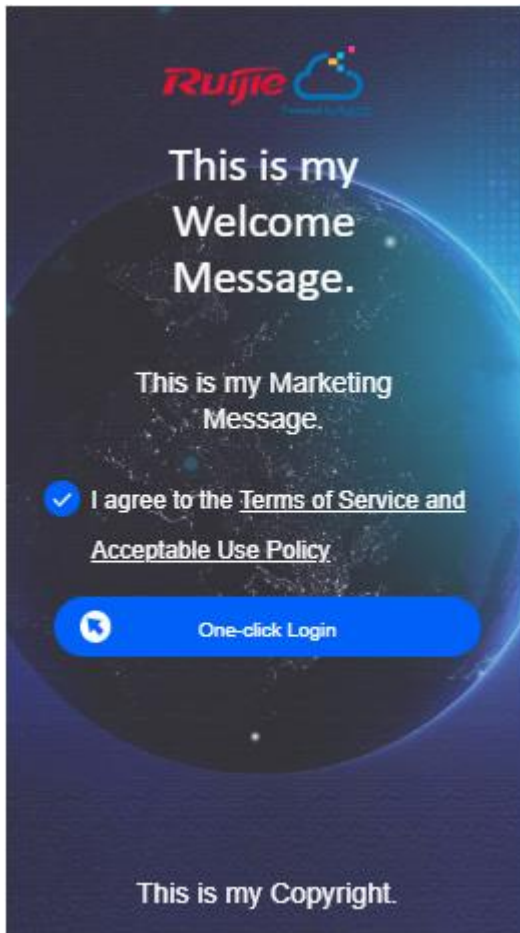
There are four login options: **One-click Login**, **Voucher**, and **Account**.

One-Click Login: You can set **Access Duration** and **Access Times Per Day**.

Login Options ☒ One-click Login ☐ Voucher ☐ Account

Access Duration (Min)	<input type="text" value="60"/>
Access Times Per Day	<input type="text" value="Unlimited"/>

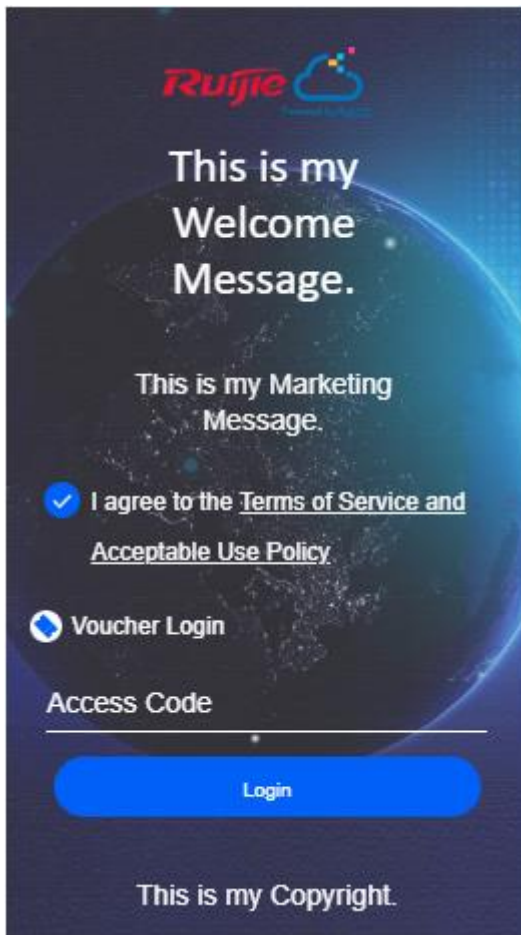
The page for One-click Login:



Voucher: You can log in with the voucher code.

Login Options ☐ One-click Login ☒ Voucher ☐ Account


The page for Voucher:



Account: You can log in with the account and password.

Login Options ☐ One-click Login ☐ Voucher ☒ Account


The page for Account:




This is my
Welcome
Message.

This is my Marketing
Message.

☒ I agree to the [Terms of Service and](#)
[Acceptable Use Policy](#)

 Account Login


Account

Password 

Login

This is my Copyright.


You can also select multiple login options. The page for One-click Login, Voucher, and Account Login:




Voucher Login

Access Code

Login

 One-click Login

 Account Login

● Portal Page

You can customize the content and style of the login page. The previews on the mobile phone and PC are displayed on the right.

Note: Each type of authentication supports a maximum of three languages. During authentication, users can select a language switching icon in the upper right corner of the authentication page to switch the language.

Portal Page ⓘ

Basic Advanced

Logo Picture ⓘ Default Logo Upload

Background ☒ Image ☐ Solid Color

Background Image ⓘ Default Image Upload

Languages English X +

Welcome Message ☒ Text ☐ Image

Text 60 characters remaining

Marketing Message 60 characters remaining

Terms & Conditions

Copyright 60 characters remaining

OK Cancel

Mobile Desktop Reset Style

Voucher Login

Access Code

Login

One-click Login

Account Login

Note: This is only a preview image. The actual effects vary with devices at different resolutions.

Portal Page ⓘ

Basic Advanced

Logo Picture ⓘ Default Logo Upload

Background ☒ Image ☐ Solid Color

Background Image ⓘ Default Image Upload

Languages English X +

Welcome Message ☒ Text ☐ Image

Text 60 characters remaining

Marketing Message 60 characters remaining

Terms & Conditions

Copyright 60 characters remaining

OK Cancel

Mobile Desktop Reset Style

Voucher Login

Access Code

Login

One-click Login

Account Login

Note: This is only a preview image. The actual effects vary with devices at different resolutions.

In the **Basic** tab, set the logo picture, background color or image, welcome message, marketing message, terms & conditions and copyright.

Portal Page ?

Basic Advanced

Logo Picture ? Default Logo Upload

Background ☒ Image ☐ Solid Color

Background Image ? Default Image Upload

Languages English x +

Welcome Message ☒ Text ☐ Image

Text 60 characters remaining

Marketing Message 60 characters remaining

Terms & Conditions

Copyright 60 characters remaining

Mobile Desktop Reset Style

Voucher Login

Access Code

Login

One-click Login

Account Login

Note: This is only a preview image. The actual effects vary with devices at different resolutions.

In the **Advanced** tab, set the Logo position, background mask color/opacity, text color/size. Click **Reset Style** to restore the default style.

Portal Page ?

Basic Advanced

Logo Position Upper

Background Mask Color #a2a2a2

Background Mask Opacity 30

Welcome Message Text Color #ffffff

Welcome Message Text Size 24

Button Color #0066ff

Button Text Color #ffffff

Link Color #ffffff

Text Color in Box #ffffff

Mobile Desktop Reset Style

Voucher Login

Access Code

Login

One-click Login

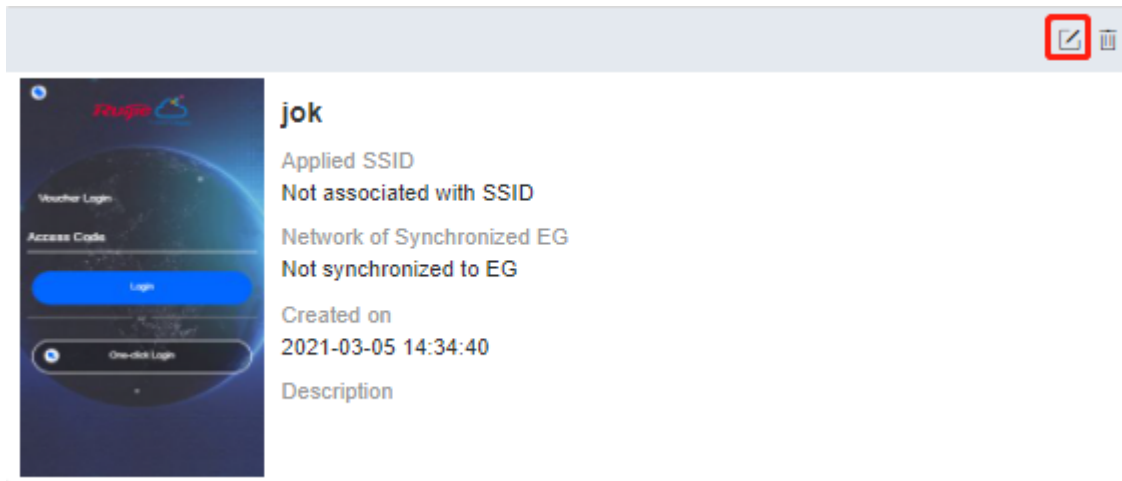
Account Login



Note: This is only a preview image. The actual effects vary with devices at different resolutions.

OK Cancel

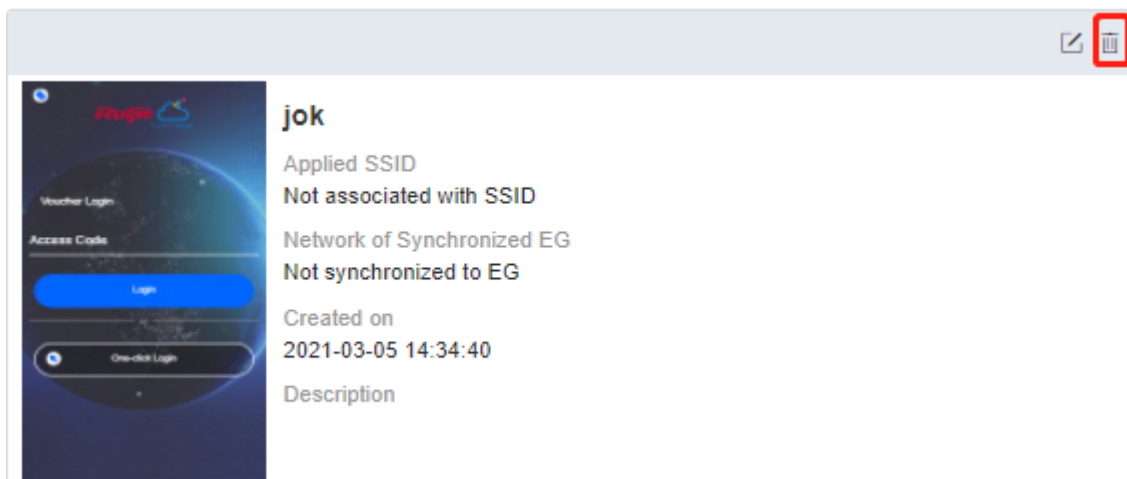
Click **OK** on the bottom to save.



6.3.4.2 Edit Captive Portal

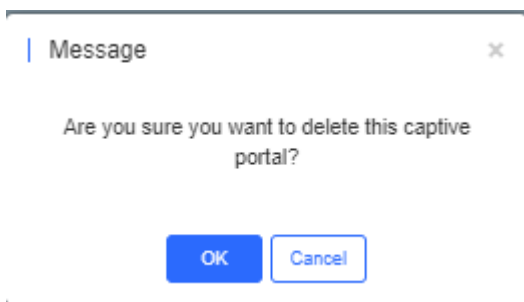


Click  to edit a template, and click  to save.

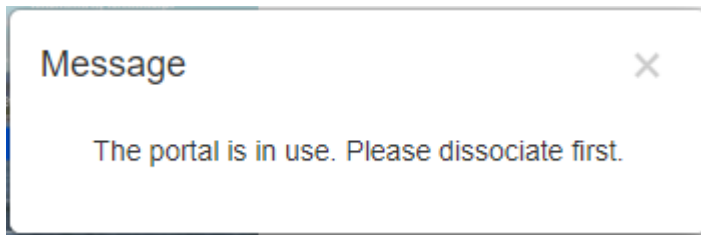
6.3.4.3 Delete Captive Portal



Click  and then click  in the confirmation window to delete a template.



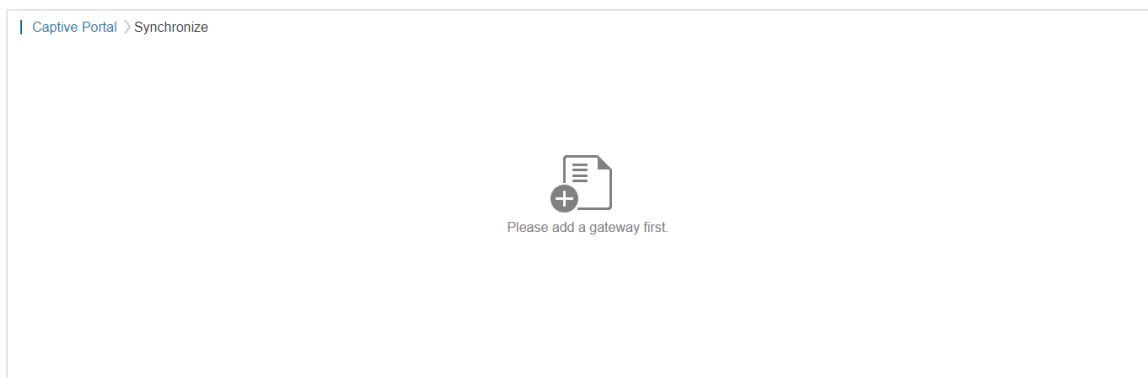
If the template is associated to an SSID or applied to the EG, then you need to dissociate it before delete.



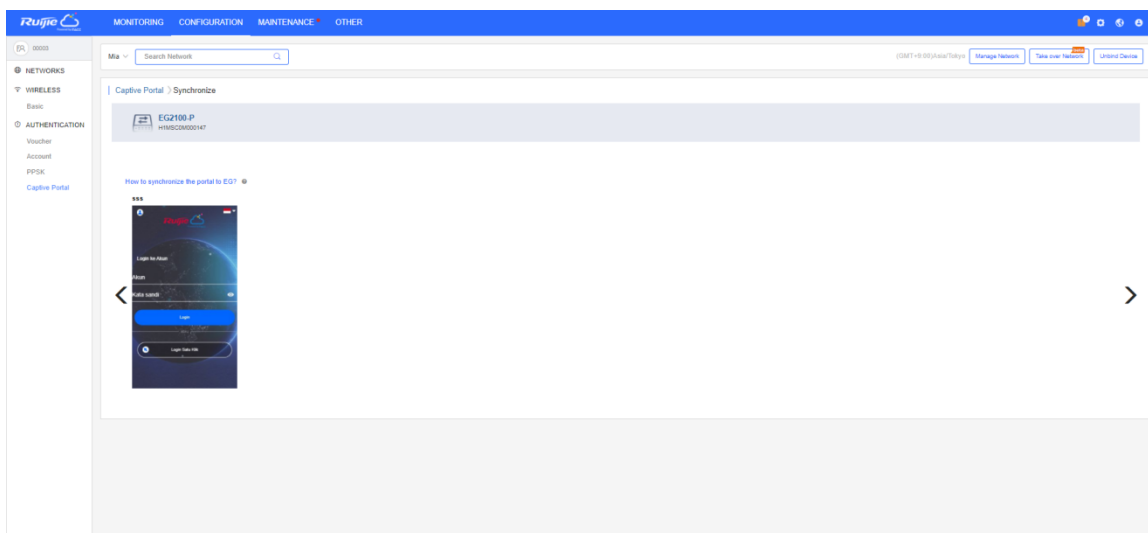
6.3.4.4 Apply to EG

Click [Synchronize](#) to synchronize the captive portal template to the EG.


If no EG exists in the current network, you can click  to jump to the **MONITORING > DEVICE > Gateway** page.



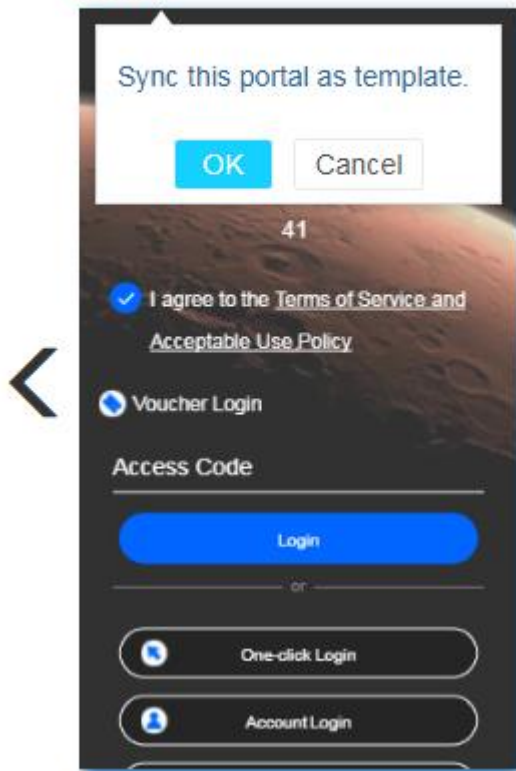
If there is an EG in the current network, the page is displayed as below:



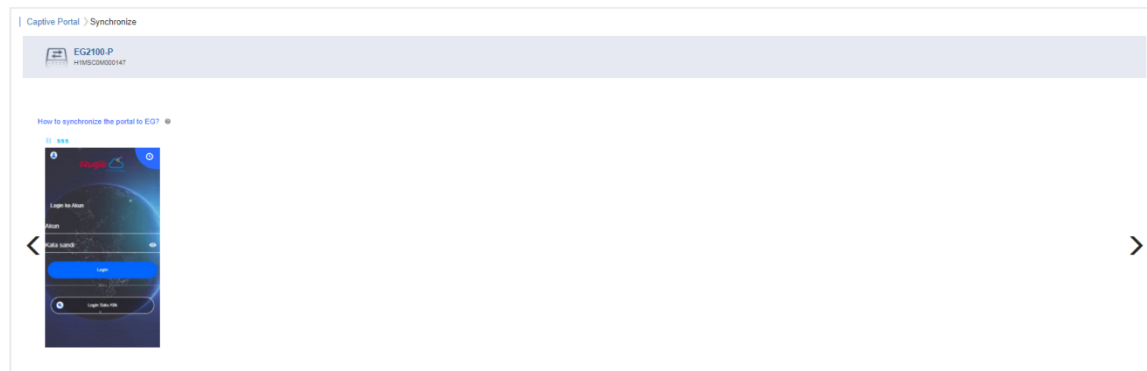
Only one template can be synchronized to an EG. Select a template and click [OK](#).

Synchronize 1 portal to the gateway.  [U](#)

0925-1



After the template is applied, the date of last synchronization will be displayed above.



7 Maintenance




The **Maintenance** module mainly provides the following functional services:

- LOGS
- UPGRADE











7.1 Logs

7.1.1 Operation Log

This page shows operation logs.


Operation Log   

Started at Ended at [Q Search](#)

Time	Operator	Type	Description	Result	Result Description	Action
1-04-14 16 03 01	testdemo	PPSK	Add PPSK account [1] to group [test].	Success	OK	
1-04-14 15 59 39	testdemo	Voucher	Add a package to group [test]: Package Name [1], Description [1], Price [3], Max Concurrent Devices [No], Bind MAC [30 Minutes], Period [100 MB], Data Quota [Unlimited], Max Download Rate [Unlimited], Max Upload Rate [10].	Success	OK	
1-04-14 15 57 23	testdemo	Voucher	Print a voucher of group [test]: Voucher Code [7ssx6z], Name/Ref [1], Package Name [1], Print Method [PRINT (A4) ONE COLUMN].	Success	OK	
1-04-14 15 56 35	testdemo	Voucher	Add a package to group [test]: Package Name [1], Description [1], Price [1.00], Max Concurrent Devices [3], Bind MAC [Yes], Period [30 Minutes], Data Quota [100 MB], Max Download Rate [Unlimited], Max Upload Rate [Unlimited].	Success	OK	
1-04-14 15 44 56	testdemo	Login	Log in successfully	Success	OK	
1-04-14 14 42 41	testdemo	Login	Log in successfully	Success	OK	
1-04-14 14 35 01	testdemo	Login	Log in successfully	Success	OK	
1-04-14 13 39 46	testdemo	Login	Log in successfully	Success	OK	
1-04-14 11 39 06	testdemo	Config	[Device: 1234942570071:Web service switch: [Power O...]	Success	OK	
1-04-14 11 38 51	testdemo	Config	[Device: 1234942570071:Web service switch: [Power O...]	Success	OK	

First Previous Page 1 of 183 Next Last

10 1822 in total

Click  to check log details.

General operation log details are shown as follows:

Message Details



Time : 2017-10-25 17:52:50

User : hill

Type : Login

Description : Log in successfully

Result : Success

Result Description : OK.

7.1.2 Config Log

7.1.2.1 Action View

When the device configuration is imported, a prompt will pop up. Click the prompt to open the log page and export the SSID result.

MACC Config Log

LOGS

- Operation Log
- Config Log**
- Upgrade Log

UPGRADE

- Upgrade
- Firmware

Config Log

Action View Device View

Action View

Status	Operation Type	Started at	Ended at	Devices
Complete	Update full SSID	2021-02-16 17:54:21	2021-02-16 17:54:21	Total/Offline/Not Online Yet: 3/0/3
Complete	Update full SSID	2021-02-16 16:21:39	-	Total/Offline/Not Online Yet: 0/0/0
Complete	Update full SSID	2021-02-16 16:20:06	2021-02-16 16:20:06	Total/Offline/Not Online Yet: 2/0/2
Complete	Update full SSID	2021-02-15 15:55:54	2021-02-15 15:55:54	Total/Offline/Not Online Yet: 2/0/2
Complete	Update template	2021-02-15 15:55:05	2021-02-15 15:55:05	Total/Offline/Not Online Yet: 0/0/0
Complete	Update template	2021-02-15 15:55:05	2021-02-15 15:55:05	Total/Offline/Not Online Yet: 0/0/0
Complete	Update template	2021-02-15 15:55:05	2021-02-15 15:55:05	Total/Offline/Not Online Yet: 0/0/0
Complete	Update template	2021-02-15 15:55:05	2021-02-15 15:55:05	Total/Offline/Not Online Yet: 0/0/0
Complete	Update template	2021-02-15 15:55:05	2021-02-15 15:55:05	Total/Offline/Not Online Yet: 0/0/0
Complete	Update template	2021-02-15 15:55:05	2021-02-15 15:55:05	Total/Offline/Not Online Yet: 0/0/0

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On the log page, the latest record will be displayed by default

Action View

1 Status

2 Devices Result

3 Description

4 Refresh

Status	Operation Type	Started at	Ended at	Devices	Result	Description
Complete	Configuration fails and re-configure	2020-11-05 19:36:51	2020-11-05 19:37:12	Total/Offline/Not Online Yet: 1/0/0	Success/Failure: 1/0 In progress/Scheduled/Complete: 0/0/0	Configuration: [SSID Settings]

First Previous Page 1 of 3192 Next Last

1 of 3192 in total

- Status: View the status of the configuration

Complete: Configuration completes

Incomplete: Configuration is in progress

- Result: View configuration results

Success: Number of devices configured successfully

Failure: Number of devices whose configuration fails

- Devices

Total: Total devices in the network


Offline: Number of offline devices

Not Online Yet: Number of devices that never go online

Cloud will give priority to the online devices, and will actively apply the configuration after the offline devices go online.

- Description: View configuration command


- Refresh: As it takes a while to complete the configuration, you can click this button to refresh the configuration progress.


Click  to display more configuration information.

Action View

Refresh

Search

Status	Operation Type	Started at	Ended at	Devices	Result	Description
 Complete	Initial online of the device	2020-11-06 10:09:00	2020-11-06 10:09:07	Total/Offline/Not Online Yet: 1/0/0	Success/Failure: 1/0 In progress/Scheduled/Complete: 0/0/0	Device: G1PD7PW000106
Complete	Configuration fails and re-configure	2020-11-05 19:36:51	2020-11-05 19:37:12	Total/Offline/Not Online Yet: 1/0/0	Success/Failure: 1/0 In progress/Scheduled/Complete: 0/0/0	Configuration: [SSID Settings]
Complete	Configuration fails and re-configure	2020-11-05 17:50:45	2020-11-05 17:51:02	Total/Offline/Not Online Yet: 1/0/0	Success/Failure: 1/0 In progress/Scheduled/Complete: 0/0/0	Configuration: [SSID Settings]
Complete	Configuration fails and re-configure	2020-11-05 17:50:45	2020-11-05 17:51:02	Total/Offline/Not Online Yet: 1/0/0	Success/Failure: 1/0 In progress/Scheduled/Complete: 0/0/0	Configuration: [SSID Settings]

Click  to export the configuration result.

Action View

Status	Operation Type	Started at	Ended at	Devices	Result	Description
Complete	Manually trigger	2021-02-17 15:11:23	2021-02-17 15:10:37	Total/Offline/Not Online: 1/0/0	Success/Failure: 0/1 In progress/Scheduled/Complete: 0/0/1	Device: G1PCTPW000308-Ful co...
Complete	Configuration file and re-configure	2021-02-17 15:00:00	2021-02-17 15:00:12	Total/Offline/Not Online: 1/0/0	Success/Failure: 0/1 In progress/Scheduled/Complete: 0/0/1	Device: G1PCTPW000308
Complete	Update full SSID	2021-02-16 18:35:23	2021-02-16 18:42:43	Total/Offline/Not Online: 1/0/0	Success/Failure: 0/1 In progress/Scheduled/Complete: 0/0/1	Configuration [SSID Settings]
Complete	Update full SSID	2021-02-16 18:32:34	2021-02-16 18:33:50	Total/Offline/Not Online: 1/0/0	Success/Failure: 1/0 In progress/Scheduled/Complete: 0/0/1	Configuration [SSID Settings]

Export icon highlighted in red.

SN	Building Name	Room	Remark	MAC	Network	New SSIDs	New Passwords	Started at	Ended at	Old SSIDs	Old Passwords	Result	Action
158800024	500000000001	103	180000000000	0017.2E9C.4AB2	JAPAN_APART-BRIDGE_200000000001_99999999	SSID-HaPaQa.SSID-n4ndt.SSID-rFyHn6.RSSID-L7JLD	qndab776.bndndnRkA777Rn6.ydn776	2021-02-16 18:33:50	2021-02-16 18:33:50	SSID-n4ndt	ENqyJR	Succeeded	

The exported file is shown as the figure below.

A	B	C	D	E	F	G	H	I	J	K	L	M
SSID and Password Change Form (Output)												
ID	Building Name	Room	Remark	MAC	Network	New SSIDs	New Passwords	Started	Ended	Old SSIDs	Old Passwords	Result
1	5000000000001	103	180000000000	0017.2E9C.4AB2	GE_200000000000	4nddt.SSID-rFyHn6.RSSID-L7JLD	qndab776.bndndnRkA777Rn6.ydn776	2021/02/16 18:33	2021/02/16 18:33	SSID-n4ndt	ENqyJR	Succeeded

You can check the result in the column **Result** which may be “Succeeded” or “Failed”.

7.1.2.2 End SSID and Password Configuration of Offline Device Immediately (Apartment Scenario)

Suppose the operator changes the SSIDs and passwords of two rooms and exports the result.

Action View

Status	Operation Type	Started at	Ended at	Devices	Result	Description
Complete	Update template	2021-02-16 15:55:17	2021-02-16 15:55:18	Total/Offline/Not Online: 0/0/0	Success/Failure: 0/0 In progress/Scheduled/Complete: 0/0/0	Config: JAPAN-TEST_7.r...
Complete	Update template	2021-02-16 15:55:17	2021-02-16 15:55:18	Total/Offline/Not Online: 0/0/0	Success/Failure: 0/0 In progress/Scheduled/Complete: 0/0/0	Config: JAPAN-TEST_7.r...
Complete	Apply template	2021-02-16 15:55:15	2021-02-16 15:55:15	Total/Offline/Not Online: 0/0/0	Success/Failure: 0/0 In progress/Scheduled/Complete: 0/0/0	Group name: JAPAN-TEST_7.r...
Complete	Update full SSID	2021-02-16 15:34:08	-	Total/Offline/Not Online: 0/2/2	Success/Failure: 2/2 In progress/Scheduled/Complete: 0/0/0	Configuration [SSID Settings]...

SN	Building Name/Room	Remark	MAC	Network	New SSIDs	New Passwords	Started at	Ended at	Old SSIDs	Old Passwords	Result	Action
154800101	5000000000 10	1800000000	0017.2E9A.D	JAPAN_APART	SSID-nY3R.SSID-M4THn	4TRQLQD.BIN/5DT	2021-02-16 15:34:08	2021-02-16 15:34:08	SSID-nY3R.SSID-M4THn	4TRQLQD.BIN/5DT	Never online	
158800024	5000000000 01	1800000000	0017.2E9C.4	JAPAN_APART	SSID-nY3R.SSID-M4THn	4TRQLQD.BIN/5DT	2021-02-16 15:34:08	2021-02-16 15:34:08	SSID-nY3R.SSID-M4THn	4TRQLQD.BIN/5DT	Failed	
158800070	5000000000 10	1800000000	0017.2E9C.4	JAPAN_APART	SSID-nY3R.SSID-M4THn	4TRQLQD.BIN/5DT	2021-02-16 15:34:08	2021-02-16 15:34:08	SSID-nY3R.SSID-M4THn	4TRQLQD.BIN/5DT	Offline	
177800071	5000000000 01	1800000000	0017.2E9C.4	JAPAN_APART	SSID-nY3R.SSID-M4THn	4TRQLQD.BIN/5DT	2021-02-16 15:34:08	2021-02-16 15:34:08	SSID-nY3R.SSID-M4THn	4TRQLQD.BIN/5DT	Succeeded	
CALC1620699	-	1800000000	0017.2E9C.4	JAPAN_APART	SSID-nY3R.SSID-M4THn	4TRQLQD.BIN/5DT	2021-02-16 15:34:08	2021-02-16 15:34:08	SSID-nY3R.SSID-M4THn	4TRQLQD.BIN/5DT	Offline	
G1PCTPW0008	10000-1	3000	0017.2E9C.4	JAPAN_APART	SSID-nY3R.SSID-M4THn	4TRQLQD.BIN/5DT	2021-02-16 15:34:08	2021-02-16 15:34:08	SSID-nY3R.SSID-M4THn	4TRQLQD.BIN/5DT	Failed	
G1PCTPW0029	5000000000 10	1800000000	0017.2E9C.4	JAPAN_APART	SSID-nY3R.SSID-M4THn	4TRQLQD.BIN/5DT	2021-02-16 15:34:08	2021-02-16 15:34:08	SSID-nY3R.SSID-M4THn	4TRQLQD.BIN/5DT	Never online	
G1PCTPW0028	5000000000 01	1800000000	0017.2E9C.4	JAPAN_APART	SSID-nY3R.SSID-M4THn	4TRQLQD.BIN/5DT	2021-02-16 15:34:08	2021-02-16 15:34:08	SSID-nY3R.SSID-M4THn	4TRQLQD.BIN/5DT	Succeeded	

Although there are offline devices waiting for SSID and password configuration, the overall configuration is completed. The operator can export result and send new SSIDs/passwords to the tenant. When the offline devices go online, the new SSIDs and passwords will be synchronized to the devices automatically.

A	B	C	D	E	F	G	H	I	J	K	L	M
SSID and Password Change Form (Output)												
ID	Building Name	Room	Remark	MAC	Network	New SSIDs	New Passwords	Started	Ended	Old SSIDs	Old Passwords	Result
1	5000000000001	101	180000000000	0017.2E9A.D9CC	GE_200000000000	hY3r.SSID-M4TR4GLD.BIN/5t5	2021/02/16 15:34	2021/02/16 15:34	2021/02/16 15:34	bY3r.SSID-M4TR4GLD.BIN/5t5		Never online
2	5000000000001	103	180000000000	0017.2E9C.4AB2	GE_200000000000	R8nfm.SSID-HiAefQ.eLN6Fend	2021/02/16 15:41	2021/02/16 15:41	2021/02/16 15:41	R8nfm.SSID-HiAefQ.eLN6Fend		Failed
3	5000000000001	104	180000000000	0017.2E9C.7C7A	GE_200000000000	eYB.SSID-br/nebba7.Fan4JeJl	2021/02/16 15:34	2021/02/16 15:34	2021/02/16 15:34	eYB.SSID-br/nebba7.Fan4JeJl		Offline
4	5000000000001	102	180000000000	0017.2E9C.F89D	GE_200000000000	77777.SSID-OC0C11111.PASS2222	2021/02/16 15:34	2021/02/16 15:34	2021/02/16 15:34	mH5F.SSID-eeTaqQV.LMBDrJA		Succeeded
5			1500000000002	0074.9192.2bd4	GE_200000000000	SSID-QAZWSXex1234444.qazws	2021/02/16 15:34	2021/02/16 15:34	2021/02/16 15:34			Offline
6	10000-1	3000		300d.9ee8.71ea	GE_200000000000	SSID-QAZWSXex1234444.qazws	2021/02/16 15:34	2021/02/16 15:34	2021/02/16 15:34	SSID-EDCRFVsx1234444.hhhhl		Failed
7	5000000000002	102		1500000000003	GE_200000000000	77777.SSID-OC0C11111.PASS2222	2021/02/16 15:34	2021/02/16 15:34	2021/02/16 15:34	SSID-nFLNtA	d5DTmanq	Never online
8			1500000000002	c0b8.e67e.d579	GE_200000000000	SSID-QAZWSXex1234444.qazws	2021/02/16 15:34	2021/02/16 15:34	2021/02/16 15:34	SSID-trarYM	h4aTQr35	Succeeded

7.1.2.3 Device View

Device View					
		SN		Advanced Search	
Device SN	Operation Type	Started at	Ended at	Status	Action
G1KD9HH02861B	Initial online of the device	2019-04-12 10:49:46	2019-04-12 10:50:31	Succeeded	
G1KD9HH02861B	Device first online	2019-04-03 18:31:22	2019-04-03 18:32:44	Succeeded	
G1KD9HH02861B	Initial online of the device	2019-04-03 18:28:25	2019-04-03 18:30:35	Aborted	
G1KD9HH02861B	Configure Radio	2019-03-07 17:10:43	2019-04-03 18:28:25	Aborted	
G1KD9HH02861B	Edit Config	2019-02-21 10:26:41	2019-04-03 18:28:25	Aborted	
G1KD9HH02861B	Wireless network optimization configuration	2019-01-02 14:48:01	2019-01-02 14:48:04	Succeeded	
G1KD9HH02861B	Upgrade Device	2018-12-29 15:17:43	2018-12-29 15:19:39	Succeeded	
G1KD9HH02861B	Manually trigger	2018-12-06 17:31:12	2018-12-06 17:33:12	Succeeded	
G1KD9HH02861B	Manually trigger	2018-12-05 16:33:03	2018-12-05 16:33:05	Succeeded	
G1KD9HH02861B	Edit Config	2018-12-04 11:37:12	2018-12-04 11:37:18	Succeeded	
		First	Previous	Page 1 of 1	Next Last
				10 10 in total	

Click in the action column to check the push status of each configuration item.

The following figure shows an example of full configuration, including the configuration execution status of SSID, Radio and so on.

Config Execution List

All

Search

Config Item

Started at

Ended at

Status

Message

Web Password Settings(Edit)

2021-04-14 11:39

2021-04-14 11:49:29

Succeeded

The web password is not configured. Keep the...

First

Previous

Page 1 of 1

Next

Last

10

1 in total

7.1.3 Upgrade Log

This part provides the upgrade tracing function. You can check the upgrade status, and abort or retry the upgrade.

Upgrade Log

Started at

Ended at

Search

Operator	Description	Target Version	Process	Time	Result (Success/Failure/Aborted)	Action
testdemo	Upgrade selected1 device(s)	XS19_RGOS 11.4(1)B70P15, Release(08140223)	<div></div> 1/1	2021-02-03 14:52:08	1 / 0 / 0	<div></div> <div></div> <div></div>
testdemo	Upgrade selected1 device(s)	XS19_RGOS 11.4(1)B70P15, Release(08131911)	<div></div> 1/1	2021-01-20 16:21:32	1 / 0 / 0	<div></div> <div></div> <div></div>
testdemo	Upgrade selected1 device(s)	XS19_RGOS 11.4(1)B70P15, Release(08132009)	<div></div> 1/1	2021-01-20 16:01:13	1 / 0 / 0	<div></div> <div></div> <div></div>
testdemo	Upgrade selected1 device(s)	XS19_RGOS 11.4(1)B70P15, Release(08131911)	<div></div> 1/1	2021-01-20 15:50:44	1 / 0 / 0	<div></div> <div></div> <div></div>
testdemo	Upgrade selected1 device(s)	XS19_RGOS 11.4(1)B70P15, Release(08132009)	<div></div> 1/1	2021-01-20 15:31:29	1 / 0 / 0	<div></div> <div></div> <div></div>
testdemo	Upgrade selected1 device(s)	XS19_RGOS 11.4(1)B70P15, Release(08131911)	<div></div> 1/1	2021-01-20 15:21:19	1 / 0 / 0	<div></div> <div></div> <div></div>
testdemo	Upgrade selected1 device(s)	XS19_RGOS 11.4(1)B70P15	<div></div> 1/1	2021-01-20 15:19:20	1 / 0 / 0	<div></div> <div></div> <div></div>
testdemo	Upgrade selected1 device(s)	XS19_RGOS 11.4(1)B70P15, Release(08132009)	<div></div> 1/1	2021-01-20 15:11:18	1 / 0 / 0	<div></div> <div></div> <div></div>
testdemo	Upgrade selected1 device(s)	XS19_RGOS 11.4(1)B70P15	<div></div> 1/1	2021-01-20 14:02:32	1 / 0 / 0	<div></div> <div></div> <div></div>
testdemo	Upgrade selected1 device(s)	XS19_RGOS 11.4(1)B70P15	<div></div> 1/1	2021-01-19 15:22:52	1 / 0 / 0	<div></div> <div></div> <div></div>

First

Previous

Page 1 of 2

Next

Last

10 11 in total



Retry: Restarts the upgrade task that failed or was aborted.



Abort: Stops the upgrade task if the upgrade command has not been pushed.


Click to check log details.


Details ×

Q Search
↺ ⚙ ⚙ ⚙


SN	Upgrade Status	Retry Times	Started at	Ended at	Description	Action
1234942570089	Succeeded	0	-	2021-02-03 14:52:09	Your version is the latest version	⚙ ↺

First Previous Page 1 of 1 Next Last
10 ▲ 1 in total

 **Retry:** Restart the upgrade task.

 **Abort:** Stop the upgrade task.

 **Abort:** You can not stop the upgrade task if the upgrade command has been pushed to the AP.

 **Retry:** You can only restart the failed or aborted upgrade task.

7.2 Upgrade

The following tab pages are provided for device firmware management:

- Upgrade
- Firmware

7.2.1 Upgrade

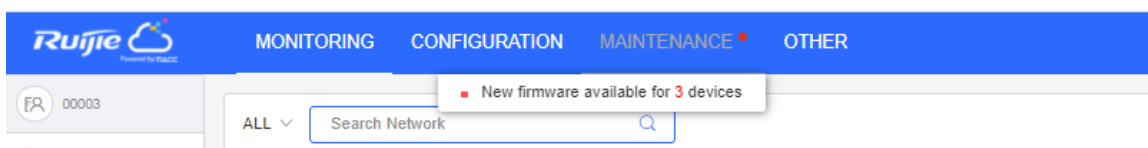
Ruijie Cloud supports the online upgrade of device firmware, and it allows network administrators to utilize the latest features and security enhancement for their Ruijie devices. Online upgrade allows administrators to easily arrange the firmware upgrade on their networks and view firmware releases.

The **Upgrade** page includes two modules:

- Version statistics
- Firmware upgrade

Three ways are available to check whether there is a new version for the device:

- 1) **MAINTENANCE** Menu (for all devices)



- 2) **Upgrade** in the Navigation Bar (for all devices)



7.2.1.1 Check Version Information

Select **Maintenance** > **Upgrade** to display the top 5 versions in pie chart form and a list for each network.



1. Hover the mouse over **MAINTENANCE**, a link will appear. Click the link to enter the **Upgrade** page. The default network information is **All**.
2. On the **AP List**, **Switch List** or **Gateway List**, click **New firmware** to open **New Firmware List** window. Then click **Go to Upgrade** to enter the **Upgrade** page, and select and upgrade devices via **Search**.

Model	Current Version	Hardware Version	Devices	Recommended Version	Action
AP720-L	AP_RGOS 11.1(9)B1P15, Release(06192218)	1.00	1	AP_RGOS 11.1(5)B40P8, Release(06150511)	Go To Upgrade

First Previous Page 1 of 1 Next Last 10 1 in total

Ruijie Cloud MONITORING CONFIGURATION MAINTENANCE OTHER

ALL Search Network (2021-05-02) [Manage Network] [Take over Network] [Unlink Device]

Top Versions

Firmware Version List

Firmware Version	Devices
UNKNOWN	4392
AP_RGOS 11.1(9)B1P15, Release(06192218)	1
AP_RGOS 11.1(5)B40P8, Release(06150511)	1
S1802L_RGOS 11.1(5)B40P8, Release(06150511)	1

Previous Page 1 of 2 Next

Device List

Upgrade Upgrade All 0 Selected

SN, Alias, Description Advanced Search

Key SN, Alias, Description Model Current Version Reset Search

Status	SN	Network	Alias	Model	Hardware Version	Current Version	Recommended Version	Description	Action
Online	12344567890	HTTEL	Ruijie123	AP720-L	1.00	AP_RGOS 11.1(9)B1P15, Release(06192218)	AP_RGOS 11.1(5)B40P8, Release(06150511)		Upgrade
Online	019H46003042	-	-	AP180-L	1.00	AP_RGOS 11.1(9)B1P15, Release(06192218)	AP_RGOS 11.1(5)B40P8, Release(06150511)		Upgrade
Offline	123445678901	Euroa	-	1800-40	X3-S1800L-480T48P	1.00	S1800L_RGOS 11.1(5)B40P8, Release(06150511)		Upgrade
Offline	123445678902	tail	-	1800-180T28P	X3-S1800L-180T28P	1.00	S1800L_RGOS 11.1(5)B40P8, Release(06150511)		Upgrade
Offline	01Q446003050	default	AP180-L	AP180-L	1.00	AP_RGOS 11.1(9)B1P15, Release(06192218)	AP_RGOS 11.1(5)B40P8, Release(06150511)		Upgrade
Offline	123445678903	default	18-80T	X3-S1800L-80T28P	1.00	S1800L_RGOS 11.1(5)B40P8, Release(06150511)	AP_RGOS 11.1(5)B40P8, Release(06150511)		Upgrade
Not Online Yet	02021043070204	net_poe80t80t2_1	net_poe80t80t2_1	-	-	-	-	-	-
Not Online Yet	02021043070208	net_poe80t80t2_1	net_poe80t80t2_1	-	-	-	-	-	-
Not Online Yet	02021043070210	net_poe80t80t2_1	net_poe80t80t2_1	-	-	-	-	-	-
Not Online Yet	02021043070216	net_poe80t80t2_1	net_poe80t80t2_1	-	-	-	-	-	-

First Previous Page 1 of 400 Next Last 10 4392 in total

3. Click **Go to Upgrade** in **Firmware List** to enter the **Upgrade** page, and select and upgrade devices via **Search**.

Ruijie Cloud MONITORING CONFIGURATION MAINTENANCE OTHER

ALL Search Network (2021-05-02) [Manage Network] [Take over Network] [Unlink Device]

AP List New Firmware available for 1 devices

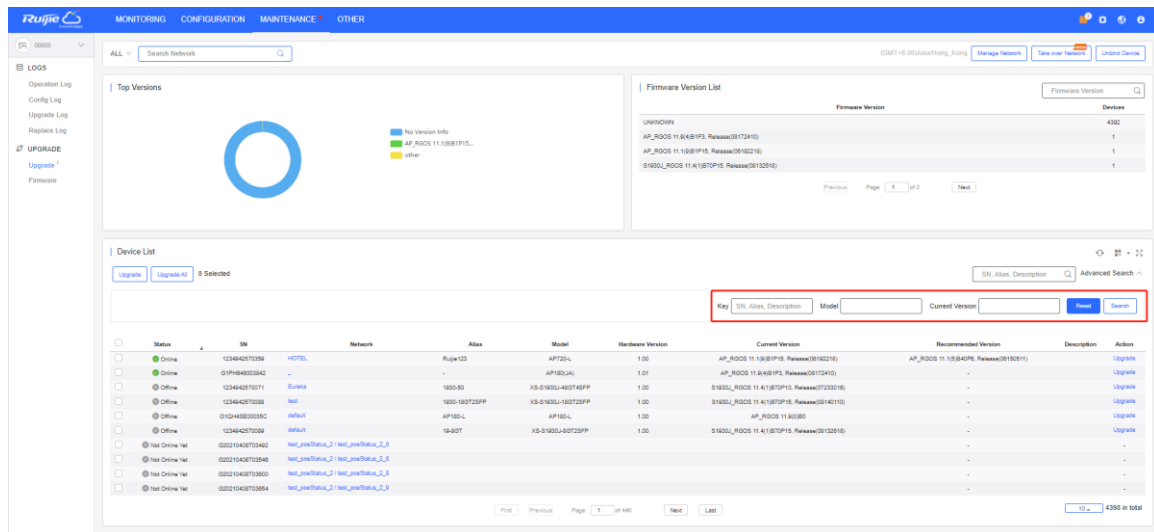
Add Web CLI e/No More 0 Selected

Auto Refresh

SN, Alias, Description Advanced Search

Status	SN	Config Status	MAC	Alias	MGMT IP	Egress IP	Clients	Network	Firmware Version	Offline Time	Model	Description	Action
Online	12344567890	Sync Succeeded	0824.4882.0371	Ruijie123	192.168.21.248	120.35.11.140	-	HTTEL	AP_RGOS 11.1(9)B1P15, Release(06192218)	-	AP720-L	Empty	Upgrade
Online	019H46003042	Sync Succeeded	3006.5626.525e	Empty	192.168.21.235	218.106.154.153	-	-	AP_RGOS 11.1(9)B1P15, Release(06192218)	-	AP180-L	Empty	Upgrade
Offline	01Q446003050	Sync Succeeded	e470.a882.d8b1	Empty	192.168.0.106	220.200.5.114	-	default	AP_RGOS 11.1(9)B1P15, Release(06192218)	2021-05-02 05:03:07	AP180-L	Empty	Upgrade
Not Online Yet	100000000001	Not Synchronized	-	Empty	-	-	-	zh_hk_net	-	-	-	Empty	Upgrade
Not Online Yet	111111111111	Not Synchronized	-	Empty	-	-	-	net_apartment_bridge	-	-	-	Empty	Upgrade
Not Online Yet	1102121	Not Synchronized	-	Empty	-	-	-	zh_hk_net	-	-	-	Empty	Upgrade
Not Online Yet	1101100004074	Not Synchronized	-	Empty	-	-	-	71111111-11	-	-	-	Empty	Upgrade
Not Online Yet	1212121	Not Synchronized	-	Empty	-	-	-	11_20T	-	-	-	Empty	Upgrade
Not Online Yet	121212121	Not Synchronized	-	Empty	-	-	-	zh_hk_net	-	-	-	Empty	Upgrade
Not Online Yet	12121212121	Not Synchronized	-	Empty	-	-	-	zh_hk_net	-	-	-	Empty	Upgrade

First Previous Page 1 of 30 Next Last 10 389 in total



7.2.1.3 Upgrade Devices

For convenience, two upgrade modes are provided:

- **Upgrade Selected**

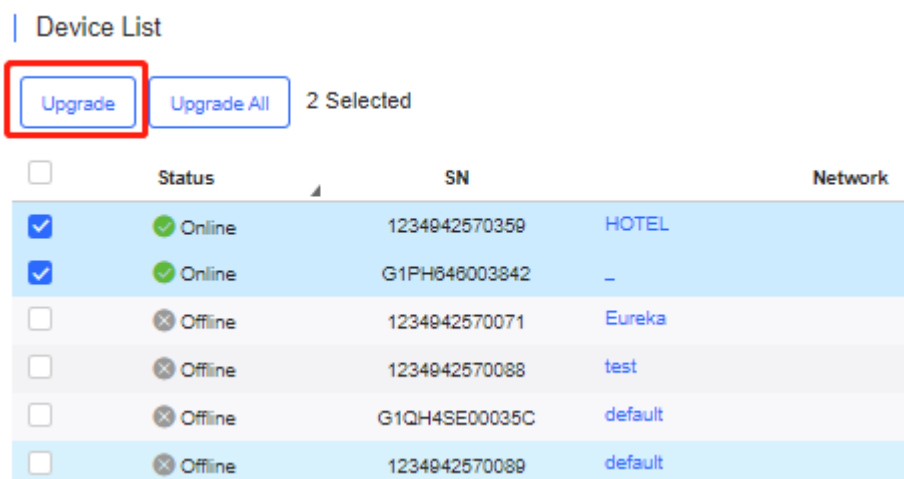
This mode enables you to upgrade a selected AP, and is suitable for a scenario with a few APs to be upgraded.

- **Upgrade All**

Selects all the devices in the list, and applies to the status when multiple devices require upgrading, and implements a quick upgrade with selected networks and version numbers. This mode enables upgrading of all APs in the list, and is suitable for a scenario with a large number of APs. A network or a firmware version number can be specified to perform fast upgrades.

- **Upgrade Selected**

1. Select a network on the left, select a target AP, and click **Upgrade**.



2. Select a firmware version.

On the **Equipment Upgrade** page, you can check the device information and the details of versions, choose a version (the recommended version is the latest one), enable scheduled upgrade and set retry times if the upgrade fails.

Upgrade

Check in Maintenance > Log > Upgrade Log

Model: XS-S1930J-48GT4SFP Hardware Version: 1.00 Current Version: S1930J_RGOS 11.4(1)B70P10, Release(07233016)

Upgrade Version: Please select a firmware version. Select Firmware

Upgrade Device: 1

☐ Scheduled Upgrade

[Advanced Settings](#) ^

Max Retry Times: 5

Start Upgrade Cancel

3. Upgrade the selected APs

● Upgrade All

1. Check the devices list based on a condition, and click **Upgrade All**.

Device List

Upgrade Upgrade All 2 Selected

<input type="checkbox"/>	Status	SN	Network
<input checked="" type="checkbox"/>	Online	1234942570359	HOTEL
<input checked="" type="checkbox"/>	Online	G1PH646003842	-
<input type="checkbox"/>	Offline	1234942570071	Eureka
<input type="checkbox"/>	Offline	1234942570088	test
<input type="checkbox"/>	Offline	G1QH4SE00035C	default
<input type="checkbox"/>	Offline	1234942570089	default
<input type="checkbox"/>	Not Online Yet	G20210408T03492	test_poeStatus_2 / test_poeStatus_2_8
<input type="checkbox"/>	Not Online Yet	G20210408T03546	test_poeStatus_2 / test_poeStatus_2_8
<input type="checkbox"/>	Not Online Yet	G20210408T03600	test_poeStatus_2 / test_poeStatus_2_8
<input type="checkbox"/>	Not Online Yet	G20210408T03654	test_poeStatus_2 / test_poeStatus_2_9

2. Select the version and click **Start Upgrade**

Upgrade



Check in Maintenance > Log > Upgrade Log

Model: XS-S1930J-18GT2SFP Hardware Version: 1.00 Current Version: S1930J_RGOS 11.4(1)B70P15, Release(08140110)

Upgrade Version: Please select a firmware version.[Select Firmware](#)

Upgrade Device: 1

Model: XS-S1930J-18GT2SFP-P Hardware Version: 1.00 Current Version: XS1930J_RGOS 11.4(1)B70P15, Release(08160218)

Upgrade Version: Please select a firmware version.[Select Firmware](#)

Upgrade Device: 1

Model: XS-S1930J-48GT4SFP Hardware Version: 1.00 Current Version: S1930J_RGOS 11.4(1)B70P10, Release(07233016)

Upgrade Version: Please select a firmware version.[Select Firmware](#)

Upgrade Device: 1

Model: XS-S1930J-8GT2SFP Hardware Version: 1.00 Current Version: S1930J_RGOS 11.4(1)B70P15, Release(08132618)

Upgrade Version: Please select a firmware version.[Select Firmware](#)

Upgrade Device: 1

Model: AP180(JA) Hardware Version: 1.01 Current Version: AP_RGOS 11.9(4)B1P3, Release(07211112)

Upgrade Version: Please select a firmware version.[Select Firmware](#)

Upgrade Device: 1

☐ Scheduled Upgrade[Advanced Settings](#) [Start Upgrade](#)[Cancel](#)

Set the update criteria and click **Start Upgrade**, and a message box will pop up. Users can check details in **LOGS > Upgrade Log**.

Message



The upgrade task has been created. Please check
Upgrade Log for details.



Upgrade Log

Started at Ended at [Q Search](#)

Operator	Description	Target Version	Process	Time	Result (Success/Failure/Aborted)	Action
testdemo	Upgrade selected1 device(s)	XS19_RGOS 11.4(1)B70P15, Release(08140223)	<div><div></div></div> 0 / 1	2021-04-14 16:44:06	0 / 0 / 0	
testdemo	Upgrade selected1 device(s)	XS19_RGOS 11.4(1)B70P15, Release(08140223)	<div><div></div></div> 1 / 1	2021-02-03 14:52:08	1 / 0 / 0	
testdemo	Upgrade selected1 device(s)	XS19_RGOS 11.4(1)B70P15, Release(08131911)	<div><div></div></div> 1 / 1	2021-01-20 16:21:32	1 / 0 / 0	
testdemo	Upgrade selected1 device(s)	XS19_RGOS 11.4(1)B70P15, Release(08132009)	<div><div></div></div> 1 / 1	2021-01-20 16:01:13	1 / 0 / 0	
testdemo	Upgrade selected1 device(s)	XS19_RGOS 11.4(1)B70P15, Release(08131911)	<div><div></div></div> 1 / 1	2021-01-20 15:50:44	1 / 0 / 0	
testdemo	Upgrade selected1 device(s)	XS19_RGOS 11.4(1)B70P15, Release(08132009)	<div><div></div></div> 1 / 1	2021-01-20 15:31:29	1 / 0 / 0	
testdemo	Upgrade selected1 device(s)	XS19_RGOS 11.4(1)B70P15, Release(08131911)	<div><div></div></div> 1 / 1	2021-01-20 15:21:19	1 / 0 / 0	
testdemo	Upgrade selected1 device(s)	XS19_RGOS 11.4(1)B70P15	<div><div></div></div> 1 / 1	2021-01-20 15:19:20	1 / 0 / 0	
testdemo	Upgrade selected1 device(s)	XS19_RGOS 11.4(1)B70P15, Release(08132009)	<div><div></div></div> 1 / 1	2021-01-20 15:11:18	1 / 0 / 0	
testdemo	Upgrade selected1 device(s)	XS19_RGOS 11.4(1)B70P15	<div><div></div></div> 1 / 1	2021-01-20 14:02:32	1 / 0 / 0	

[First](#) [Previous](#) Page 1 of 2[Next](#) [Last](#)[10](#) 12 in total



Details

SN	Upgrade Status	Retry Times	Started at	Ended at	Description	Action
1234942570071	Executing	0	2021-04-14 16:44:06	-	Downloading files...Please wait	 

First Previous Page 1 of 1 Next Last 10 1 in total

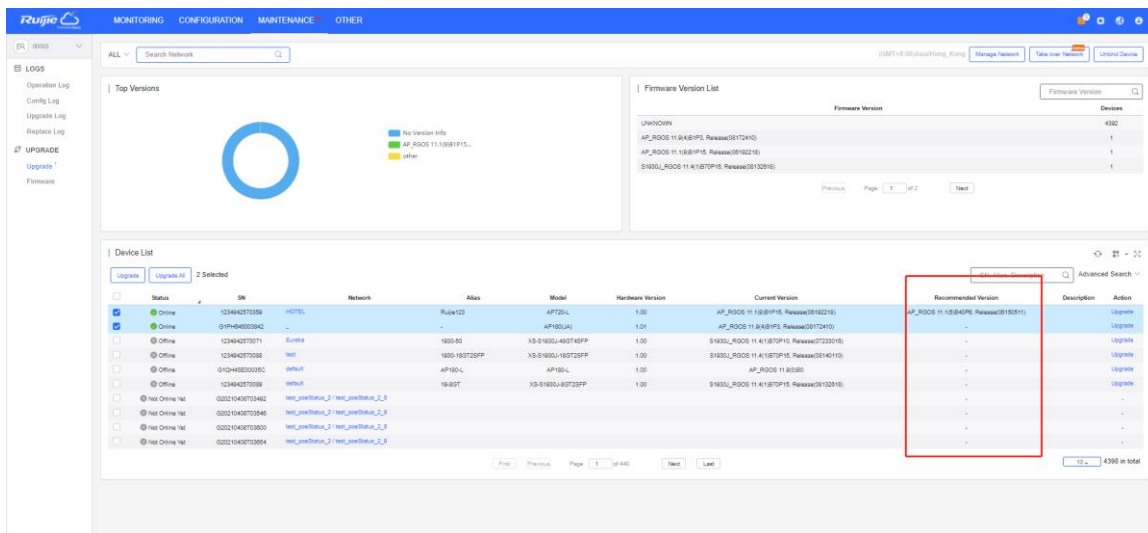
3. If the upgrade is successful, log will show **Upgrade succeeded**.

Details

SN	Upgrade Status	Retry Times	Started at	Ended at	Description	Action
1234942570089	Succeeded	0	-	2021-02-03 14:52:09	Your version is the latest version	 

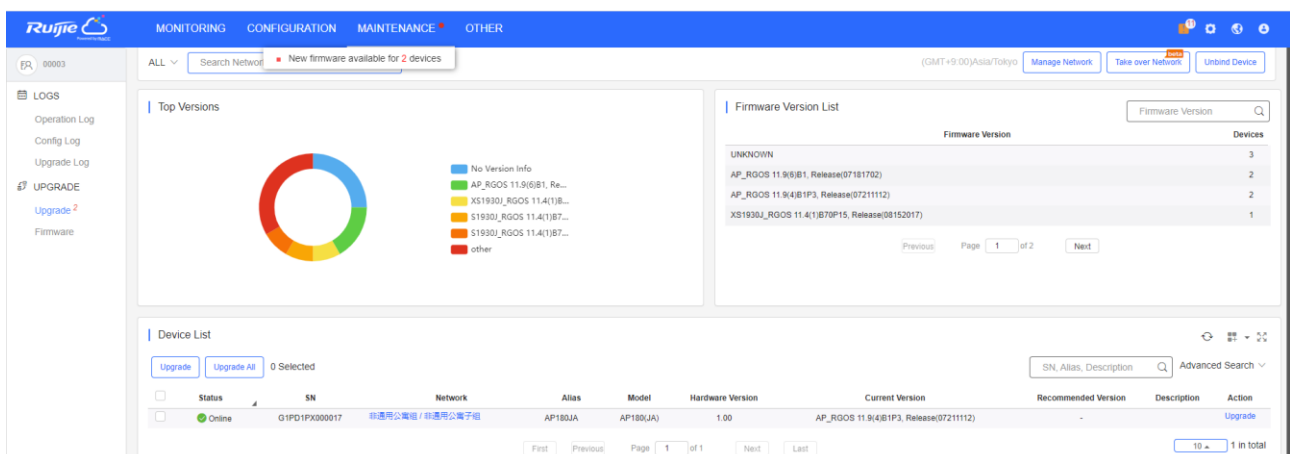
First Previous Page 1 of 1 Next Last 10 1 in total

Check the results in the **Recommend Version** of **Device List**.



The screenshot shows the Ruijie Cloud Maintenance Menu. The 'Device List' table is displayed with the following columns: Status, SN, Network, Alias, Model, Hardware Version, Current Version, Recommended Version, Description, and Action. A red box highlights the 'Recommended Version' column. The 'Firmware Version List' table is also visible, showing firmware versions for various devices.

The numbers of devices which have available firmware for upgrade in **MAINTENANCE** Menu and **Upgrade** in Navigation Bar will change accordingly.



The screenshot shows the Ruijie Cloud Maintenance Menu. The 'Device List' table is displayed with the following columns: Status, SN, Network, Alias, Model, Hardware Version, Current Version, Recommended Version, Description, and Action. The 'Upgrade' button in the Navigation Bar is highlighted with a red box. The 'Firmware Version List' table is also visible, showing firmware versions for various devices.

7.2.2 Firmware

7.2.2.1 Version Details

The **Version Details** list displays the versions of firmware installed on all devices. Click **Go To Upgrade** in the **Action** column to open the **MAINTENANCE > UPGRADE > Upgrade** page.

Version Details Private Firmware

Model	Current Version	Hardware Version	Devices	Recommended Version	Action
UNKNOWN	UNKNOWN	UNKNOWN	3449	-	Go To Upgrade
XS-S1930J-18GT2SFP	S1930J_RGOS 11.4(1)B70P15, Release(08140110)	1.00	1	-	Go To Upgrade
XS-S1930J-48GT4SFP	S1930J_RGOS 11.4(1)B70P10, Release(07233016)	1.00	1	-	Go To Upgrade
AP180(JA)	AP_RGOS 11.9(4)B1P3, Release(07211112)	1.01	1	-	Go To Upgrade
XS-S1930J-8GT2SFP	S1930J_RGOS 11.4(1)B70P15, Release(08132618)	1.00	1	-	Go To Upgrade
XS-S1930J-18GT2SFP-P	XS1930J_RGOS 11.4(1)B70P15, Release(08160218)	1.00	1	-	Go To Upgrade

First Previous Page 1 of 1 Next Last 10 6 in total

7.2.2.2 Private Firmware

The **Private Firmware** list displays the private firmware uploaded by all accounts under a tenant.

Version Details Private Firmware


Upload Firmware Delete 0 Selected Firmware Version, Applicable Search

	Firmware Version	File	File Size (MB)	Applicable Model	Uploaded at	Released at	Description	Action
<input type="checkbox"/>	XS19_RGOS 11.4(1)B70P15, Release(08140223)	XS19_RGOS11.4_1_B70P15_08140223_install.bin	20.15	NBS2028G-E-LP::1.20,NBS228F-E-LP::1.10,...	2021-02-03 14:47:38	2021-02-03 14:47:38	8GT	<input checked="" type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	XS19_RGOS 11.4(1)B70P15, Release(08132009)	XS19_RGOS11.4_1_B70P15_08132009_install.bin	19.71	NBS2028G-E-LP::1.20,NBS228F-E-LP::1.10,...	2021-01-20 14:10:57	2021-01-20 15:10:56		<input checked="" type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	XS19_RGOS 11.4(1)B70P15	XS19_RGOS11.4_1_B70P15_install-0120.bin	19.71	NBS2028G-E-LP::1.20,NBS228F-E-LP::1.10,...	2021-01-20 13:02:08	2021-01-20 14:02:07		<input checked="" type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	XS19_RGOS 11.4(1)B70P15	XS19_RGOS11.4_1_B70P15_install-0119.bin	19.71	NBS2028G-E-LP::1.20,NBS228F-E-LP::1.10,...	2021-01-19 14:22:37	2021-01-19 15:22:37	1930-18GT-0119	<input checked="" type="checkbox"/> <input type="checkbox"/>
<input type="checkbox"/>	XS19_RGOS 11.4(1)B70P15, Release(08131911)	XS19_RGOS11.4_1_B70P15_08131911_install.bin	19.71	NBS2028G-E-LP::1.20,NBS228F-E-LP::1.10,...	2021-01-19 13:45:37	2021-01-19 14:45:37	S1930J-18GT-0119	<input checked="" type="checkbox"/> <input type="checkbox"/>

First Previous Page 1 of 1 Next Last 10 5 in total

Click **Upload Firmware** to upload private firmware.

Upload Firmware



'tar.gz' or '.bin' File

Close


Upload Firmware ×

File RG-MACC_JP_RC_1.2.1D_Build_48.tar.gz

Description

Import

Close

Click  in the **Action** column to edit the **Description** of firmware.

Edit Description ×

File AP_RGOS11.9_4_B1P2_S2X2-08-FULL_07200421_install.bin

Description

OK Cancel

Click **Delete** or  in the **Action** column to delete private firmware.


Message ×

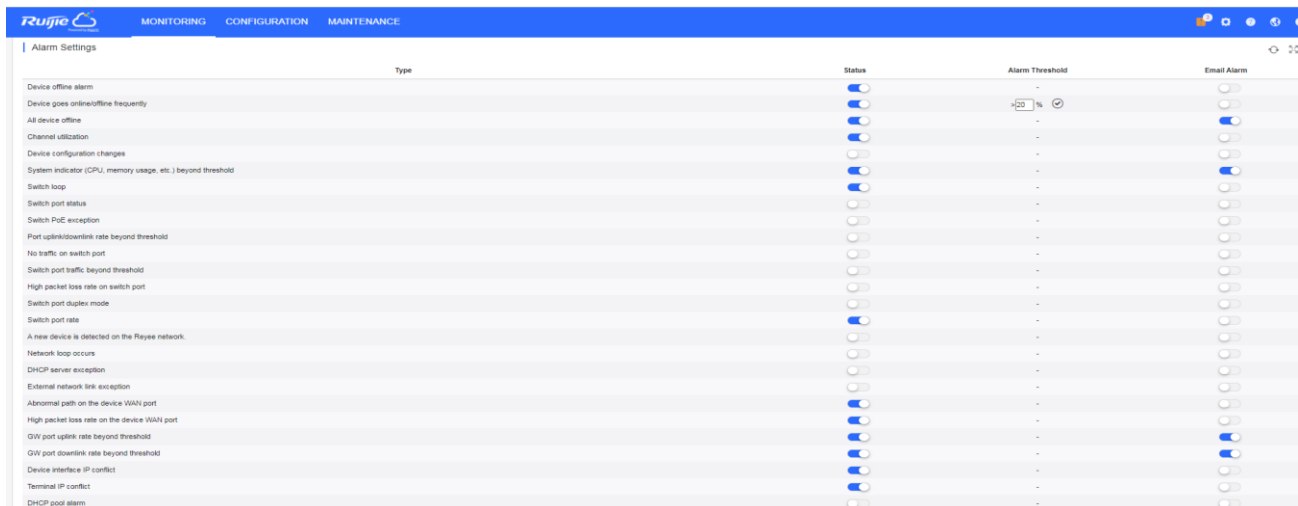
Are you sure you want to delete the firmware?

OK Cancel

8 System Settings

8.1 Alarm Settings

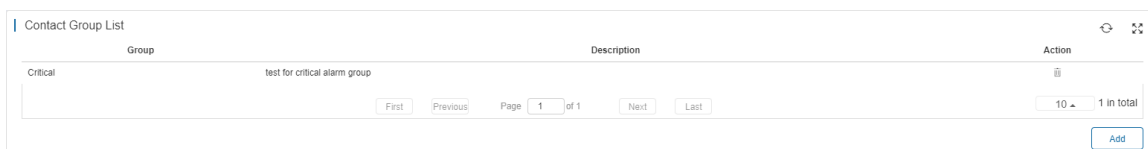
Click  in the upper right corner and select **Alarm Settings**. The **Alarm Settings** page is displayed for alarm parameter configuration.




Type	Status	Alarm Threshold	Email Alarm
Device offline alarm	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>
Device goes online/offline frequently	<input checked="" type="checkbox"/>	+20 % <input checked="" type="checkbox"/>	<input type="checkbox"/>
All device offline	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>
Channel utilization	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>
Device configuration changes	<input type="checkbox"/>	-	<input type="checkbox"/>
System indicator (CPU, memory usage, etc.) beyond threshold	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>
Switch loop	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>
Switch port status	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>
Switch PoE exception	<input type="checkbox"/>	-	<input type="checkbox"/>
Port uplink/downlink rate beyond threshold	<input type="checkbox"/>	-	<input type="checkbox"/>
No traffic on switch port	<input type="checkbox"/>	-	<input type="checkbox"/>
Switch port traffic beyond threshold	<input type="checkbox"/>	-	<input type="checkbox"/>
High packet loss rate on switch port	<input type="checkbox"/>	-	<input type="checkbox"/>
Switch port duplex mode	<input type="checkbox"/>	-	<input type="checkbox"/>
Switch port rate	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>
A new device is detected on the Ruijie network	<input type="checkbox"/>	-	<input type="checkbox"/>
Network loop occurs	<input type="checkbox"/>	-	<input type="checkbox"/>
DHCP server exception	<input type="checkbox"/>	-	<input type="checkbox"/>
External network link exception	<input type="checkbox"/>	-	<input type="checkbox"/>
Abnormal path on the device WAN port	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>
High packet loss rate on the device WAN port	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>
QW port uplink rate beyond threshold	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>
QW port downlink rate beyond threshold	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>
Device interface IP conflict	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>
Terminal IP conflict	<input checked="" type="checkbox"/>	-	<input type="checkbox"/>
DHCP pool alarm	<input type="checkbox"/>	-	<input type="checkbox"/>



Alarm settings are configured by network. If no alarm settings are configured, the global settings are adopted.

On the **Alarm Settings** page, you can configure to receive alarms or not and in which way. When the **Status** is enabled, alarm information is displayed on the **Alarm** page. Alarms can be pushed via Email only when the **Status** is enabled. When the **Email Alarm** is enabled, alarms will be pushed via Email to the contacts in the **Contact List** of the network.



Group	Description	Action
Critical	test for critical alarm group	

First Previous Page 1 of 1 Next Last 10 1 in total Add



 **Note:** To use the **Email Alarm** function, click  and select **System Settings** to preset the account and password of the SMTP server for sending Emails on the **Advanced** page via the administrator account. For details about the configuration page, see section 6.2.2.

8.2 Contact

On the **Contact** page, you can create contact groups, and add contacts to contact groups.

8.2.1 Contact List

Add a contact as the Email recipient.

Contact List					
Name	Mobile	Email	Description	Action	
TestContact	1000001111	test@test.com	test contact		
<div>First Previous Page 1 of 1 Next Last</div> <div>10 1 in total</div> <div>Add</div>					

Add/Edit Contact

Name :

*

Email :

*

Mobile :

*

Description :







*

Save

Cancel

8.2.2 Contact Group

Add a group and move the contacts to the group.

Contact Group			
Group	Description	Action	
None	www		
ku_start	www		
test	www		
<div>First Previous Page 1 of 1 Next Last</div> <div>10 3 in total</div> <div>Add</div>			

Edit Contact Group

Name

lklskle

Description

www

Contact Group

jok

All Contacts

jok1


<< Add to Group

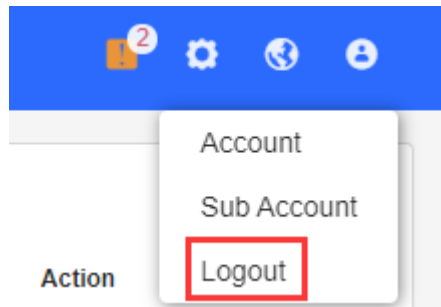
Delete from Group >>

Save

Cancel

9 Account

Point to  on the upper right corner, the **Account** menu is displayed, which includes **Account**, **Sub Account** and **Logout**.



9.1 Account

The **Account** page is divided into the **User Info** area and **Modify Password** area. In the **User Info** area, you can edit the basic information of user (**Username** and **Email** is not allowed to be changed); In the **Modify Password** area, you can change the login password.

User Info

Username :

testdemo

Language :

English

Time Zone :

(GMT+8:00)Asia/Hong_Kong

Full Name :

testdemo

Email :

test7@rujie.com.cn

Address :

rujie

Save

Modify Password

Old Password :

Old Password

New Password :



New Password

Confirm Password :

Confirm Password

Save

9.2 Sub Account

The **Sub Account List** displays the information of sub accounts. Click  in the **Action** column to edit the sub account. Click  in the **Action** column to delete the sub account.

Sub Account List

Add Sub Account

Username (Email), Full Name

Q Search

Username (Email)	Role	Network	Full Name	Mobile	Email	Action
evy	Admin	evy_fc—組のテスト	evy	12345678908	-	<div><div></div><div></div></div>
113276963868@163.com	Operator	00003	113276963868@163.com	1234567812343	113276963868@163.com	<div><div></div><div></div></div>
1554600883@qq.com	Operator	00003	1554600883@qq.com	123456781	1554600883@qq.com	<div><div></div><div></div></div>
happytofr@qq.com	Admin	00003	happytofr@qq.com	13625978727	-	<div><div></div><div></div></div>
1679855539@qq.com	Operator	00003	1679855539@qq.com	123456782	1679855539@qq.com	<div><div></div><div></div></div>
longlijiang202102@163.com	Operator	00003	longlijiang202102@163.com	12345678977	longlijiang202102@163.com	<div><div></div><div></div></div>
767986140@qq.com	Operator	test_apartment_bridge	767986140@qq.com	123456785	767986140@qq.com	<div><div></div><div></div></div>
longlijiang202103@163.com	Admin	00003	longlijiang202103@163.com	12345678999	longlijiang202103@163.com	<div><div></div><div></div></div>

First

Previous

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Next

Last

108 in total

Click **Add Sub Account** to add a new sub account. Select the network, enter the Email in the **Username** box and click **Send Code**. Enter the security code contained in the Email, set the password, language, full name, expiration date, mobile and role, and click **Save**.

Role: **Admin** owns the permissions to create an account. **Employee** owns the permissions to edit data. **Operator** owns the permissions to print voucher and view account data. **Guest** owns the permissions to view data.

Add Sub Account



Note: If you have a Cloud account, you can share the network and do not need to add a sub account. [Details](#)

Type ☒ New Account ☐ Existing Account

Network *

Username (Email) *

Verification Code [Send Code](#) *

Password *

Language ▼

First Name *

Last Name *

Mobile *

Role ▼ ?

[Save](#)[Cancel](#)

The existing sub account can be added to the network so that a sub account can manage multiple networks.

Add Sub Account



Note: If you have a Cloud account, you can share the network and do not need to add a sub account. [Details](#)

Type ☐ New Account ☒ Existing Account

Network *

Username (Email) *

Role ▼ ?

Save

Cancel

9.3 Logout

Click **Logout** to exit the system and return to the login page.

10 Unbind Device

Click **Unbind Device**, enter the device SN to get URL. Configure the URL as the ACS URL on device, and the device will automatically unbind on Cloud.

ALL > default > Search Network

(GMT+9:00)Asia/Tokyo

Manage Network

Take over Network

Unbind Device

Unbind Device

Note: Only supported on APs, ACs and switches

Please follow the steps to unbind the device:

1. Enter the device SN to get URL (valid for 24 hours)
2. Configure the device ACS URL as the URL below and ensure the connection between the device and cloud
3. After the device goes online, it will unbind with the tenant automatically (Its ACS URL will be changed back by cloud after the device is added to a network)

SN

Get URL

SN

Search

SN	Unbind	URL	Status	Description	Expired at
G1PD7PW000801	3da0-5322-4246-b2eb	http://cloudtest-eu.rujiennetworks.com/service/acs/unbind/3da0-5322-4246-b2eb	Expired		2021-04-14 11:59:52

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Last

10 1 in total

11 Appendix

11.1 Acronyms and Abbreviations

Acronyms and Abbreviations	Full Name
AP	Access Point
AC	Access Controller
BOSS	Business & Operation Support System
DHCP	Dynamic Host Configuration Protocol
DNS	Domain Name Server
EAP	Extensible Authentication Protocol
EAPOL	EAP over LAN
EAP AKA	Extensible Authentication Protocol Method for 3rd Generation Authentication and Key Agreement
ESSID	Extended Service Set Identification
FTP	File Transfer Protocol
HLR/AuC	Home Location Register
HTTP	Hypertext Transfer Protocol
IMSI	International Mobile Subscriber Identification
MSISDN	Mobile Subscriber ISDN
NAT	Network Address Translation
PAT	Port Address Translation
Radius	Remote Authentication Dial In User Service
SNMP	Simple Network Management Protocol
SSID	Service Set Identifier
UDP	User Datagram Protocol
VPN	Virtual Private Network
WEP	Wired Equivalent Privacy
WPA	Wi-Fi Protected Access
WAPI	Wireless LAN Authentication and Privacy Infrastructure
WLAN	Wireless Local Access Network

11.2 Glossary

Term	Definition
Cloud	Specify the cloud center management end, supports private and public clouds, allows separate deployment of a system of a private cloud version, and provides cloud services of the public cloud version.
Network	Enable the device grouping for easy management of a large quantity of devices. It is recommended that networks be added by geographical location or device use.

11.3 Limitations

No.	Module	Description
1	Device	Up to 200 devices can be imported each time. To import more than 200 devices, users need to do it in batches.
2	Configuration	Configurations of up to 200 devices can be imported each time. To import configurations of over 200 devices, users need to do it in batches.
3	EXCEL template	For the Excel template, only the XLS format is supported.
4	SSID	SSIDs can be made up of numbers, English letters, and “-”.
5	Custom excel template	In an Excel template for customization, A to Z columns and 1 to 15 rows are supported.
6	AP	Account-based policies may fail on some models, such as AP680(CD), where they are disabled by default. In this case, users need to batch apply from the Cloud the web-auth acct-update-interval 1 command to enable those policies.
7	SSID reverse sync	The Cloud does not support SSIDs containing special characters. If such SSIDs are set on end devices, the Cloud would fail to deliver them after they are synchronized to the Cloud.