

Ruijie Japanese Cloud System (JaCS)

User Guide

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Preface

Target Audience

This manual is suitable for the following people to read

- Network Engineer
- Technical Extension Staff
- Network Administrator

Technical Support

- Ruijie Networks Website: <u>https://ruijie.co.jp/</u>
- Technical Support Website: <u>https://www.ruijie.co.jp/service</u>
- Inquiry&Repair: <u>https://www.ruijie.co.jp/service/post-sales</u>
- Technical Support Email: <u>support_jp@ruijienetworks.com</u>

Conventions

1. Conventions

Symbols	Description	Example
Boldface	 Button names Window names, tab name, field name and menu items. 	1. Click <ok>. 2. Click <download template=""></download></ok>
>	Multi-level menus items	[System Settings] > [Administrator]

2. Signs

The signs used in this document are described as follows:



An alert that calls attention to essential information that if not understood or followed can result in function failure or performance degradation.

D Note

An alert that contains additional or supplementary information that if not understood or followed will not lead to serious consequences.

3. Notes

Some information displayed in this manual (such as product model, description, port types, software interfaces, etc.) is for reference only. For specific information, please refer to the actual product version used.

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1 Overview

Ruijie Japan Cloud Service (JaCS) is Ruijie's easy and efficient cloud solutions for Japanese apartments and hotels. JaCS provides equipment deployment, network monitoring, network optimization and 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.

1.1 Supported Browsers

Browser	Version
Chrome	125.0.6422.61
Safari	10.1
Firefox	126.0

D Note

It is recommended to use Chrome browser.

1.2 Addresses and Ports to be Permitted

Source IP	Destination Address	Source Port	Destination Port	Protocol	Description	Devices using this rule
Your network	devicereg.ruijienetworks. com devreg.ruijienetworks.co m	Any	80,443	TCP	Ruijie Cloud Login Server	AP/AC/Switch /Gateway
Your network	cwmpsvr- japan.ruijienetworks.com	Any	80,443	ТСР	Ruijie Cloud Server	AP/AC/Switch /Gateway
Your network	35.194.101.74 34.84.13.46	Any	10000-12000	ТСР	Ruijie cloud server establishes a tunnel connection with the gateway	Gateway
Your network	cwmpsvr- japan.ruijienetworks.com devicereg.ruijienetworks. com devreg.ruijienetworks.co m	Any	3478, 3479,	UDP	Ruijie Cloud Server delivers CLI commands to devices	AP/AC/Switch /Gateway
Your network	cdn- japan.ruijienetworks.com	Any port	80 , 443	ТСР	Ruijie Cloud Authenticatio n Server	STA
Your network	rylog- japan.ruijienetworks.com	Any port	80,443	ТСР	Device log upload	AP/ AC/ Switch/ Gateway

1.3 Supported Models

Device Types	Models
	RG-AP180(JA)
	RG-AP180(JP)
	RG-AP180-PE
	RG-AP180-AC
	RG-AP850-I-JPV2
	RG-AP680CD-JP
	RG-MA2610-PE
	RG-MA2610-AC
	RG-MA2810
	RG-HA3515-DG
	RG-HS2310-16GH2GT1XS
	XS-S1930J-8GT2SFP
	XS-S1930J-8GT2SFP-P
Switch	XS-S1930J-18GT2SFP
Switch	XS-S1930J-18GT2SFP-P
	XS-S1930J-24GT4SFP/2GT
	XS-S1930J-24GT4SFP/2GT-P
	XS-S1930J-48GT4SFP
	RG-EG2100-P V2
Gateway	RG-EG3250
	RG-EG3230
	RG-EG5210-JP
	RG-MT3002
LITE-PON	RG-MU3064

2 Getting Started with JaCS

The chapter introduces how to start use JaCS, including:

- Registering an Account
- Logging into JaCS
- Resetting Password

2.1 Registering an Account

JaCS currently only supports account registration via emails. The registration steps are as follows:

1 Use a browser to visit: <u>https://jacs.ruijienetworks.com</u>.



2 Click Sign Up to open the Register page.

Sign in				
Vsername				
Password		ø		
	Sign in			
Sign Up	Trial Account	Forget Password?		

3 Enter your Email address, and then click **Send Code**.



D Note

One Email address can be registered once only. If the Email address you entered has been registered on JaCS, the system will prompt "This email is already registered."

4 Enter the verification code received.

Sign up	
۹ @163.com	
123514	Send Code
Password	Ø
Confirm Password	Þ
I agree to the User License Agreement and Privac	y Policy
Sign up	
Back to sign-in	

Note Note

The verification code is valid for 10 minutes. If you do not receive the verification code, please click **Send Code** again after 1 minute.

5 Enter the password twice in succession.



D Note

- Click Ø icon on the right side of the password input box to view the password.
- Please make sure the two passwords you enter are consistent.
- The password must contain three types of the following characters: uppercases, lowercases, digital numbers and special characters. Spaces are not allowed to be available on the password. The password length ranges from 8 to 16 characters.

6 Check "I agree to the User License Agreement and Privacy Policy", and then click **Sign up** to complete the registration.

Sign up	
8	
123514	Send Code
盘	Þ
A	Þ
✓ I agree to the User License Agreement and Privac	y Policy
Sign up	
Back to sign-in	

After the account registration is completed, the user can use the account to log in.

D Note

The account registration cannot complete if you do not agree to our **User License Agreement** and **Privacy Policy**.

2.2 Logging into JaCS

Before logging in, please confirm that you have registered an account. If you have not registered an account before, please refer to <u>Section 2.1</u> to complete the account registration first. If you do not want to register an account, you can click **Trial Account** on the login page to experience the system.



If you already have an account, please follow the steps below to log into the system:

1 Use a browser to visit: <u>https://jacs.ruijienetworks.com</u>.

~	ر ک	aCS Cl	oud	×	+			
÷	\rightarrow	G	ß	https://jacs.ruijiene	tworks.co	m		

2 Enter your email address and password, and click Sign in.



D Note

After a login error occurs, a slider for verification will appear.

2.3 Resetting Password

If you forget your password, you can follow the steps below to reset it:

1 Click Forget Password? to go to the password reset page.

	Sign in	Â
🥑 Username	9	
Password		Ø
	Sign in	
Sign Up	Trial Account	Forget Password?

2 Enter your email address used for registration.

Forget password	
R Email Address(Account)	
☑ Verification Code	Send Code
Password	Ø
Confirm Password	Ø
Save	
Back to sign-in	

3 Click **Send Code**, and enter the verification code received.

Forget password							
A liuyiji							
☑ Verification Code	Send Code						
Password	٢						
Confirm Password	Þ						
Save							
Back to sign-in							

4 Enter the new password twice and click **Save**.

Forget password	
334440	Reacquire it after 10s
⊕	Ø
A	Þ
· · · ·	Save
Ва	ck to sign-in

After the password is reset, you can use the new password to log into Ruijie JaCS.

2.4 Interface Introduction

Ruijie JaCS consists of the following three interfaces:

- Dashboard Interface
- Project Management Interface
- Al Assistant

2.4.1 Dashboard Interface

After successfully logging into the JaCS, you will enter the dashboard interface by default.

Ruíjie 🖾	📄 Dash	board 🔀 Al Assistar	nt					© % X
All Projects	×	All Devices	Alarr O	15				
My Created(0)	My Received(0)	My Shared(0)						
⊙ Import	Add Sroup	Management 🛛 🕸 Templa	te Management Upgrade	Policy Project Name	Q			C 1 ∅
Project Name	Alarms	АР	Switch	G.hn	OLT	ONU Gateway	Created Time	÷ Actions
				No d	sta			

Items	Description
All Projects	Click All Projects to view all currently created projects. The number displayed under All Projects is the total number of currently created projects.
All Devices	Click All Devices to view all devices of all projects in the current account. The number displayed under All Devices is the total number of devices imported.
Alarms	Click Alarms to view all warning information. The number displayed below Alarms is the total number of generated alarms.
20	Fullscreen button. If you want exit the full screen mode, press Esc on the keyboard or click button.
ŻĄ	System language switch button. Click this icon to switch the system language. Three languages are supported: Chinese, English, and Japanese.
С	Click this icon to display more options, including Account, Sub Account, Account Role, Access Policy and Logout.

2.4.2 Project Management Interface

After creating a project on the **Dashboard** interface, a Project menu will appear at the top of the interface. Click the **Project** to enter the project management interface. Click the project switch box in the upper left corner to switch projects.

Ruíjie 🖾	Dashboard 🕅 Project 🔀 Al Assistant		© ©	% X 🔳
الله Testi V	💼 0 Gateway 💼 0 Switch 💼 0 AP 💼 0 Ghn 💼 0 OLT	Alarm Statistics	Lincleared	>
Devices	0 ONU	2	Today	0
Smart Simplicity	Topology Report Advanced		Week	0
RF PlanningRoaming		Wi-Fi Traffic	nk Downlin	`
Configuration				
Auth & Account > Monitoring		0	1	0
ា៍ Network Details > 🏚 Alarms		Clients	• 24	5: 0
E Logs >		0) • 5G	0
Ø Firmware↔ Upgrade				

Menus	Description
Overview	In this interface, you can view the overall status of a project, including device number, topology, alarm statistics, Wi-Fi traffic and clients.
Devices	In this interface, you can manage the devices in a project. JaCS supports managing APs, switches, gateways, G.hn devices, OLT devices and ONU devices. For specific supported models, refer to <u>Section 1.3</u> .
Client	In this interface, you can view the client information in the current project.
Device Config	In this interface, you can configure and manage the initialization configuration template and device-specific configuration template, and set basic wireless configuration.
Auth & Account	In this interface, you can configure the following authentication types, including voucher authentication, account authentication (providing account and password management, configuring limits on speed, traffic, number of terminals and validity period), PPSK (providing account and password management and terminal binding), and captive portal (supporting customized portal pages, including background style, background image customization, languages, terms, copyright, login button, marketing advertisement, welcome message, login method, online time, jump page after login, etc.).
Network Details	In this menu page, you can monitor the network information of a project, including channel distribution and utilization, device statistics, and client statistics.
Alarms	In this interface, you can view and manage all alarm information in the current project.
Logs	In this interface, you can check logs. Six types of logs are supported, including operation logs, configuration logs, upgrade logs, Mesh logs, configuration replacement logs, and device-specific configuration logs.
Policy	In this interface, you can set upgrade policies.
Upgrade	In this interface, you can upgrade your devices.
Firmware	In this interface, you can view the existing firmware version in the current project, and upload and manage your private firmware.

2.4.3 Al Assistant

Ruijie JaCS carries an AI assistant. You can use the AI assistant to obtain information and configuration steps of related products.

Ruffe 🖾 🗋 Das	ashboard 🕅 Project 🔀 Al Assistant 🕸	0 🛪 🗶 🚺
All Projects	All Devices Alarms 0 0	
My Created(1) My Received(0)	My Shared(0)	
 Import Add Group 	oup Management 🖉 Template Management 🗍 L. Upgrade Policy Diriject Name	O I 🕸
Project Name 🗘 Alarm	ms AP Switch G.hn OLT ONU Gateway Created Time 🗘	Actions
Test1 0	0/0 0/0 0/0 0/0 0/0 0/0 2025-01-22 15:1720 🕣 🗹	< 0 i
	total of 1	1 10 / page \vee
Ruffe 🖾 🗋 Das	shboard 😚 Project 🔀 Al Assistant 🕸	0 × x 🔲
	Dr.R(Beta) Hello, I'm Dr. R, the technical support AI for Ruije Networks. I'm here to assist you with any questions you have about our products, including specifications, usage, operation and maintenance, and troubleshooting.	
	1.Please introduce the features and product specifications of the G.hn telephone line solution.	
	2.How can I deploy devices with JaCS?	
	3.How to set the IP address and gateway for the Ruijie AP-180, including the commands.	
	4.What are the different types of modulation?	
	Enter to send. Shift+Enter line break Send	
	Dr.R may also make mistakes. Please verify important information.	

3 Project Management

This chapter introduces how to manage projects on JaCS, including:

- Creating a Project
- Creating Projects in Batches
- Creating a Project Group
- Editing a Project
- Sharing a Project
- Handing over a Project

D Note

- The maximum number of projects/project groups are 21,000. A new project or group cannot be created under an existing project.
- The maximum level of each project group/project is 5. Each project supports importing up to 6,000 devices.

3.1 Creating a Project

Follow the steps below to create a project.

1 Click **Dashboard > All Projects** to enter the project management interface, and then click **Add**.

Ruijie 🖾	🗋 Dash	board 😚 Projec	t 😽 Al Assistant						\$	0 %	×L
All Projects	X	All Devices	A.	Alarms O	2						
My Created(1)	My Received(0)	My Shared(0) Management 🛛 😵 Te	mplate Management	1 Upgrade Policy	Project Name	٩				003	E Ø
Project Name	Alarms	АР	Switch	G.h	n c	OLT ONU	Gateway	Created Time	÷	Actions	
Test1	0	0/0	0/0	0/0	0	/0 0/0	0/0	2025-01-22 15:17:20	a 2	< .	
		-, -									

2 Set basic project information.

Add		X	\times
* Project Name :	Name your project		
Scenarios :	ApartmentHotelOther		
Time Zone :	(GMT+9:00)Asia/Tokyo		
Auto Switch Mode :	Disable Bridge Mode Router Mode		
Location :			
	Failed to load the map. Please refresh the page.		
	Cance		ок

Items	Description
Project Name	Required.
	Set the network name. A maximum of 256 characters are supported.
	Required.
	Defaults: Apartment scenario
	Options:
	Apartment
Scenario	Hotel
Coonano	• Others
	🛄 Note
	For hotels and other scenarios, you can set the same SSID and password for all devices imported to the project. For apartment scenario, you can set a different SSID and password for each device imported to the project.
Time Zone	Default value: (GMT+9:00)Asia/Tokyo
	Required.
	Defaults: Disabled
	Options:
	Disable: Disabling the automatic switching mode function.
Auto Switch Mode	• Bridge: After selecting this option, the working modes of the devices imported into the project will be automatically switched to bridge mode after they go online for the first time.
	• Router: After selecting this option, the working modes of the device imported into the project will be automatically switched to routing mode when they go online for the first time.

Туре	Defaults: Cloud +AP (Manage AP devices through the cloud.)
Bind Location	After binding the geographic location, the number of terminal devices added to the project will be marked and displayed on the Google map.

3 After the "Succeeded" prompt appears, the project is created successfully.

Ruíjie 🖾	🔒 Da	shboard 😚 I	Project 🔠 Al As	sistant	Succeeded.			
All Projects 1	×	All Devices	Ś	Alarms O	2			
My Created(2)	My Received(0)	My Shared(0)						
③ Import	 Add Gro 	up Management	Template Manageme	ent L Upgrade P	olicy Project Name	٩		
Project Name	Alarms	АР	Switch	h G.h	n OLT	ONU	Gateway	Created Time

3.2 Creating Projects in Batches

Follow the steps below to create projects in batches:

1 Click Dashboard > All Projects to go to the project management page, and then click Import.

Ruíjie 🖾	🗋 Dashl	board 88 AI Ass	istant							٤	§ 0	*	< L
All Projects O		All Devices	di.	Alarms O									
My Created(0)	My Received(0)	My Shared(0)											
⊙ Import	Add Sroup	Management 🛛 🗇 Te	mplate Management	1 Upgrade Policy	Project Name	٩) I :	ŝ
Project Name	\$ Alarms	АР	Switch	G	hn	OLT	ONU	Gateway	Created Time	\$	Action	15	
					No data								

2 Click Download Template.



3 Fill in the template.

Project	SN	Alias	Room	Building Name	Remark

Items	Description
Project	Required. Specify project names. The length of a project name cannot exceeds 256 characters.
SN	Optional. Specify the SN of the AP devices.
Alias	Optional.
Room	Optional. Specify the room number where the AP is located. For example: 301. Supports entering 1 to 32 characters.
Building Name	Optional. Specify the building name. Up to 32 characters can be configured.

Remark	Optional.
	Op to 32 characters can be entered.

4 After filling in the template, click **Select a XLSX file** to upload the template.



5 After the "Succeeded" prompt appears, the batch creation is completed. The created project information will be displayed in the list below.

RUIJTE 🖾	🗋 Dasht	ooard 😚 Project	8 Al Assistant	(Succeeded.					© ©	*	×
All Projects	×	All Devices	S.	Alarms O								
My Created(2)	My Received(0)	My Shared(0) Management 🛛 📚 Temp	olate Management	pgrade Policy Project N	lame	Q					0	ΙØ
Project Name	Alarms	AP	Switch	G.hn	OLT	ONU	Gateway	Created Time	r.	Acti	ons	
Project_1	0	0/0	0/0	0/0	0/0	0/0	0/0	2025-01-22 15:24:10	Ð	2	< 1	0 i
Project_2	0	0/0	0/0	0/0	0/0	0/0	0/0	2025-01-22 15:24:10	Ð	2	< :	ø :
									total	of 2 1	10 /	page \vee

3.3 Creating a Project Group

Follow the steps below to create a project group:

1 Click Dashboard > All Projects to go to the project management page, and then click Group Management.

Ruíjie 🖾	🗋 Dashb	oard 🕅 Project	88 AI Assistant						\$	0	% >	: L
All Projects	×	All Devices	1. A.S.	Alarms O	2							
My Created(2)	My Received(0)	My Shared(0) Management 🛛 🕸 Temp	late Management	Upgrade Policy Pro	oject Name	Q				0	1 6	ŝ
Project Name	Alarms	AP	Switch	G.hn	OLT	ONU	Gateway	Created Time $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$		Actions		
Project_1	0	0/0	0/0	0/0	0/0	0/0	0/0	2025-01-22 15:24:10	e 🔽	<	£7	÷
Project_2	0	0/0	0/0	0/0	0/0	0/0	0/0	2025-01-22 15:24:10	e 🔽	<	ø	1
									total of 2	2 1 10) / page	

2 Click Add Project Group.

Group Management							×	×
Groups & Projects(1)	C	ALL		Add P	roject Group	Add Project		
⊕ all		Subgroups & Projects			Groups 8	ι Projects	e q	
		Name 🔶	Created Time	Type No Data	÷	Action		
		First Previous	Page 0 of 0	Next	Last	15 *	Total: 0	

3 Enter a project group name and click **OK**.

Add		×
Group Name	Group 1	
	Cancel	ок

D Note

The length of a project group name cannot exceed 256 characters.

4 After creating a project, select the project group and click **Add Project** to add a project to the project group.

Group Management			×	\times
Groups & Projects(2)	e	Group 1 📅 🔟 🖉 Add Project Group Add Project		
⊕ ALL		Subgroups & Projects	е	
Group 1		Groups & Projects	2	
		Name 💠 Created Time 💠 Type 💠 Action		
		No Data		
		First Previous Page 0 of 0 Next Last 15 Tot	al: 0	

5 After setting the basic project information, click **Save**.

Add Project		
Name	Name your project	
Scenario	Apartment Hotel Other	
Time Zone	(GMT+9:00)Asia/Tokyo	~
Auto Switch Mode	Disable	۷
Bind Location	Enter a location name	
	Failed to load the map. Please refresh the page.	
	Cancel	Sav

Settings	Description
	Required.
Project Name	Set the network name. The length of a project name cannot exceed 256 characters.
Scenario	Required.

	Defaults: Apartment
	Options:
	Apartment
	Hotel
	• Others
	🛱 Note
	For hotels and other scenarios, you can set the same SSID and password for all devices imported to the project. For apartment scenario, you can set a different SSID and password for each device imported to the project.
Time Zone	Defaults: (GMT+9:00)Asia/Tokyo
Automatic switching mode	 Required. Defaults: Disable Options: Disable: Disabling the automatic switching mode function. Bridge: After selecting this option, AP devices imported into the project will automatically switch to bridge mode after they go online for the first time. Router: After selecting this option, AP devices imported into the network will automatically switch to routing mode when they go online for the first time.
Туре	Defaults: Cloud +AP (Manage AP devices through the cloud .)
Location Binding	After binding the geographic location, the number of terminal devices added to the project will be marked and displayed on the Google map.

3.4 Deleting a Project

Follow the steps below to delete a project.

D Note

- The project shared with other tenants cannot be deleted.
- If a project has a device bound to it, it cannot be deleted. To delete it, please remove the device from the project first.
- 1 Navigate to the **Dashboard** > **All Project** > **My Created** configuration interface, put the mouse in the **Action**, and then click **Delete**.

nție 🖾	📄 Dashbo	oard 😚 Project	88 AI Assistant						\$	0 %	×
All Projects 2	×	All Devices	×.	Alarms O	2						
My Created(2)	My Received(0) M	Iy Shared(0) anagement 🛛 🕸 Tempi	ate Management	ograde Policy Project	: Name	Q				• • 1	ΙØ
Project Name	Alarms	АР	Switch	G.hn	OLT	ONU	Gateway	Created Time	÷	Actions	
Project_1	0	0/0	0/0	0/0	0/0	0/0	0/0	2025-01-22 15:24:10	e 14		3 - 1
Project_2	0	0/0	0/0	0/0	0/0	0/0	0/0	2025-01-22 15:24:10	e 14	<	Delete
									total of	2 1 10/	page ∨

2 When the message "Are you sure you want to delete this item?" appears, click **OK**.

My Created(2) My Re	eceived(0) My Shared(0)						
⊕ Import ⊕ Add	Group Management	Tem	plate Management Upgrad	e Policy Project N	lame	2		🔍 O I 🕸
Project Name \$\\$\$	Alarms	AP	Switch	G.hn	OLT	ONU	Gateway	Created Tim O Are you sure you want to delete this item?
Project_1	0	0/0	0/0	0/0	0/0	0/0	0/0	2025-01-22 15:49:10
Project_2	0	0/0	0/0	0/0	0/0	0/0	0/0	2025-01-22 15:24:10 🗧 🛛 🛃 🕹 🗧 🕄
								total of 2 1 10 / page 🗸

3 When the "Succeeded" prompt appears, the deletion is completed.

Ruíjie 🖾	🔒 Dash	board 💮 Project	t 😸 Al Assistant	(Succeeded.				٥	() ×	× II
All Projects 2		All Devices	×.	Alarms O	2						
My Created(1)	My Received(0)	My Shared(0)									
③ Import	Add Sroup	Management 🔅 Ter	mplate Management	Upgrade Policy Project	Name	Q			e	00	ī ©
Project Name	Alarms	AP	Switch	G.hn	OLT	ONU	Gateway	Created Time	÷	Actions	
Project_2	0	0/0	0/0	0/0	0/0	0/0	0/0	2025-01-22 15:24:10	€ ∠	< 1	9 E
									total of 1	1 10/	page \vee

3.5 Editing a Project

Follow the steps below to modify the information of an existing project.

1 Click the edit icon in the **Action** column of the project that needs to be modified.

My Created(1) My Re	eceived(0) N	My Shared(0)							=
⊙ Import ⊙ Add	Sroup M	fanagement 🛛 🕸 Ter	nplate Management	1 Upgrade Policy	Project Name	Q			🜑 O I 🕸
Project Name 👙	Alarms	АР	Switch	G.hn	OLT	ONU	Gateway	Created Time	Actions
Apartment 1	0	0/0	0/0	0/0	0/0	0/0	0/0	2024-11-07 15:4 🕤	∠ < g :
								total	of 1 1 10 / page \

2 After modifying the information as needed, click **OK** to save the configuration.

Edit		25	\times
* Project Name :	Apartment 1		
Scenarios:	Apartment Hotel Other		
Time Zone :	(GMT+9:00)Asia/Tokyo V		
Auto Switch Mode:	Image: Node Image: Node Image: Node		
Location :			
	Failed to load the map. Please refresh the page.		
	C	Cancel	ОК

3 After the "Succeeded" prompt appears, the operation is completed.

Ruífie 🖾	🗋 Dashbo	oard 😚 Project	88 Al Assistant	C	Succeeded.				
All Projects	×	All Devices	de la	Alarms O					
My Created(1)	My Received(0) N	ly Shared(0)							
⊙ Import	Add Group M	lanagement 🛛 🕸 Templa	ate Management Up	pgrade Policy Project Nar	ne Q				•
Project Name	Alarms	АР	Switch	G.hn	OLT	ONU	Gateway	Created Time	\$
Apartment 1	0	0/0	0/0	0/0	0/0	0/0	0/0	2024-11-07 15:40:32	€ ∠

3.6 Sharing a Project

JaCS supports sharing projects with other tenants for joint management. When the specified sharing period expires, the sharing will be automatically cancelled.

The specific steps are as follows:

1 Click the share icon *states* in the **Action** column of the project to be shared.

Te 🖾	🔒 Dashbo	oard 😚 Projec	t 😸 Al Assistant						¢	B (0 X	×
All Projects	2	All Devices	×.	Alarms O	2						
y Created(1)	My Received(0)	Ay Shared(0)	mplate Management	Upgrade Policy	ect Name	Q					T sô
roject Name	Alarms	AP	Switch	G.hn	OLT	ONU	Gateway	Created Time	\$	Actions	± <

2 Set the permission and validity period, and then click **OK**.

Share with		х	×
Permission:	Read & Write Read-only Only check the project		
Validity Period after Acception:	Permanent \lor		
		Cancel	к

Items	Description
Demuiation	Defaults: Read &Write Options:
Permission	 Read &Write: The sharing recipient can view and manage the project.
	 Read-Only: The sharing recipient can only view the project configuration but cannot manage the project.
	Defaults: Permanent
Validity Period	Options: Permanent/1 day/1 week/1 month/1 year/Custom.
after Acception	When you select Custom , you need to specify a concert expiration date. For example, if you set the expiration date to December 31, 2030, the system default validity period is " December 31, 2030 23:59:59 ".

3 Click **Copy** to copy the sharing link.

Message	\times
Please copy and share the following link. The link will be invalid after binding an account.	
https://cloudtest-eu.ruijienetworks.com/admin6/#/dashboard?shareCode=D216C390C34A411CB	B4F91
Cancel	Сору

Successfu	11!	
		ОК

4 Log into the recipient account.

Ruífie 🖾				
			Sign in	34
			Vailir 163.com	
			a	Ø
\sim			Sign in	
			Sign Up Trial Account	Forget Password?
	Privacy 02014-2024	Policy Contact Us I Ruijie Networks Co.	Ltd	

5 After logging in to the recipient account, paste the shared link copied in the step 4 in the address bar of the browser and press **Enter**.

*	6	JaCS CI	loud		×	+					-	(5	×
←	\rightarrow	C	6	https://d	loudtest-e	eu.ruijienet	works.c	:om/admin	16/#/da	shboard?shareCode=D216C390C34A411CB84F9196D9C00268		₹		:
R	uijie	6			🗋 Das	hboard	6	Project	88	Al Assistant 🛛 🕲	0 7	ζ.	× I	L

6 In the pop-up window, click **Receive**.

Message		×
There is a project to be rec	eived. Are you sure you want to receive the project?	
Project:	Test1	
Sharer:	liuy*****_1	
Tenant:	liuyijing_1	
	Ca	ncel Receive

Items	Description
Project	Displays the shared project name.
Sharer	Displays the tenant account to which the shared project belongs.
Tenants	Displays the tenant name to which the shared project belongs.

7 After the "The project has been successfully received" prompt appears, the operation is completed.

Ruíjie 💩	🗋 Dasht	board 💮 Project	88 Al Assistant		The project has been su	uccessfully received.
All Projects 238	×	All Devices 2,341	×.	Alarms		
My Created(419)	My Received(2)	My Shared(52)				

After successfully accepting the shared project, you can switch accounts in the upper right corner of the interface.

Ruíjie 💩	🗋 Dasht	ooard 🕅 Project	88 Al Assista	nt		5	witch Tenants	🔹 🕸 👁 🤹 🔲
All Projects 419	2	All Devices 4,132	×,	Alarms 17	2	l	lailingyar C	lailingyan2000@16
My Created(419)	My Received(2)	My Shared(52)						Access Policy じ Logout

If you don't want the project to be shared with another tenant, you can click **Cancel sharing** on the **My Shared** page to cancel the sharing.

My Created(1) My Received(0)	My Shared(1)					
Project Name Q						C O I 🕸
Project Name		Received User Name	Authority	Receiving Time	Validity Until	Actions
Test1		lailingyan2000@163.com	Reading	2025-01-22 15:34:07	2038-01-02 00:59:59	
						total of 1 1 Cancel sharing

3.7 Handing over a Project

JaCS supports hand over a project to another tenant for management. The specific steps are as follows:

1 Click the handover icon 🐉 in the **Action** column of the project.

Ruífie 🖾	🗋 Dash	i board 😚 Proje	ect 🔀 AI Assist	ant						٥	0 %	×
All Projects	2	All Devices	A.C.	Alarms O	٢							
My Created(1)	My Received(0)	My Shared(0)	Template Management	1 Upgrade Policy	Project Name	م					001	ī ©
Project Name	Alarms	AP	Swit	ch G.	hn	OLT	ONU	Gateway	Created Time		Actions	
Test1	0	0/0	0/0	0 0/	0	0/0	0/0	0/0	2025-01-22 15:24:10	€ ∠	< (9 :
										total of 1	1 10/	page \vee

2 Click Other Tenant, then enter the recipient's email address and click OK.

Hand over Projec	t							23	\times
Tip: After the proj	ect is hande	ed over to and	ther tenant, you c	an not m	anage it any r	more.			
Permission :	⑦ Curr Please enter	ent Tenant	Other Tenant	ator					
	Tenant	1425965							
							Cancel		ж

3 When the "Are you sure you want to hand over the project?" message appears, click **OK**.

()	Message
	Are you sure you want to hand over the project?
	cancel ok

4 After the "Succeeded to hand over the project" appears, the handover is initiated.

Ruífie 🖾	🔒 Dashboa	rd 😚 Project 🗧	8 Al Assistant	Succeeded to har	d over the project.				
All Projects		All Devices	۵۱ ۵	larms					
My Created(1)	My Received(0) My	Shared(1)							
⊙ Import	Add	agement 🛛 🕸 Template	Management 1 Upgra	de Policy Project Name	Q				
Project Name	Alarms	АР	Switch	G.hn	OLT	ONU	Gateway	Created Time	\$
Test1	0	0/0	0/0	0/0	0/0	0/0	0/0	2024-11-07 15:40:32	a I 🖌

D Note

While the recipient has not received the project, the original tenant can still manage the project. Once the project is received by the recipient tenant, the original tenant cannot manage the project any more.

5 After the project handover is initiated, the recipient needs to log in to the system and click the **Take Over Project** on the **My Created** interface to receive the project.

Ruijie 🖾	Â	Dashboa	rd 😚 Projec	t 88 Al Assistant							© ()) 🛪 🗙 🚺
All Projects	×		All Devices	×.	Alarms O	2						
My Created(1)	My Receive	d(0) My	Shared(0)								Take Over Pro	oject
⊙ Import	⊙ Add	③ Group Ma	nagement 🛛 🕸 Te	emplate Management	1 Upgrade Policy	Project Name	Q					0 I 🕸
Project Name	¢	Alarms	АР	Switch	G.hn		OLT	ONU	Gateway	Created Time	\$ Ad	tions
Apartment-tes	u	0	0/1	0/0	0/0		0/0	0/0	0/0	2025-01-21 11:31:12	€ 2	< 0 1
											total of 1 1	10 / page \vee

Note

The number in the red circle in the upper right corner of the **Take Over Project** button represents the number of projects currently waiting to be received.

6 Click Take Over to take over the project. If you do not want to take over the project, please click Refuse.

Take Over Project		×
		💽 Q 王 尊
Project Name	Owner	Actions
Test1	liuyijin	Take over Refuse
		total of 1 1 10 / page V

7 When "Are you sure you want to take over the project" appears, click **OK** to complete the operation.



4 Device Management

Currently, JaCS supports manage APs, switches, G.hn, OLT, ONU and gateways. For specific supported models, refer to <u>Section 1.3</u>. Click the device type icon to enter the corresponding management interface.

Ruífie 🖾	Dashboard 😚 Project 器 AI Assistant	\$ 0 × X 🚺
& Apartment-te V	Total Number of Devices:1	
🗇 Overview	0 Gateway at 0 Switch in 1 AP Gin O Ghn O OLT OU 0 ONU	
 Devices 		
D Client		
Smart Simplicity	Add Upgrade Web QLI eWeb Import Device O More SNLMAC,Allas Q.	C Q I 🕸
	No data selected	
Roaming	Project Name Online Status T SN	Firmware V Actions
Configuration		
≇ Device Config >		
Auth & Account >	No data	
Monitoring		
ា៍ Network Details >		
Alarms		
Logs >		
Upgrade		
Ø Firmware		
Opprade		

4.1 AP

This section mainly introduces the AP management interface and management operation steps, including:

- <u>AP Management Interface</u>: Introduces to the AP management interface of JaCS.
- Adding APs : Introduces how to add or batch add APs to an existing project.
- Deleting APs: Introduces how to delete or batch delete APs from a project.
- Moving APs: Introduces how to move an AP from its current project to another project.
- Restarting APs: Introduces how to remotely restart an AP through JaCS.
- Restoring APs to Factory Settings: Introduces how to restore an AP to factory settings through JaCS.
- Delivering Configuration via Web CLI: Introduces how to send configurations to APs via the WEB CLI.
- Accessing the AP's eWeb: Introduces how to use JaCS to create a tunnel to access the WEB GUI of an AP.
- Initial Configuration Template Management: Introduces how to use the initial configuration template to configure the AP180 series access points in the project.
- Device-specific Configuration Template Management : Introduces how to use and manage the device-specific configuration template to configure APs.

4.1.1 AP Management Interface

After creating a project, click **Project** > **AP** to enter its AP management interface.

Ruíjie 🖾	 Dashboard Project Al Assistant O 	≫ X
🞄 Apartment-te \vee	Total Number of Devices:1	
C Overview	0 Gateway at 0 Switch 1 AP Gateway 0 Ghn are 0 OIT 00 0 ONU	
 Devices 		
D≓ Client		
Smart Simplicity	Add Upgrade Web CL eWeb O More SN.MAC.Alias.Room,Building Name,Remarks Q) I 🕸
RF Planning	No data selected	
Roaming	Project Name Online Status V SN © Config Status V MAC Model Alias © MGMT IP Egr	Actions
Configuration	Apartment-test1 • Not Online Yet G1234567 Not Synchronized Empty	÷
≆ Device Config >		
Auth & Account >	total of 1	0 / page 🗸
Monitoring		
iii Network Details >		
Alarms		
Logs >		
Upgrade		
Ø Firmware		
↔ Upgrade		

Items	Description				
Project Name	Displays the names of the projects where APs reside.				
SN	Displays the serial numbers of APs. Click the SN of an AP to display its detailed information.				
	Displays the online status of APs on the cloud. The status of the device includes: Online/Offline/Not Online Yet. Click the filter icon 👅 to filter devices by online status. Note:				
	• Online : The device is online and communicating with the cloud normally. After the device is online, it will maintain a connection with the cloud every 3 minutes.				
Online Status	• Offline : The device has been disconnected from the cloud, but the physical connection is not affected. If the device fails to connect for three consecutive times, it will change from the Online state to the Offline state.				
	• Not Online Yet: The device has never been connected to the cloud. When an AP is added to a project on the cloud, but is not powered on, its status will also be shown as "Not Online Yet".				
Config Status	Displays the configuration status of APs. The configuration status includes: Switching mode/Not Synchronized/Synchronizing/Synchronized/Synchronize Failed. Click the filter icon T to filter devices according to their configuration status.				
MAC	Displays the MAC addresses of APs.				
Model	Displays AP models.				
Alias	Displays the aliases of APs.				
MGMT IP	Displays the management IP addresses of APs.				
Egress IP	Displays the egress IP addresses of APs.				
Firmware Version	Displays the firmware versions of APs.				
Last See On	Displays the last online time of the APs.				
Actions	Delete button is available on the Action column. Click the delete button to remove the device from the project.				
Button	Description				
----------	---				
🕀 Add	Add button. Click this button to enter the device adding interface.				
Upgrade	Upgrade button. After selecting the device, click this button to remotely upgrade the device.				
Web CLI	Web CLI button. Click this button to enter WEB CLI page to deliver configurations to the device.				
eWeb	eWeb button. Select an AP, and click this button to can access the eWeb of the device.				
More	Click this button to display more operation buttons, including move to , delete , reboot , set initial settings and restore factory settings .				
	Automatic refresh switch button. The automatic refresh function is enabled by default. When it is enabled, the AP device list will automatically refresh once every minute.				
е	Refresh button. Click this button manually to refresh the AP device list.				
<u>1</u>	Row height adjustment button. Click this button to adjust the row height.				
礅	Click this button to customize the displayed items in the AP list.				

After clicking the SN of a device in the AP list, you can view its details information

Add Upgrade Web No data selected	CLI eWeb 🖾 More	Please enter to search	Q				Ω ፤ ‡
Project Name	Online Status	SN	Config Status 📱	MAC	Model	Alias	Actions
ai_home_for_test	• Online	G1QH9XW000706	Synchronized	9c2b.a67c.858f	RG-MA2810	AI-主节点∠	4
ai_home_for_test	• Online	G1QH9XW001618 MESH	Synchronized	9c2b.a67c.88c2	RG-MA2810	AI-子节点▲	1
						total of 2 1	10 / page ∨
Device Detail							× ×
AP Info							
SN: G1QH9XW000706	MAC: 9c2b.a	67c.858f	MGMT IP: 58.	159.14.218	Model: RC	5-MA2810	
Config Status: Synchronized	Hardware Ver	sion: V2					
Firmware Version: MA_1.1(1)B5	P6, Release(09190610), Revis	ion(b49a64d3f)					
Alias: Al-主节点 🖊							
Description: 🙎							
SSID: C							
Overview Configuration	Diagnosis Back up	Device Log					
Status							
 Online 	Memory	Usage 🕐	CPU Usage	?	Alarms : 0)	
• Online Clients: 5							
 Clients with Weak Signal 	1:0	86%		4%			
Connectivity						Last 24 Hours Las	st 7 Days

Tabs	Description
Overview	In this tab, you can view the device's statistics, including memory usage, CPU usage, alarms, connection status with the cloud platform, traffic information, radio frequency information, client information, etc.
Configuration In this tab, you can set the AP's eWeb password.	
Diagnosis In this tab, you can diagnose the device through the Web CLI, tunnels and log of	
Back up In this tab, you can back up and export the current configuration of the AP.	
Device Log	In this tab, you can view the logs of the device.

D Note

The tabs displayed in the Device Detail page vary from different device models. Please subject to the actual tabs displayed.

4.1.2 Adding APs

JaCS provides two ways to add APs to a specific project.

- Adding an AP
- Adding APs in Batches

4.1.2.1 Adding an AP

This method is suitable for scenarios where you only need to add a few devices to an existing project. The specific steps are as follows:

1 Enter the **Project** interface, select the project where the AP is going to be added, and then click **AP** to go to the AP management interface.

Ruífie 🖾	Dashboard 🕜 Project 🔀 Al Assistant	© ©	* × 🔳
ي Test1 ک	0 Gateway 0 Gateway 0 Ghn 0 Ghn Alarm Statistics		>
Overview		Uncleared	0
Devices		Today	0

2 Click Add to go to the adding interface.

Rujje 💩	Dashboard OP Project St Al Assistant	© % X (
🔹 Test1 🗸 🗸	Total Number of Devices0	
Dverview	atte 0 Gateway att 0 Switch and 0 AP atte 0 Ghn atte 0 OIT and 0 ONU	
Devices		
Die Client		
Smart Simplicity	Add Upgrade Web C1 eWeb C More SN. MAC.Alias.Room.Building Name.Remarks Q.	🔍 O I 🕸
	No data selected	
Roaming	Project Name Online Status V SN 💠 Config Status V MAC Model Alias 💠 MGM	T IP Egre Actions
Configuration		
莘 Device Config >		
Auth & Account >	No data	
Monitoring		
រារ៍ Network Details >		

3 Click Add a Device.

device Add		х	×
	Download and fill in the template. Up to 200 records can be imported		
	Tads" File Download Template		
	<u>Click to select devices parsing rule</u> (Deafult Template)		
Add a Device			

4 Enter the device's SN (required) and alias (optional). If you need to add multiple APs, click + to add them. After enter the SN, click **OK**.

devic	e Add	24	\times
	1 SN Alias 1 +		
	Batch Import	ж	

5 After the "Add Succeeded" appears, the operation is completed. The added device will be displayed in the AP list.

Message		×
	Add succeeded	

4.1.2.2 Adding APs in Batches

This method is suitable for the situation where no more than 200 devices need to be imported in batches at one time.

Follow the steps below to import APs into an existing project in batches for management.

1 Enter the **Project** interface, select the project where the APs is going to be imported, and then click **AP** to go to the AP management interface.

Ruífie 💩	Dashboard 🔞 Project 🕺 Al Assistant		© ©	% X 🔳
å Test1 ∨		Alarm Statistics		>
C Overview	0 Gateway 0 GAP		Uncleared	0
 Devices 	0 ONU		Today	0

2 Click Add to go to the adding interface.

Ruíjie 🖾	Dashboard O Project S Al Assistant	🕸 Ø 🦄 🗙 🚺
å Test1 ∨	Total Number of Devices0	
C Overview	0 Gateway at 0 Switch 0 AP C 0 Ghn at 0 OII	
Devices		
DP Client		
Smart Simplicity	Add Upgrade Web CLI eWeb O More SNLMAC,Alas,Room, Building Name,Remarks Q	O I 🕸
	No data selected	
Roaming	Project Name Online Status T SN 💠 Config Status T MAC Model Alias 💠 MGHT	IP Egre Actions
Configuration		
蔀 Device Config >		
Auth & Account >	No data	
Monitoring		
해 Network Details >		

3 Click **Download Template**. (Up to 200 devices can be imported via the template each time.)

device Add	×	\times
Download and fill in the template. Up to 200 records can be imported		
Image: Second		
<u>Click to select devices parsing rule</u> (Deafult Template) Add a Device		

- **4** Fill in the template, and then click **".xls" File** to upload the template or your custom template. The imported device will be displayed in the AP list.
 - > Introduction to the default batch import template:

If the project scenario is set to hotel or others, the batch import template is as follows:

	A	В	C	D
1	SN	Alias	Latitude	Longitude
2				
3				

Items	Description
SN	Required. Enter the SN of the device. The length should range from 6 to 20 characters. Example: G1PD7PW00060B
Alias	Optional. Specify the alias of the device. Up to 64 characters can be entered.
Latitude	Optional. Latitude range: - 90° to 90°
Longitude	Optional. Longitude range: -180° to 180°

If the project scenario is set to the apartment, the batch import template is as follows:

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

Items	Description
Model	Optional. Enter the product model. For example: RG-AP180-PE
SN	Required. Specify the device SN. The SN length ranges from 6 to 20 characters. For example: G1PD7PW00060B
MAC	Optional. Specify the MAC address of the device.
PN	Optional. Specify the part number, which can be left blank.
SSID	Optional. The length of the SSID ranges from 4 to 32 characters. The supported characters include letters, numbers, and special symbols ("_", "-", "." or "@"). When setting multiple SSIDs, separate them with commas (,), such as: ssid-test1, ssid-test2.
SSID Password	Optional. The length of the password should range from 8 to 32 characters. The supported characters include letters, numbers, and special symbols (@!*#<>=[]()). When setting multiple passwords, separate them with commas (,), such as: 88888888rrrrr, 9999999ddddd.
Alias	Optional. Specify the alias of the device. Up to 64 characters can be configured.
Room	Optional. Specify the room number where the AP is located. For example: 301. Supports entering 1 to 32 characters.
Building Name	Optional. Specify the building name. Up to 32 characters can be configured.
Remark	Optional.

Up to 32 characters can be entered.	
-------------------------------------	--

> Introduction to the custom batch import template:

To use a custom configuration template, follow these steps to customize a template:

1) Click "Click to select devices parsing rule".



2) Click 2 to modify the default parsing rules, or click the Add button to add new rules.

🗘 Add								
Check	Name	SnPosition	SsidPosition	SsidPasswordPosition	RoomPosition	BuildingNamePosition	RemarkPosition	Action
0								HO
				Previous 0/0	Next			

Items	Description
Name	Specifies the template name.
SnPosition	Specifies the starting column position of SNs in the template.
SsidPosition	Specifies the starting column position of SSIDs in the template.
SsidPasswordPosition	Specifies the starting column position of SSID passwords in the template.
RoomPosition	Specifies the starting column position of room numbers in the template.
BuildingNamePosition	Specifies the starting column position of building names in the template.
RemarkPosition	Specifies the starting column position of remarks in the template.

D Note

- Users can customize the parsing rules in Excel files from columns A1-Z1 and rows 1-15.
- The custom template format supports .xls only.
- If an entry is left blank, it will not be imported when the template is uploaded.
- 3) After setting the rules, click the save icon. When "Do you want to save the parsing rule" appears, click **OK**.

Add Check	Name	SnPosition	SsidPosition	SsidPasswordPosition	RoomPosition	BuildingNamePosition	RemarkPosition	Action
0	Custo	A1	B1	C1	D1			(E) o
				Previous 0/0	Next			

4) After the "The parsing rule added successfully" prompt appears, the rule is added.

Message The parsing rule added successfully.

5) Create a new blank .xls file, fill in the relevant information in the corresponding position and save it.

 \times

	A	B	C	D
1	12345667	SSID-TEST	admin@ruijie	101
2				

4.1.3 Deleting APs

JaCS provides two ways to delete an imported AP from a specific project.

- Deleting a AP
- Deleting APs in Batches

4.1.3.1 Deleting a AP

Follow the steps below to delete an AP from a specific project.

1 On the **Project** interface, select the project where the AP resides, and then click **AP** to enter the AP management interface.

Ruífie 💩	Dashboard 🛛 Project 🛛 🕫 Al Assistant	\$ Ø ¾ X 🔲
🔹 Test1 🛛 🗸	International Provinces	
C Overview		
 Devices 		
D Client		

2 Hang over your cursor on the i icon in the Action column of the AP to be deleted, and then click Delete.

• Add	Upgrade Web	CLI eWeb O More	Please enter to sear	rch Q					Q <u>I</u> ₿
No da	ata selected								
	Project Name	Online Status 🛛 🗑	SN	Config Status 📱	MAC	Model	Alias	MGMT IP	Egr Actions
	Test2	Not Online Yet	125642300	Not Synchronized			Empty		
								total of	Delete

3 When the deletion confirmation prompt appears, click **OK**.



4 When the "Succeeded" prompt appears, the operation is completed.

Ruíjie 🖾	🗋 Dashboard 🕱 Pro	ject 88 Al Assistant		Succeeded.		
😹 Test1 🗸 🗸	Total Number of Devices:0					
D Overview	Gateway	== 0 Switch	O AP	0 Gebr		
 Devices 	• Gacing	• Shide				

4.1.3.2 Deleting APs in Batches

Follow the steps below to delete APs in batches:

1 Select the APs to be deleted, click **More**, and then click **Delete**.

⊕ Add	Upgrade We	b CLI	eWeb O More Pleas	e enter to search	Q					0 I 🕸
 1 rec 	Project Name	Onl	Move to Delete	N	Config Status 📱	MAC	Model	Alias	MGMT IP	Egn Actions
V	Test2	• 1	Reboot Set Initialize Configuration	0	Not Synchronized			Empty		1
			Restore Factory Settings						total of 1	1 10 / page \

If you want to delete all APs, you can check the Select All checkbox.

⊙ Add	Upgrade We	b CLI eWeb 🛛 🖓 Mor	SN, MAC, Alias, Root	om,Building Name,Remarks	Q		• (② 王 ②
	Project Name	Online Status	SN	🚖 Config Status 📱	MAC	Model	Alias	Actions
✓	V2.0.1_S1	Offline	SN35114648790	SH Synchronized	9c35.1141.1466	RG-MA3511-AC	Empty	:
~	V2.0.1_S1	Not Online Yet	GN3M5Z010028	Not Synchronized			TEST2	:
~	V2.0.1_S1	Not Online Yet	GN3M5Z010029	Not Synchronized			TEST3	:
~	V2.0.1_S1	Not Online Yet	GN3M5Z010030	Not Synchronized			TEST4	:
~	V2.0.1_S1	Not Online Yet	GN3M5Z010031	Not Synchronized			TEST5	:
	V2.0.1_S1	Not Online Yet	GNM5Z1010027	Not Synchronized			TEST1	:
							total of 6 1	10 / page \vee

2 After "Are you sure you want to delete the device?" prompt appears, click **OK**.

① Add	Upgrade	Are you	sure you want to delete?	se enter to sear	rch Q
 2 reco 	ords selected Clear		cancel ok		
	Project Name	Onl	Delete	N	Config Status 🔻
~	Test2	• 1	Reboot Set Initialize Configuration	>	Not Synchronized
<u>~</u>	Test2	• 1	Restore Factory Settings	o	Not Synchronized

3 After the "Succeeded" prompt appears, the operation is completed.

Ruífie 🖾	📄 Dashboard 🗑 Pro	oject 🐰 Al Assistant		Succeeded.		
📽 Test1 🗸 🗸	Total Number of Devices:0					
D Overview	Gateway	0 Switch	(g) 0 AP	Ghn	ONU ONU	
 Devices 	• outerray	• Switch				

4.1.4 Moving APs

Follow the steps below to move an AP of a project to another project. After moving, all configurations and rules of the new project will be applied to the AP.

1 Select the AP to be moved.

Add1 rec	Upgrade Wel	o CLI eWeb O More	Please enter to sear	ch Q							Q I 🕸
	Project Name	Online Status 🛛 🗑	SN	Config Status 🝸	MAC	1	Model	Ali	as	MGMT IP	Egr Actions
	Test2	Not Online Yet	15566220	Not Synchronized				Emp	y 🖊		÷
										total of 1	1 10 / page ∨

2 Click More and select Move to.

Add1 res	Upgrade Web	CLI	eWeb O More Pleas	e enter to search	٩					Q I 🕸
	Project Name	Onl	Move to Delete	N	Config Status T	MAC	Model	Alias	MGMT IP	Egn Actions
	Test2	• 1	Reboot Set Initialize Configuration)	Not Synchronized			Empty		:
		۰.	Restore Factory Settings						total of 1	1 10∕page ∨

3 Select the new project and click **OK** to complete the operation.

Select Project	\times \times
놂 Test1	Q
 ♥ liuyijing_11@foxmail.com ♥ Group 1 ♣ Test2 ♣ Test1 	

4.1.5 Restarting APs

Follow the steps below to restart a AP remotely via JaCS.

1 Select the devices that need to be restarted.

Add1 reconstruction	Upgrade Web	CLI O More	Vease enter to search	Q					0 I ©
	Project Name	Online Status 🛛 🗑	SN	Config Status 🝸	MAC	Model	Alias	MGMT IP	Egr Actions
	Japan Office	• Online	G1QD4UU003617	Synchronized	300d.9e88.ab20	AP850-1(V2)	AP01	192.168.2.19	221.11 :
	Japan Office	Online	G1RP5EB02911C	Synchronize Failed	7085.c488.fd7f	AP880-AR	AP02-2	192.168.2.113	221.11 :
								total of :	2 1 10/page ∨

2 Click More, and then click Reboot.

1 rec	ords selected Clear	Move to								
	Project Name	Delete	SN	Config Status 📱	MAC	Model	Alias	MGMT IP	Egn	Actio
	Japan Office	Reboot Restore Factory Settings	1QD4UU003617	Synchronized	300d.9e88.ab20	AP850-1(V2)	AP01	192.168.2.19	221.11	:
	Japan Office	Online	G1RP5EB02911C	Synchronize Failed	7085.c488.fd7f	AP880-AR	AP02-2	192.168.2.113	221.11	:

3 When the operation confirmation box appears, click **OK** to complete the operation.

()	Message
	Are you sure you want to reboot the device?
	cancel

4.1.6 Restoring APs to Factory Settings

Follow the steps below to restore an AP to factory settings. This function is only supported on RG-AP180 series access points.

1 Select the AP to be restored to factory settings.

Add I reco	Upgrade Web	CLI eWeb O	More Please enter to search	Q					Q	1 🕸
	Project Name	Online Status	SN	Config Status 📱	MAC	Model	Alias	MGMT IP	Eg	Actions
	00Demo用環境	• Online	C234942572007	Synchronized	00d0.2312.446d	AP180-PE	Empty	192.168.2.13	112	:
	00Demo用環境	• Online	G1QH8XW000981 (MESH	Synchronized	ecb9.704e.7aa6	RG-MA2810	602	192.168.143.77	111.2	:

2 Click More, and then click Restore Factory Settings.

⊙ Add	Upgrade Web CLI	eWeb O More Pleas	e enter to search	Q					Q	工命
1 reco	ords selected Clear	Move to								
	Project Name Onl	Delete	N	Config Status 📱	MAC	Model	Alias	MGMT IP	Eg A	Actions
<u>~</u>	00Demo用環境	Reboot Set Initialize Configuration	007	Synchronized	00d0.2312.446d	AP180-PE	Empty	192.168.2.13	112	:
	00Demo用環境	Restore Factory Settings	0981 (MESH	Synchronized	ecb9.704e.7aa6	RG-MA2810	602 🖍	192.168.143.77	111.2	-

3 When the confirmation box appears, click **OK** to complete the operation.

()	Message
	Are you sure you want to restore the device to factory default settings?
	cancel

4.1.7 Delivering Configuration via Web CLI

Click **Web CLI** to open the device's Web CLI interface. Web CLI is mainly used to view device configuration information, diagnose device connectivity, and view device operating status. Also, Web Console provides a function similar to Telnet, which can remotely connect to the device and manage the device by entering the CLI commands, which is convenient and easy to use.

eb CLI					×
SN:C234942572007				Background color:	Clear
Diagnose Web 0	Console				
General >	Version	Please select the	target operation on the left		
Connectivity >	Running Config				
Running Status >	Startup Config				
Client >	Log				
WLAN >	Current Mode				
Wireless Secu >	Current Time				
Wireless Secu >					

4.1.8 Accessing the AP's eWeb

Follow the steps below to access the AP's eWeb via JaCS:

1 Select the device and click **eWeb**.

Add Add 1 reco	Upgrade Web	CLI eWeb 🛛 M	Please enter to search	Q				③ 王 愆
	Project Name	Online Status 🍸	SN	Config Status 🍸	MAC	Model	Alias	Actions
	00Demo用環境	Online	C234942572007	Synchronized	00d0.2312.446d	AP180-PE	Empty 🖊	

2 After creating the tunnel, the eWeb interface of the device will automatically open in a new tab. If the eWeb of the device does not open automatically, you can click **click here** to jump manually or try to recreate the tunnel.



4.1.9 Initial Configuration Template Management

Once an initial configuration template is applied to a project, JaCS will send the configuration in the template to the APs in the project when they go online for the first time. Currently, this function only supports RG-AP180 series access points and RG-MA3511 series products.

4.1.9.1 Creating an Initial Configuration Template

Navigate to **Dashboard > My Created > Template Management** to enter the initial template configuration management interface. And then follow the steps below to create an initial configuration template:

1 Click Add.

emplate Management						>
Config Template List@(The configuration template is	applicable only to AP180 series	access points.)			C 🛤 - M
Add					Template Name	Q Search
Template	Name	Status	Latest Update on	Descri	iption	Action
			No Data			
					_	

2 Enter the template name (required), template description (optional), select the template status, and then click **Save**.

Add		×
Template Name	Please enter the template name.	*
Description	Please enter the template description.	
Enabled		
		Save

D Note

- The template is disabled be default.
- The length of template name cannot exceed 64 bytes, and the length of the description cannot exceed 128 bytes.
- **3** After saving the template, click **Edit** to further configure the template.

Add	\times
Save succeeded.	
Next, you can configure the detail settings of the template. 🗹 Edit	
	Cancel

4 Set the initial template configuration as needed. After the specifying the configuration, click **Save**.

The initial configuration template consists of the following parts: template basic information, basic configuration, wireless configuration, security configuration, factory configuration and other configuration interfaces.

Modify				×
Template Info Template Name Test1 Basic Wireless Configuration	* Description	Please enter the template descri	ption. Enabled 💭 Sav	re
Wireless Configuration WPS	Encryption Mode 🛛 Open	~		
Radio1(2.4GHz)		Radio2(5GHz)		
ON/OFF STA Limit@		ON/OFF STA Limit 0		
Bandwidth	20MHz V	Bandwidth	20/40/80MHz V	
Channel	Auto (CH1-11) 🗸	Channel	Auto (W52+W53+W56) 🗸	
Network Settings DNS 1 Enter the DNS Security eWeb Settings eWeb () User Name	DNS 2 Enter the DI	NS *		
Telnet Settings@ Config Delivery Advanced IPv6 Pass-throughGi0/1(WAN) Time Synchronization	Gi0/2(LAN) SSID			

(1) Template Information

In the template configuration tab, you can modify the template name, template description and template status. After modifying the information, click **Save**.

Template Info					
Template Name	Test	* Description	Please enter the template description.	Enabled 🔍	Save

(2) Basic Configuration

The Basic configuration tab includes wireless configuration, network settings, security settings and advanced settings. The specific configuration items are as follows:

Basic Wireless Configuration	Security Factory Settings Others		
Wireless Configuration			
WPS 💽	Encryption Mode 🛛 Open	~	
Radio			
Radio1(2.4GHz)		Radio2(5GHz)	
ON/OFF		ON/OFF	
STA Limit 🛛		STA Limit	
Bandwidth	20MHz 🗸	Bandwidth	20/40/80MHz 🗸
Channel	Auto (CH1-11)	Channel	Auto (W52+W53+W56)
Network Settings DNS 1 Enter the DNS Security eWeb Settings eWeb Config Config Delivery Config Delivery Advanced IPv6 Pass-throughGi0/1(WAN) Time Synchronization Config Co	DNS 2 Enter the DNS * eWeb Password Gi0/2(LAN) _SSID	*	
	Sav	e	

Items	Description		
Wireless Configuration			
WPS	The WPS is enabled by default. WPS, or Wi-Fi Protected Setup, is a network security designed to simplify the process of connecting devices to a secure wireless network. It was developed by the Wi-Fi Alliance to make it easier for users to set up and manage their Wi-Fi networks without needing to remember complex passwords or go through complicated configuration processes.		
Encryption	Defaults: Open. Options: Open, WPA -PSK, WPA2-PSK, and WPA/WPA2-PSK		

Radio Frequency	
ON/OFF	Radio frequency switch button. Radio 1 (2.4GHz) and Radio 2 (5GHz) are enabled by default.
SAT Limit	Optional. Set the limited number of SATs allowed to access the AP. Range: 1-100.
	Defaults:
	Radio1 (2.4GHz) —— 20 MHz ;
	Radio2 (5GHz) —— 20/40/80MHz.
Bandwidth	Options:
	Radio1 (2.4GHz): 20 MHz and 20/40 MHz
	Radio2(5GHz): 20 MHz; 40 MHz; 80 MHz; 20/40 MHz; 20/40/80 MHz; 20/40/80/160 MHz
	Defaults:
	Radio1(2.4GHz) —— Auto (CH1-11) ;
Channel	Radio2(5GHz) —— Auto (W52+W53+W56)
Channel	Options:
	Radio1(2.4GHz): Auto (CH1-11); Auto (CH1-13)
	Radio2(5GHz): Auto (W52+W53); Auto (W52); Auto (W52+W53+W56)
Network Settings	
DNS 1	Optional. Set the preferred DNS
DNS 2	Set the alternative DNS.
Security Settings	
eWeb 💽	The eWeb is enabled by default.
User name	Set the eWeb login account name. Defaults : admin
	Set the login password for eWeb.
eWeb	The password length must range from 8 to 31 characters. The supported characters include letters, numbers, and special characters (@!*#<>=[]()).
Telnet	
	Defaults: Disabled.
Config Delivery	It is not recommended to enable this feature. If this feature is enabled and a Telnet password is configured, the Telnet password will be sent to the device. If this feature is enabled but a Telnet password is not configured, the Telnet password configuration of the device will be cleared.
Advanced Settings	
	Defaults: N/A.
IPv6 Pass-through	You can configure the IPv6 pass-through function to control the device's ability to forward IPv6 packets. If the IPv6 pass-through function is disabled, the device will discard received IPv6 packets, thus preventing irrelevant IPv6 packets in the network from occupying device operating resources and affecting network performance.
	Options: Gi0/1(WAN), Gi0/2(LAN) and SSID
 Time	Defaults: Enabled.
Synchronization	through the NTP protocol so that the device time will be consistent with the time on the NTP service.

(3) Wireless Configuration Tab

Basic Wire	less Configuration	Security	Factory Settings	Others				
Hide SSID 0								
5G-prior Acces	s							
Client Limit @		Ra	nge: 1-256	(1-256)				
					Save			
								Cancel

Items	Description
Hide SSID	Defaults: Disabled.
5G-prior Access	Defaults : Disabled. When the 5G-prior access is enabled, the device preferentially guides clients to access the 5GHz band.
Client Limit	Optional. Set the limited number of clients that can be connected to each AP (Range: 1-256). If it is left blank, it means that no number limit.

(4) Security Configuration Tab

Basic Wireless Configuration	Security Factory Settings Others
User Isolation 🛛	\bigcirc
Communication Mode	⊖Broadcast 오 Unicast ⊝Multicast
	Save

Items	Description
	Defaults: Disabled
	Set user isolation mode.
User Isolation	Currently only supports Layer 2 isolation. When user isolation is enabled, intra- SSID isolation, inter-SSID isolation, and LAN - WLAN isolation are automatically enabled by default.
	Options:
	Inter-SSID: When the inter-SSID isolation is enabled, clients under different SSIDs will not be able to communicate with each other.
	Intra-SSID: When the intra-SSID isolation is enabled, clients under the same SSID will not be able to communicate with each other.
	LAN-WAN: When the LAN-WAN isolation is enabled, clients under the LAN and SSID will not be able to communicate with each other.
Communication	Defaults: Unicast.
Mode	Options: Broadcast/Unicast/Multicast

(5) Factory Configuration Tab

The factory settings refer to the configurations kept after the device is restored to factory settings. The factory settings take effect only after resetting the device by pressing its reset button. After the factory settings take effect, all global configurations and other configurations will be cleared.

You can use an existing template or click Manage to create a new one. The specific steps are as follows:

a. Click Add to enter the template creation interface.

Factory Configuration									×
Add	ID Subnet Mack	Gateway	15 1	WI AN Planning	2.4G Channel	Name	lleare	C C	•
Name	IP Subnet Mask	Gateway	N	Data	2.44 Channel	so channel	Users	Action	
								ОК	
Add									×
Network Settings									
Name			*	IP	Static IP	∨ e.g. 1	92.168.1.	× *	
Subnet Mask	Subnet Mask, e.g. 25	5.255.255.0	*	Gateway	Gateway a	ddress, e.g. 19	2.168.1.1	*	
DNS 1	Enter the DNS		*	DNS 2	Enter the [ONS			
Wireless Configur	ation								
WPS		WPS Butto	n		IPv6 Pass	-through 🤇	0		
2.4G Channel	Auto (CH1-11)		*	5G Channel	Auto (W5	2+W53+W56)		*	
2.4G STA Limit	30		*	5G STA Limit	30			*	
WLAN Planning	○ 2.4G & 5G in the sa	me WLAN 🛛 🤡	2.4G &	5G in different WLAN	S				
User Settings of e	Web								
				+Add)				
							Cancel	ОК	٦

Items	Description			
Network Settings				
Name	Required. Specify the template name.			
IP	Optional. Specify the IP address. Supports configuring static IP or obtaining IP address through DHCP.			
Subnet Mask	Required. Specify the subnet mask.			
DNS 1	Required. Set the preferred DNS.			
DNS 2	Optional. Set the alternative DNS address.			
Wireless Setup				
WPS	Defaults: Enabled			
WPS Button	Defaults: Enabled. Used to control whether the WPS button on the device panel works.			
IPv6 Pass- through	Defaults: Enabled.			

2.4G Channel	Defaults: Auto (CH1-11). Options: Auto (CH1-11) /Auto (CH1-13)
5G Channel	Defaults : Auto (W52+W53+W56). Options : Auto (W52+W53); Auto (W52); Auto (W52+W53+W56)
2.4G STA Limit	Required. Set the limit number of STAs allowed to access 2.4 GHz. Defaults : 30
5G STA Limit	Required. Set the limited number of STAs allowed to access 5GHz. Defaults : 30
WLAN Planning	Defaults : 2.4G and 5G are in different WLANs. Options : 2.4G & 5G in the same WLAN; 2.4G & 5G in different WLANs .
eWeb Account S	ettings
Username	Defaults: admin.
Password	Set the password for the admin user.

b. After filling in the required information, click **OK** to save the factory configuration template.

Add			:
Network Settings			
Name	TEST	* IP	DHCP • e.g. 192.168.1.x
DNS 1	202.96.128.166	* DNS 2	Enter the DNS
Wireless Configur	ation		
WPS	WPS Butte	on 💽	IPv6 Pass-through
2.4G Channel	Auto (CH1-11)	✓ ★ 5G Channel	Auto (W52+W53+W56) •
2.4G STA Limit	20	* 5G STA Limit	30 *
WLAN Planning	○ 2.4G & 5G in the same WLAN 🥑	2.4G & 5G in different WLANs	
User Settings of e	Web		
	User Name admin	Password	×
	·		

c. Once a template is created, it will be displayed in the list. Click **OK** to return to the factory setting page.

Factory (Configuration										×
										e :	Į.
Add								Name		Q Search	
	Name	IP	Subnet Mask	Gateway	DNS 1	WLAN Planning	2.4G Channel	5G Channel	Users	Action	
	TEST	DHCP			202.96.128.166	2.4G & 5G in different WLANs	Auto (CH1-11)	Auto (W52+W53+W56)	admin	C 🖻]
										ОК	٦

d. Pull down the selection box and select the newly created template, and then click **Save**.

Modify			×
Template Info Template Name Test1	* Description Please enter the template description.	Enabled 💭 Save	
Basic Wireless Configuration Security Factory Sett OSelect Factory Setting TEST	Manage Details		
	Save		
		Cance)

D Note

- After restoring factory settings, you need to press the device's reset button to make the factory settings take effect. After the settings take effect, all global configurations and other configurations will be cleared.
- If you change the factory settings of the template, it will take effect in all projects to which the template is applied. Only the factory setting template that has not been applied can be deleted.

(6) Other Configuration Tabs

The Other configuration tab supports setting scheduled restarts, managing LED lights, and remotely disabling or enabling the buttons on the device.

Basic Wireless Conf	figuration Security Factory Settings Others
Periodical Restart	
	OSimple Policy ♥ Sophisticated Policy Date Monday ♥ Start Time 00:00 ♥ +
LED	○Enabled ○Disabled ♂LED Schedule ๏
	Date Monday v Time 02:00 - 03:00 • +
Panel(You can enable	e or disable buttons on the faceplate in the follows.)
WPS	
Reset	•
Power	0
Power on Status	⊖ Standby 🥏 Run
	Save

Items	Description
	Restart the switch in a specific time. This function is disabled by default.
Periodical Restart	After it is enabled, you can configure the scheduled restart policy. Currently, two types of policies are supported, simple policy and complex policy.
	Simple policy can specify a fixed time of a day to restart the device. Complex policy can specify a certain time of day to restart the device every week.
	Click the + icon to add multiple time periods.

LED	The LED is enabled by default. You can specify a time period from Monday to Sunday to turn the LED on at a scheduled time. Click the + icon to set multiple time periods.
Panel	On the Panel interface, you can turn on or off the device's WPS button, reset button and power button, and set the power status.
	Defaults : Turn on the WPS button, reset button, and power button, and set the power state to running.

Click the buttons in the $\ensuremath{\textbf{Action}}$ column to edit, copy and delete a template.

Initial Config Template					
Config Template List@(The configure	ation template is applicable only	y to AP180 series access points.)			e 🖬 - 🕅
Add			Ter	nplate Name	Q Search
Template Name	Status	Latest Update on	Description	Action	
Test	Enabled	2024-06-05 11:48:41	•		Ĩ

4.1.9.2 Copying an Initial Configuration Template

Follow the steps below to copy an initial configuration template:

1 Click the 🖲 button in the Action column of the template you want to copy.

onfig Template List@(The configu	ration template is applicable only	to AP180 series access points.)		C 📰 - 5
ıdd			Ter	nplate Name Q Search
Template Name	Status	Latest Update on	Description	Action

2 Enter a new template name (required) and description (optional), then click **Save**.

Сору		×
Template Name	Test2	*
Description	Please enter the template description.	
		Save

3 The copied initial configuration template will be displayed in the list. Except for the template name and description, the other configurations of the copied template are the same as the original one.

Template Manag	gement					\times
Config Ter	mplate List@(The configuration ter	nplate is applicable only to AP180	series access points.)		C	e 🖬 + 53
Add					Template Name	Q Search
	Template Name	Status	Latest Update on	Description	Action	
	Test2	Disabled	2024-09-02 21:06:18		4 C 🗎 î	
	Test	Disabled	2024-09-02 21:03:43		4 Z 🖩 🖞	
First	Previous Page 1 of 1	Next Last			<u>10</u>	Total: 2

4.1.9.3 Applying an Initial Configuration Template to a Project

Initial configuration templates can only be used for configuring AP180 series access points now. The RG-MA3511 series devices will be supported in the future. When an initial configuration template is applied to a project, the configuration set in the template will be delivered to all AP180 series access points in this project when they go online for the first time.

Follow the steps below to apply a template to a project:

1 Click the 着 in the Action column of the template.

plate Management				
Config Template List@(The config	uration template is applicable on	y to AP180 series access points.)		e 📰 - 2
Add				Template Name Q Search
Template Name	Status	Latest Update on	Description	Action
Test2	Disabled	2024-09-02 21:06:18		🛃 🛛 🖻 🗓
Test	Disabled	2024-09-02 21:03:43		
				Total

2 Select the project and click Save.

Select Project(s)	×
	Q
▼ ⊕ ALL	
😭 Group 1	
🕗 🖧 Test1	
ം 꿂 Test2	
	OK Cancel

3 When the confirmation prompt box appears, click **OK**.



Follow the steps below to apply a template to a specific device:

1 Enter the AP management page.

Ruífie 🖾	🗋 Dashboa	ard 😚 Pro	oject 88	AI Assist	tant									6	3 (2)	× :
& default ∨		10 1 A														
Dverview	Iotal Number	of Devices:8	12	C. Halt		0g0			OLT	0 OIT	ONU					
 Devices 	- 111	Gateway		Switch		4 AP		0 G-hn		0 OLI		1 ONU				
DP Client																
Smart Simplicity	③ Add	Upgrade	Web CLI	eWeb	More	SN, MAC, Alias, Ro		ing Name,Remarks	۹.) I 🕅
	No data	a selected														
Roaming		Project Name	Onlin	e Status	Ψ	SN	\$	Config Status T	MAC	Model		Alias	¢	MGMT IP	Egr	Action
Configuration		default		Offline		G1PD8PW028735		Not Synchronized	c0b8.e61e.05ac	AP180-AC		asdf 🖍		192.168.2.54	120.3	:
蔀 Device Config >		default		Offline		G1RP3LM048296		Not Synchronized	5416.51cb.58c0	AP180-PE		Empty		172.20.93.79	120.3	:
Auth & Account >		default		Offline		G1RPBXX030323	ESH)	Synchronized	1082.3d25.a49d	RG-AP180-Ad		AP180_jilei 🖍		192.168.1.150	117.1	:
iil Network Details >		default	• No	t Online Ye	•	ASDAASDFF		Not Synchronized			12	345678901234567				
The t													-			

2 Select an AP180 device for which the configuration template should be initialized.

Add I reco	Upgrade Web rds selected Clear	CLI eWeb O M	Please enter to search	Q					Q	⊥ 🕸
	Project Name	Online Status 🛛 🝸	SN	Config Status 📱	MAC	Model	Alias	MGMT IP	Eg	Actions
	00Demo用環境	Online	C234942572007	Synchronized	00d0.2312.446d	AP180-PE	Empty	192.168.2.13	112	:
	00Demo用環境	Online	G1QH8XW000981 (MESH)	Synchronized	ecb9.704e.7aa6	RG-MA2810	602 🖍	192.168.143.77	111.2	1
	00Demo用環境	Online	G1RQ6YB000376	Synchronized	7085.c492.d570	AP180-PE	Empty	192.168.2.89	221.1	÷

3 Click More, and select **Set Initialize Configuration**.

⊙ Add	Upgrade Web CLI	eWeb O More Please	e enter to search	Q					010
1 reco	ords selected Clear	Move to							
	Project Name Onl	Delete	N	Config Status 📱	MAC	Model	Alias	MGMT IP	Eg Actions
~	00Demo用環境	Reboot Set Initialize Configuration	007	Synchronized	00d0.2312.446d	AP180-PE	Empty	192.168.2.13	112 :
	00Demo用環境	Restore Factory Settings	0981 (MESH	Synchronized	ecb9.704e.7aa6	RG-MA2810	602 🖍	192.168.143.77	111.2: :

4 Select an initial configuration template, and then click **OK**. To view and modify the initial configuration template information, click **Detail**.

* Config Template:	testhotel	\sim	Detail	
	4.01001/4			
	AP160V4			
	testhotel			
	mirainet			
	IPV6-ON			
	カンdemo用			

4.1.9.4 Deleting an Initial Configuration Template

Follow the steps below to delete an initial configuration template:

1 Click the \overline{III} icon in the Action column of the template to be deleted.

Template Management				×
Config Template List@(The configuratio	n template is applicable only to AP1	80 series access points.)		C # - ₩
Add				Template Name Q Search
Template Name	Status	Latest Update on	Description	Action
Test2	Disabled	2024-09-02 21:06:18		a 🗹 📾 🔟
Test	Disabled	2024-09-02 21:03:43		
First Previous Page 1 of	1 Next Last			10 - Total: 2

2 When the confirmation box appears, click **OK**.

Message ×
Are you sure you want to delete Template Test2?
OK Cancel

4.1.10 Device-Specific Configuration Template Management

JaCS supports configuring APs in a project via using a device-specific configuration template. The configurable items include IP addresses, gateway addresses, DNS, SSIDs and passwords.

D Note

Up to 200 devices can be configured each time.

The specific steps are as follows:

1 Select the project. And navigate to **Device Config > AP Template > Device-specific Config** to enter the device-specific configuration template management interface.

Ruíjie 💩	Dashboard Project H Al Assistant					
ි a Test2 ∨						
Overview	Initial Config Template Device-specific Config					
 Devices 	Device Config List					
🖙 Client	ビ Import Config (변 Download Template					

2 Click **Download Template** to download the device-specific configuration template.

Device Config List@						С 👯 -
또 Import Config 변	I Download Template				SN	Q Search
N IP Address	Gateway	2.4G SSID	2.4G SSID Password	5G SSID	5G SSID Password	Update Time
N IP Address	Gateway	2.4G SSID	2.4G SSID Password No Data	5G SSID	5G SSID Password	Update

3 Fill in the template.

- 1	А	В	С	D	E	F	G	Н
1	SN	IP Address	Subnet Mask	Gateway	2.4G SSID	2.4G SSID Password	5G SSID	5G SSID Password
2								
3								
4								

Items	Description				
SN	Required. A SN length ranges from 6 to 32 characters, such as: G1PD7PW00060B.				
IP Address	Set the device's IP address and subnet mask. Both the IP address and subnet mask				
Subnet Mark	DHCP.				
	Optional.				
Gateway	Set the gateway address. If the IP address is set to a static address, you need to fill in the gateway address.				
	Optional.				
	If the 2.4G SSID is not specified, the original SSID of the device will be kept. The length				
2.4G SSID	of a SSID ranges from 4 to 32 characters. The supported characters include letters,				
	numbers, "_", "-", "." and "@". If you want to set multiple different SSIDs, use commas				
	(,) to separate them, for example: SSID-test1, SSID-test2. Up to 3 SSIDs can be				

	configured.
	Note: The SSID is required if the password has been set.
	Optional.
	If the 2.4G SSID password is left blank in the template, clients can access the SSID
240 8810	without a password. The length of a password ranges from 8 to 32 characters. Letters,
2.4G SSID	numbers, and special characters (@!*#<>=@[)) can be contained in a password. If you
Fassword	need to set multiple different passwords, separate them with commas (,), such as
	"88888888rrrrr, 999999ddddd". A maximum of 3 passwords can be configured. The SSID
	and password must correspond to each other in order.
	Optional.
	If the 5G SSID is not specified, the original SSID of the device will be kept. The length of
5G SSID	a SSID ranges from 4 to 32 characters. Letters, numbers, and special characters ("_",
	"-", ".", "@") can be contained. If you want to set multiple different SSIDs, separate them
	with commas (,) such as "SSID-test1, SSID-test2". Up to 3 SSIDs can be configured.
	Optional.
	If the 5G SSID password is left blank in the template, clients can access the SSID without
	a password. The password length is 8-32 characters. Letters, numbers, and special
Decoward	characters (@!*#<>=@[)) can be contained. If you need to set multiple different
Password	passwords, separate them with commas (,), such as "88888888rrrrr, 999999ddddd". Up
	to 3 passwords can be configured. The SSID and password must correspond to each
	other in order.

- **4** After filling in the information, click **Import Config** to import the template. When importing a template, the system will verify the parameters in the template. The import process will be stopped when one of the following situations occurs:
 - (1) The SN in the template is not available in the current project;
 - (2) The IP address format is incorrect.
 - (3) The number of SSIDs and the number of passwords are different.

Initial Cor	fig Template De	vice-specific Config	_					
Device	Config List ∅							С 🖬 - 🕅
🖄 Impo	ort Config 🕒 Down	load Template					SN	Q Search
SN	IP Address	Gateway	2.4G SSID	2.4G SSID Password	5G SSID	5G SSID Pass	vord	Update Time
				NO Data				
First	Previous Pa	age 0 of 0	Next Last					10 🔺 Total: 0

After importing, the device configuration will be displayed in the **Device Config List**, including the device's SN, the IP address, the 2.4G SSID, the 2.4G SSID password, the 5G SSID, the 5G SSID password, and update time.

	h Network	<u> </u>				SIA/ IOKYO Manage Network	Take over Network Unbind De
l Config Template	e Device-speci	ific Config					
Device Config List O C # - X							
Import Config	🗄 Download Temple	ate				SN	Q Searc
SN	IP Address	Gateway	2.4G SSID	2.4G SSID Password	5G SSID	5G SSID Password	Update Time
	-		SSID2-2.5G		SSID2-5G		2024-06-05 15:09:52
1234561							

4.2 Switch

This section gives a brief introduction to the switch management interface and operation steps on JaCS, including:

- Switch Management Interface: Introduces the switch management interface of JaCS.
- Adding Switches: Introduces how to add or batch add switches to an existing project.
- Deleting Switches in Batches: Introduces how to delete or batch delete switches from an existing project.
- Moving Switches: Introduces how to move a switch from the project it resides to another project.
- Restarting Switches: Introduces how to remotely restart an online switch device through JaCS.
- Configuration Replacement: Introduces how to synchronize the configuration of an imported switch to a new switch.
- Delivering Configuration via Web CLI: Describes how to use the WEB CLI interface to send configurations to switch devices.

4.2.1 Switch Management Interface

Click **Project** > **Switch** to go to the switch management interface. The switch device list will display the information of all switches in the current project by default.

Rujje 🖾	Dashboard 🕅 Project 88 Al Assistant	\$ 0 × × L
📽 default 🗸 🗸	Total Number of Devices8	
Dverview	1 Gateway 2 Switch 4 AP 5 0 Ghn 6 0 0LT 1 ONU	
Devices		
DP Client		
Smart Simplicity	O Add Upgrade Replace Web CLI D More SN_MAC,Alias Q.	💶 O I 🕸
	No data selected	
Roaming	Project Name Online Status T SN 💠 MAC Model Alias 💠 MGHT IP Egress IP	Firmware \ Actions
Configuration		51930J_RGOS 11.4i :
≇ Device Config >	□ 1121212 • Not Online Vet EWQADA123 12345678901234567 🗶	1
Auth & Account >		
Monitoring		total of 2 1 10 / page 🗸

Items	Description		
Project Name	Displays the name of the project where the device is located.		
Online StatusDisplays the online status of the device. The status of the device includes: Online/Offlin Online Yet. Click the filter icon T to filter devices by online status.			
SN	Displays the SN of the device. Click the SN number of a device to view its details.		
Configuration	Displays the configuration status of the device.		
Status	Click the filter icon 🝸 to filter the devices by configuration status.		
MAC	Displays MAC information of the device .		
Model	Displays device models.		
Alias	Displays aliases of devices.		
MGMT IP	Displays the management addresses of devices.		
Egress IP	Displays egress IP addresses of devices.		

Firmware Version	Displays firmware versions of the devices.
Last See On	Displays last online time of devices.
Action	Delete button is available in the Action column. Click the delete button to remove the device from the project.

Buttons	Description
⊕ Add	Add button. Click this button to enter the device adding interface.
Upgrade	Upgrade button.
Replace	Configuration replacement button. You can synchronize the configuration of an old device to a new one of the same model. After configuration replacement task is created, the configuration of the old device will be sent to the new one when it is online.
Web CLI	Web CLI button. Select the device and click this button to send configuration to the device through Web CLI.
O More	Click this button to display more operation buttons, including: Move, Delete, and Restart.
	Automatic refresh button. The automatic refresh button is enabled by default. When it is enabled, the switch device list will automatically refresh once every minute.
Q	Manual refresh button. Click this button to manually refresh the switch list.
Ī	Row height adjustment button. Click this button to adjust the row height.
鐐	Click this button to customize the displayed items in the switch list.
SN.MAC.Alias Q	Search box. Supports searching switches by SN, MAC, or alias.

Click the **SN** of a switch in the switch list to check its detailed information. The detailed interface consists of port panel, basic information, device overview, device port, configuration, PoE, diagnosis and downstream devices.

Total Number	of Devices:5									
	1 Gateway	2 Switch	2 AP	0	G·hn	O OLT	O ONU			
			Mark Distance							$\sim - \infty$
e Add	Upgrade R	web CLL O	Please enter	to search					(,) 工 论
No dat	a selected									
	Project Name	Online Status 🛛 🗑	SN	Config Status 🔻	MAC	Model	Alias	MGMT IP	Egress IP	Actions
	Japan Office	Online	G1QH5SS000158	Synchronized	ecb9.7015.349c	XS-S1930J-8GT2SFP-P	Ruijie 🖊	192.168.2.11	221.116.116.90	:
	Japan Office	Offline	G1QH9MK010455	Not Synchronized	ecb9.7015.4644	XS-S1930J-8GT2SFP	Japanoffice	192.168.2.83	221.116.116.92	1
									total of 2 1 1	I0∕page ∨

evice Detail		×
Uplink and downlink ports can not be selected at the same 1G/10G/25G 10M/100M Shutdown-port Shutdown-SVI 1 3 2 4 Overview Ports Config PoE Diagnose	time. Fgurable PoE Power Error Blocking Uplink Copper SFP 7 8 9 10 Select Downlink Ports Deselect Downlink Device	Switch Info Alias: Ruijie ✔ Model: XS-S1930J-8GT2SFP-P SN: G1QH5S5000158 MAC: ecb9.7015.349c Firmware Version: XS1930J.GOS 11.4(1)870P18, Release(09200819) MGMT IP: 192.168.2.11 Description: ✔
CPU & Memory Usage	Connectivity 16:00 20:00 0:00 4	4:00 8:00 12:00
Unsupported	Avg Speed (Mbps) Uplink Uplink	- Downlink
Log Record		Device Log Config Log Port Log All Q Search C C
Tune Undeted at	Content	

(1) Port Panel

The port panel displays the port type, status and speed. When you hover the mouse over a port, you can view its port ID, traffic, rate, type and other information of the port.

1G/10G/25G	10M/100M	Shutdown-port	Shutdown-SVI	Non-configurable	e PoE	Power Error	 Blocking	() Uplink		
				1 3 5 7						_
				2468	9 10					
						Selec	t Downlink	c Ports	Dese	ele
■Uplink and	l downlink	ports can not	be selected at	the same time.						
Uplink and	I downlink	ports can not l	be selected at t	the same time.	e PoF	Rower Frror	 Blocking	(1) Uplink	Copper	
■Uplink and 1G/10G/25G	I downlink 10M/100M	ports can not l Shutdown-port	be selected at t Shutdown-SVI	the same time.	e PoE	Power Error	 Blocking	() Uplink	Copper	
Uplink and	downlink	ports can not l Shutdown-port	be selected at t Shutdown-SVI	the same time. Non-configurabl	e PoE	۰ Power Error	 Blocking	() Uplink	Copper	(
Uplink and	downlink	ports can not l Shutdown-port	be selected at t	the same time. Non-configurabl	e PoE	® Power Error	S Blocking	() Uplink	Copper	
Uplink and	I downlink	ports can not l	be selected at a Shutdown-SVI	the same time. Non-configurabl	€ PoE	Power Error	Blocking	() Uplink	Copper	
Uplink and IG/10G/25G	I downlink	ports can not l	be selected at the Shutdown-SVI	the same time. Non-configurabl	e PoE	® Power Error Jp	Blocking	(7) Uplink	Copper	
Uplink and	I downlink	ports can not l	be selected at t Shutdown-SVI Port ID: Status: Speed:	the same time. Non-configurabl	e PoE	Power Error	Blocking t Downlink	Uplink	Copper	ele
Uplink and	I downlink	ports can not l	be selected at Shutdown-SVI Port ID: Status: Speed: Traffic:	the same time. Non-configurabl	e PoE 9 10 10000 KB ↑ 156.32	Power Error 3 Jp M KB Selec	Blocking t Downlink	Uplink C Ports	Copper Dese	ele
Uplink and	downlink	Shutdown-port	be selected at a Shutdown-SVI Port ID: Status: Speed: Traffic: Throughput: Packets:	the same time. Non-configurabl		® Power Error Jp M KB Select ps 78	Blocking t Downlink	Uplink C Ports	Copper	ele
Uplink and	I downlink	ports can not l Shutdown-port	be selected at a Shutdown-SVI Port ID: Status: Speed: Traffic: Throughput: Packets: Diag Media Type:	the same time. Non-configurabl		® Power Error Jp M KB Selec ps 78 e	Blocking t Downlink	Uplink c Ports	Copper	ele

(2) Switch Information

The switch information table displays alias, model, SN, MAC address, firmware version, management IP and description. You can click the edit icon 🖍 to modify the alias and description of the switch.

Switch Info	
Alias:	Ruijie 🖍
Model:	XS-S1930J-8GT2SFP-P
SN:	G1QH5SS000158
MAC:	ecb9.7015.349c
Firmware Version:	XS1930J_RGOS 11.4(1)B70P18, Release(09200819)
MGMT IP:	192.168.2.11
Description:	1

(3) Overview Tab



CPU & Memory Usage

Displays the CPU and memory usages of the switch.

CPU & Memory Usage		
CPU	Memory	
4.7%	51.5%	

Connection

Displays the connection status between the switch and the Cloud in the last 1 day or 7 days.

Connect	ivity				Last 1 Day	Last 7 Days
10:00	14:00	18:00	22:00	2:00	6:00	

• Uplink

Display uplink information, including port, speed, duplex, uplink/downlink speed, and uplink/downlink traffic.

Uplink	
Port	Gi0/2
Speed	1000M
Duplex	Full-duplex
Uplink/Downlink Speed	3.73Mbps ↑ 17.24Mbps ↓
Uplink/Downlink Traffic	140.05MB 646.31MB

Speed Summary

Displays the device's uplink and downlink rates in the last 24 hours. Hover the mouse over a time in the chart to view the device's uplink and downlink rates at that time.

Avg Speed(Mbps)	-O- Uplink -O- Downlink	
0.12		2024-06-12 05:21:24
0.09		📕 🗕 Uplink : 0.11
0.05		 Downlink : 0.01
0.06 -		
0.0288		

Log Record

Support viewing three types of device logs, including device logs, configuration logs, and port logs. Logs can be filtered based on log types and time.

Log Recor	d	Device Log Config Log Port Log
		All v Q Search C 📰 v
Туре	Updated at	Content
Reboot	2024-06-11 12:27:27	Device First connect to MACC or MACC address change
Upgrade	2024-06-11 12:27:27	Device version from XS1930J_RGOS 11.4(1)B70P18, Release(10201612) to version XS1930J_RGOS 11.4(1)B70P18, Release(09200915)
Online/Offline	2024-05-29 15:07:07	Device offline. The final time when it sends packets to MACC is: 2024-05-29 14:58:07(It is an estimated value. The deviation is 1 minute.)
Online/Offline	2024-05-29 10:14:23	Device online
Online/Offline	2024-05-29 10:14:07	Device offline. The final time when it sends packets to MACC is: 2024-05-29 10:05:07(It is an estimated value. The deviation is 1 minute.)
Online/Offline	2024-05-23 17:36:39	Device online
Online/Offline	2024-05-23 15:21:07	Device offline. The final time when it sends packets to MACC is: 2024-05-23 15:12:07(It is an estimated value. The deviation is 1 minute.)
Reboot	2024-05-21 18:48:20	Device First connect to MACC or MACC address change
Upgrade	2024-05-21 18:47:58	Device version from XS1930J_RGOS 11.4(1)B70P17, Release(09141816) to version XS1930J_RGOS 11.4(1)B70P18, Release(10201612)
Reboot	2024-05-21 18:47:57	Device First connect to MACC or MACC address change
First	evious Page 1	of 1 Next Last Total: 10 - Total: 10

(4) Ports Tab

Port Settings

Support setting the port's admin status, duplex mode, speed, description, PoE, port type, and VLAN ID. After completing the settings, click **Save**.

©Uplink and downlink ports can not be selected at the same time.								
1G/10G/25G 10M/100M	Shutdown-port Shutdow	n-SVI Non-cor	nfigurable PoE Power Erro	r Blocking Uplink Copper	SFP	Alias:	锐捷 🖌	
	(1) 1 3 5	7			Model:	XS-S1930J-8GT2SFP-P	
			_			SN:	1234942570099	
		MAC:	00d0.f811.2239					
			Sele	ct Downlink Ports Des	elect	Firmware Version:	XS1930J_RGOS 11.4(1)B70P18, Release(09200915)	
						MGMT IP:	192.168.3.14	
Overview Ports	Config PoE	Diagnose	Downlink Device			Description:	1	
(2) Admin Status	Enabled	~		Routed Port	Unsup	ported		
Admin Status	Enabled	*		Routed Port	Unsup	ported		
Duplex Mode	Auto-negotiation	~		Туре	Access		~	
Speed	Auto	~		VLAN ID	2			
Description								
PoE-Capable	On	~						
Media Type:	Copper							
3 Save								

Port List

The port list displays the information of all ports of the device, including port ID, management status, port status, duplex mode, port type, VLAN ID and PoE status. Click the *A* icon of the **Admin Status**, **Port Type** and **PoE Status** to filter the port information.
Port List							
Port	Admin Status	Status	Duplex Mode	Port Type	VLAN ID	PoE Status	C Action
Gi0/1	Enabled	Connected(1000M)	Full-duplex	Access	2	Off	
Gi0/2	Enabled	Disconnected	Disconnected	Access	2	Off	
Gi0/3	Enabled	Disconnected	Disconnected	Access	2	Off	
Gi0/4	Enabled	Disconnected	Disconnected	Access	2	Off	
Gi0/5	Enabled	Connected(1000M)	Full-duplex		-	Off	
Gi0/6	Enabled	Disconnected	Disconnected	Access	2	Off	
Gi0/7	Enabled	Connected(1000M)	Full-duplex	Access	2	Off	
Gi0/8	Enabled	Disconnected	Disconnected	Access	2	Off	
Gi0/9	Enabled	Disconnected	Disconnected	Access	1	Unsupported	
Gi0/10	Enabled	Disconnected	Disconnected	Access	1	Unsupported	
First	Previous Page 1	of 1 Next La	st			10 +	Total: 10

(5) Configuration Tab

The Configuration tab consists of seven parts, including VLAN List, SVI&DHCP, DHCP Snooping, RLDP, Device Config, Service List and Configuration Backup List.

• VLAN List

VLAN List displays the current VLAN ID and the corresponding port number. Click Add to add a VLAN ID.

The specific steps are as follows:

1 Click Add.

VLAN List		
Add		С 👫 т
VLAN ID	Port	Action
1	Gi0/9, Gi0/10	
2	Gi0/1, Gi0/2, Gi0/3, Gi0/4, Gi0/6, Gi0/7, Gi0/8	前
First Previous	Page 1 of 1 Next Last	10 🔺 Total: 2

2 Enter the VLAN ID.

Two methods are provided for you to add multiple VLAN IDs:

Method 1: Use commas (,) to separate VLAN IDs. Up to 10 VLAN IDs can be created at one time.

Add			×
VLAN ID:	3,4,5,6		
		OK	cel

Method 2: Use dashes (-) to separate VLAN IDs. This method can be used to create VLANs in batches without any quantity limit, as long as the VLAN range is within 1-4094.

Add			\times
VLAN ID:	3-6		
		OK	

D Note

Commas and dashes cannot be used together.

3 After setting the VLAN IDs, click OK. When the "Added succeeded" prompt appears, the operation is completed. The created VLAN ID will be displayed in the VLAN list. To delete a VLAN ID, click the delete icon in the Action column.

Message	×		
Ad	dd succeeded		
VLAN List			
			0
Add			G 🖬 🕯
Add VLAN ID		Port	Action
Add VLAN ID 1	Gi0/9, Gi0/10	Port	Action
Add VLAN ID 1 2	Gi0/9, Gi0/10 Gi0/1, Gi0/2, Gi0/3, Gi0/4, Gi0/6, Gi0,	Port 77, GI0/8	Action
Add VLAN ID 1 2 3	Gi0/9, Gi0/10 Gi0/1, Gi0/2, Gi0/3, Gi0/4, Gi0/6, Gi0,	Port 17, GI0/8	Action
Add VLAN ID 1 2 3 4	Gi0/9, Gi0/10 Gi0/1, Gi0/2, Gi0/3, Gi0/4, Gi0/6, Gi0,	Port 77, GI0/8	Action
Add VLAN ID 1 2 3 4 5	Gi0/9, Gi0/10 Gi0/1, Gi0/2, Gi0/3, Gi0/4, Gi0/6, Gi0,	Port 77, GI0/8	Action

• SVI & DHCP

SVI & DHCP list displays the VLAN ID, SVI, and DHCP pool name.

SVI & DHCP			
Add			С
VLAN ID	IP	DHCP Pool Name	Action
		No Data	
First Previous Page	0 of 0 Next	Last	10 . Total: 0

Click Add, and configure the VLAN ID, IP and subnet mask, and then click Save.

SVI&DHCP Co	onfiguration ×	
VLAN ID	j	*
IP	j	k
Subnet Mask	;	k
	Save]

Note

VLAN ID range is 1-4094.

DHCP Snooping

DHCP Snooping is disabled by default. After enabling it, select a port and click **Save**. If the selected port is not a routing port, the uplink port is selected by default. If the port connected to the DHCP server is not an uplink port, you need to select it manually.

DHCP Snooping			
DHCP Snooping Status 🤍			
Trust the selected ports (The uplink port is selected by default)			
Selected Unselected Non-configurable	① Uplink	Coppe	r SFP
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	Re	fresh
Save Please click Save after configuration.			

R LDP Status

Rapid Link Detection Protocol (RLDP) is a link protocol used to quickly detect Ethernet link faults. After it is enabled, if a fault is detected, it will handle the fault according to the rule set on the device, including generating alarm, port shutdown, disabling the SVI where the port is located, etc. The RLDP is disabled by default. It supports automatic configuration and custom configuration.

Automatic Configuration:

1 Enable RLDP status.

RLDP	
RLDP Status 🤍	

2 Click Auto Config to use the system default configuration, that is, to perform loop detection on all ports except uplink ports and unavailable ports, and set the loop fault handling mode to Block and Alarm. For loops on aggregate ports, the fault handling mode is Alarm and Close.

RLDP	
RLDP Status 🤍	
Auto Config	Warning Warning and Block Warning and Shutdown Shutdown SVI Unavailable Detection Disabled Uplink Copper SFP
	1 3 5 7 2 4 6 8 9 10
Tip: Click to select or deselect the port.	Select All Deselect Refresh

3 Click **OK** in the confirmation box to complete the operation.

Message	×
Uplink port of the switch: Recommended Config: Detect the loop on al	II
ports except uplink and unavailable ports. Loop Detection The solution is Warning and Block (For Aggregate: Warning and Shutdow).	'n
You can click Cancel to manually select ports and customize the policy.	
OK	

Custom Configuration:

| R

1 Enable RLDP Status.

RLDP	
LDP Status	

2 Select the port(s) to be detected. If you want to select all ports, click **Select All**. To cancel the selection, click **Deselect**.

RLDP	
RLDP Status 🤍	
Auto Config	Warning Warning and Block Warning and Shutdown Shutdown SVI Unavailable Detection Disabled Uplink Copper SFP
	1 3 5 7 2 4 6 8 9 10
Tip: Click to select or deselect the port.	Select All Deselect Refresh
Config Port: Gi0/1,Gi0/3	
Type: Loop Detection	Troubleshooting: Detection Disabled

3 Select a troubleshooting method. Five troubleshooting methods are provided: Detection Disabled, Warning, Block, Shutdown-port, and Shutdown-SVI.

LDP Status 🤍	
Auto Config	Warning Warning and Block Warning and Shutdown Shutdown SVI Unavailable Detection Disabled Uplink Copper S
	1 3 5 7 2 4 6 8 9 10
Click to select or deselect the port.	Select All Deselect Refres
Config Port: Gi0/1,Gi0/3	
Type: Loop Detection	Troubleshooting: Detection Disabled
Save	Detection Disabled Warning Block Shutdown-port

Before setting the troubleshooting method to **Warming**, make sure that the RLDP alarm has been enabled in the **Alarm Settings** interface.

			Alarm Settings
Alarm Settings			00000JAPAN WiFi C
Туре	Status	Alarm Threshold	Contact
Device goes offline		•	
Device goes online and offline continually		>20 % 🕑	
All devices are offline			
High channel usage on AP			
System usage(CPU/memory usage) above threshold			
Switch loopback detected (RLDP)			
interface updown rate above threshold.			
Abnormal network access on gateway			
High packet loss rate on gateway			
Uplink rate above threshold on gateway			
Downlink rate above threshold on gateway			

4 After selecting the port(s) and configuring the troubleshooting method, click **Save**. When the "Save Succeeded" prompt appears, the operation is completed.

LDP Status		
Auto Config	Warning Warning and Block Warning and Shutdown Shutdown SVI Unavailabl	e Detection Disabled Uplink Copper
	1 3 5 7 2 4 6 8 9 10	
p: Click to select or deselect the port.		Select All Deselect Refre
Config Port: Gi0/1,Gi0/3		
Type: Loop Detection	Troubleshooting: Detection Disabled	•

• Device Configuration

In the **Device Configuration** interface, you can create a tunnel.

Click **Tunnel** to enter the tunnel creation interface. Fill in the destination address of the tunnel, select the tunnel type and port, and then click **Create Tunnel**.

Tunnel (SN:	1234942570099)						×
Create	Tunnel Not supported. Pl	lease use a remote ho	st.				
Remote H	ost:	▪ Type: TELNET	✓ Port:	23 Create Tunne	9		
							Local Global
Tunnel	List						С 🛤 -
If the tunn	el is unavailable, please re	e-create it or contact ι	is for support.				
Туре	Remote Host	Host	Port	Destination Port	Expired at	Status	Action
eWeb	G1QD7PW015856	34.84.13.46	10015	80	2023-12-28 23:34	Disabled	
Telnet	G1QD7PW015856	35.194.101.74	10028	23	2023-12-28 23:34	Abnormal	
eWeb	1234942570046	34.84.13.46	10011	80	2023-08-09 14:44	Abnormal	
Telnet	1234942570046	34.84.13.46	10001	23	2023-06-01 14:17	Disabled	
First	Previous Page 1	of 1	Vext Last				10 Total: 4

Service List

Supports configuring account status and login password of the device's eWeb. The password length is 8-31 characters.

I	Service List			
	Service	Admin Status	Value	
	eWeb		Login Password	
	First Previous	Page 1 of 1	Next	10 * Total: 1

• Configuration Backup List

Supports backing up configuration. The information displayed in the backup list includes configuration file name, file size, time, mode, MD5 and description.

Configuration Backup List						
						С 👫 -
Current Back up Customize C	ownload Restore	Delete Compa	are	File Name		Q Search
File Name	File Size	Time	Mode	MD5	Description	Action
1234942570099_1716472923179	1.92K	2024-05-23 23:02:00	Auto	33ed5c7c939a15051814439a4f8d2b45	Empty	Details
1234942570099_1709561033499	1.68K	2024-03-04 23:02:00	Auto	d04f38c8de88c18fb13447d8a27cadf1	Empty	Details
1234942570099_1702994523518	1.57K	2023-12-19 23:02:00	Auto	281c324c6940e94957daec45b8e3d170	Empty	Details
1234942570099_1702908063375	1.56K	2023-12-18 23:01:00	Auto	d14a0f98a3cdd61e1f47e381af31daf7	Empty	Details
1234942570099_1702870130799	1.37K	2023-12-18 12:28:43	Auto	3a3f90c45cc0ee9400bae84deeee6635	Empty	Details
First Previous Page 1	of 1 Ne:	xt Last			10 🔺	Total: 5

Buttons	Description
Current	Click this button to display the current configuration of the device. If you want to back up the configuration, click Backup in the Config Details interface. After backup, click \bigcirc to refresh the list, and the backed up file will be displayed in the list.
Back up	Click this button to back up the current configuration of the device. When the operation confirmation box appears, click OK . After backup, click $^{\rm O}$ to refresh the list, and the backed up file will be displayed in the list.
Customize	Configuration file customization button. Select one of the files in the Configuration Backup List , and then click this button to modify the configuration. After setting the file name and changing the configuration, click Save to complete the operation.
Download	Configuration file download button. Select a configuration file in the Configuration Backup List , and click Download to download the configuration file. When the operation confirmation box appears, click OK . Only one configuration file can be downloaded at a time.
Restore	Backup file restore button. Check a configuration file and click Restore to restore the current configuration file of the device to the selected configuration file. Only one file can be restored at a time.
Delete	Delete button. Select a configuration file to be deleted, click Delete , and when the operation confirmation box appears, click OK to delete the configuration file.
Compare	Comparison button. Select two configuration files to be compared and click Compare to compare the two profiles to find out their differences.
Details	Click this button in the Action column to view the detailed configuration of a file.
Description	Click the words in the Description column to modify the profile description.

(6) PoE

PoE Settings

The PoE statistics are displayed above the PoE list, including total power, current power, and time.

PoE P	ort List					
Total Po	wer:125.0 W, Curr	rent Power:0.0 W, Time:202	24-06-12 16:49:21			C
	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	
First	Previous	Page 1 of 1	Next			10 Total: 8

To shut down the PoE port at a specific time:

1 Click Add.

T	Schedule Policy			
	Add			С
	Policy Name	Time Period	Status	Action
	RF-TEST	Daily(00:00~00:04)	Inactive	C ū
	First Previous Page 1 of 1	Next Last		10 - Total: 1

2 Set the policy name and specify the time period.

Schedule Policy	Setting	\times
Policy Name		
Time Period	Daily	
	ОК Сіс	ose

Items	Description
Policy Name	Required.
	Set the policy name.
Time Deried	Required.
Time Period	Set the time period.
Add More	Click + Add More to set multiple time periods.

3 Click OK.

Schedule Polic	y Setting ×
Policy Name	TEST1
Time Period	Daily • 00:00 - 01:30 (5)
	+Add More
	OK Close

PoE Settings

Click \square in the Action column to modify the priority, maximum power, and power supply stop policy.

T	Port PoE Setting				
					с
	Port	Priority	Maximum Power	Offline Time Policy	Action
	Gi0/1	High	36	Never	
	Gi0/2	Critical	18	RF-TEST	
	Gi0/3	Low		Never	
	Gi0/4	Low		Never	
	Gi0/5	Low		Never	
	Gi0/6	Low		Never	
	Gi0/7	Low		Never	
	Gi0/8	Low		Never	
	First Previous	Page 1 of 1	Next		10 - Total: 8

Auto Checking

After the PoE self-check function is enabled, the system will automatically detect the configured ports. When the PD device is detected to be offline, a trap notification is sent by default; if the reboot-remote-pd option is configured, it will automatically restart the PD device.

Auto Chec	king				
					Enabled 💽 C
SVI	Ping Interval Time(s)	Retry Times	Check Failure Action	PD Info	Action
VLAN2	10	1	Nothing	-	
VLAN1	10	1	Nothing	-	$\mathbf{\nabla}$
First	Previous Page	1 of 1	Next Last		10 Total: 2

(7) Diagnose

Supports port fault detection. The specific steps are as follows:

1 Select the type.

Overview	Ports Config PoE Diagnose	Downlink Device	Description:	
Fault Dia	gnosis			
Туре	PoE Power Supply	• 0		
Port	PoE Power Supply SFP Port			
Disabled Er	nabled Abnormal Not Supported			Uplink Copper SFP
		2 4 6 8 9 10		

Items	Description
PoE Power Supply	Used to detect whether the PoE power supply is normal.
SFP Port	Used to detect whether the SFP port is normal.
Line Detection	Used to detect whether the line detection is normal.

2 Select the port to be diagnosed on the panel.

Overview	Ports Config	PoE Diagnose	Downlink Device	Description:	1	
Fault Diag	gnosis					
Туре	PoE Power Supply	у	•			
Port	Gi0/1					
Disabled En	abled Abnormal Not Si	upported				Duplink Copper SFP
			1 3 5 7 2 4 6 8 9 10			
Diagnose	Deep Diagnosis					

3 Select the diagnosis type: normal diagnosis or deep diagnosis.

Fault Diag	nosis		
Туре	PoE Power Supply	• C	
Port	Gi0/1		
Disabled Ena	bled Abnormal Not Supported		Uplink Copper SFP
Diagnose	Deep Diagnosis		
Procedure			History>>

Items	Description
Diagnose	The cloud server sends CLI commands to collect switch information, and the diagnosis is performed on the cloud server.
Deep Diagnose	Diagnostics are performed on the switch and the results are reported to the cloud server.

4 Waiting for the diagnosis result.

History>>

Click History>> to display the historical records.

History								C 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	125.0 W	2024-06-12 18:41:09
First	Previous Page 1	of 1 Next Last						10 Total: 1

(8) Downlink Device

Display the downlink device information of the switch.

Overview	Ports (Config PoE	Diagnose	Downlink Device	Description:	
Downlink	k Device List					
					е	. -
Port	SN	Status	MAC	Management IP	Description	
Gi0/2		Abnormal	ecb9.7012.6	71e 192.168.2.18	Ruijie Gigabit Ethernet Switch(XS-S1930J-18GT2SFP-P) By Ruijie Networks	
Gi0/5	G1RP5EB0291	1C Online	7085.c488.f	d7f 192.168.2.113	Ruijie AP880-AR (802.11a/n/ac/ax and 802.11b/g/n/ax) By Ruijie Networks.	
Gi0/8	G1QD4UU0036	017 Online	300d.9e88.a	b20 192.168.2.19	Kuijie AP850-I(V2) (802.11a/n/ac/ax and 802.11b/g/n/ax) By Kuijie Networks.	

4.2.2 Adding Switches

JaCS provides two ways to add APs to a specific project.

- Adding a Switch
- Adding Switches in Batches

4.2.2.1 Adding a Switch

If there are only a few devices that needs to be imported, you can refer to the following steps to quickly add them to an existing project:

1 Click Add a Device.

Add		\times
	Download and fill in the template.Up to 200 records can be imported	
	<u> </u>	
	Download remplate	
Add a Devic	.e	Close

2 Enter the device's SN (required) and alias (optional). The length of the SN ranges from 6 to 20 characters, and the length of an alias cannot exceed 64 characters. To add more SNs, click +; to delete a SN, click

Add		×
1 SN	Alias	Ū
2 SN	Alias	<u>ش</u>
3 SN	Alias	逆 +
Batch Import		OK

3 After filling in the information, click **OK**. When the "Add succeeded" prompt appears, click **X** to close the prompt box and complete the operation. The added device will be displayed in the switch list.

Message		
	Add succeeded	

4.2.2.2 Adding Switches in Batches

JaCS supports adding switches in batches, which is suitable for scenarios where no more than 200 devices need to be added at a time. The specific steps are as follows:

1 Select the project.

Ruíjie 🖾	Dashboard OP Project St Al Assistant	© % × 🛽
& Test1 V	Total Number of Devices0	
D Overview		
 Devices 		
0 [⊒] Client		
Smart Simplicity	O Add Upgrade Replace Web CLI O More SN(MAC,Alias Q.	💽 Q I 🕸
	No data selected	
Roaming	Project Name Online Status T SN 💠 MAC Model Alias 💠 MGHT IP Egress IP	Firmware V Actions
Configuration		
≆ Device Config >		
Auth & Account >	No data	
Monitoring		
iil Network Details >		

2 Click Add.

Total Number of Devices:0	0 AP	0 G-hn	0 OLT	0 ONU	
Add Upgrade Replace Web CLI No data selected	More SN,MAC,Alias	Q			● 〔 〕 〔 ◎
Project Name Online Status	SN ÷	MAC Model	Alias	🔶 MGMT IP Egress	IP Firmware V Actions
		No data			

3 Click **Download Template** to download the template.

Add	×
Download and fill in the template.Up to 200 records can be imported	
xis File Download Template	
Add a Device	Close

4 Fill in the template. The SN is required, while the alias is optional. Up to 200 devices can be imported at a time.

	A	B
1	SN	Alias
2		
3		

5 Click ".xls" File to upload the template.

Add		×
Dov	vnload and fill in the template.Up to 200 records can be imported	1
	".xls" File Download Template	
Add a Device		Close
Organize 🔻 New folder		EE 🗸 🔟 🙆
Downloads * ^	Name	Date modified
Pictures	B Template_46553_20240612203334	2024/6/12 19:33
 □ 日文英文版翻译 □ 一本通图片处理 □ 20240314-西班牙SEK OEM项 □ S16200多速率经量云管交换 □ zh-CN-中文 □ 文档优化 > OneDrive □ This PC 	 Yesterday (7) lailingyan2000@163.com_7412 Template_7011_20240611123402 Template_7010_20240611123331 Template_51225_20240611114148 Template_51224_00240611113816 lang-语言包 成册 Last week (9) Last week (24) 	2024/6/11 17:21 2024/6/11 11:34 2024/6/11 11:33 2024/6/11 10:38 2024/6/11 10:38 2024/6/11 11:21
File name: Templ	ate_46553_20240612203334	Microsoft Office Excel 97-2003 . ~
		Open Cancel

6 When the "Import Succeeded" prompt appears, click **X** to close the prompt box and complete the operation. The imported device will be displayed in the switch list.

Message		\boxtimes
	Import succeeded	

4.2.3 Deleting Switches in Batches

To delete switches from a project in batches.

1 Select the switch to be deleted.

⊕ Add	Upgrade Repl.	ace Web CLI O M	ore Please ent	er to search Q						(つ 工 ②
2 rec	ords selected Clear										
<u>~</u>	Project Name	Online Status	SN	Config Status	MAC	Мо	del	Alias	MGMT IP	Egress IP	Actions
~	Test2	Not Online Yet	1223312	Not Synchronized				Empty 🖊			:
<u>~</u>	Test2	Not Online Yet	123456679	Not Synchronized				Empty			:
										total of 2 1	10/page V

2 Click More, and then click Delete.

⊙ Add	Upgrade Repl	lace Web CLI	⊖ More	Please ent	ter to search Q					() 工 唸
1 rece	ords selected Clear		Move to								
 Image: A second s	Project Name	Online Status	Delete	SN	Config Status 📱	MAC	Model	Alias	MGMT IP	Egress IP	Actions
<u>~</u>	Test2	• Not Online ۲	Reboot	456679	Not Synchronized			Empty 🖊			-
										total of 1 1	10 / page

3 Click **OK** in the operation confirmation box.

Add 2 reco	Upgrade Repla	ace 🥚 Are you su	ire you wan	it to delete? ncel ok	ter to search Q
	Project Name	Online Status	Delete	SN	Config Status
~	Test2	• Not Online \	Reboot	23312	Not Synchronized
~	Test2	• Not Online Yet		123456679	Not Synchronized

4 After the "Succeeded" prompt appears, the devices are deleted.

G	Dashbo	bard	6	Project	88	AI Assist	ant			📀 Succeed	led.							
	Total Number	r of Dev	ices:0															
	:	0 Gat	teway		= =	0 Switch		(10) 0 A	P	L	0 G-hn		0 OLT	0	DNU			
	⊕ Add	Upg	grade	Replac	e [Web CLI	© Mor	e SN,MAG	C, Alias		Q							
	🕕 No dat	ta select	ed															
		Proj	ect Na	me	Onlin	ne Status	Ŧ	SN	\$	MAC		Model	Alias	\$ MGMT	IP	Egress IP	Fir	mwar

In addition to the above deletion methods, users can also delete devices one by one through the **Delete** button in the **Action** column.

Total Numbe	r of Devices:2 1 Gateway	1 Switch	0 AP	0 64	n etr	0 OLT	0 ONU			
Add No da	Upgrade Rep ta selected	lace Web CLI O Mor	Please ente	r to search Q					C	の工 ②
	Project Name	Online Status 🛛 🗑	SN	Config Status 📱	MAC	Model	Alias	MGMT IP	Egress IP	Actions
	Test2	Not Online Yet	1223312	Not Synchronized			Empty 🛋		total of 1 1	: Delete 10 / page

4.2.4 Moving Switches

To move a switch from the project it resides to another project for management:

1 Select the switch you want to move to another project.

Add1 reco	Upgrade Repl ords selected Clear	ace Web CLI O M	Please en	ter to search Q					()工 🕸
	Project Name	Online Status 🛛 🝸	SN	Config Status 📱	MAC	Model	Alias	MGMT IP	Egress IP	Actions
<u>~</u>	Test2	Not Online Yet	1223312	Not Synchronized			Empty			:
									total of 1 1	10 / page

2 Click More and then click Move to.

③ Add	Upgrade Rep	Web CLI	O More	Please er	nter to search Q					(0 工 ‡
1 reco	ords selected Clear	(Move to								
	Project Name	Online Status	Delete	SN	Config Status 📱	MAC	Mode	el Alias	MGMT IP	Egress IP	Actions
	Test2	• Not Online ۱	Reboot	23312	Not Synchronized			Empty	2		1
										total of 1 1	10 / page ∨

3 Select a new project and click **OK**.

Select Project	× ×
ය Test1	~
Cancel	ОК

4 When the operation confirmation box appears, click **OK**.

()	Message
	Are you sure you want to move the device to the project Test1
	cancel

4.2.5 Restarting Switches

To restart an online switch remotely through JaCS:

1 Select the switch to be restarted.

tal Number	1 Gateway	2 Switch	2 AP	0	G-hn	O OLT	ONU O ONU			
Add1 record	Upgrade Repl rds selected Clear	ace Web CLI	More Please enter	to search Q					C.) I 🕸
	Project Name	Online Status 🛛 🗑	SN	Config Status 📱	MAC	Model	Alias	MGMT IP	Egress IP	Actions
	Project Name	Online Status T	SN G1QH555000158	Config Status T	MAC ecb9.7015.349c	Model XS-S1930J-8GT2SFP-P	Alias Ruijie 🖍	MGMT IP	Egress IP 221.116.116.90	Actions
	Project Name Japan Office Japan Office	Online Status T • Online • Offline	SN G1QH555000158 G1QH9MK010455	Config Status T	MAC ecb9.7015.349c ecb9.7015.4644	Model XS-S1930J-8GT2SFP-P XS-S1930J-8GT2SFP	Alias Ruijie 🖍 Japanoffice 🖍	MGMT IP 192.168.2.11 192.168.2.83	Egress IP 221.116.116.90 221.116.116.92	Actions :

2 Click More and then click Reboot.

⊕ Add	Upgrade Repl	lace Web CLI	More	Please enter	to search Q					C) 王 ②
 1 reco 	ords selected Clear		Move to								
	Project Name	Online Status	Delete	SN	Config Status 📱	MAC	Model	Alias	MGMT IP	Egress IP	Actions
~	Japan Office	• Online	Reboot	3SS000158	Synchronized	ecb9.7015.349c	XS-S1930J-8GT2SFP-P	Ruijie	192.168.2.11	221.116.116.90	:
	Japan Office	Offline	G10	H9MK010455	Not Synchronized	ecb9.7015.4644	XS-S1930J-8GT2SFP	Japanoffice 🖍	192.168.2.83	221.116.116.92	:
										total of 2 1	10 / page

3 Click **OK** in the operation confirmation box, and wait for the device to restart.

Message	\times
Are you sure you want to reboot the device	e?
OK Cancel	

4.2.6 Configuration Replacement

The configuration replacement function can synchronize the configuration of an old or faulty device to a new device of the same model. After the configuration replacement task is complete, the JaCS will send the configuration of the old device to the new one when it goes online. In this way, users do not need to manually configure the new device again, help to improve O&M efficiency.

D Note

Switch configuration replacement can only be performed between switches of the same model.

The specific steps are as follows:

1 Select an existing device and click **Replace**.

Total Numbe	er of Devices:5	2 Switch	2 AP	0	G-hn	O OLT	onu o onu				
Add1 recc	O Add Upgrade Replace Web CLI O More Please enter to search Q C I @ I records selected Clear C I Image: Control of the search D D D D										
	Project Name	Online Status 🛛 🔻	SN	Config Status 🔻	MAC	Model	Alias	MGMT IP	Egress IP	Actions	
	Japan Office	Online	G1QH555000158	Synchronized	ecb9.7015.349c	XS-S1930J-8GT2SFP-P	Ruijie 🖊	192.168.2.11	221.116.116.90	:	
	Japan Office	Offline	G1QH9MK010455	Not Synchronized	ecb9.7015.4644	XS-S1930J-8GT2SFP	Japanoffice 🖊	192.168.2.83	221.116.116.92	:	
									total of 2 1 1	0 / name V	

2 Enter the SN and MAC address of the new device. Please make sure that the SN and MAC of the new device match each other.

Rep	place			25	\times
	Device List				
	[실Batch Import (원 Download	d Template			
	Replaced Device SN	New Device SN	New Device MAC	Config File	
	Replaced Device SN G1QH5SS000158	New Device SN Enter SN	New Device MAC Please enter the MAC.	Config File® Select Config File	

3 Click Select Config File and select the configuration file of the existing device, and then click OK.

Replace			×
Device List			
E Batch Import Download T	Template		
Replaced Device SN	New Device SN	New Device MAC	Config File
Replaced Device SN 1234942570099	New Device SN 1234942570092	New Device MAC	Config File

Click **Current**, you can view the current device configuration; click **Backup**, you can to back up the current device configuration.

elect Config File				>
Current Back up	File	Name	٩	Search C
File Name	Time	Mode	Description	Action
21234942570099_1716472923179	2024-05-23 23:02:00	Auto	Empty	Details
0 1234942570099_1709561033499	2024-03-04 23:02:00	Auto	Empty	Details
0 1234942570099_1702994523518	2023-12-19 23:02:00	Auto	Empty	Details
0 1234942570099_1702908063375	2023-12-18 23:01:00	Auto	Empty	Details
0 1234942570099_1702870130799	2023-12-18 12:28:43	Auto	Empty	Details
First Previous Page 1 of 1	Next Last		10	Total: 5
				ОК

4 After selecting the configuration file, click **OK**.

Replace			>
Device List			
🕑 Batch Import 🕒 Downloa	d Template		
Replaced Device SN	New Device SN	New Device MAC	Config File
Replaced Device SN 1234942570099	New Device SN 1234942570092	New Device MAC 00d0.f822.3350	Config File® 1234942570099_17164 Select Config File

5 After the "Submit Succeeded" prompt appears, click **X** to close the box and complete the operation.

Message		\boxtimes
	Submit succeeded.	

If you need to replace configuration in batches, you can follow the steps below:

1 Click Replace.

Swit	tch List Nev	w firmware availa	able for 5 device	s					Auto Refre	sh: <u> </u> C 🖄 👯 🗸 🔀
Ad	ld Replace	e Web CLI	More 👻 0 Se	lected						SN, Alias, Description
	Online Status	SN	MAC	Alias	MGMT IP	Egress IP	Last Seen On	Network	Model	Firmware Version
	🕑 Online	1234942570099	00d0.f811.2239	锐捷	192.168.3.14	112.5.139.96	2024-05-29 14:58:07	JS-TEST-APART	XS-S1930J-8GT2SFP-P	XS1930J_RGOS 11.4(1)B70P18, Re
	🕑 Online	1234942570301	00d0.f822.336a	1930-8-131	10.52.24.65	140.224.74.123	2024-04-24 16:44:07	V1.4.5.2_初期化構成テスト_JAPAN1	XS-S1930J-8GT2SFP	XS1930J_RGOS 11.4(1)B70P18, Re
	🔕 Offline	1234942570020	00d0.f822.33d0	SW2	10.52.25.226	10.52.25.226	2024-05-28 12:54:07	v1.5.3-test	S2910-24GT4SFP-UP-H	S29_RGOS 11.4(1)B74P1, Release(
	🔕 Offline	1234942570023	00d0.f822.33d6	2910-sw	10.52.24.108	192.168.1.6	2022-11-01 10:30:07	V1.4.5.2_test	S2910-24GT4SFP-UP-H	S29_RGOS 11.4(1)B74P1, Release(
	Offline 🔇	1234942570068	00d0.f822.3378	Empty	10.52.24.48	0.0.0.0	-	V1.5.1-EG-TOPO1	XS-S1930J-8GT2SFP-P	XS1930J_RGOS 11.4(1)B70P18, Re
	Offline 🔇	1234942570088	00d0.f822.3380	1930J-48GT-2	192.168.3.48	112.111.1.179	2023-12-19 11:39:07	1930J-UPGRADE	XS-S1930J-48GT4SFP	XS1930J_RGOS 11.4(1)B70P18, Re
	Offline 🔇	1234942570100	00d0.f811.2235	test	10.52.24.96	112.111.6.182	2023-03-06 16:43:37	V1.4.5.3_upgrade_sw	XS-S1930J-8GT2SFP-P	XS1930J_RGOS 11.4(1)B70P17, Re
	🛞 Offline	1234942573329	00d0.f822.3390	Ruijie	192.168.2.2	10.52.24.66	2024-05-30 16:51:07	V1.5.4-TEST	XS-S1930J-18GT2SFP-P	XS1930J_RGOS 11.4(1)B70P18,
	🔕 Offline	G1PHC1Z006575	c0b8.e6a0.0c0d	S2910-TEST	192.168.2.160	140.224.74.123	2023-06-21 13:37:07	default	S2910-24GT4XS-E	S29_RGOS 11.4(1)B74P6
	🔕 Offline	G1S0769002690	f074.8dc8.8d88	S29-TEST	192.168.2.2	140.224.74.123	2023-10-12 11:30:07	JS-TEST-APART	S2910-24GT4XS-E	S29_RGOS 11.4(1)B74P1

2 Click Download Template to download the template.

			2
Device List			
F≤Batch Import (♥ Download	l Template		
Replaced Device SN	New Device SN	New Device MAC	Config File
	Enter SN	Please enter the MAC.	Select Config File

3 Fill in the template. You can fill in up to 200 items at a time.

- 2	A	В	С
1	Replaced Device SN	New Device SN	MAC
2			
3			
4			

Items	Description
Replaced Device SN	Enter the SN of the existing device .
New Device SN	Enter the SN of the new device .
MAC	Enter the MAC address of the new device.

4 Click **Batch Import** to import the filled template.

Replace			×
Device List			
[∐Batch Import] (Download 1	Femplate		
Replaced Device S	N New Device SN	New Device MAC	Config File
		No Data	
			ОК
0 Open			×
\leftarrow \rightarrow \checkmark \uparrow \downarrow \rightarrow This PC \rightarrow De	ownloads		✓ Č Search Downloads
Organize 🔻 New folder			III 🔹 🕶 🚺 😮
A Quick access	Name V Today (2)		Date modified
Downloads	Image: Device Replacement Template20240612 202952 Image: Template_46553_20240612203334		2024/6/12 20:33 2024/6/12 19:45
Pictures This PC	> Yesterday (10) > Last week (11)		
	> Last month (48)		
20240314-西班牙SEK OEM项 S1620J多速率轻量云管交换	> A long time ago (297)		
■ zh-CN-中文 ○ 文档优化			
File name	C Perlacement Template 20240612 202052		2 百会议文件
File name. Devic	e_replacement_lemplate20240012_202952		Open Cancel

5 Select the configuration file for your new switches and click **OK**.

Config File
1234942570099_17181 Select Config File
1234942570301_17118 Select Config File

6 After the "Submit Succeeded" prompt appears, click **X** to complete the operation.

Message		\bowtie
	Submit succeeded.	

4.2.7 Delivering Configuration via Web CLI

Ruijie JaCS supports managing switches via Web CLI. Select the switch to be managed and click **Web CLI**. Commonly used CLI commands are provided on the left side of the Web CLI page. Click a command or enter a command manually to send the relevant configuration to the device.

records selected Clear									
Project Name	Online Status 🛛 🔻	SN	Config Status 📱	MAC	Model	Alias	MGMT IP	Egress IP	Act
Japan Office	Online	G1QH5SS000158	Synchronized	ecb9.7015.349c	XS-S1930J-8GT2SFP-P	Ruijie 🖊	192.168.2.11	221.116.116.90	
Japan Office	Offline	G1QH9MK010455	Not Synchronized	ecb9.7015.4644	XS-S1930J-8GT2SFP	Japanoffice 🖊	192.168.2.83	221.116.116.92	
								total of 2 1	10 / pa
CLI									Х
5N:G1QH555000158						Back	ground color:		Clea
Diagnose Web C	onsole								
Canaral >					46 - 1-64				
deneral >	Version	Plea	ase select the targ	et operation on	the left				
Connectivity >	Running Config	Plea	ase select the targ	jet operation on	the left				
Connectivity > Running Status >	Running Config Startup Config	Plea	ase select the targ	jet operation on	the left				
Connectivity > Running Status >	Running Config Startup Config Log	P163	ase select the targ	let operation on	the left				
Connectivity > Running Status >	Version Running Config Startup Config Log Current Time	Piez	se select the targ	et operation on	the left				
Connectivity > Running Status >	Version Running Config Startup Config Log Current Time		se select the targ	et operation on	the left				
Connectivity > Running Status >	Version Running Config Startup Config Log Current Time	Piez	se select the targ	et operation on	the left				
Connectivity > Running Status >	Version Running Config Startup Config Log Current Time		se select the targ	et operation on	the left				
Connectivity > Running Status >	Version Running Config Startup Config Log Current Time		se select the targ	et operation on	the left				
Connectivity > Running Status >	Version Running Config Startup Config Log Current Time		se select the targ	et operation on	the left				
Connectivity > Running Status >	Version Running Config Startup Config Log Current Time		se select the targ	et operation on	the left				
Connectivity > Running Status >	Version Running Config Startup Config Log Current Time		se select the targ	et operation on	the left				
Connectivity > Running Status >	Version Running Config Startup Config Log Current Time		se select the targ	et operation on	the left				
Connectivity > Running Status >	Version Running Config Startup Config Log Current Time		se select the targ	et operation on					

4.3 Gateway

This section gives a brief introduction to the gateway management interface and operation steps on the JaCS, including:

- <u>Gateway Managament Interface</u>: Introduce the gateway management interface of the JaCS.
- Adding Gateways: Introduce how to add or batch add gateways to an existing project.
- Deleting Gateways: Introduce how to delete or batch delete gateways from a project.
- Moving Gateways : Introduce how to move a gateway from the project it resides to another one.
- Restarting Gateways: Introduce how to restart an online gateway remotely via the JaCS.
- Delivering Configuration via Web CLI: Introduce how to use the WEB CLI interface to deliver configurations to gateways.
- Accessing the Gateway's eWeb : Introduces how to access the gateway's eWeb through the JaCS.
- Creating a Tunnel: Introduces how to create a Web-based tunnel to access the eWeb system of the gateway to achieve more monitoring and management functions.

4.3.1 Gateway Management Interface

Click **Project** > **Gateway** to go to the gateway management interface. After selecting a specific project, you can manage the gateway devices in this project.

<i>N</i>		
Ruíjie 🖾	C Dashboard 😚 Project 😹 Al Assistant	© 0 ¾ X 👢
🔹 Test1 🛛 🗸	Total Number of Devices:0	
Dverview	0 Gateway 💼 0 Switch 💼 0 AP 💼 0 Ghn 📖 0 OLT 🔤 0 ONU	
 Devices 		
🕞 Client		
Smart Simplicity	O Add Upgrade Web CLI eWeb Import Device O More SN(MAC,Alias Q	🔵 Q I 🕸
중 RF Planning	No data selected	
Roaming	Project Name Online Status V SN 💠 MAC Model Alias 💠 MGMT IP Egress IP	Firmware V Actions
Configuration		
章 Device Config >		
Auth & Account >	No data	
Monitoring		
简 Network Details >		

Items	Description
Project Name	Displays the name of the project where the gateway is located.
Online Status	Displays the online status of the gateway. The online status of the device includes: Online/Offline/Not Online Yet. Click the filter icon 🔹 to filter devices by online status.
SN	Displays SNs of gateways. Click the SN number of a gateway, you can view its detailed information.
MAC	Displays MAC addresses of gateways.
Model	Displays the models of gateways.
Alias	Displays the aliases of gateways.
MGMT IP	Displays the management addresses of gateways.
Egress IP	Displays egress IP addresses of gateways.

Firmware Version	Displays firmware versions of gateways.
Last See On	Displays the last online time of gateways.
Actions	Click the Delete icon in the Action column, you can remove the gateway from the project.

Button	Description
④ Add	Add button. Click this button to go to the device adding interface.
Upgrade	Upgrade button. After selecting the device, click this button to remotely upgrade the device.
Web CLI	Web CLI button. Click this button to enter WEB CLI page to deliver configurations to the device.
eWeb	eWeb button. Select an gateway, and click this button to can access its eWeb.
Import Device	Batch import gateway button. Click this button to add gateways in batches to a project.
More	Click this button to display more operation buttons, including Move to , Delete , and Restart .
Q	Refresh button. Click this button manually to refresh the gateway list.
<u></u>	Row height adjustment button. Click this button to adjust the row height.
鐐	Click this button to customize the displayed items in the gateway list.
	Automatic refresh switch button. The automatic refresh function is enabled by default. When it is enabled, the gateway device list will automatically refresh once every minute.
SN,MAC,Alias Q	Search box. Supports searching gateways according to their SN, MAC addresses, and aliases.

Click the **SN** of a gateway in the gateway list to enter its detailed information interface. The detailed interface consists of the following tabs: **port panel**, **basic information**, **device overview**, **WAN**, **LAN**, **configuration**, **alarm**, and **tunnel**.

Total Number of Devices:13							
2 Gateway	5 Switch	4 AP	1 G-hn	1 OLT	0 ONU		
Authorized Unauthorized							
Add Upgrade Web	o CLI eWeb Imp	oort Device O More	SN,MAC,Alias	Q			🔍 Q 工 竣
No data selected							
Project Name	Online Status	SN ‡	MAC M	odel Alias	🔶 MGMT IP	Egress IP	Firmware ' Actions
TOPOLOGY-TEST	Online	1234942570046	00d0.f822.366e EG5	210-JP Empty	10.52.24.66	112.5.139.96	EG_RGOS 11.9(6)B1:
							total of 1 1 10 / page 🗸

(1) Port Panel

AN LAN Disconnected Disabled				(P) PPPoE	© Static IP	DHCP	⊛ PoE	چ Abnormal	Copper	SFI
	WAND	WAN/LAN0	LAN1	LAN2	LAN3					

(2) Basic Information

The basic information tab displays the alias, the model, the SN, the MAC address, the firmware version, the management IP and the description of the gateway. Click the edit icon 🖍 next to the alias, description and management password to edit them.

Basic	
Alias:	/
MGMT Password:	****** /
Model:	EG5210-JP
SN:	E187360129622
MAC:	00d8.2d1a.3c32
Firmware Version:	EG_RGOS 11.9(6)B13P4, Release(0924 0912)
MGMT IP:	221.116.116.90
Description:	1

(3) Overview Tab

PU & Memory Usa	ge	Device Status		Connecti	vity			Last 24	Hours La	st 7 Da
CPU Usage	Memory Usage	Online Status Online Clients Sessions	Online 0 0	16:00	20:00	0:00	4:00	8:00	12:00	
	2024-06-13 Speed Sur	nmary			20)24-06-13 C	lient Summ	ary	To	day •
/laximum Speed(Mbps)	-O- Uplink -O- Dow	ılink		Clients				,		
1.2				1.2						
0.9				0.9						
0.5				0.5						
0.6				0.6 -						
0.3				0.3 -						
0 2 4	6 8 10 12 14	16 18 20 22	— Hour	0 0 2	4 6	8 10	12 14	16 18 2	0 22	Hou
1	2024-06-13 CPU/Memory	Summary			202	24-06-13 Se	ession Summ	nary		
ercentage (%)	-O- CPU -O- Mem	зry		Session				í		
40				1.2						
20				0.0						
30-				0.9						
20-				0.6						
10-	-40 400 mg			0.3 -						
0 2 4	6 8 10 12 14	16 18 20 22	— Hour	0 0 2	4 6	8 10	12 14	16 18 2	0 22	Hou
Top 10 Applicatio	ons by Traffic		1	op 10 Users	by Traffic					
No.	Application	Traffic		No.	Userna	ame		Traffic		
og Record								D	ice Loc C	unfin !
							All	• Q	Search C	: ::
Туре	Update	i at				Content				
Deheet	2024-06-13	11:01:28 Devi	ice First connect	to MACC or MA	CC address cha	nge				
Online/Offline	2024-06-12	11:00:52 Davi	ce ques online	or the first time						

Items	Description
CPU & Memory Usage	Displays CPU and memory usage.

Device Status	Displays device status including device online status, number of online clients, and number of sessions.
Connectivity	Displays the connection status between the gateway and the cloud in the last 24 hours or 7 days.
Speed Summary	Displays the device's uplink/downlink rate statistics for a certain day in the last 1 to 3 days. By default, the statistics for the current day are displayed. Hover the mouse over a certain time to view the information at that time.
Client Summary	Displays the client statistics of a certain day in the last 1 to 3 days. By default, the statistics of the current day are displayed.
CPU/Memory Summary	Displays the CPU and memory statistics of the device for a certain day in the last 1 to 3 days. By default, the statistics for the current day are displayed.
Session Summary	Displays the session statistics of the device for a certain day in the last 1 to 3 days. By default, the statistics for the current day are displayed.
Top 10 Applications by Traffic	Top 10 applications by downlink traffic are displayed.
Top 10 Users by Traffic	Top 10 users by downlink traffic are displayed.
Log Record	Supports viewing device logs and operation logs.

(4) WAN

Select a WAN port to view its port information and the rate statistics in a specific time period (today/week/month). Hover the mouse to a certain time, you can view the rate information at that time.

Overview WAN LAN	Config Alarm Tunnel	
Port Gi0/0 V		
Basic IP : 192.168.3.2	Today+ Wee	k∓ Month∓
Subnet Mask: 255.255.255.0	Speed Summary	G
Description:	2024-06-13 Speed Summary Maximum Speed(Mbps) -O- Uplink -O- Downlink 1.2 -O- Uplink -O- Downlink 0.9 -O- 0.3 -O- 0.3	
		- Hour
	Port Status(Only daily summary is supported)	0

(5) LAN

Select a LAN port to display the corresponding information of its switch port, routing port, and sub-interface.

				Basic	
				Alias:	/
AN LAN Disconr	nected Disabled	(P) (S) PPPoE Static	IP DHCP PoE Abnormal Copper SFP	MGMT Password:	*****
				Model:	EG5210-JP
				SN:	1234942570048
				MAC:	00d0.f822.3678
				Firmware Version:	EG_RGOS 11.9(6)B18, Release(11160 8)
				MGMT IP:	192.168.3.2
Vorviow W		Config Alarm Tuppol		Description:	1
Switch Port (L	LAN 1)	Subinterface (Gi0/4)			
Switch Port (L Duplex:	LAN 1)	Subinterface (Gi0/4) Name	IP		VLAN
Switch Port (L Duplex: Speed:	LAN 1) 	Subinterface (Gi0/4) Name	IP No Data		VLAN
Switch Port (L Duplex: Speed: Routed Port (C	LAN 1) (Gi0/4)	Subinterface (Gi0/4) Name First Previo Page 0	IP No Data of 0 Next Last		VLAN
Switch Port (L Duplex: Speed: Routed Port (IP :	LAN 1) (Gi0/4) 192.168.1.1	Subinterface (Gi0/4) Name First Previo Page 0	IP No Data of 0 Next Last		VLAN
Switch Port (I Duplex: Speed: Routed Port (I IP : Subnet Mask:	LAN 1) (Gi0/4) 192.168.1.1 255.255.255.0	Subinterface (Gi0/4) Name	IP No Data of 0 Next Last		VLAN
Switch Port (I Duplex: Speed: Routed Port (IP : Subnet Mask: LAN:	LAN 1) (Gi0/4) 192.168.1.1 255.255.255.0 LAN 0,LAN 1,LAN 2,LAN 3	Subinterface (Gi0/4) Name	IP No Data		VLAN
Switch Port (I Duplex: Speed: Routed Port (IP : Subnet Mask: LAN: Description:	LAN 1) (Gi0/4) 192.168.1.1 255.255.255.0 LAN 0,LAN 1,LAN 2,LAN 3 	Subinterface (Gi0/4) Name First Previo Page 0	IP No Data		VLAN

(6) Configuration Tab

In this tab, you can back up the gateway configuration. The information displayed in the backup list includes the configuration file name, file size, backup time, mode, MD5 and description.

Current	Back up Download Re	Delete	Compare				е 🛱
	File Name	File Size	Time	Mode	MD5	Description	Action
1234942	2570048_1718244362983	5.87K	2024-06-13 11:06:00	Auto	709fe3d14c2264980a25e674b756463d	Empty	Details
1224042	2570048 1718244060195	5 54K	2024-06-13 11:00:52	Auto	d4cfcb29a637f429e131fea0acf7a494	Empty	Details

Button	Description
Current	Click the Current button to display the current configuration of the device. Click the Backup on the current device configuration interface, you can back up the configuration. After the backup, click $^{\circ}$ to refresh the list, and the backed up file will be displayed in the list.
Back up	Configuration backup button. Click the Backup , and click OK in the operation confirmation box to back up the current device configuration. After the backup, click $^{\bigcirc}$ to refresh the list, and the backed up file will be displayed in the list.
Download	Download button. Select the configuration file to be exported, click Download , and then click OK in the operation confirmation box. Only one configuration file can be downloaded at a time.
Restore	Backup file restore button. Select a configuration file and click Restore to restore the current configuration file of the device to the selected configuration file. Only one file can be restored at a time.
Delete	Delete button. Select the configuration file to be deleted, click Delete , and when the operation confirmation box appears, click OK .
Compare	Profile comparison button. Select two configuration files to be compared and click Compare to compare them to figure out their differences.
Details	Click the Details in the Action column to view the detailed information.

	Click the words in the description column to modify the description.
Description	Description test1 x A SeeGatrifsC12dc1c8 test1 Details

(7) PoE (Only for PoE Gateways)

The PoE tab displays the information of ports, physical ports, PoE-capable status, PoE status, power, and PD classes.

Overview WAN	Disabled	Image: Second	E Abnormal Copper SFP	Basic Alias: MGMT Password: Model: SN: MAC: Firmware Version: MGMT IP: Description:	
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	On	4.1W	3
port3	LAN 3	Enable	Off	0.0W	Unknown
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
	First	Previous Page 1 of 1	Next Last		10 🔺 Total: 8

(8) Alarm

In this tab, you can set alarm conditions, including sending alarms based on the number of times of exceeding the bandwidth thresholds, the number of ping failures, and the packet loss rate within a certain period of time.

If you want to send an alarm based on the number of times of exceeding the bandwidth thresholds, make sure that "Uplink rate above threshold on gateway " and "Downlink rate above threshold on gateway " in the Alarm Settings interface are enabled before configuration. If you want to configure an alarm based on the number of ping failures, make sure that "Abnormal network access on gateway" in the Alarm Settings interface is enabled before configuration.

Rபராட 🙆 🗋 Dashboard 😚 Project 🔀 Al Assistant			\$ O %	× .
			Alarm Settings	
Alarm Settings			00000JAPAN WiFi	е
Туре	Status	Alarm Threshold	Contact	
Device goes offline		-	0	
Device goes online and offline continually		>20 % 🕑		
All devices are offline	-	-		
High channel usage on AP				
System usage(CPU/memory usage) above threshold			00	
Switch loopback detected (RLDP)	\sim		\bigcirc	
interface updown rate above threshold.		-		
Abnormal network access on gateway			\bigcirc	
High packet loss rate on gateway		-	0	
Uplink rate above threshold on gateway		-	\bigcirc	
Downlink rate above threshold on gateway		-	0	

• Sending Alarms based on the Number of Times of Exceeding the Bandwidth Threshold

By default, the system sets the upstream bandwidth to 1000 M, the downstream bandwidth to 1000 M, the threshold to 80%, and the number of times of exceeding the thresholds to 5. That is, when the bandwidth exceeds 80% of the total bandwidth for 5 times, an alarm will be generated. After modifying as needed, remember to click **Save** to save the configuration.

D Note

Threshold range: 1-100%; frequency range: 1-6 times.

Overview WAN LAN	Config	Alarm	Tunnel Description:
Alarm			To configure alarm settings, click here. To apply the configuration to other devices, click here.
Туре		Rule	
Threshold 🕑		Egress Chann system will no	el Width (The values are automatically retrieved. If incorrect, please modify the value manually, and the ot automatically fetch values any more)
		Di1	Uplink Channel Width 1000 M Downlink Channel Width 1000 M
		If the bandwi	dth exceeds 80 % of threshold for 5 times, the alarm is sent.
Port Status/Packet Loss Spee	ed	Test: 🔵	

Sending Alarms Based on the Number of Ping Failures and Packet Loss Rate within a Certain Period

The specific steps are as follows:

- 1) Enable the Test.
- 2) Set the domain name or IP address. Up to 3 domain names or IP addresses can be entered.
- 3) Set the number of Ping test failures. The supported number range is 1-10 times.
- 4) Set the packet loss rate threshold and the number of times within 5 minutes. (Threshold range: 1-100 %; number range: 1-100 times.)
- 5) Click Save to complete the operation.

Overview WAN LAN Config	Alarm Tunnel
Alarm	To configure alarm settings, click here. To apply the configuration to other devices, click here.
Туре	Rule
Threshold	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)
	Di1 Uplink Channel Width 1000 M Downlink Channel Width 1000 M
	If the bandwidth exceeds 90 % of threshold for 5 times, the alarm is sent.
Port Status/Packet Loss Speed	Test: Domain or IP Address www.baidu.com
	If the Ping test failed for 3 times, the alarm is sent.
	If the packet loss speed exceeds 50 % of threshold for 3 times in 5 mins, the alarm is sent.
	Save Cancel

(9) Tunnels Tab

In this tab, you can create a tunnel. The tunnel types supported by JaCS are Telnet, eWeb, and SSH. Different devices support different types of tunnels. Please refer to the actual device. After selecting the type of tunnel you want to create, click **Create Tunnel**. The created tunnel will be displayed in the tunnel list.

Overview	WAN LAN	Config A	larm Tunnel		Description	n: 🖍			
Create Tunnel									
Type:	eWeb 🗸	Create Tunnel]						
Tunnel List	t								
f the tunnel i Type	is unavailable, please Host	Port	contact us for support. Destination Device	Destination Port	Expired at	Status	Action		
eWeb	35.194.101.74	10207	Local	80	2024-06-13 19:01	Connecting	· ·		
eWeb	35.194.101.74	10059	Local	80	2023-11-20 21:23	Disabled			
eWeb	35.194.101.74	10051	Local	80	2023-11-20 16:08	Disabled	·		
eWeb	35.194.101.74	10050	Local	80	2023-11-20 16:07	Abnormal			
Telnet	34.84.13.46	10047	Local		2023-11-20 15:56	Disabled			
Telnet	34.84.13.46	10046	Local		2023-11-20 15:42	Disabled			
First	Previous Page (1 of 1	Next				10 Total: 6		

D Note

A tenant can create up to 10 tunnels, and up to 5 tunnels can be created for a device. When the number of created tunnels has reached the limit, please close unused tunnels and try again.

4.3.2 Adding Gateways

JaCS provides two ways to add gateways to a specific project.

- Adding a Gateway
- Adding Gateways in Batches

4.3.2.1 Adding a Gateway

Follow the steps below to add the gateway to a project.

1 Select the project to which the gateway need to be added.

Ruífie 🖾	Dashboard 😚 Project ጰ Al Assistant	\$ 0 × × [
🔹 default 🛛 🗸	Total Number of Devices8	
Dverview	1 Gateway 2 Switch 4 AP C 0 Ghn 0 OLT 0 UL	
 Devices 		
D [⇒] Client		
Smart Simplicity	O Add Upgrade Web CLI eWeb Import Device O More SN/MAC/Alias Q	🔍 Q I 🕸
	No data selected	
Roaming	□ Project Name Online Status ▼ SN ¢ MAC Model Alias ¢ MGHT IP Egress IP	Firmware Actions
Configuration	default ● Not Online Yet GW/TEST12333 Empty	:
ə Device Config >		
Auth & Account >		total of 1 1 10 / page 🗸

2 Click Add.

Total Number of Devices:8							
1 Gateway	2 Switch	4 AP	0 G·hn	0 OLT	1 ONU		
Add Upgrade	Web CLI eWeb Impo	rt Device 🛛 More	SN,MAC,Alias	Q			🔍 O I 🕸
No data selected							
Project Name	Online Status 🛛 🐨	SN 🔶	MAC	Model Alias	MGMT IP	Egress IP	Firmware \ Actions
default	Not Online Yet	GWTEST12333		Empty 🛃			i
							total of 1 1 10 / page 🗸

3 Enter the SN (required) and alias (optional). Only one gateway can be added in this interface.

Add	23	\times
SN MACC140412024 Alias		
	ОК	

4 After filling in the information, click **OK**. When the "Add succeeded" prompt appears, click **X** to close the prompt box and complete the operation.

Message		$\overline{\times}$
	Add succeeded	

4.3.2.2 Adding Gateways in Batches

Follow the steps below to add gateways to a project in batched.

1 Select the project.

▲ delult Total Number of Devices3 ① Overview ● ● Devices ● ○ Client ● Smart Simplicity ● ● Roaming ● Configuration ● Et Device Config > ●	Ruffe 🖾	Dashboard O Project 88 AI Assistant	\$ 0 × × (
Overview Overview Overview Overview Overview Stytytelle Overview Stytytelle Overview Stytytelle Overview Stytytelle Stytytytelle Stytytytelle Stytytel	📽 default 🗸 🗸	Total Number of Devices8	
Configuration Er Device Config →	C Overview		
GP Client Smart Simplicity Image: Configuration Configuration Image: Configuration I	 Devices 		
Smart Simplicity	D [⊇] Client		
	Smart Simplicity	Acid Upgrade Web CLI eWeb Import Device O More SNLMAC,Alias Q.	🔍 Q I 🕸
● Roaming ● Project Name Online Status ▼ SN ◆ Model Alias ◆ MGMT IP Egress IP Firmware Actions Configuration	중 RF Planning	No data selected	
Configuration default ● Not Online Vet GW/TEST12333 Empty Empty Emp	Roaming	Project Name Online Status V SN ¢ MAC Model Alias ¢ MGMT IP Egress IP	Firmware Actions
I Device Config >	Configuration	default • Not Online Yet GW/TEST12333 Empty 2	1
	年 Device Config >		
Auth & Account >	Auth & Account >		total of 1 1 10 / page V

2 Click Import Device.

Total Number of Devices:8	2 Switch	4 AP	0 G-hr	out transf	LT1	ONU	
Add Upgrade No data selected	Web CLI eWeb Im	port Device O More	SN,MAC,Alias	Q			O I \$
Project Name	Online Status	SN \$	MAC	Model	Alias 🔶 MGMT	IP Egress IP	Firmware \ Actions
default	Not Online Yet	GWTEST12333		E	Empty 🖊		1
							total of 1 10 / page V

3 Click **Download Template** to download the template.



4 Fill in the template. SN is required, while the alias is optional. Up to 200 devices can be imported into a project each time.

	A	В
1	SN	Alias
2		
3		

Items	Description
SN	Required. The length of a SN should range from 6 to 21 characters.
Alias	Optional. The length of an alias should range from 1 to 64 characters.

5 Click ".xlsx " File to upload the template.

dd			×	
Downlo	ad and fill in the template.U	o to 200 records can be imp	oorted	
	.xlsx File	Download Template		
			Close]
≥n ∋ ∽ ↑ 🕹 > This PC > Downloads >				✓ Ŏ
ize Vew folder				B== •
3D Objects Desktop	 Name Y Today (1) 		Date modified Typ	pe Size
Documents	B Template 55042 20250120122159		2025/1/20 11:28 Mi	crosoft Office E 30 KB

6 When the "Import Succeeded" prompt appears, click **X** to close the prompt box. The imported device will be displayed in the gateway list.

Message		\boxtimes
	Import succeeded	

4.3.3 Deleting Gateways

Follow the steps below to batch remove gateways from a project:

1 Select the gateways you want to delete. Multiple selections are supported.

⊕ Add	Upgrade Web	CLI eWeb Impo	ort Device O More		Q				Q I \$
1 reco	ords selected Clear								
~	Project Name	Online Status	SN 🔶	MAC	Model	Alias 🖨	MGMT IP	Egress IP	Firmware 1 Action
						Country &	10.50.04.65		

2 Click More, and then click Delete.

Authorize	d Unauthorized									
🕀 Add	Upgrade Web	CLI eWeb Im	port Device	O More	SN,MAC,Alias	Q				💽 Q I 🕸
1 rece	ords selected Clear			Move to						
	Project Name	Online Status	s	Reboot	MAC	Model	Alias	≑ MGMT IP	Egress IP	Firmware ' Actions
<u>~</u>	TOPOLOGY-TEST	• Online	12349	Delete	00d0.f822.366e	EG5210-JP	Empty	10.52.24.66	112.5.139.96	EG_RGOS 11.9(6)B1: :
					-					total of 1 1 10 / page \vee

3 Click **OK** in the operation confirmation box to complete the operation.

Message	×
Are you sure you want	t to delete the device?
ОК	Cancel

In addition to the above deletion methods, you can also delete devices through the **Delete** button in the **Action** column of the gateway list.

🕕 No d	ata selected							
	Project Name	Online Status 🍸	SN	Config Status 📱	MAC	Model	Alias	MGI Actions
	Japan Office	Online	E187360129622	Synchronized	00d8.2d1a.3c32	EG5210-JP	Empty 🖊	221.11 :
							tota	Delete

4.3.4 Moving Gateways

Follow the steps below to move a gateway to another project.

1 In the gateway list, select the gateway you want to move.

Authorize	ed Unauthorized								
⊕ Add	Upgrade Web	o CLI eWeb Impo	ort Device O More		Q				💽 Q I 🕸
0 1 rec	ords selected Clear								
	Project Name	Online Status 🛛 🗑	SN ‡	MAC	Model	Alias	# MGMT IP	Egress IP	Firmware 1 Actions
	Japan Office	Online	E187360129622	00d8.2d1a.3c32	EG5210-JP	Empty 🖍	221.116.116.90	221.116.116.90	EG_RGOS 11.9(6)B1: :
									total of 1 1 10 / page 🗸

2 Click More, and then click Move to.

Authoriz	ed Unauthorized									
🕀 Add	Upgrade Web	CLI eWeb Imp	port Device	O More		Q				💽 Q I 🕸
1 rec	ords selected Clear			Move to						
	Project Name	Online Status	s	Reboot	мас	Model	Alias	# MGMT IP	Egress IP	Firmware 1 Actions
~	Japan Office	Online	E1873	Tunnel Delete	00d8.2d1a.3c32	EG5210-JP	Empty	221.116.116.90	221.116.116.90	EG_RGOS 11.9(6)B1: :
			-		_					total of 1 10 / page \vee

3 Select a new project and click **OK**.

Select Project	×	\times
路 00Demo用環境		~
Can	cel	ОК

4 When the operation confirmation box appears, click **OK**.

(!)	Message Are you sure you want to move the device to the project ai_home_for_test
	cancel ok

4.3.5 Restarting Gateways

Follow the steps below to remotely restart the gateway.

1 Select the gateway to be restarted.

Authorized	d Unauthorized									
🕀 Add	Upgrade Web	CLI eWeb Imp	ort Device O More		Q				0	主命
1 reco	ords selected Clear									
	Project Name	Online Status	SN ÷	MAC	Model	Alias	🐥 MGMT IP	Egress IP	Firmware '	Actions
	Japan Office	Online	E187360129622	00d8.2d1a.3c32	EG5210-JP	Empty 🖍	221.116.116.90	221.116.116.90	EG_RGOS 11.9(6)B15	:
									total of 1 1 1	0 / page \vee

2 Click More, and then select Reboot.

Authorize	d Unauthorized										
🕀 Add	Upgrade Web	CLI eWeb Import	Device	O More		Q				O	工命
1 reco	rds selected Clear			Move to							
	Project Name	Online Status	s	Reboot	MAC	Model	Alias 👙	MGMT IP	Egress IP	Firmware	Actions
~	Japan Office	• Online	E1873	Tunnel Delete	00d8.2d1a.3c32	EG5210-JP	Empty	221.116.116.90	221.116.116.90	EG_RGOS 11.9(6)B15	:

3 Click **OK** in the operation confirmation box, and wait for the device to restart.



4.3.6 Delivering Configuration via Web CLI

Ruijie JaCS supports configuring gateways via Web CLI. Select the gateway to be managed and click **Web CLI**. Commonly used CLI commands are provided on the left side of the Web CLI page. Click a command or enter a command manually to send the relevant configuration to the device.

Authorized Unauthorized O Add Upgrade W I records selected Clear	eb CLI eWeb Import	Device O More		Q,				〇 王 総
Project Name	Online Status	SN 🚖	MAC	Model	Alias 🖨	MGMT IP	Egress IP	Firmware ' Actions
Japan Office	• Online	E187360129622	00d8.2d1a.3c32	EG5210-JP	Empty 🚄	221.116.116.90	221.116.116.90	EG_RGOS 11.9(6)B1:
								total of 1 10 / page 🗸
Web CLI								X ×
SN:E187360129622						Back	ground color:	Clear
Diagnose Web	Console							
General >	Version	Please se	elect the target o	peration on the left				
Connectivity >	Running Config							
Running Status >	Startup Config							
Client >	Log							
	Current Time							

4.3.7 Accessing the Gateway's eWeb

Ruijie JaCS supports accessing the eWeb interface of a gateway through a tunnel.

The specific steps are as follows:

1 Select the gateway.

Authorize	Unauthorized										
⊙ Add	Upgrade Web	CLI eWeb Impor	t Device	SN,MAC,Alias	Q					C	0 I ©
1 reco	rds selected Clear										
	Project Name	Online Status 🐨	SN \$	MAC	Model	Alias	# MGMT IP	Egress IP	Firmware Version	Last Seen On	Actions
	Japan Office	Online	E187360129622	00d8.2d1a.3c32	EG5210-JP	Empty 🚄	221.116.116.90	221.116.116.90	EG_RGOS 11.9(6)B13P4, Release(09	-	
										total of 1	1 10/page v

2 Click eWeb.

I records selected Clear Clear MAC Model Alias	0 正 ⑳	• 0				Q	SN,MAC,Alias	➡ More	import Device	eWeb	i Web CLI	Unauthorized	Authorized
☑ Japan Office ● Online E187360129622 00d8.2d1a.3c32 EG5210-JP Empty ▲ 221.116.116.90 221.	ess Actions	P Egress	MGMT IP	÷	Alias	Model	MAC	\$	T SN	online Status	O	rds selected Clear Project Name	1 reco
	6.1 :	.90 221.116.1	221.116.116.90		Empty 🖊	EG5210-JP	00d8.2d1a.3c32	29622	E1873601	• Online		Japan Office	✓

3 After creating the tunnel, the eWeb interface of the device will automatically open in a new tab.

R	Ujje		Q. 検索メニュー	C ローカルクイック構成 Hi,admin 〜
• 🖒 *-4	システムホームペ ージ	システムホームページ		
88		インターフェース情報	デバイス概念	R
常用	インターフェース状態	■ポートUP ■ポートDOWN	CPU: 2	
E.		WAND LAN3	オンライン ユ	.ーザー数: 2
行動管理		22 設定済み 設定済み	デバイス時間	a: 2024-06-13 18:37:54
() セキュリティ 認証		2 □ −Ў ∀ −ŀ	EG5210- Release(1	JP EG_RGOS 11.9(6)B18, .1160218) 詳細
		インターフェース:本体 🗸 時間: 1時間	本体直近	1時間内下り通信量ビークは 0.00Mbps
ネットワーク		本体フローチャート「下り通信量・	-	
		1.00Mbps		
₽ ₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽₽		0.80Mbps		
		0.60Mbps		
>X 3000-200≎		0.40Mbps		
		0.20Mbps		
(<u>(</u>)) 詳細		0.00Mhns		
		17:40 17:45 17:50 17:55 18:00 18:05 18:10 ■フロー制時前の温電量 ■/CULを温電	0 18:15 18:20 18:25	18:30 18:35
		現在のデバイス 下り V TOP10 使用率 本体 V ご 詳細>> 現在のアプリ	下り V 70- TOP10 本体 V	€ 詳細>>
		リアルタイムトラフィック(使用率%) 上り通信量 下り通信量 ランギ	キング アプリ フロー Kbp	ps ▼ アプリの種類
				<u>^</u>

If the eWEB does not open automatically, you can click "here" to jump to the eWEB or try to re-create the tunnel.

Tip		\times
	 Succeeded to create the tunnel. 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.	
	3. If the web configuration page does not	
	open automatically, please here to config.	
	Or click here to re-create the tunnel.	
4.3.8 Creating a Tunnel

Users can create a Web-based tunnel to access the gateway's eWeb system to achieve more monitoring and management functions.

D Note

If there is any security system present in the network, such as a firewall, traffic to destination TCP ports 10000-12000 should be allowed.

Follow the steps below to create a tunnel:

1 Select a gateway.

Authorize	d Unauthorized	CLT aWab Tru	Part Davides		0			
Add1 reco	ords selected Clear	eweb ing	boit bevice	SIN, MIAC, Allas	Q			
✓	Project Name	Online Status 🏾 📱	SN	\$ MAC	Model	Alias	# MGMT IP	Egress Actions
	Japan Office	Online	E18736012962	2 00d8.2d1a.3c32	EG5210-JP	Empty 🚄	221.116.116.90	221.116.1 :

2 Click More, and then click Tunnel.

Authorize	d Unauthorized									
① Add	Upgrade Web	o CLI eWeb Impo	rt Device	⊖ More	SN,MAC,Alias	Q			🖸 Q Ī	礅
🕕 1 reco	ords selected Clear			Move to						
~	Project Name	Online Status 🏾 📱	S	Reboot	MAC	Model	Alias	Sector MGMT IP	Egress Actio	ons
	Japan Office	Online	E1873	Tunnel Delete	00d8.2d1a.3c32	EG5210-JP	Empty	221.116.116.90	221.116.1 :	
								tota	l of 1 1 10 / pag	ge 🗸

3 Select a tunnel type, and click **Create Tunnel**. Different products support different tunnel types.

Create Tu	nnel						
/pe: SSH SSH TELN	V (Create Tunnel					
W/FR							Local Glo
Tunnel Lis	st						C 👪
Tunnel Lis	st is unavailable, pleas Host	e re-create it d	or contact us for suppor Destination Device	t. Destination Port	Expired at	Status	C 👯
Tunnel Lis the tunnel Type eWeb	is unavailable, pleas Host 34.84.13.46	e re-create it o Port 10028	or contact us for suppor Destination Device Locel	t. Destination Port 80	Expired at 2024-11-13 21:46	Status Connecting	C #
Tunnel Lis the tunnel Type eWeb eWeb	tis unavailable, pleas Host 34.84.13.46 34.84.13.46	Port 10028	or contact us for suppor Destination Device Local Local	t. Destination Port 80 80	Expired at 2024-11-13 21:46 2024-11-12 14:07	Status Connecting Disabled	C ##
Tunnel Lis the tunnel Type eWeb eWeb eWeb	tis unavailable, pleas Host 34.84.13.46 34.84.13.46 35.194.101.74	Port 10028 10299 10225	Destination Device Local Local Local Local	t. Destination Port 80 80 80	Expired at 2024-11-13 21:46 2024-11-12 14:07 2024-11-11 18:15	Status Connecting Disabled Disabled	C ##
Tunnel Lis the tunnel Type eWeb eWeb eWeb eWeb	Host 34.84.13.46 35.194.101.74 35.194.101.74	Port 10028 10299 10225 10035	Destination Device Destination Device Local Local Local Local	t. Destination Port 80 80 80 80 80	Expired at 2024-11-13 21:46 2024-11-12 14:07 2024-11-11 18:15 2024-10-24 14:18	Status Connecting Disabled Disabled Disabled	C :: Action Disable <u>GO</u> Re-create Re-create Re-create

4.3.9 Configuring Dynamic DNS

To configure the dynamic DNS:

1 Select a project, and navigate to **Device Config > Dynamic DNS** to go to the configuration page.

Ruijie 🖾	Dashboard D Project 88 Al Assistant	🛛 🕸 🛪 🗶 🛄
🔹 group-other 🛛 🗸	Select the device(Online): 1234942570046	
Overview	DDNS	
 Devices 		
0P Client	Automatically update your DNS host each time when its public IP address changes.	
Smart Simplicity	Enable DDNS ①: Disabled	
🗢 RF Planning	(See	
Roaming		
Configuration		
部 Device Config >	O Gateway O Wireless	
Auth & Account >	Dynamic DNS Basic	
Monitoring	AP Template	

2 Select an online device.

Select the	device(Online): 123494	2570046	~				
SN,M	AC,Alias	Q					
	SN	Online Status	MAC	Alias	Model	MGMT IP	
٢	1234942570046	Online	00d0.f822.366e	Empty	EG5210-JP	10.52.24.66	
1	10 / page $ \lor $						

3 Configuring the DDNS information, and then click **Save**.

•	Automatically update your DNS host	each time when its public IP address changes.
	Enable DDNS ①:	C Enabled
	* Domain:	cloudtest116 _ruijieddns.net v Copy O
	Internet:	
	* Map to:	Public IP
	IP:	112,5.139,96
		I have read and agreed to the User Agreement.
		Save

Items	Description
Enable DDNS	Whether to enable DDNS.
Domain	Specify a domain name address (the length of an address ranges from 1 to 32 character.)
Internet	The IPv4 is set by default.
Map to	Mapped to a public IP address by default.
IP	Displays the public IP address.

4.4 G.hn Devices

This section gives a brief introduction to the management interface and operation steps of the G.hn device RG-HS2310-16GH2GT1XS on the JaCS, including:

- <u>G.hn Management Interface</u>: Introduce the G.hn management interface on the JaCS.
- Basic Operation: Introduce the basic operations for managing the G.hn device.

4.4.1 G.hn Management Interface

Navigate to **Project** > **G.hn** to enter the G.hn device management interface. The G.hn device list is the same as the switch list, please refer to 4.2.1 Switch Management Interface.

Ruíjie 🖾	Dashboard 🕲 Project 🔀 Al Assistant	🕸 🕐 🦄 🗙 🚺
& default \vee	Total Number of Devices8	
D Overview		
 Devices 		
© Client		
Smart Simplicity	O Add Upgrade Replace Web CLI O More SN/MAC,Alias Q	🔵 Q I 🕸
중 RF Planning	No data selected	
Roaming	Project Name Online Status ¥ SN \$ MAC Model Alias \$ MGMT IP Egress IP	Firmware V Actions
Configuration		
≇ Device Config >		
Auth & Account >	No data	
Monitoring		
Metwork Details >		

Click the **SN** in a G.hn device list to go to its detailed information interface. The details interface of a G.hn device is similar to that of a switch. For details, see <u>Section 4.2.1</u>. Only the **DM topology** tab is introduced here.

© 4	dd Upgrade Replac	Web CLI G	More SN,MAC,Alias		۹				Ç	1
	Project Name	Online Status 🛛	SN \$	MAC	Model	Alias	♣ MGMT IP	Egress IP	Firmware	Actions
	Cloud2.0_S2私が受信し	Offline	G1S09H9023523	d431.2749.12ec	RG-HS2310-16GH2G	母机之	10.52.25.73	10.52.25.73	HS2310_RGO!	:
	Cloud2.0_S2私が受信し	Not Online Yet	914GHN0004			test004				:
	Cloud2.0_S2私が受信し	Not Online Yet	914GHN0005			test005				:
	Cloud2.0_S2私が受信し	Not Online Yet	914GHN0006			test006				:
	Cloud2.0_S2私が受信し	Not Online Yet	914GHN0007			test007 👱				:
	Cloud2.0_S2私が受信し	Not Online Yet	914GHN0008			test008				:
	Cloud2.0_S2私が受信し	Not Online Yet	914GHN0009			test009 🖊				:
	Cloud2.0_S2私が受信し	Not Online Yet	914GHN0010			test010				:
	Cloud2.0_S2私が受信し	Not Online Yet	914GHN0011			test011				:
	Cloud2.0_S2私が受信し	Not Online Yet	914GHN0012			test012				:

DM Topology tab displays the topology information of the main telephone line unit (RG- HS2310-16GH2GT1XS) and the child telephone line unit (RG-HA3515-DG).

Uplink and	downlink p	oorts can not	t be selected at	the same time. G.h	n interfaces cannot be configured.	G.hn Device Info		×
			17 18	1 3 5 7 19 2 4 6 8	9 11 13 15 10 12 14 16	Alias: Model: SN: MAC: Firmware Version: select	HS-1 / RG-HS2310-16GH2GT1XS MACC942570106 0020.3040.5088 HS2310_RGOS 11.4(1)B90 10.51 104 147	
Overview	Ports	Config	Diagnose	DM Topology		Description:	1	
Topology	List							
Search			Q				Refresh Download	
					HS-1			+ -

4.4.2 Basic Operations

The operations for G.hn devices, such as device addition, device deletion, configuration replacement, device restart, device movement, and WEB CLI, are similar to switch operations. Please refer to operations introduced in the <u>Section</u> <u>4.2 Switch</u>.

4.5 OLT

This section gives a brief introduction to the management interface and operation steps of OLT (Optical Line Terminal) on the JaCS, including:

- OLT Management Interface: Introduces the OLT management interface.
- Adding OLTs: Introduces how to add or batch add OLTs to an existing project.
- Deleting OLTs: Introduces how to delete or batch delete the OLT(s) from a project.
- Moving OLTs: Introduces how to move the OLT(s) to another project.
- Upgrading OLTs: Introduces how to remotely upgrade the OLT(s) through the JaCS.
- <u>Restarting OLTs</u>: Introduces how to remotely restart an online OLT through the JaCS.
- <u>Configuration Replacement</u>: Introduces how to synchronize the configuration of an imported OLT to a new one.
- Creating a Tunnel: Introduces how to create a tunnel.

D Note

Now, the supported OLT is RG-MT3002.

4.5.1 OLT Management Interface

Click **Project** > **OLT** to enter the OLT management interface. Click the **SN** of an OLT in the list to view its detailed information.

Ruijie 🖾	Dashboard 🔞 Project 😸 Al Assistant	🏽 🕲 🦄 🗙 🔳
& default \vee	Total Number of Devices 8	
D Overview		
Devices		
D ^D Client		
Smart Simplicity	Add Upgrade Replace O More SNUMACAlias Q.	🔍 Q I 🕸
	No data selected	
Roaming	Project Name Online Status V SN 💠 MAC Model Alias 💠 MGHT IP Egress IP	Firmware V Actions
Configuration		
莘 Device Config >		
Auth & Account >	No data	
Monitoring		
简 Network Details >		
Alarms		
Logs >		
Upgrade		
Ø Firmware		
↔ Upgrade		

Items	Description					
Project Name	Displays the name of the project where the OLT is located.					
Online Status	Displays the online status of the OLT. The online status of the device includes: Online/Offline/Not Online Yet. Click the filter icon 🔻 to filter the OLTs by online status.					
SN	Displays the SNs of OLTs. Click the SN of an OLT to view its details information.					
MAC	Displays MAC addresses of OLTs.					
Model	Displays OLT models.					

Alias	Displays the aliases of OLTs.
MGMT IP	Displays the management addresses of OLTs.
Egress IP	Displays the egress IP addresses of OLTs.
Firmware Version	Displays the firmware versions of OLTs.
Last See On	Displays the last online time of OLTs.
Action	Action column. Click the Delete button in the Action column to remove the device from the project.

Button	Description
① Add	Add button. Click this button to go to the adding interface.
Upgrade	Upgrade button. After selecting the device, click this button to remotely upgrade the device.
Replace	Configuration replacement Button. You can synchronize the configuration of the old device to a new device of the same model. After configuration, when the new device is online, the configuration of the old device will be sent to it automatically.
More	Click this button to display more operation buttons, including Move to , Delete , Restart , and Tunnel .
0	Refresh button. Click this button manually to refresh the OLT device list.
	Automatic refresh button. When it is enabled, the OLT device list will automatically refresh once every minute.
Ī	Row height adjustment button. Click this button to adjust the row height.
愈	Click this button to customize the displayed items in the OLT list.
SN,MAC,Alias Q	Search box. Supports searching an OLT by its MAC, SN, or alias.

Click the SN of a OLT device to go to device detail page.

Ruíjie 🖾	🗅 Dashboard 😚 Project ጰ Al Assistant	® @ ¾ X
& Lite-PON V	Total Number of Devices66	
Overview	4 Gateway T 1 Switch 0 4P G 0 Gan 7 OIT W	
Devices		
DP Client		
Smart Simplicity	Add Upgrade Replace IN More SNMACAlias Q	🔍 Q I 🕸
	No data selected	
Roaming	Project Name Online Status 🔻 SN 💠 MAC Model Alias 💠 MGMT IP Egress IP	Firmware Actions
Configuration	Lite-PON • Online 30160500 f074.8 RG-MT3002 44-kenny 192.168.1.251 117.173.84.173 MF1_	.3.1_1_B5P2_Ber :

vice Detail								22
DLT Info								
30160500000025	MAC:	f074.8dfd.2e58		MGMT IP: 192.168	3.1.251	Model	RG-MT3002	
dware Version: V1.00								
nware Version: MF1_3.1_1_	B5P2_Beta, Release(1213161)	5), Revision(3c6d844b6)						
is: 4A-kenny 🖊								
cription: - 🖊								
rview Back up								
Status								
Memory Usage	ci	PU Usage						
		0						
34%		13	%					
	9							
Chip Info								C
finiOLT_1 MiniOLT_2								
N. 80835W00105	Phys	sical link: Connected		Temperature: 61.0	13 °C	Manufa	cturer: KT	
irmware Version: v2.0.13T3	31b-33042501-FTTR-0002-00	0005						
Ethernet Module Info								C'
N: HC2203230020	Man	ufacturer: OEM		Firmware Version:	1.0			
Downlink Device List								C
Mahurada Chatum								• • •
Network Status								<u> </u>
 No data selected 								
Chip T	SN	GPONSN	IP Address	MAC	Status T	Cloud Status	Network Status	Actions
MiniOLT_1	30160600000036	RJTC8D400023	192.168.1.225	F0:74:8D:40:00:23	Online	Online	On	🗐 Reboot
MiniOLT_2	301606444488150	RJTC8DFD0B4C	192.168.1.137	F0:74:8D:FD:0B:4C	Online	Online	On	Reboot
							total o	F2 1 10 / page

(1) OLT Information

The OLT infor displays the device's SN, MAC address, MGMT IP address, model, hardware version, firmware version, alias and description.

OLT Info							
SN: 30160500000025	MAC: f074.8dfd.2e58	MGMT IP: 192.168.1.251	Model: RG-MT3002				
Hardware Version: V1.00							
Firmware Version: MF1_3.1_1_B5P2_Beta, Release(12	2131615), Revision(3c6d844b6)						
Alias: 4A-kenny 🗶							
Description: - 🖊							

(2) Overview Tab

The Overview tab consists of four parts: **Status**, **Chip Information**, **Ethernet Module Information** and **Download Device List**.

erview	Back up								
Status									
Memory	Usage	С	PU Usage	%					
Chip Inf	fo MiniOLT_2								Ċ
SN: B1737 Firmware V	/M00009 /ersion: v2.0.13T31b-330	Phy 042501-FTTR-0003-00	sical Link: Not Connec	ited	Temperature: 73.	.70 °C	Manuf	acturer: K⊺	
Etherne	t Module Info								C
SN: 9CZO1	1Q2100005	Mar	nufacturer: Ccloud		Firmware Version	: 1.0			
Downlin	nk Device List								C
Network	Cards selected Clear								1 💿
	Chip T	SN	GPONSN	IP Address	МАС	Status	Cloud Status	Network Status	Actions
~	MiniOLT_2	F5AF1478	RJTCF5AF1478	192.168.150.128	28:D0:F5:AF:14:78	Online	Online	On	Reboot
								total of	f1 1 10 / page >

In the **Download Device List**, you can change the network status of its downlink devices.

To change the network status of its downlink devices:

1 Select a downlink device, and then click **Network Status**.

Downlin	nk Device List								C
Network	k Status								💿 I 🕸
1 rec	cords selected Clear								
	Chip 📱	SN	GPONSN	IP Address	MAC	Status 📱	Cloud Status	Network Status	Actions
	MiniOLT_2	F5AF1478	RJTCF5AF1478	192.168.150.128	28:D0:F5:AF:14:78	Online	Online	On	🗐 Reboot
								total of	1 1 10 / page 🗸

2 Change the status and click **OK**.

Network Status		×
On		
	Cancel	ОК

(3) Back up Tab

Configurati	ion Backup List				
Back Up	Restore Delete				♥ 1 0
	File Name	File Size	Time	MD5	Actions
	30160500000009_1735612231324.cfg	41.43K	2024-12-31 11:30:32	c5079e7be95095c07bda0db152b94f5f	Detail
				to	atal of 1 1 10 / page

Button	Description
Back Up	Click this button to back up the configuration of the OLT device.
Restore	Select a backup configuration file and then click this button to restore the device to the selected configuration backuped.
Delete	Select a configuration file and then click Delete to delete it.
Details	Click Details in the Action column to view the details of the configuration.

4.5.2 Adding OLTs

JaCS provides two ways to add optical line terminals to a specific project.

- Adding an OLT
- Adding OLT in Batches

4.5.2.1 Adding an OLT

Follow the steps below to manually add an OLT to an existing project. This method is suitable for adding a small number of OLTs:

1 In the OLT management interface, click + Add.

Total Number	of Devices:1	0 Switch	(100) 0 AP) G·hn	1 OLT	0 ONU	
AddNo dat	Upgrade Repla	ice 🕒 More SN.M	AC,Alias	Q				● 0 王 尊
	Project Name	Online Status	SN ‡	MAC	Model	Alias	MGMT IP	Egress Actions
	Test1	Not Online Yet	1223312			Empty		:
							total	of 1 1 10 / page 🗸

2 Click Add a Device.



3 Enter the SN (required) and Alias (optional). The length of the SN should be between 6 and 20 characters, and the length of an alias cannot exceed 64 characters. Click 🔍 to delete the filled SN, and click + to add more SNs.

Add		×
1 SN	Alias	
2 SN	Alias	
3 SN	Alias 👘 +	
Batch Import		OK Close

4 After filling in the information, click **OK**. When the "Add succeeded" prompt appears, click **X** to close the prompt box. The added device will be displayed in the OLT list.

Message		
	Add succeeded	

4.5.2.2 Adding OLTs in Batches

Follow the steps below to add OLT devices to a specified project in batches.

1 Select the project.

Ruíjie (===)	🗋 Dashboard	Project	8 Al Assista	int		
器 Lite-PON ∨	Total Number of Device	es:68				
Dverview	4 Gate	way	1 Switch			
📼 Devices						
Click Add.						
0 Gateway	Switch	0 AP	0 G·hn	0LT 0 OL	10 0 UNO	۱U
Add Upgrade Repla No data selected	O Switch	0 AP	0 G-hn	0 OL	T 0 0	ŧU ● ೧ 王 稔
O Gateway O Gateway O Add Upgrade Repla No data selected Project Name	0 Switch	0 AP	C Ghn	Model A	T 0 OP	し の 正 参 Egress Actions

3 Click **Download Template** to download the template.



4 Fill in the template. SN is required, while the alias is optional. Up to 200 devices can be imported each time.

- 2	A	В
1	SN	Alias
2		
3		

5 Click ".xls" File to upload the completed document.

device Add	x ×
Download and fill in the template.Up to 200 records can be imported	
Add a Device	ОК
lder	III 🔻 🔟 😮
🖈 ^ Name	✓ Date modified ^
🖈 🛛 🗸 Today (1)	
* Template_7232_20240924184941	2024/9/24 17:
* > Yesterday (1)	~
<i>∜</i> ∨ <	>
: name: Template_7232_20240924184941 ~~	Microsoft Office Excel 97-2003 , $ \sim$
	Open Cancel

6 When the "Import succeeded" prompt appears, click **X** to close the prompt box. The imported devices will be displayed in the OLT list.

Message		\boxtimes
	Import succeeded	

4.5.3 Deleting OLTs

Follow the steps below to delete the OLT(s) from an existing project.

1 Select the OLTs to be deleted.

Total Numbe	o Gateway	0 Switch	0 AP) G-hn	2 OLT	O ONU			
Add 2 recc	Upgrade Repl ords selected Clear	lace O More SN,M	IAC,Alias	٩					• 0 1	愈
<u>~</u>	Project Name	Online Status 🛛	SN ‡	MAC	Model	Alias	🗘 MGMT IP	Egress IP	Firmware ' Act	tions
	Project Name Test1	Online Status T	SN	MAC	Model	Alias Empty 2	MGMT IP	Egress IP	Firmware 'Act	tions
	Project Name Test1 Test1	Online Status T • Not Online Yet • Not Online Yet	SN \$	MAC	Model	Alias Empty 2 Empty 2	⇔ MGMT IP	Egress IP	Firmware 'Act	tions :

2 Click More, and then click Delete.

Add2 rec	Upgrade Repla	ce More SN,MA	IC,Alias	Q					•••) I 🕸
	Project Name	Reboot T	SN ‡	MAC	Model	Alias	💠 MGMT IP	Egress IP	Firmware	Actions
~	Test1	Tunnel Delete	12233120			Empty 🚄				
<u>~</u>	Test1	Not Online Yet	12365420			Empty 🖊				1
									total of 2 1	10 / page 🚿

3 Click **OK** in the operation confirmation box. When the "Succeeded" prompt appears, the operation is completed.

🕀 Add	O Add Upgrade Replace O More SN,MAC,Alias Q								
1 2 recor	ds selected Clear								
	• Project Nan	Are you sure you want to delete?	SN	\$	MAC				
	Test1	Not Online Yet	12233120						
~	Test1	Not Online Yet	12365420						

In addition to the above deletion method, users can also hover the mouse over the icon in the **Action** column of the OLT to be deleted, and then click **Delete** to delete the device.

Add No da	Upgrade Rep ata selected	place O More SN,M	AC,Alias	Q					● 0 王 @
	Project Name	Online Status 🛛 🗑	SN ÷	MAC	Model	Alias	🔶 MGMT IP	Egress IP	Firmware \ Actions
	Test1	Not Online Yet	122331201			Empty 🖍			
	Test1	Not Online Yet	1223312011			Empty 🖊			Delete
									total of 2 1 10 / page 🗸

4.5.4 Moving OLTs

Follow the steps below to moving the OLT(s) to another project.

1 Select the OLT that needs to be moved.

Total Numbe	r of Devices:1						
: 1- ::	0 Gateway	0 Switch	0 AP	0 G-hn	OLT 1 OLT	ONU O ONU	
Add I reco	Upgrade Re	eplace	MAC,Alias	Q			● 0 正 尊
	Project Name	Online Status 🏾 🗑	SN 🌲	MAC Model	Alias	🔶 MGMT IP	Egress Actions
	Test1	Not Online Yet	1223312011		Empty		+
						total	of 1 1 10 / page 🗸

2 Click More, and then click Move to.

③ Add	Upgrade Replace	🕀 More	SN,MAC,Alia	IS	Q					の工命
0 1 reco	ords selected Clear	Move to								
	Project Name	Reboot	Ψ	SN	\$ MAC	Model	Alias	\$ MGMT IP	Egress	Actions
	Test1	Tunnel Delete	12	23312011			Empty			:
								tota	l of 1 1	10 / page \vee

3 Select a new project and click **OK**.

Select Project	× ×
& 1121212	\sim
	Cancel

4 When the operation confirmation box appears, click **OK**.

(!)	Message
	Are you sure you want to move the device to the project 1121212
	cancel

4.5.5 Upgrading OLTs

Follow the steps below to remotely upgrade the OLT(s) via the JaCS.

1 Select the device to be upgraded, and then click **Upgrade**.

Total Number of	of Devices:68 4 Gateway	1 Switch	0 AP	• • •	5·hn	7 OLT	56 ONU			
Add1 record	O Add Upgrade Replace B More SNLMAC.Alias Q. ● 1 record selected Clear									
•	Project Name	Online Status	SN ÷	MAC	Model	Alias	# MGMT IP	Egress IP	Firmware Version	Actions
	Lite-PON	Online	30160500000025	f074.8dfd.2e58	RG-MT3002	4A-kenny 🖊	192.168.1.251	117.173.84.173	MF1_3.1_1_B5P2_Beta, Release(12	Ť.

2

Click Select Firmware to select a firmware version.

Device Upgrade	ж ×			
Check in Project > Monitoring >Logs >Upgrade Log SN: 30160500000025 Model: RG-MT3002 Hardware Version: V1.00 Current Version: MF1 3.1 1 B5P2 Beta, Release(12131615 ×				
Upgrade Version: Please select a firmware version.				
Upgrade Device: 1				
Scheduled Upgrade				
Advanced Settings 🗸				
Start Upgrade Cancel				

3 After selecting the firmware version, click **OK**.

Select	Firmware				×		
Cle	Private Firmware						
Pleas	e select a firmware.			Firmware Version	n, Applicable Mc Q Search		
	Firmware Version	File Size (MB)	Applicable Model	Released at	Description		
0	MF1_3.1_1_B5P1, Release(11181406), Revision(71585d525)	31.32	RG-MT3002::V1.00	2024-06-14 16:05:46			
	MF1_3.1_1_B5P1, Release(11172306), Revision(34bee2376)	31.17	RG-MT3002::V1.00	2024-05-23 10:33:31			
	MF1_3.1_1_B5P1, Release(11172106), Revision(22e4aebbd)	31.20	RG-MT3002::V1.00	2024-05-22 11:11:01			
	MF1_3.1_1_B5P1, Release(11160706), Revision(87ee49ab4)	33.59	RG-MT3002::V1.00	2024-04-12 11:17:52			
	MF1_3.1_1_B5P1, Release(11160911), Revision(a9ddcdc66)	33.60	RG-MT3002::V1.00	2024-04-09 14:03:55			
	MF1_3.1_1_B5P1, Release(11152907), Revision(a583d38d2)	33.56	RG-MT3002::V1.00	2024-04-03 14:18:04			
Fir	First Previous Page 1 Next Last 10 _ Total: 6						
					OK Cancel		

4 Click **Start Upgrade** to create an upgrade task.

ce Upgrade	,
neck in Project > Monitoring >Logs >Upgrade Log	
SN: 301605000000025 Model: RG-MT3002 Hardware Version: V1.00 Current Version: MF1_3.1_1_B5P2_Beta, Release(12131615	×
Upgrade Version: MF1_3.1_1_B5P1, Release(11181406), Revision(71585d525) Firmware Details ~	Select Firmware
Upgrade Device: 1	
Scheduled Upgrade	

If you need to upgrade the device at a specific time, you need to check **Scheduled Upgrade**, and then set the upgrade time. After that, click **Start Upgrade**. The default number of upgrade attempts is 5.

Device Upgrade	×	×
Check in Project > Monitoring >Logs >Upgrade Log		
SN: 301605000000025 Model: RG-MT3002 Hardware Version: V1.00 Current Version: MF1_3.1_1_B5P2_Beta, Release(12131615 ×		
Upgrade Version: MF1_3.1_1_B5P1, Release(11181406), Revision(71585d525) Firmware Details ~	Select Firmware	
Upgrade Device: 1		
Scheduled Upgrade		
Start Date 2025/01/22 Time Range 00 • : 00 • to 23 • : 50 •		
Advanced Settings A		
Max Retry Times: 5 🗸		
Start Upgrade Cancel		

4.5.6 Restarting OLTs

Follow the steps below to remotely restart the OLT through the JaCS.

1 Select the OLT to be restarted.

Total Numbe	er of Devices:2							
11-	0 Gateway	• • • • • • • • • • • • • • • • • • •	(se) 0 AP	0 G-hn	2 OLT	0 ONU		
Add1 reco	O Add Upgrade Replace O More SN.MAC.Alias Q Image: The selected Clear							
	Project Name	Online Status 🛛 🗑	SN 💠	MAC Model	Alias	💠 MGMT IP Egr	ess IP Firmware ' Actions	
	Test1	Not Online Yet	122331201		Empty		:	
	Test1	Not Online Yet	1223312011		Empty 🖍		:	
							total of 2 1 10 / page V	

2 Click More, and select Reboot.

🕀 Add	Upgrade Replac	e O More SN,N	IAC,Alias	Q					🔍 Q I 🕸
1 rec	ords selected Clear	Move to							
	Project Name	Reboot	SN 💠	MAC	Model	Alias	🔹 MGMT IP	Egress IP	Firmware \ Actions
~	Test1	Tunnel Delete	122331201			Empty 🖍			1
	Test1	Not Online Yet	1223312011			Empty 🖍			:

3 Click **OK** in the operation confirmation box, and wait for the device to restart.

Message	×
Are you sure you war	at to reboot the device?
ОК	Cancel

4.5.7 Configuration Replacement

The configuration replacement function can synchronize the configuration of an old or faulty device to a new device of the same model. After the configuration replacement task is complete, Ruijie JaCS will send the configuration of the old device to the new one when it goes online. In this way, users do not need to manually configure the new device again, helping improving operation and maintenance efficiency.

Note

The configuration replacement is only applicable to the OLTs of the same model.

The specific steps are as follows:

1 Select an existing device and click **Replace**.

198 Gateway	201 Switch	(at) 4 AP		99 G-hn	202 OLT	202 ONU			
Add Upgrade Re 1 records selected Clear	place More St	I,MAC,AJias	Q					Q	፲ ‡
Project Name	Online Status	SN ‡	MAC	Model	Alias	Sector MGMT IP	Egress IP	Firmware A	Actions
Cloud2.0_S2私が受信し	Online	30160500000009	28d0.f566.c927	RG-MT3002	12345678912345678	192.168.150.127	112.5.139.96	MF1_3.1_1_B5P1, R	:

2 Enter the SN and MAC address of the new device. Please make sure that the SN and MAC of the new device match each other.

Rep	place			* >	<
	Device List				
	∐Batch Import 🕑 Downloa	d Template			
	Replaced Device SN	New Device SN	New Device MAC	Config File	
	Replaced Device SN 301605000000009	New Device SN 1234942570092	New Device MAC	Config File Select Config File	

3 Click Select Config File and select the configuration file of the existing device. After selecting, click OK.

Sele	ect Config File		×
	Back up	File Name	Q Search C
	File Name	Time	Action
	✓ 30160500000009_1726736765797.cfg	2024-09-19 18:06:13	Details
	First Previous Page 1 of 1 Next Las	t	10 - Total: 1
			ОК

In the Select Config File interface, click Backup to back up the current device configuration.

4 After selecting the configuration file, click **OK**.

1

Davica List			
Device List			
🕑 Batch Import 🛛 🕑 Downloa	nload Template		
Estch Import Downloa	Noad Template	New Device MAC	Config File

5 After the prompt message appears, click **X** to complete the operation.

Message	×
---------	---

Submit succeeded.

To replace the configuration of OLTs in batches:

ck Replace .									
Add Upgrade Repla No data selected	CO More SN,		Q					C.) I 🕸
Project Name	Online Status 🛛 🔻	SN ‡	MAC	Model	Alias 🌲	MGMT IP	Egress IP	Firmware	Actions
Cloud2.0_52私が受信し	• Online	30160500000009	28d0.f566.c927	RG-MT3002	12345678912345678 🖍	192.168.150.127	112.5.139.96	MF1_3.1_1_B5P1, R	÷
Cloud2.0_S2私が受信し	Not Online Yet	1234942570092			Empty				:
Cloud2.0_S2私が受信し	Not Online Yet	222222			1930-48 🖍				1
Cloud2.0_S2私が受信し	Not Online Yet	914OLT0001			test001 🖍				÷
Cloud2.0_S2私が受信し	Not Online Yet	914OLT0002			test002 🖉				1
Cloud2.0_S2私が受信し	Not Online Yet	914OLT0003			test003 🖍				:
Cloud2.0_S2私が受信し	Not Online Yet	914OLT0004			test004 🖊				:
Cloud2.0_S2私が受信し	Not Online Yet	914OLT0005			test005 🖍				:

2 Click Download Template to download the template.

Device List			
⊡Batch Import (🕑 Downloa	id Template		
E Batch Import () Downloa Replaced Device SN	nd Template New Device SN	New Device MAC	Config File
[알Batch Import 한 Downloa Replaced Device SN	New Device SN	New Device MAC Please enter the MAC.	Config File Select Config File

3 Fill in the template. Up to 200 devices can be imported each time.

- 21	٨	В	С
1	Replaced Device SN	New Device SN	MAC
2			
3			
4			

Items	Description
Replaced Device SN	Enter the SN of the existing device.
New Device SN	Enter the SN of the new device.
MAC	Enter the MAC address of the new device.

4 Click Batch Import to import the filled template.

Rep	lace				\times
10	Device List				
	⊻Batch Import 🕑 Download Template				
	Replaced Device SN	New Device SN	New Device MAC	Config File	
		No Data			
					ок
^	Name			Date modified	
*	∨ Today (2)				
*	Device Replacement Template20240612 202952			2024/6/12 20:33	
*	🕙 Template_46553_20240612203334			2024/6/12 19:45	
*	> Yesterday (10)				
*	> Last week (11)				
*	> Last month (48)				
* 15	> Earlier this year (45)				
顷 换	> A long time ago (297)				
~	<)
Devic	e_Replacement_Template20240612_202952			~ 自定义文件	\sim
				Open Cancel	I

${\bf 5} \quad {\rm Select \ the \ configuration \ files \ for \ your \ devices \ and \ click \ {\bf OK}.}$

Replace			×
Device List			
🖆 Batch Import 🕑 Download	d Template		
Replaced Device SN	New Device SN	New Device MAC	Config File
1234942570099	12364652203	00d0.f822.3350	1234942570099_17181 Select Config File
1234942570301	12364652202	00d0.f832.3350	1234942570301_17118 Select Config File
			ок

6 After the "Submit succeeded " prompt appears, click **X** to close the prompt box.

Message		\boxtimes
	Submit succeeded.	

4.5.8 Creating a Tunnel

Follow the steps below to create a tunnel. Before creating a tunnel, make sure the device is online:

1 Select the device.

ALL(3040)	Gateway(214)	Switch(234) AP(110	05) G.hn(401)	OLT(217)	DNU(869)						
Upgrade	Replace	More SN,MAC,Alias	Q							()) I 🕸
1 records	s selected Clear										
	Project Name	Online Status 🛛 🗑	SN ‡	MAC	Model	Alias	\$ MGMT IP	Egress IP	Firmware Version	Last	Actions
	Lite-PON	Offline	301602111100002	00aa.bb01.234	0 RG-MT3002	101 🗶	192.168.46.157	117.139.216.184	MF1_3.1_1_B5P1, Release(1119291	2024-07	

2 Click More, and then click Tunnel.

Add Upgrade Replac	e 🛛 More	SN,MAC,Alias	Q					💽 Q I 🕸
1 records selected Clear	Move to							
Project Name	Reboot	SN	≑ MAC	Model	Alias	# MGMT IP	Egress IP	Firmware Actions
✓ Cloud2.0_S2私が受信し	Tunnel Delete	1234942570092			Empty 🖍			:
Cloud2.0_S2私が受信し	Not Online Yet	222222			1930-48 🗶			-

3 Select a tunnel type and click **Create Tunne**l.

Tunnel		Х	\times
Create Tunnel	Create Tunnel		

4.6 ONU

This section gives a brief introduction to the management interface and operation steps of ONU (Optical Network Unit) on the JaCS, including:

- ONU Management Interface: Introduces the ONU management interface of the JaCS.
- Adding ONUs: Introduces how to add or batch add the ONU(s) to an existing project.
- Deleting ONUs: Introduces how to delete or batch delete the ONU(s) from an existing project.
- Moving ONUs: Introduces how to move the ONU(s) to another project.
- Upgrading ONUs: Introduces how to remotely upgrade the ONU(s) through the JaCS.
- Restarting ONUs: Introduces how to remotely restart the online ONU(s) through the JaCS.

D Note

Currently, the supported ONU model is RG-MU3064.

4.6.1 ONU Management Interface

Click **Project** > **ONU** to go to the ONU management interface. Click the **SN** of an ONU, you can view its detailed information.

Ruíjie 💩	Dashboard O Project B AI Assistant	③ ②
😹 Test1 🗸 🗸	Total Number of Devices0	
D Overview	0 Gateway Can 0 Switch 0 AP	ONU O ONU
 Devices 		
D Client		
Smart Simplicity	Add eWeb Upgrade	© [] ()
	No data selected	
Roaming	Project Name Online Status 🔻 SN 💠 MAC Model Alias	MGMT IP Egress I Actions
Configuration		
≅ Device Config >		
(1) Auth & Account >	No data	
Monitoring		
湔 Network Details 🕨		

Items	Description
Project Name	Displays the name of the project where the ONU is located.
Online Status	Displays the online status of the ONU. The online status of the device includes: Online/Offline/Not Online Yet. Click the filter icon 🔻 to filter devices by online status.
SN	Displays the SN of the device. Click the SN number of an ONU to view its details.
MAC	Displays the MAC addresses of ONUs.
Model	Displays ONU models.
Alias	Displays the aliases of ONUs.
MGMT IP	Displays the management addresses of ONUs.
Egress IP	Displays the egress IP addresses of ONUs.
Firmware Version	Displays the firmware version information of the ONU.
Last See On	Displays the last online time of the ONU.

Actions	Hover the cursor over the 🗄 in the Action column. When the Delete button appears, click it
Actions	to remove the device from the project.

Button	Description
① Add	Add button. Click this button to enter the adding interface.
eWeb	eWeb button. Select an ONU, and click this button to can access its eWeb.
Upgrade	Upgrade button. After selecting the ONU, click this button to remotely upgrade the device.
More	Click this button to display more operation buttons, including: Move to , Delete , and Reboot .
Q	Refresh button. Click this button manually to refresh the ONU list.
	Automatic refresh switch button. The automatic refresh function is enabled by default. When it is enabled, the ONU device list will automatically refresh once every minute.
<u> </u>	Row height adjustment button. Click this button to adjust the row height.
钧	Click this button to customize the displayed items in the ONU list.
SN,MAC,Alias Q	Search box. Supports searching an ONU by its SN, MAC, or alias.

Click the SN of a ONU device to go to the **Device Detail** page. The **Device Detail** page contains four parts: **Device Information**, **Overview**, **Tunnel** and **Back up**.

Ruífie 🖾	🕞 Dashboard 😚 Project 🔀 Al Assistant		\$ @ ¾ X 🗓
😹 Lite-PON 🗸 🗸	Total Number of Devices:68		
D Overview	4 Gateway 25 1 Switch 0 AD		^{0NU} 55 ONU
 Devices 	• Gateway	V G III	30 010
🖙 Client			
Smart Simplicity	Add eWeb Upgrade	Q	● 0 王 @
중 RF Planning	No data selected		
Roaming	Project Name Online Status 📱 SN 💠	MAC Model Al	lias 💠 MGMT IP Egres: Actions
Configuration	Lite-PON • Online 30160600000	f074.8d4 RG-MU3064 Em	npty 192.168.1.225 117.173.
æ Device Config >			
Device Detail			Х
Info			
SN: 301606444488150	MAC: f074.8dfd.0b4c	MGMT IP: 192.168.1.137	Model: RG-MU3064
Hardware Version: V1.00	GPON SN: RJTC8DFD0B4C		
Firmware Version: MF3_	8.1_1_B5P2_Beta, Release(12131607), Revision(d98b04781)		
Alias: jwx_3064 之			
Description: - 🖄			
Reset SSID Information			
Overview Tunnel	Back up		
Status			
Memory Usage	CPU Usage	Alarms : 1	
	37%		
Traffic Summary			Last 24 Hours Last 7 Days
	- - Up	link 🔶 Downlink	
Traffic(MB) 6 1			
5 - 4 -			
	I.		

(1) Device Information

The device information displays the device's SN, MAC address, MGMT IP address, model, hardware version, firmware version, alias and description. To reset the device SSID, click **Reset SSID Information**.

Device Detail				ж	\times
Info					
SN: 301606444488150	MAC: f074.8dfd.0b4c	MGMT IP: 192.168.1.137	Model: RG-MU3064		
Hardware Version: V1.00	GPON SN: RJTC8DFD0B4C				
Firmware Version: MF3_3.1_1_B5P2_Beta, Release(1	2131607), Revision(d98b04781)				
Alias: jwx_3064 ∠					
Description: - 🖊					
Reset SSID Information					

(2) Overview Tab

The Overview tab consists of three parts: Status, Traffic Summary and SSID List.

Status

Displays the memory and CPU usages and the number of alarms.

I	Status		
	Memory Usage	CPU Usage	Alarms : 1

• Traffic Summary

Displays the traffic statistics in the last 24 hours or 7 days. Hover your cursor at a time to check its uplink and downlink traffic.

Traffic Summary ?							Last 24 Hours	Last 7 Day
Traffic(MB) 140 120 100 80 60			- - - Uş	olink - 🔶 Downlink				
40 - 20 - 0 - 2025-01-16 12:40:0 2025-01- 1	2025-01-16 15:00:00 Uplink:3.367 Downlink:124.098	1-16 19:00:00	2025-01-16 22:10:00	2025-01-17 01:20:00	2025-01-17 04:30:00	2025-01-17 07:40:00	2025-01-17 10:50:0	0

SSID List

Displays the SSID information of the device.

SSID	List(Number of Onlin	e Terminals: 0)						○工唸
	SSID	Password	Is the SSID usable	RF Туре	Channel	Encryption Method	Auto Channel	Power
+	CMCC-zAtD	****** 🗭	YES	2.4G	1	AES	Enable	100%
+	CMCC-zAtD-5G	***** 💋	YES	5G	64	AES	Enable	100%

Tunnel

Click **Create Tunnel** to go to the Tunnel page. Select a tunnel type and then click Create Tunnel to create a tunnel for the device.

nnel reate Tunnel)						
(301606444	488150)						:
Create Tunr	nel						
ype: SSH	Create Te	unnel					
							Local Glob
Tunnel List							C 👪
the tunnel is	unavailable, please re-cr	eate it or contact	us for support.				
	Li e et	Port	Destination Device	Destination Port	Expired at	Status	Action
Туре	Host						
Type eWeb	35.194.101.74	10146	Local	80	2024-10-11 19:45	Abnormal	Re-create
Type eWeb eWeb	35.194.101.74 35.194.101.74	10146 10075	Local	80 80	2024-10-11 19:45 2024-10-08 20:37	Abnormal Abnormal	Re-create Re-create
Type eWeb eWeb eWeb	35.194.101.74 35.194.101.74 35.194.101.74	10146 10075 10194	Local Local Local	80 80 80	2024-10-11 19:45 2024-10-08 20:37 2024-07-30 13:37	Abnormal Abnormal Abnormal	Re-create Re-create Re-create
Type eWeb eWeb eWeb SSH	35.194.101.74 35.194.101.74 35.194.101.74 35.194.101.74	10146 10075 10194 10193	Local Local Local Local	80 80 80 	2024-10-11 19:45 2024-10-08 20:37 2024-07-30 13:37 2024-07-30 13:35	Abnormal Abnormal Abnormal Abnormal	Re-create Re-create Re-create Re-create

(3) Back up Tab

Verview Tunnel Configuration Back Up Res No data select	Back up ackup List tore Delete ed				 ① 工 章
	File Name	File Size	Time	MD5	Actions
	301606444488150_1722244845488.cfg	48.13K	2024-07-29 18:20:46	4834627771edfc97c40a5917794fb370	Detail
					total of 1 1 10 / page 🗸

Button	Description
Back Up	Click this button to back up the configuration of the OLT device.
Restore	Select a backup configuration file and then click this button to restore the device to the selected configuration backuped.
Delete	Select a configuration file and then click Delete to delete it.
Details	Click Details in the Action column to view the details of the configuration.

4.6.2 Add ONUs

JaCS provides two ways to add optical network units to a specific project.

- Adding an ONU
- Adding ONUs in Batches

4.6.2.1 Adding an ONU

Follow the steps below to add an ONU. This method is suitable to add a small number of ONUs.

1 Click Add in the ONU management interface.

Total Number of Devices:3	900 000 1 AP	0 G·hn	0 OLT	ONU O ONU	
Add eWeb Upgrade	AC,Alias Q				● 0 正 尊
Project Name Online Status	SN 🌲	MAC Model	Alias	MGMT IP	Egress 1 Actions
		No data			

2 Click Add a Device.

device Add		х	\times
	Download and fill in the template. Up to 200 records can be imported		
	xis File Download Template		
Add a Device			

Enter the device's SN (required) and Alias (optional). The length of a SN should be between 6 and 20 characters, and the length of an alias cannot exceed 64 characters. Click ¹/₁ to delete the filled SN, and click + to add more SNs.

Add		×
1 SN	Alias	ū
2 SN	Alias	Ū
<i>3</i> SN	Alias	前 +
Batch Import		

4 After filling in the information, click **OK**. When the "Add succeeded" prompt appears, click **X** to close the prompt box. The added device will be displayed in the ONU list.

Message		
	Add succeeded	

4.6.2.2 Adding ONUs in Batches

To add ONUs in batches:

1 Select the project.

			88 Al Assista	nt						® (1)	≫ X
default Overview Devices	Total Number of	f Devices:8 Gateway	2 Switch	(ag)	4 AP	0	G·hn	0 OLT		ı	
Client Smart Simplicity	AddNo data s	eWeb Upgrade	e 🕒 More S	N,MAC,Alias	0	2				0	工命
Configuration Device Config		Project Name	• Not Online Yet	¥ SN 15566220	\$	MAC	Model	Alias ww123333	♦ MGMT IP	Egress	Actions :
Click Add.											
Iotal Number of Devices:8			((<u>a</u>))								
1 Gateway	•	2 Switch	4	AP		0 G·hn		O OLT	1 ONU		
Add eWeb No data selected	Upgrade	2 Switch	MAC,Alias	АР 		0 G-hn		0 OLT	1 ONU	 • • 	王尊
And eweb No data selected Project Nar	Upgrade O	2 Switch	MACAlias SN	ар	MAC	0 G-hn Mode		0 OLT	••••••••••••••••••••••••••••••••••••••	Egress	⊥ © Actions
Add eWeb No data selected Project Nat default	Upgrade O	2 Switch More SN. Inline Status Not Online Yet	MAC,Alias MAC,Alias	АР	мас	0 G-hn Mode		0 OLT Alias	MGMT 1P	Egress	⊥ @ Actions

3 Click **Download Template** to download the template.

device Add		22 ×
	Download and fill in the template. Up to 200 records can be imported	
Add a Denice	· xls' File Download Template	

4 Fill in the template. SN is required while the alias is optional. Up to 200 devices can be imported each time.

- 2	Α	В
1	SN	Alias
2		
3		

5 Click ".xls" File to upload the template.

Add		×	
Download and fill	in the template.Up to 200 records can be imported		
[
	xls* File Download Template		
Add a Device		Close	
\leftarrow \rightarrow \checkmark \uparrow \clubsuit > This PC > Downloads >		~ 3	, Search Downloads
Organize • New folder			III 🕶 🔳 🔮
This PC ^ Name			Date modified
3D Objects Vota	(1)		
Desktop	plate 7232 20240925164525		2024/9/25 15:45
Documents > Yester	rday (1)		
Downloads Earlie	r this week (1)		
Pictures Last v	veek (5)		
Videos > Earlie	r this month (8)		
▲ 本地磁盘 (C:) > Last n	nonth (8)		
Local Disk (D:)	r this year (115)		
Network			
			Minnerth Office Freed 07, 2002
rile name: Liemplate_/232_20	244/363104363		Open Cancel

6 When the "Import succeeded" prompt appears, the operation is complete. The imported devices will be displayed in the ONU list.

Message		
	Import succeeded	

4.6.3 Deleting ONUs

Follow the steps below to delete the ONU(s) from a project.

1 Select the ONU device to be deleted.

Add2 rec	Upgrade O	More SN,MAC,Alias	Q						•) 工 ②
	Project Name	Online Status 🛛 🗑	SN 🌲	мас	Model	Alias	≑ MGMT IP	Egress IP	Firmware	Actions
	default	Not Online Yet	15620240			Empty 🖊				:
	default	Not Online Yet A	SDFASDF12			asdfasdfas222	:			:
									total of 2 1	10 / page ∨

2 Click More, and then click Delete.

💿 Add	Upgrade	More SN,MAC,Alias	Q						🔵 Q I 🕸
0 2 rec	ords selected C	Move to							
	Project Nar	Reboot e Status 🐨	SN 🌲	MAC	Model	Alias	# MGMT IP	Egress IP	Firmware ' Actions
\checkmark	default	t Online Yet	15620240			Empty 🖊			:
\checkmark	default	Not Online Yet	SDFASDF12			asdfasdfas222			:

3 Click **OK** in the operation confirmation box. When the "Succeeded" prompt appears, the operation is completed.

⊕ Add	Upgrade	G More SN,MAC,Alias	Q						〕 正 唸
2 reco	ords 🕕 Are you sure	e you want to delete?							
	Project Name	Delete	SN 🌲	MAC	Model	Alias	Egress IP	Firmware	Actions
	default	Not Online Yet	5620240			Empty 🖊			-
	default	Not Online Yet ASD	FASDF12			asdfasdfas222 🖊			-

Ruífie 🖾	📄 Dashboard 🕅 Pro	ject 🔠 Al Assistant	Succeeded			¢	() Ż	. ×	U
& Test1 ∨	Total Number of Devices:0								
Dverview	0 Gateway	0 Switch	0 AP	0 G·hn	OLT 0 OLT	ONU O ONU			
Devices									

In addition to the above deletion method, you also can hover the cursor over the icon in the **Action** column of the ONU to be deleted and click **Delete** to delete it.

Add No da	Upgrade 🛛 🕞	More SN,MAC,Alias	Q						■ 0 王 懲
	Project Name	Online Status 🛛 🝸	SN ‡	MAC	Model	Alias	🔶 MGMT IP	Egress IP	Firmware ' Actions
	default	Not Online Yet	15566220			Empty 🖍			
									total of 1 1 10 / page

4.6.4 Moving ONUs

Follow the steps below to move the ONU(s) to another project.

1 Select the ONU to be moved in the ONU list.

Total Number	r of Devices:8	3 Switch	and 3 AP	0 G-hn	0 OLT	1 ONU		
Add1 record	Upgrade rds selected Clea	More SN,MAC,Alias	Q					C ∩ I ∅
	Project Name	Online Status 🛛 🖤	SN 🌲	MAC Model	Alias	# MGMT IP	Egress IP	Firmware ' Actions
	default	Not Online Yet	ASDFASDF12		asdfasdfas222	<u>t</u>		i
								total of 1 1 10 / page 🗸

2 Click More, and click Move to.

Add Add 1 reco	Upgrade ords selected C	More Move to	SN, MAC, Alias	Q						O I \$\$
	Project Nar	Reboot	e Status 🛛 🔻	SN 👙	MAC	Model	Alias	MGMT IP	Egress IP	Firmware ' Actions
~	default	Delete	st Online Yet 🛛 🗛	SDFASDF12			asdfasdfas222,	2		i.
										total of 1 1 10 / page V

3 Select a new project, and then click **OK**.

Select Project	\times \times
‰ 1121212	~
	Cancel

4 When the operation confirmation box appears, click **OK**.

(!)	Message
	Are you sure you want to move the device to the project 1121212
	cancel

4.6.5 Upgrading ONUs

Follow the steps below to upgrade an online ONU.

1 Select the device to be upgraded, and click **Upgrade**.

Add I reco	eWeb Upgrade	e \varTheta More SN	I,MAC,Alias	Q				O	豆 ⑳
	Project Name	Online Status	SN	♣ MAC	Model	Alias 🌲	MGMT IP	Egres	Actions
	Lite-PON	• Online	30160600000	f074.8dfd.073b	RG-MU3064	3016060000001121	192.168.51.128	117.139.2	÷
	Lite-PON	Online	30160600000	f074.8dfd.0ab4	RG-MU3064	301606000000131 🖍	192.168.51.166	117.139.2	÷

2 Click Select Firmware to select a firmware version.

SN: 301606000000112	Model: RG-MU3064 Hardware Version: V1.00 Current Version: MF3_3.1_1_B5P1, Release(11230412), Re ×	
Upgrade Version: Plea	ie select a firmware version.	Select Firmwar
Ungrade Device: 1		
Upgrade Device: 1		

3 After selecting the firmware version, click **OK**.

Select I	Firmware							×
Clo	oud Firmware	Private Firmware						
Please	e select a firmwa	are.				Firmware Version, App	licable Mc	Q Search
		Firmware Version	File Size (MB)	Applicable Model	Relea	ased at	Description	
	MF3_3.1_1_B5P1,	Release(11181406), Revision(acce7630b)	31.46	RG-MU3064::V1.00	2024-06-	14 16:07:51		
	MF3_3.1_1_B5P1,	Release(11172306), Revision(ffc645464)	31.44	RG-MU3064::V1.00	2024-05-	-23 10:32:31		
	MF3_3.1_1_B5P1,	Release(11172106), Revision(deac5a581)	31.44	RG-MU3064::V1.00	2024-05-	-22 11:10:08		
	MF3_3.1_1_B5P1,	Release(11160911), Revision(04bed0711)	34.84	RG-MU3064::V1.00	2024-04-	09 14:07:25		
	MF3_3.1_1_B5P1,	Release(11160120), Revision(a63007efa)	34.83	RG-MU3064::V1.00	2024-04-	-03 14:16:10		
Firs	Previous	Page 1 of 1	Next	Last			10 🔺	Total: 5
							ОК	Cancel

4 Click Start Upgrade to create an upgrade task.

Device Upgrade	X	×
Check in Project > Monitoring >Logs >Upgrade Log SN: 201606000000113 Model: BC MU2064 Hardware Version: V1:00 Current Mersion: ME2:3:1:1: BED1: Belower/11/2004120 Belower/11/20041		
SN: 50100000000112 MODEL RO-MOSO04 Hardware Version: V1.00 Current Version: MF5_51_1_53P1, Release(11230412), Re X		-
Upgrade Version: MF3_3.1_1_BSP1, Release(11181406), Revision(acce7630b) Firmware Details >>	Select Firmware	J
Upgrade Device: 1		
Advanced Settings V		
Start Upgrade Cancel		

If you need to upgrade the device at a specific time, you need to check **Scheduled Upgrade**, and set the upgrade time. After that, click **Start Upgrade**. The default number of upgrade attempts is 5.

Device Upgrade	< >
Check in Brokert & Monitorian & Lage & Lingrade Lag	
SN: 301606000000112 Model: RG-MU3064 Hardware Version: V1.00 Current Version: MF3_3.1_1_B5P1, Release(11230412), Re ×	
Upgrade Version: MF3_3.1_1_B5P1, Release(11181406), Revision(acce7630b) Firmware Details > Select Firmware	ר
Upgrade Device: 1	
Scheduled Upgrade	٦
Start Date 2024/11/14 Time Range 00 v : 00 v to 23 v : 50 v	
Advanced Settings ^	_
Max Retry Times: 5 •	
Start Upgrade Cancel	

4.6.6 Restarting ONUs

Follow the steps below to remotely restart the ONU(s) through the JaCS.

1 Select the ONU device to be restarted.

otal Number of Device	40 ay	1 Switch	0 AP		0 G·hn	OLT 7 OLT	ONU :	32 ONU		
Add eWeb 1 records selecter	Upgrade	➡ More SN,MA	C,Alias	Q					()	<u>∓</u> ©
Project	Name On	line Status 🏾 👻	SN 🌲	MAC	Model	Alias	\$ мо	GMT IP	Egres	Actions
Lite-	ON	Online	30160600000	f074.8dfd.073b	RG-MU3064	3016060000001121	192.1	68.51.128	117.139.2	÷

2 Click More and then select Reboot.

• Add	eWeb Upgrade	😁 More	SN,MAC,Alia	3S	Q					())⊥唸
1 reco	ords selected Clear	Move to									
	Project Name	Reboot	Ŧ	SN	\$ MAC	Model	Alias	\$	MGMT IP	Egres	Actions
~	Lite-PON	Delete	30160)600000	f074.8dfd.073b	RG-MU3064	3016060000001121,	/	192.168.51.128	117.139.2	:

3 Click **OK** in the operation confirmation box, and wait for the device to restart.

Message ×
Are you sure you want to reboot the device?
OK Cancel

5 Basic Wireless Configuration

5.1 Wireless Configuration for Apartment Project

This section introduces how to set wireless configuration in an apartment-based project:

- Setting the SSID and Password
- Sending Configurations to APs through Web CLI

5.1.1 Setting SSIDs and Passwords

This section mainly introduces how to set the SSID and password of the AP:

- Manually Setting SSIDs and Passwords
- Automatically Configuring SSID and Pssword
- Synchronizing the SSID and the Password
- Delivering Configuration via the Web CLI

D Note

This function is only applicable when the project scenario is set to the apartment.

5.1.1.1 Manually Setting SSIDs and Passwords

Follow the steps below to set the SSID and the password of the AP:

1 Click **Project** to go to the project management interface, and then select the project.

Ruíjie 🖾	🗋 Dashboard 😚	Project 🔀 Al Assista	ant			© ©	× :	× D
& Test1 ∨	38-	12	620	•	Alarm Statistics			>
Overview	0 Gateway	0 Switch	• AP	0 G-hn		Uncleared	0	
 Devices 	0 OLT	0 ONU				Today	0	
🖙 Client								

2 Click **Device Config > Basic** to enter the configuration interface.

Ruífie 🖾		🗑 Project	
å Test1 ∨	-	22	
D Overview	• Gates	vay	0 Switch
 Devices 	0 OLT	ONU	0 ONU
🖙 Client			
Smart Simplicity	Topology	Penort Advance	ad
중 RF Planning	Topology	Advance	.eu
Roaming			
Configuration			
≅ Device Config >	O Gateway	O Wireless	
Auth & Account >	Speamic DNS	AP Template	
Monitoring		Basic	
페 Network Details >			

Ruijie 🖾	Dashboard 🐨 Project 🕺 Al Assi	istant				¢ 0	* × L
l a Test1 ∨	Wireless Configuration				Au	to Refresh: 💽 🛱 (C 🖄 🗰 -
 Devices 	Import Config Auto SSID Config More + 0 S	elected				SN, Room, Building N	ame, Remark Q
🖙 Client	Online Status SN A	lias Config Status	Project No Data	Room	Building Name	Remark	Action
Smart Simplicity						_	Tatal: 0
	First Previous Page 0 of 0	Next Last					0 Notal: 0
Roaming	Advanced Settings(Optional)						
Configuration	CLI Command						е
≇ Device Config >	Model		Description			Action	
Auth & Account >			No Data				
Monitoring	First Previous Page 0 of 0	Next					0 🛌 Total: 0

3 Click **Import Config** to manually configure the SSID and the password. After the device is connected to the cloud, the configuration will be delivered to the device directly.

Wireless Configuration						Auto Refresh:	— e 🗠	# - M
Import Config Auto SSID Config	More - 0 Selected					SN, Room	Building ID, U	lser ID Q
Online Status	SN	Alias	Config Status	Network	Room	Building ID	User ID	Action
🛛 🔕 Not Online Yet	2234942571001	Empty	Not Synchronized	Olap00001	-	-	-	Û
First Previous Page 1	of 1 Next	Last					10 🔺	Total: 1
Import Config								×
	Downloa	d and fill in the t	Download Ter	ds can be imported mplate t Template)	9			
								Close

- 4 Click **Download Template** to use the system default template for configuration or use a custom configuration template.
 - > Introduction to the system default template:

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

ltem	Description
Model	Optional. Enter product models. For example: AP520-I
SN	Required. Enter SNs. The length of a SN should range from 6 to 20 characters. For example: G1PD7PW00060B
MAC	Optional. Enter MAC addresses of devices.

PN	Enter part numbers. This field can be ignored.
SSID	Required. Enter SSIDs. A SSID is 4 to 32 characters and supports letters, numbers, and special symbols ("_", "-", "." or "@"). When setting multiple SSIDs, separate them with commas(,), such as "ssid-test1, ssid-test".
SSID Password	Required. Set passwords. A password is 8 to 32 characters and supports letters, numbers and special symbols (@!*#<>=[]()). When setting multiple passwords, separate them with commas(,), such as "8888888rrrrr , 999999ddddd".
Alias	Optional. Up to 64 characters are supported.
Room	Optional. Specify the room number where the AP is located. Support 1-32 characters. For example: 301.
Building Name	Optional. Specify the building name. Supports up to 32 characters.
Remark	Optional. Up to 32 characters is supported.

D Note

Up to 200 devices can be configured by using the template each time.

> Introduction to the Customized Template:

If you do not want to use the default template, you can customize the template by the following steps:

1) Click "Click to select devices parsing rule".



2) Click + Add to add a new parsing rule.

Chec	id k	Name	SnPosition	SsidPosition	SsidPasswordPosition	RoomPosition	BuildingNamePosition	RemarkPosition	Action
0									H O
					Previous 0/0	Next			

Items	Description
Name	Specify the template name.
SnPosition	Specify the column where the SNs are located in the template.
SsidPasswordPosition	Specify the column where the SSID passwords are located in the template.

RoomPosition	Specifies the column where the room numbers are located in the template.
BuildingNamePosition	Specifies the column in the template where the building names are located in the template.
RemarkPosition	Specifies the column where the remarks are located in the template.

D Note

- Users can customize the parsing rules in Excel files from columns A1 to Z1 and rows 1 to 15.
- The custom template format only supports .xls documents, and documents other than this format cannot be parsed.
- If an entry is left blank, it will not be imported.
- 3) After setting the rules, click the save icon. When "Do you want to save the parsing rule" appears, click OK.

Add Check	Name	SnPosition	SsidPosition	SsidPasswordPosition	RoomPosition	BuildingNamePosition	RemarkPosition	Action
0	Custo	A1	B1	C1	D1			(E) o
Previous 0/0 Next								

4) After the prompt "The parsing rule added successfully " appears, the rule is added successfully.

Message	\times
The parsing rule added successfully.	

5) Create a new .xls document, and fill in the relevant information in the corresponding position.

	A	В	C	D
1	12345667	SSID-TEST	admin@ruijie	101
2				

5 Click ".xls" File to upload the default template or custom template.

Import Conf	ig							×			
Download and fill in the template. Up to 200 records can be imported											
	The Download Template										
Add											
Check	Name	SnPosition	SsidPosition	SsidPasswordPosition	RoomPosition	BuildingNamePosition	RemarkPosition	Action			
0	Customizatio n	A1	B1	C1	D1			6 0			
Previous 1/1 Next											
er.											?
------	--------	---------------	---	-----------------	--------------------	-------	---	-----------------	-----------	---------	-----
	^	Name	^	Date modified	Туре	Size					
		Customization		2024/5/29 11:40	Microsoft Office E	25 KB					
2	r										
3	° 🗸										
ime:	Custon	nization					~	Microsoft Offic	e Excel 9	97-2003	. ~
								Open		Cancel	

6 After the "Operation successful" prompt appears, the operation is finished.

Message		\times
	Operation succeeded	

After the configuration is completed, a link "**Click to view detailed configuration information**" will appear on the interface. Click the link to jump to the configuration log interface.

1	Wireless Configuration Auto Refress										
	Import Config Auto SSID Config Mc	ore - 0 Selected			x		SN, F	oom, Building Na	me, Remark Q		
	Online Status	SN	Alias	Click here for detail configura	ation status	Room	Building Name	Remark	Action		
	💿 Not Online Yet	123265330	Empty	Not-synchronized	operations 1	201	1	-	Ū.		
	💿 Not Online Yet	1234561	Empty	Not Synchronized	Apartment 1	202	2	-	Ū		
	🛛 🛞 Not Online Yet	2569871	Empty	Not Synchronized	Apartment 1	-	-	-	前		
	First Previous Page 1	of 1 Next	Last					10	Total: 3		

In addition, after the configuration is completed, you can hover the mouse over the SN of the device to view the configured SSID, password, and RF supported by the device.

Wireless Configuration Auto Refresh: 💽 🌣 C 🖄 🛱 -										
In	nport Config Auto SSID Config More +	0 Selected						SN,	Room, Building Na	ime, Remark Q
	Online Status	SN		Alias	Config Status	Network	Room	Building Name	Remark	Action
	S Not Online Yet	123265330		in the		Apartment 1	201	1	-	Ū
	🕲 Not Online Yet	1234561	SSID	Password	Supported RF	Apartment 1	202	2		Û
	🔕 Not Online Yet	2569871	SSID-TEST	admin@ruijie	2.4G & 5G	Apartment 1	-	-	-	Ū.
F	irst Previous Page 1 of 1	Next	Last						10	Total: 3

5.1.1.2 Automatically Configuring SSIDs and Passwords

Follow the steps below to automatically configure SSIDs and passwords:

1 Select a device or several devices to be configured, and then click **Auto SSID Config**.

Wi	Wireless Configuration Auto Refresh: 💽 🗘 🖒 🖒 🖄 👯 - 💥										
Im	port Config Auto SSID Config More -	2 Selected					SN, I	Room, Building Na	me, Remark Q		
	Online Status	SN	Alias	Config Status	Network	Room	Building Name	Remark	Action		
	🕲 Not Online Yet	123265330	Empty	Not Synchronized	Apartment 1	201	1	-	Ū		
	🕲 Not Online Yet	1234561	Empty	Not Synchronized	Apartment 1	202	2		Ū.		
	🕲 Not Online Yet	2569871	Empty	Not Synchronized	Apartment 1		-	-	Ū		
Fir	st Previous Page 1 of 1	Next	Last					10	Total: 3		

2 Select "Only regenerate passwords" or "Regenerate SSIDs and passwords".



Items	Description
Only regenerate passwords	When this option is selected, only passwords will be automatically regenerated for devices. Make sure that the devices have been configured with SSIDs and passwords before, otherwise, the password cannot be automatically generated.
Regenerate SSIDs and passwords	When this option is selected, both SSIDs and passwords will be regenerated automatically for devices. Up to 4 SSIDs can be configured each device (the default value is 1).

3 After setting the regeneration type, click **OK**. When the "Operation succeeded" prompt appears, the setting is completed.

Message		\times
	Operation succeeded	

After the configuration is completed, a link "**Click to view detailed configuration information**" will appear on the interface. Click the link to jump to the configuration log interface.

Wireless	Configuration						Auto Refresh	: • • • • •	2 # - 8
Import Cor	nfig Auto SSID Config More	- 0 Selected			×		SN, F	loom, Building Na	me, Remark Q
	Online Status	SN	Alias	Click here for detail configura	ation status	Room	Building Name	Remark	Action
🗌 🛞 No	ot Online Yet	123265330	Empty	Not-synchronized	experiment 1	201	1	-	Û
🗌 🛞 No	ot Online Yet	1234561	Empty	Not Synchronized	Apartment 1	202	2	-	Ū.
🗌 🛞 No	ot Online Yet	2569871	Empty	Not Synchronized	Apartment 1	-		-	Ū.
First	Previous Page 1 of	Next	Last					10	Total: 3

In addition, after the configuration is completed, you can hover the mouse over the SN of a device to view its configured SSID, password, and supported RF.

Wireless Configuration	Ireless Configuration										
Import Config Auto SSID Config More + 0 Se	elected					SN	l, Room, Building Na	me, Remark Q			
Online Status	SN	Alias	Config Status	Network	Room	Building Name	Remark	Action			
Not Online Yet	23265330	Parata.		Apartment 1	201	1	-	ii -			
Not Online Yet	1234561	SSID Password	Supported RF	Apartment 1	202	2		<u>ii</u>			
Not Online Yet	2569871 SSIE	D-TFnJbn qb7bADby	2.4G & 5G	Apartment 1	-		-	<u>ii</u>			
First Previous Page 1 of 1	Next	Last					10	Total: 3			

5.1.1.3 Synchronizing SSIDs and Passwords

Ruijie JaCS supports acquiring the device SSIDs. Up to 100 devices can be selected at a time. After synchronization is completed, hover the mouse over the SN of a device to display its SSID and password.

1 Select the online devices that you want to know the SSID and password, and then select **More** > **Sync SSID**.

Wireless Configuration	Wireless Configuration New firmware available for 2 devices									
Import Config Auto SSID Co	nfig More - 1 Selected					SN, Root	m, Building Name, Remark Q			
Online Status	c SSID	Alias	Config Status	Network	Room	Building Name	Remark	Action		
🕑 📀 Online	G1QD7PW036621	2.2		AP180-specify				ΰ.		
Offline	1234567890ABC	Empty	Synchronized	AP180-specify				ΰ.		
Offline	C234942572007	Empty	Synchronized	AP180-specify	-		-	Ū		
Offline	G1QD7PW03303B	Empty	Synchronized	AP180-specify	-			Ť.		
First Previous Page	e 1 of 1 Next	Last					10 -	Total: 4		

2 Click **X** to close the window and wait for the SSID and password to be synchronized.

Message	×
Sychronizing SSID(s). Please refresh the page check later.	to

3 Click the $^{\rm C}$ icon to refresh the list.

Wireless Configuration Ne	Wireless Configuration New firmware available for 2 devices									
Online Status	SN	Alias	Config Status	Network	Room	Building Name	Remark	Action		
Online Online	G1QD7PW036621 1234567890ABC	Empty	Synchronized	AP180-specify AP180-specify			-	ti i		
□ ⊗ Offline	C234942572007	Empty	Synchronized	AP180-specify	-		-	1		
Offline	G1QD7PW03303B	Empty	Synchronized	AP180-specify			-	Ū.		
First Previous Page	1 of 1 Next	Last					10 -	Total: 4		

4 Hover the mouse over the SN of a device to view its SSID and password.

l w	/ireless Configuration New firm		Auto Refresh: 🧲	0000	# - 23					
In	nport Config Auto SSID Config	More - 1 Select	ted					SN, Roor	n, Building Nam	ie, Remark Q
	Online Status	SN	Alias	Co	onfig Status	Network	Room	Building Name	Remark	Action
	Online	G1QD7PW036621	CCID	Deserves	Commente d DC	AP180-specify				Ξ.
	Offline	1234567890ABC	SSID	Password	Supported RF	AP180-specify				Ū.
	Offline	C234942572007	ZONE_HOTEL	ruijie123	2.4G & 5G	AP180-specify	-		-	Ū
	Ø Offline	G1QD7PW03303B	ZONE_HOTEL-5G	ruijie123	2.4G & 5G	AP180-specify		-		Ū
F	irst Previous Page 1	of 1	Next Last						10 -	Total: 4

5.1.2 Sending Configuration to APs through Web CLI

Ruijie JaCS supports sending configurations to APs through Web CLI.

1 Navigate to **Project > Device Config > Basics > Advanced Setting** and click + **CLI Command**.

Wireless Configuration						Auto Refresh: 🤇	000	: :: - 23
Import Config Auto SSID Confi	g More + 1 Selected					SN, Roo	m, Building Nan	ne, Remark Q
Online Status	SN	Alias	Config Status	Network	Room	Building Name	Remark	Action
🔽 🙁 Not Online Yet	155662200	Empty	Not Synchronized	Test1	-	-	-	Û
First Previous Page (1 of 1 Next	Last					10.4	Total: 1
Advanced Settings(Optional)								
🗢 CLI Command 🔣 Deliver Cor	figuration							С
Model			Description			A	Action	
			No Data					
First Previous Page	0 of 0 Next	Last					10.4	Total: 0

2 Specify the device model, description and enter CLI commands. If you select "AII", the system will send the configuration to all online APs in the current project.

Command			×
Model	ALL		
Description			
Command			
			_1;
		OK Canc	el

Items	Description
	Required.
Model	Defaults: ALL.
	Select the device model (only supports sending configuration to online devices.)

Description	Required. Defaults: N/A.
Command	Enter the CLI commands.

3 After entering the CLI command, click **OK**. Then, click **Deliver Configuration** to deliver the configuration to the specified device model.

Wireless Configuration						Auto Refresh:	00 00	: :: - ::
Import Config Auto SSID Config	More + 0 Selected					SN, Roo	m, Building Nam	ne, Remark Q
Online Status	SN	Alias	Config Status	Network	Room	Building Name	Remark	Action
🗌 🔕 Not Online Yet	155662200	Empty	Not Synchronized	Test1	-	-	-	Ū
First Previous Page 1	of 1 Next	Last					10 -	Total: 1
Advanced Settings(Optional)								
⊖ CLI Command 🖄 Deliver Configurati	on							C
Model			Description			,	Action	
			No Data					
First Previous Page 0	of 0 Next	Last					10 -	Total: 0

5.2 Wireless Configuration for Non-Apartment Projects

D Note

The following operations are applicable only to the project with the scenario set to "Hotel" or "Other".

Click **Project**, select a non-apartment project, and then click **Device Config > Basic** to enter the enter the wireless configuration interface. The wireless configuration consists of three parts: "Wireless Settings", "Security Features", and "Advanced Settings".

Ruíjie 🖾	🔒 Dashboard	d 😚 Project	88 AI Assistant	t					
🔹 Hotel1 🗸 🗸									
问 Overview									
 Devices 	Wireless Cr	onfiguration							
🖙 Client	SSID O	SSID	Encryption Mc	ode Hidden	Fe				
Smart Simplicity	1	Hotel1	Open	No					
	First	Previous Page	1 of 1	Next Last					
Roaming	Padio								
Configuration	O Gateway	 Wireless 		Radio2(5GHz)					
Auth & Account >	Dynamic De	Basic		ON/OFF	•				
Monitoring		AP Template		STA Limit	32				
1									
Ruíjie 🖾		Dashboard	🗑 Project	88 AI Assistant					
ஃ Hotel1									
Overview									Save
- Deview	11	Wireless Config	uration						
- Devices									
ট₽ Client	33	WLAN ID	SSID	Encryption Mode		Hidden	Hidden Forward Mode	Hidden Forward Mode Radio	Hidden Forward Mode Radio Auth Mode
Smart Simplicity		1	Hotel1	Open		No	No Bridge	No Bridge 1,2	No Bridge 1,2 Auth Disabled
		First Previo	Page	1 of 1	lovt	Last	lact	Last	Lact
Roaming		Thereio	as roge			631	1031	Lost	6031
Configuration	Ra	adio							
Se Device Config		Radio1(2.4GHz)	0		Rac	dio2(5GHz) 🕖	dio2(5GHz) 🕜	dio2(5GHz) Ø Radio3 Ø (dio2(5GHz) 🕐 Radio3 🖗 (2.4GHz or 5GHz)
- Device Config		ON/OFF			01	N/OFF			
Auth & Account	>	CTA Limit	33		01				
Monitoring		STA Limit	32		ST	A Limit	A Limit	A Limit 32 SIA Limit	A Limit 32 STA Limit 32
iii Network Details	>								
A Alarms	1.0	Security							
		Nob Cottines							
L 1093	> ev	veb Settings							

Tabs	Description
Wireless Configuration	Supports configuring SSIDs and radios.
Security	Supports configuring Web passwords, Telnet passwords, client isolation, and wireless intrusion detection.
Advanced Settings (Optional)	Supports configuring scheduled shutdown of RF, adding whitelists, and issuing configurations to APs through the Web CLI.

5.2.1 Adding SSIDs

Follow the steps below to add a SSID:

1 Click + icon.

Ruífie 💩	🗋 Dashboard 🕅	Project 🔀 Al	Assistant					¢ 0	泓	×
& Hotel1 V										
D Overview							Sav	e	More	•
 Devices 	Wireless Configura	ation								^
🖙 Client	SSID									
Smart Simplicity	WLAN ID	SSID	Encryption Mode	Hidden	Forward Mode	Radio	Auth Mode	A	ction	
	1	Hotel1	Open	No	Bridge	1,2	Auth Disabled	(2 🗊	
RF Planning										
Roaming	First Previous	Page 1 of 1	Next	ast				10 -	To	tal: 1
Configuration	Radio									
E Device Config →	Radio1(2.4GHz) @		Radi	io2(5GHz) 🙆		Radio3	(2.4GHz or 5GHz)	🕑 Scan		255

2 Specifying the parameters according to the actual needs, and then click **OK**.

SSID				×
WLAN ID	1	~	Hidden	No
SSID			Forward Mode @	Bridge
Encryption Mode	Open	~	VLAN ID	1
			Radio	☑ Radio1(2.4GHz) ☑ Radio2(5GHz) □ Radio3 ❷ (2.4GHz or 5GHz)
5G-Prior Access @				
Speed Limit per Client				
Speed Limit by SSID @				
Auth	bota			
		ОК	Cancel	

3 The added SSID will be displayed in the list. If you do not need to modify it, click **Save** to save the configuration. After the configuration is saved, the configuration will be sent to the APs in the project after they go online.

Wireless Configura	tion					Save	More -
SSID 🖨							
WLAN ID	SSID	Encryption Mode	Hidden	Forward Mode	Radio	Auth Mode	Action
WLAN ID	SSID myWIFI	Encryption Mode	Hidden No	Forward Mode Bridge	Radio	Auth Mode Auth Disabled	Action

Introduction to the configuration items in SSID setting page.

Items	Description
WLAN ID	Required. Select a WLAN ID. SSID and WLAN ID must correspond one to one. WLAN ID is only specified when adding a SSID. Once it is set, it cannot be changed. WLAN ID range: 1-16.

Hidden	Required. Set whether to hide the SSID.
	Defaults: No. If you need to hidden the SSID, set it to "Yes".
SSID	Required. Set the SSID name. Up to 32 characters are supported. Letters, numbers, spaces, underscores (_), hyphens (-), periods (.), and @ can be contained. If a SSID name contains spaces, its length cannot exceed 30 characters.
Forward Mode	 Required. Configure the forwarding mode of the AP. Defaults: Bridge. Options: NAT: The AP assigns the IP address to the client. Bride: The IP address is assigned to the client by the AP's uplink device. Q Note RG- MA2810, RG-MA2610-PE, and RG-MA2610-AC only support setting forwarding mode globally. Therefore, if the forwarding mode of one SSID is changed, the forwarding modes of other SSIDs will be changed synchronously.
Encryption Mode	 Required. Defaults: Open Options: Open: Allows any device to connect to the network without authentication. WPA-PSK: WPA-PSK is a security standard for networks. It uses a pre-shared key for encryption. Users are required to enter a pre-shared key before connecting to the network. This is an old Wi-Fi security standard that has been replaced by more secure protocols. WPA2-PSK: WPA2-PSK is a more secure encryption standard that uses a pre-shared key for encryption. It is one of the most widely used Wi-Fi security protocols and provides stronger security than WPA-PSK. WPA/WPA2-PSK: WPA/WPA2-PSK allows devices that support both WPA and WPA2 to connect to the network. This setting is often used to provide service to devices that are compatible with different security standards. WPA3-PERSONAL: WPA3-PERSONAL is the latest Wi-Fi security standard launched by the Wi-Fi Alliance, providing stronger encryption and authentication mechanisms to defend against attacks. WPA2/WPA3-PERSONAL: WPA2/WPA3-PERSONAL allows devices that support both WPA2 and WPA3 to connect to the network. It has been gradually migrated to the more secure standard WPA3. WPA2-ENTERPRISE (802.1X): WPA2-ENTERPRISE uses the 802.1X authentication protocol and requires a dedicated authentication server to verify the user's identity. It is usually used in enterprise-level networks. It provides personalized user authentication and features stronger security. PPSK: PPSK means that each terminal device is bound to a unique Wi-Fi account and key. After selecting the PPSK mode, you need to configure your account in Project > Auth & Account > PPSK.
VLAN ID	Configure a VLAN ID. This field is only required when the forwarding mode is configured as "Bridge". The VLAN ID range is 1-4094.
Radio	Required. Defaults: Radio1(2.4GHz) and Radio2(5GHz). Options: Radio1(2.4GHz) , Radio2(5GHz) , Radio 3 (2.4GHz or 5GHz)
5G -Prior Access	Defaults: Disabled After it is enabled, when the SSID of a dual-band AP is associated with Radio 1 and Radio 2, clients that support dual-band will access the 5 GHz band first to reduce the load on the 2.4 GHz band so as to improve user experience.
Speed Limit per Client	Set the speed limit based on client.

		Defaults: Disabled.
		If this function is enabled, set the uplink and downlink speed limits.
	Speed Limit	Set the speed limit based on SSIDs.
	by SSID	Defaults: Disabled.
	59 0015	If this function is enabled, set the uplink and downlink speed limits.
Γ		Defaults: Disabled.
		After it is enabled, clients will be redirected to the designated portal for authentication when they access the network. Only authenticated clients can access the Internet.
	Auth	Two authentication methods are supported:
		• External Portal: After it is set, users connected to the network will be redirected to the external authentication server for authentication. Only authenticated users can access the Internet normally.
		• Captive Portal: After it is set, users connected to the network will be redirected to the mandatory authentication webpage for authentication. Only authenticated users can access the Internet normally. (For specific operation steps, please refer to the following text).

If the encryption mode is configured as " WPA2-Enterprise (802.1x) ", the following interface will appear:

SSID					\times
WLAN ID	3	·]	Hidden	No]
SSID	1		Forward Mode @	NAT]
				"NAT Address Pool Configuration"	
Encryption Mode	WPA2-Enterprise(802.1X))	Radio	Radio1(2.4GHz) Radio2(5GHz)	
				Radio3 @ (2.4GHz or 5GHz)	
Primary Server	Select a server	• • 2			
Jitter Prevention					
Advanced Settings	Advanced Settings				
5G-Prior Access @					
Speed Limit per Client					
Speed Limit by SSID @					
	O	Cance			

Items	Description		
	Select the primary server.		
Primary Server	Click the + icon to set up the Radius server. When the server is set, you need to configure the server name (required), server address (required), authentication port, accounting port and key (required).		
	D Note		
	If the authentication port and accounting port are left blank, they are set to 1812 and 1813 by default.		
	Defaults: Disabled		
Jitter Prevention	After it is enabled, you need to set the anti-jitter duration (0-600s). During the anti-jitter period, the client will not go offline. The default anti-jitter duration of the AP is 2 seconds. If the AP version is too low, it may not support the anti-jitter function.		
Addition Settings	Click Advance Settings to enter the advanced settings page, which supports configuring NAS IP address (available in NAT environment) and accounting update interval (unit: minutes).		

If the forward mode is configured as NAT, you can click the "**NAT Address Pool Configuration**" link below to configure the address pool. After selecting the address pool configuration type, click the corresponding blue font to configure it. After configuration, click **Save**.

WLANID 3 SID Forward Mode NAT Intra Address Pool Configuration Encryption Mode Open Radio Radio Radio Radio Radio Radio Radio Radio Radio Prior Access Speed Limit per Client Speed Limit py SSID Auth Image: (Nt Cancel Note: 1.04y after the SSID has been configuration medde; the NAT address pool configuration will be delivered to the AR. 2.16 address Pool Configuration Kote: 1.04y after the SSID has been configuration (Hor the SSID to get the new address of the address pool. * Internet address pool or the default address pool (192.168.23.0/24), Click here to configure the address pool. * ONTA Roaming Address Pool Configuration (Cloud will allocate different address pools for different APs. The AP must support L3 coaming. Please select this option with the network are dual-radio APs.) Internet: It is and all-radio APs.) Development: It is and all-radio APs.)	SSID				×
SSID Forward Mode NAT VAI Address Pool Configuration SSID Pen Nation Radio Radio (2,4GHz) Radio2(5GHz) Radio 2 (2,4GHz or 5GHz) SG-Prior Access Speed Limit by SSID Speed Limit by SSID Kuth Matheward Nation Nation	WLAN ID	3	~	Hidden	No 🗸
Intervention Intervention Interventing Intervention	SSID			Forward Mode @	NAT
Encryption Mode Open Radio @ Radio1(2.4GHz) @ Radio2(5GHz) Radio3 @ (2.4GHz or 5GHz) SG-Prior Access @ Speed Limit per Client Speed Limit per Client Speed Limit by SSID @ Auth CK Cancel Note: 1. Only after the SSID has been configured with NAT forwarding mode, the NAT address pool configuration will be delivered to the AR 2. If the address Pool Configuration (Recommended) Use the current address pool (192.168.23.0/24), Click here to configure 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 suit address fool 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 suit access (Banzer 10.233.0/24). Click here to customize the address pool. By default it is suit access (Banzer 10.233.0/24). Click here to customize the address pool. By default it is suit access (Banzer 10.233.0/24). Click here to customize the address pool. By default it is suit access (Banzer 10.233.0/24). Click here to customize the address pool. By default it is suit access (Banzer 10.233.0/24). Click here to customize the address pool. By default it is suit access (Banzer 10.233.0/24). Click here to customize the address pool. By default it is suit access (Banzer 10.233.0/24). Click here to customize the address pool. By default it is suit access (Banzer 10.233.0/24). Click here to customize the address pool. By default it is suit access (Banzer 10.233.0/24). Click here to customize the address pool. By default it is suit access (Banzer 10.233.0/24). Click here to customize the address pool. By default it is suit access (Banzer					"NAT Address Pool Configuration"
SG-Prior Access Speed Limit per Client C Cancel Note: 1. Only after the SSID has been configured with NAT forwarding mode, the NAT address pool configuration will be delivered to the AR 2. If the 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 its and located the server (Banner 10.233.00/24.10.254.254.04/24), Click here to customize the address pool ×	Encryption Mode	Open	~	Radio	🗹 Radio1(2.4GHz) 🗹 Radio2(5GHz)
SG-Prior Access					Radio3 @ (2.4GHz or 5GHz)
Speed Limit per Client Speed Limit by SSID Speed Limit by SSID Muth Speed Limit by SSID Muth Speed Limit by SSID Muth Speed Limit by SSID Speed Lim	5G-Prior Access @				
Speed Limit by SSID	Speed Limit per Client				
Auth Image:	Speed Limit by SSID @				
OK Cancel I NAT Address Pool Configuration X Note: 1. Only after the SSID has been configured with NAT forwarding mode, the NAT address pool configuration will be delivered to the AR. X 2. If the address pool has changed, the original client must re-associate the SSID to get the new address of the address pool. X 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. > O 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 (Banner 10.233.00/24-10.254.254.0/24). Click here to customize the address pool >	Auth	() beta			
 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 AR. 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. O 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 (Banne: 10.233.0.0/24.10.254.254.0/24). Click here to customize the address pool. 			ОК	Cancel	
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 AR 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 (Banner 10.233.0.0/24.10.254.254.0/24). Click here to customize the address pool. ✓					
Note: 1. Only after the SSID has been configured with NAT forwarding mode, the NAT address pool configuration will be delivered to the AR. 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. ~	NAT Address Pool Configu	ration			×
 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. 	Note: 1. Only after the SSID has been	n configured with NAT forw	arding mode, the NAT address p	ool configuration will be delivered to	the AP.
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 (Ranner 10.233.0.0/24-10.254.254.0/24). Click here to customize the address pool	 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) 				
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.	Use the current address pool or the default address pool (192.168.23.0/24), Click here to configure the address pool. V				
when all APs in the network are dual-radio APs.) Ry 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.	O NAT Roaming Address Po	ool Configuration (Cloud	d will allocate different addr	ess pools for different APs. The A	AP must support L3 roaming. Please select this option
by delading it is date directiced by server, (halfyer, to 2550,0724 to 2546,2540,254), effective to castolinize the date as pool. *	when all APs in the network By default, it is auto alloo	are dual-radio APs.) cated by server. (Range:	10.233.0.0/24-10.254.254.0,	/24), Click here to customize the	address pool. 🗸
Save					Save
Items Description	Items		Description		
Command Address Pool Configuration (Recommended) After selecting this option, the address pool (192.168.23.0/24) is used by default. If you need to change it, click " Click here to configure the address pool " to configure the IP address and mask.	Command Address Pool Configuration (Recommended)		After selecting this option, the address pool (192.168.23.0/24) is used by default. If you need to change it, click " Click here to configure the address pool " to configure the IP address and mask.		
NAT Roaming Address Pool ConfigurationAfter selecting this option, the default address is assigned by the server (10.233.0.0/24-10.254.254.0/24). If you need to change it, please click "Click here to customize the address pool." and set the start address and end address.	NAT Roaming Address Pool Configuration		After selecting this option, the default address is assigned by the server (10.233.0.0/24-10.254.254.0/24). If you need to change it, please click "Click here to customize the address pool." and set the start address and end address.		

By default, the authentication function of SSID is disabled. After the authentication function is enabled, you can choose to set a captive portal or an external portal.

If you select captive portal, the following configuration items will appear:

Auth	Leta		
Mode	Captive Portal 🗸]	
Seamless Online 🛛	I Day •		
Please select a portal or a	add a new portal.		
test	AP_speed limit		
Voucher Login Access Code Doe stack Login Accurt Login Accurt Login	Voucher Logn Access Code 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	>	

Items	Description
Seamless Online	It is disabled by default. When it is enabled, once a client passes the authentication it does not need to authenticate again within the specified period. Supported time periods: 1 day/1 month/1 year/permanent.
Portal Selection	Required. You can select an existing authentication portal. If you want to create a new portal, click "or add a new portal ". For the steps to add a captive portal, see " <u>5.3</u> <u>Configuring Captive Portal</u> ".

If you choose the external portal, the following interface will appear:

Auth	
Mode	External Portal 🔹
Portal Server URL @	
Portal IP 🛛	
Portal Port	Optional
Gateway ID	Optional
Seamless Online	Enable(Available only when supported by Auth server)
Idle Client Timeout	In (1~65535)minutes, client with traffic cost less than (0~4294967294Bytes) will be kicked off

Items	Description	
Portal Server IP	Required. After it is set, unauthenticated users will be redirected to this URL for authentication before they can access the Internet.	
Portal IP	Required. Set the IP address of the authentication portal .	
Portal Port	Specify the portal port.	

Gateway ID	Specify the gateway ID.
Seamless Online	Defaults: Disabled. When it is enabled, once a user passes authentication for the first time, there is no need to authenticate again.
Idle Client Timeout	Defaults: Enabled. When it is enabled, clients with traffic less than the set value (0-4,294,967,294 bytes) will be forced offline within the specified time (1-65,535 minutes).

5.2.2 RF Configuration

In the Radio interface, you can configure the radio frequency of the AP. After configuration, click the **Save** button in the upper right corner of the interface to save.

The configuration items are described as follows:

Radio					
Radio1(2.4GHz) 🕐		Radio2(5GHz) 🕜		Radio3 🛿 (2.4GHz or 5GH	lz) 📀 Scan 🔾 Access
ON/OFF		ON/OFF		ON/OFF	\bigcirc
STA Limit	11	STA Limit	12	STA Limit	64

Items	Description		
ON/OFF*	By default, Radio1 (2.4GHz) and Radio2 (5GHz) are turned on.		
	Set the number of clients that can access each frequency band (range: 1-100). If this field is left blank, there is no limit on the number of clients.		
STA Limit	If the devices that access the Radio 1 (2.4GHz) or Radio 2 (5GHz) need to be set with different limited number of clients, you need to go to the "Advance Settings (Optional)" interface and use the CLI command to set them separately.		
Scan	This configuration item is only available for Radio 3 (2.4GHz or 5GHz). After selecting this item, Radio 3 is used to collect RF information around the AP, but STAs are not allowed to access the AP.		
Access	This configuration item is only available for Radio 3 (2.4GHz or 5GHz). After selecting this item, Radio 3 is used to provide wireless signals and allow STAs to access the AP.		

5.2.3 Security Configuration

On the security configuration page, you can set the eWeb password, Telnet, client isolation, wireless intrusion detection, etc. After configuration, you need to click the **Save** button in the upper right corner of the interface to save, otherwise the configuration will not take effect.

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)	

Items	Description	
eWeb	Defaults: Disabled. When it is enabled, you can set the Web login password for accessing the AP's eWeb. When the password is not configured, the system will not send the password to the AP.	
TelnetDefaults: Disabled.When it is enabled, you can set a Telnet password. The password cannot be le and its length must be between 8 and 25 characters.		
	With the feature enabled, clients will be isolated without affecting the network access to ensure that the clients cannot communicate with each other so as to ensure security. You can choose to isolate the clients based on APs or AP&SSID.	
Client Isolation	AP-based Client Isolation: Disabled by default. When it is enabled, all Layer 2 clients connected to the same AP cannot communicate with each other.	
	AP&SSID-based Client Isolation: Disabled by default. When it is enabled, clients connected to the same AP and the same SSID cannot communicate with each other.	
	Disabled by default.	
Wireless Intrusion	Supports four types of attack detection: DDOS attack detection, flood attack detection, AP spoofing attack detection, and weak IV attack detection. If this function is enabled, at least one of the above four detection modes must be enabled.	
	Clients detected to have attack actions will be added to the dynamic blacklist, and their messages will be discarded. Supports setting the duration of the client in the blacklist. The supported duration range is 60-86,400 seconds , and the default value is 300 seconds.	

5.2.4 Advanced Settings

On this **Advanced Settings** interface, you can configure AP radio scheduling, whitelists, and CLI commands. After configuration, you need to click the **Save** button in the upper right corner of the interface to save the configuration, otherwise the configuration will not take effect.

Advanced Settings(Optional)				^
AP RF Scheduling				
RF Shutdown Scheduling				
Period				
Start Time	his day • 23 • : 00 •			
End Time N	lext day 💙 23 💙 : 59 🔻			
Whitelist				Escabook
Whitelist O Addres	\$	Description	Action	Facebook
Whitelist O Addres	s n.cn	Description	Action	G Facebook
Whitelist Addres Addres baidu.cor First Previous Page 1 of 1	s n.cn Next Last	Description	Action	Facebook
Whitelist Addres baidu.cor First Previous Page CLI Command	s n.cn Last	Description	Action	Gracebook
Whitelist Addres Addres baidu.cor First Previous Page 1 of 1 CLI Command Model	s n.cn Last	Description	Action	Facebook
Whitelist Addres Addres baidu.cor First Previous Page 1 of 1 CLI Command Model AP180-AC	s n.en Last	Description 1	Action	Facebook
Whitelist O Addres Addres baidu.cor First Previous Page 1 of 1 CLI Command O Model AP180-AC RG-MA2810 RG-MA2810	s n.cn Last	Description 1 test	Action C a	Facebook

Items	Description	
	Defaults: Disabled.	
RF Shutdown Schedule	When RF scheduling is disabled, the AP will broadcast the SSID. When it is enabled, you need to configure the time for Wi-Fi to be enabled and disabled. The maximum supported time period is 24 hours.	
	Set up whitelist websites and websites that can be accessed directly without identity verification.	
Whitelist	Click \bullet to set up a whitelist. After configuring the domain name (required) and description (optional), click OK to complete the operation. To remove or edit a website in the whitelist, click \square and \square in the Action column to perform the corresponding operation.	
CLI Command	Click \bullet to enter the CLI configuration interface. In this interface, you can set the commands to be sent to the AP. To remove or edit the existing CLI commands, click \square and \square in the Action column.	

5.2.5 Binding AP location

In the Layout interface, you can bind an AP in a specific project to a specific location. The specific steps are as follows:

1 After selecting a non-apartment project, click **Network Details > Layout** to go to the configuration interface.



2 Click Config Layout.

Ruíjie 🖾	🔒 Dashboard	🕅 Project	88 AI Assistant
꿇 Hotel 🗸			
Dverview	Layout	~	Config Laugut 🕮 Parraya Davisa
 Devices 	Layout .		

3 Click Add Layout to add a layout.

Со	nfig Layout		×
	Name	Action	
	test	通 凶	
		Add Le	ayout

4 After setting the layout name, layout type, and image, click Save.

Add/Edit Layout	
Layout Name	
Layout Source	Please enter up to 18 characters, consisting of letters, numbers and underline ().
	企
	Select
Please select a pi	cture in the format of gif, jpg, jpeg, bmp or png. The size of the picture canno exceed 5M.

Items	Description
Layout Name	Required. Set the layout name. You can enter up to 18 characters. The following character types are supported: letters, numbers, and underscores (_).
Layout Source	 Defaults: Local Layout. Options: Local Layout: Local layout can be used to bind the location of indoor APs. Map: Map layout can be used to bind the location of outdoor APs.
Select	Click Select to upload a picture if you set the loayout source to local layout. You can upload a picture in the format of GIF, JPG, JEPG, BMP or PNG. The size of a single picture cannot exceed 5M.
Bind Location	If you set the layout source to Map , you need to specify the location to be bound.

5 When the "Operation succeeded " appears, the setting is completed. Then, you can pull down the layout selection box to select the newly created layout.

Message	×
Operation succeeded	
Layout Layout : Office Config Layout	
√ Office	Unbound Device List
<i>n</i>	SN1234942570046 Type: GATEWAY
и и л и	S2910-TEST SNG1PHC12006575 Type: SWITCH
CONFERENCE OFFICE BREAK OFFICE OFFICE	OFFICE SNH1MB0GA000892 Type: GATEWAY
I OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE OFFICE	
	OFFICE
C C	

6 Select the device you want to bind from the unbound device list on the right and drag it to the target location. After dragging it in, a red dot will appear to mark the device. If you need to change the device location, place the mouse on the red dot and drag it to another location.



After the device is bound, you can unbind it in the following way:

Method: Select the device to be unbound, and then click **Remove Device**. When the prompt appears, click **OK** to complete the operation.

Layout : Office Config Layout Remove Device Unbound Device List Unbound Device List S2910-TEST SNGTH-C12005575 Type: SWTCH SNGTH-C2005575 Type: SWTCH SNGTH-C2005575 Type: SWTCH Type: GATEWAY
Unbound Device List S2910-TEST SNG1PHC122005275 Type: SWITCH SNG1PHC122005275 Type: GATEWAY
100 400 400 400 400 400 400 400

5.2.6 Radio Frequency Planning

Radio planning can adjust the channels and power of APs in the same area network, thereby optimizing the channel allocation and power of APs. Reasonable radio configuration planning can reduce channel interference, improve channel utilization, and enhance the overall performance and capacity of the wireless network. Click **Project > RF Planning** to enter the radio planning settings interface, which consists of three parts: **Radio Settings**, **Smart RRM**, and **Manual Planning**.

5.2.6.1 RF Settings

Radio Settings	
Country/Region	Japan(JP)
RF1(2.4G) Default Channel Width	Please select 🗸
RF2(5G) Default Channel Width	Please select 💙
RF3(5G) Default Channel Width	Please select 💌

	Save	
_		

Items	Description
Country/Region	Defaults: Japan(JP)
RF1(2.4G) Default Channel Width	Defaults: N/A Options: 20 MHz/40 MHz
RF2(5G) Default Channel Width	Defaults: N/A Options: 20 MHZ/40 MHz/80 MHZ/160 MHZ
RF3(5G) Default Channel Width	Defaults: N/A Options: 20 MHZ/40 MHz/80 MHZ/160 MHZ Note: For Ruijie devices, RF3 is used to support the 5G 11ax (Wi-Fi 6) standard, which means it can deliver higher bandwidth and better performance.

5.2.6.2 Automatic RF Planning

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:

- The cloud triggers APs to scan and upload RF information.
- The cloud calculates the optimal recommended configurations.
- 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.

On **Smart RRM** 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		🗘 Custom Channe	el 📋 Recent RF Scan History 🕒 Schedule Settings
	Scan Mode:	O Quick Scan	🕏 Deep Scan
	Synchronize to Device	The WiFi service won't be interrupted during scanning process. The scanning result may not include all interference.	The result will cover almost all WiFi interference. The WiFi service will be interrupted during scanning process(disconnect and reconnect).

Items	Description
Scan Mode	Defaults: Deep Scan Options:
	• Quick Scan: This mode enables APs to provide the Wi-Fi service properly during scanning. However, data acquired in this mode is not as accurate as 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 if you can accept that the clients go offline during the scanning.
	Defaults: Disabled. When it is enabled, the RF scan results will be automatically pushed to the AP.
	The push types including:
	Synchronize recommended channels
Synchronize to device	 Synchronize recommended channels and power
Synchronize to device	Synchronize recommended power of current channel
	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.

Click Custom Channel to enter the configuration interface. This function is disabled by default. When enabled, you can customize the 2.4 GHz and 5 GHz channels. After setting the channel according to the actual situation, click Save to complete the configuration.

Smart RRM > Custom Channe	4
Custom Channel :	
2.4GHz :	1 2 3 4 5 6 7 8 9 10 11 12 13
5GHz :	36 40 44 48 52 56 60 64 100 104 108 112 116 120 124 128 132 136 140
Save	

Click Recent RF Scan History to view the historical records of automatic RF scanning and planning. Each
record displays the information obtained each time it is triggered, including the automatic RF scan trigger time,
RRM analysis start time, update time, scan mode, status (Initializing/Scanning/RRM analysis/Finish/Failure),
application status, results, and other information.

Smart RRM > Recent RF Scan History	/						е н	×
Triggered at	RRM Analysis at	Updated at	Scan Mode	Status	Apply	Task	Result	Action
		No Data	3					
First Previous Page 0	of 0 Next Last						10	Total: 0

• Click **Schedule Settings** to start the RF automatic scan at a scheduled time. The scheduled scan function is disabled by default. After enabling it, you need to select the scan mode, set the time, and choose whether to synchronize the results to the device. And then click **Save** to complete the operation.

Smart RRM > Schedule Set	ttings	
Status:		
Scan Mode :	○ Quick Scan	🥏 Deep Scan 🔞
	The WFF reprise work he interrupted during scapping process	The result will cover almost all WiFi interference
	The scanning result may not include all interference	The WiFi service will be interrupted during scanning process/disconnect and
	The scanning result may not include an interference.	reconnect).
Time:	23:00 🗸	
	Monday Tuesday Wednesday Thursday Friday	Saturday 🗌 Sunday
Synchronize to Device :		
Action :	Synchronize recommended channel	
Save		

5.2.6.3 Manual RF Planning

On 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.

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.



D Note

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

To perform manual RF planning, 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.

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 select the radio and configure the power percentage for all locations on a project.

	Batch Config		×	
Manual Planning	Radio: Power:	Radio 1(2.4G)	·)%	
SN MAC Device Nan		[Save Close	g Details I:
First Previous Page 0	of 0 Next La	st	Total: 0 Ra	adio 1(2.4Ghz) nannel:

If you need to synchronize the RF configuration of the corresponding location to the bound AP, click **Apply** above the location diagram to synchronize the RF configurations of the corresponding location to the bound AP. If you need to perform batch operations, click each location continuously and then click **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.

D Note

If an unbind operation is performed, RF synchronization configuration will be removed from the AP.

5.2.7 Roaming

Ruijie JaCS supports configuring the roaming function for a project with the scenario set to the **Hotel** or **Other**. With the roaming function enabled, users can achieve zero roaming within the Wi-Fi coverage area. The specific steps are as follows:

1 Click **Project** > **Roaming** to go to the wireless configuration interface.



2 Enable L3 roaming and L2 InVLAN Tunnel Forwarding as needed. L2 InVLAN forwarding mode and L3 roaming are disabled by default. These two roaming modes can be enabled at the same time.

Hotel Roaming Settings					
	L3 Roaming: 🔵	L2 InVLAN	Tunnel Forwarding: 🔵		
Vith roaming function ena	bled, users can achieve a	zero-handoff roaming with	in the WiFi coverage area.	Example:	
Before			L3 Roaming		
WiFi		Floor 2, VLAN 20	WiFi		Floor 2, VLAN 20
c ^{My_HOME} ♀			✓ My_HOME 🗇		
		Floor 1, VLAN 10			Floor 1, VLAN 10
Before			L2 InVLAN Tunnel Fo	rwarding	
		Bedroom, VLAN 20			Bedroom, VLAN 20
a Room, VLAN 20			Room, VLAV 20		

D Note

- The SSID signal must be consistent, otherwise roaming may fail.
- L2 roaming is suitable for small or medium-sized networks, especially offices, schools, or small businesses. It is recommended to be performed if all devices are in the same subnet and do not need to move across subnets. L3 roaming is suitable for large enterprises, campus networks, or places that require wide coverage. It is recommended to be performed if devices need to move between different subnets.

5.3 Configuring Captive Portal

Ruijie JaCS supports configuring network WEB authentication for projects with the scenario set to Hotel or Other.

The specific steps are as follows:

1 After selecting the project to be configured, click **Device Config > Basic** to enter the SSID creation interface.

Ruífie 💩	🗋 Dashboard (🖗 Project	🔠 Al Assistant
緣 Hotel1 ∨			
D Overview			
📼 Devices	Wireless Configu	iration	
🛱 Client	SSID 🕒		
Smart Simplicity	WLAN ID	SSID	Encryption N
🗢 RF Planni g	1	Hotel1	Open
Roaming	First Previou	s Page	1 of 1 Ne
Configuration	Radio		
≅ Device Config >	🔿 Gateway	O Wireless	
④ Auth & Account >	Dynamic DNo	Basic]
Monitoring		AP Template	

2 Click the + next to SSID to create an SSID. Or click to *L* edit an existing SSID.

Ruífie 🖾		Project 88								
🝰 Hotel1 🗸 🗸										
Overview							Sav	•	More 👻]
 Devices 	Wireless Configura	ition							^	
🖙 Client	SSID									
Smart Simplicity	WLAN ID	SSID	Encryption Mode	Hidden	Forward Mode	Radio	Auth Mode	Ad	ion	
중 RF Planning	1	Hotel1	Open	No	Bridge	1,2	Auth Disabled	Z	Û	
Roaming	First Previous	Page 1	of 1 Next L	ast				10 🔺	Total: 1	
Configuration	Radio									
≇ Device Config >	Radio1(2.4GHz) @		Radi	o2(5GHz) 🕜		Radio3 🔞	(2.4GHz or 5GHz)	🕑 Scan 🔿	Access	
Auth & Account >	ON/OFF		ON	/OFF		ON/OFF				

3 Turn on the authentication button, select **Captive Portal** as the authentication mode, and then click **or add a new portal** to create a captive portal.

speed Limit by SSID 🛛	
Auth	Captive Portal
Seamless Online @	1 Day v
Please select a portal <mark>or a</mark>	dd a new portal.
<	>

4 Set up the captive portal according to your actual needs.

Captive Portal Add		\times
Name	*	
Description		
Login Options	One-click Login 🗌 Voucher 🗌 Account	
	Access Duration (Min) Unlimited	
Show Balance Page@		
Post-login URL@		

Items	Description
Name	Required. Set the captive authentication portal name.
Description	Optional. Enter the description. Up to 200 characters are supported.
Login Options	Defaults : One-clink Login Options: One -click Login, Voucher, Account. (Multiple selection is supported.)
Show Balance Page	Defaults : Disabled. When this feature is enabled, the duration, number of times, or data available after portal authentication will be displayed. This function is invalid for gateway authentication.
Post-login URL	Set the URL. It must start with http or https, such as https://www.google.com.

Customize the authentication portal interface. There are two types of interface settings: "Basic Settings" and "Advanced Settings".

Basic settings interface:

		Mobile Desktop Reset Styl
ogo Picture 🛛 🛛 🖸	Default Logo Upload	
ackground	Image 🔷 Solid Color	reugro 🖾
ackground Image 🛛 🛛 🛛	Default Image Upload	
anguages English ×	+	
Welcome Message	• Text Image	Voucher Login
Text	60 characters remaining	Access Code
		Login
Marketing Message	60 characters remaining	
Torma 9. Conditions		
Terms & Conditions		
Terms & Conditions		Note: This is only a preview image. The actual effects vary with devices at different resolution
Terms & Conditions		Note: This is only a preview image. The actual effects vary with devices at different resolution
Terms & Conditions	60 characters remaining	Note: This is only a preview image. The actual effects vary with devices at different resolution

Items	Description
Login Picture	Set the logo to be displayed on the login interface. If no logo image is uploaded, the system logo will be used by default. Supported image formats: tif, pjp, jfif, ico, tiff, gif, svg, xbm, jxl, jpeg, svgz, jpg, webp, png, bmp, pjpeg and avif.
Back ground	Set the background image for the login interface. The default setting image is used. If you need to customize the background image, click Upload to upload a new one. If you need to set a solid color background, click Solid Color and select the background color.
Languages	Set the language of the authentication interface and the information displayed on the authentication interface. Support setting welcome message, marketing information, terms and permissions, as well as copyright information.
	Currently, up to three languages can be set each time. User can switch the language using the language switch icon in the upper right corner of the authentication interface.

Advanced settings interface:

Portal Page 🛛		
Basic Advanced		Mobile Desktop Reset Style
Logo Position	Upper 🗸	***
Background Mask Color	#a2a2a2	reutjie 🖾
Background Mask Opacity	30	and the second se
Welcome Message Text Color	#ffffff	One-click Login
Welcome Message Text Size	24 🗸	
Button Color	#0066ff	
Button Text Color	#ffffff	
Link Color	#ffffff	and the second se
Text Color in Box	#ffffff	
		Note: This is only a preview image. The actual effects vary with devices at different resolutions.
		K Carcel

Items	Description
Log Position	Set the logo position on the authentication page. Defaults: upper. Options: Upper/Middle/Lower
Background Mask Color	Set the background mask color. Defaults: #a2a2a2
Background Mask Color	Set the background mask transparency. Defaults: 30
Welcome Message Text Color	Set the welcome message text color. Defaults: #fffff
Welcome Message Text Size	Set the font size of the welcome message text. Defaults: 24
Button Color	Set the button color.

	Defaults: #0066ff
Button Text Color	Set the button text color. Defaults: #fffff
Link Color	Set the link color. Defaults: #fffff
Text Color in Box	Set the color of the text in the box. Default: #fffff

5 After configuring the authentication interface, you can preview the it on the right. If you need to reset the interface, click **Reset Style**. Otherwise, click **Save** directly.

		Mobile Desktop Reset Styl
ogo Picture 🛛	Default Logo Upload	0 × ·
ackground	Solid Color	Ruge 🖾
ackground Image 🕯	Default Image Upload	
anguages	English × Japanese × +	Noveland Partie
Welcome Messa	ge 🔹 Text 🔿 Image	voucher Legin
Text	60 characters remaining	Access Code
Marketing Messay	je 60 characters remaining	
		Note: This is only a preview image. The actual effects vary with devices at different resolution

6 After creating a new Captive Portal, you need to select the portal interface and click **OK** to complete the operation.

Mode	Captive Portal	~		
Seamless Online 🛛 🧲	C 1 Day 🗸]		
Please select a portal or add	a new portal.			
Test				
C Decidi Logio				>
		OK Cancel		

Click **Auth&Account** > **Captive Portal** to enter the Captive Portal management interface. All created Captive Portals will be displayed here. Click \square and \square in the upper left corner of the authentication portal to edit and delete it. If you need to synchronize the captive authentication portal to the EG product, click **Synchronize**. If the portal has been associated with an SSID or has been used in an EG product, you must cancel the association before deleting it.

Ruífie 🖾	🗋 Dashboard 🕅	ð Project 🖁 Al Assistant
ஃ Hotel1 ∨		
D Overview	Captive Portal	
 Devices 	Add Synchroniz	
🕞 Client		i N
Smart Simplicity	nup 🖒	Test
	Crew child Lager	Applied SSID Not associated with SSID
Roaming	38 St	Network of Synchronized EG Not synchronized to EG
Configuration		Created on 2025-01-22 18:55:36
≆ Device Config >		Description
Auth & Account >		

5.4 Configuring Voucher Authentication

Voucher authentication is a simple portal authentication. Voucher authentication on Ruijie JaCS allows you to create access codes to guest for passing authentication and accessing wireless network. The number of concurrent users, network access duration and network speed limit and fees can be customized and offered to your guests.

The specific configuration steps are as follows:

1 Select the project to be configured, and click **Device Config > Basic**.

Ruíjie 🖾	<table-cell> Dashboard 🎯</table-cell>	Project 88	Al Assistant					¢	0 ×	- × (
& Hotel1 ∨	Wireless Configurat	ion								^
Dverview	SSID 🔁									
 Devices 	WLAN ID	SSID Hotel1	Encryption Mode	Hidden	Forward Mode Bridge	Radio 1.2	Auth Mode		Action	
🖙 Client	The Design	Page 1	41 (No.) (1					_		fotal: 1
Smart Simplicity	First Previous	rageC	Next	ast.						
	Radio									
Roaming	Radio1(2.4GHz) 🔞		Rad	io2(5GHz) 🔞		Radio3 🔞	(2.4GHz or 5GHz)	🕑 So	an 🔿 Ac	cess
Configuration	ON/OFF		ON	I/OFF		ON/OFF	0			
≅ Device Config >	O Gateway O	Wireless	ST/	A Limit	32	STA Limit	32			
Auth & Account >	Dynamic DNS Ba	sic								
Monitoring	AF	Template								~

2 Click ● to add a new SSID or click ^I icon to edit an existing SSID. Enable the authentication function, and set the authentication mode to Captive Portal.

Speed Limit per Client 🔘	
Speed Limit by SSID 🛛 💭	
Auth	
Mode Captive Portal	
Seamless Online 🛛 🔍 1 Day 🗸	
Please select a portal or add a new portal.	
Test	
<	>

3 Click "or add a new portal", and fill in the basic portal information, including name, description, login options (remember to select Voucher in the login options), and authentication address, etc., and click Save to save the portal settings. For detailed introduction to the items in the captive portal setting page, refers to the Section 5.3.

Contine Portal \ Add	
Captive Portar / Add	\times
Name TestVoucher *	
Description	
Login Options 🗌 One-click Login 🛛 Voucher 📄 Account	
Show Balance Page 🏽 💽	
Post-login URL@	
Portal Page 🛛	
Basic Advanced Mobile Desktop	Reset Style
Logo Picture Default Logo Background Image Solid Color Background Image Default Image Languages English × + Welcome Message Text 60 characters remaining Marketing Message 60 characters remaining	
Terms & Conditions Copyright 60 characters remaining	ferent resolutions.
OK Cancel	

4 After setting the authentication interface, check the portal and click **OK** to complete the setting.

Please select a portal or add a new portal.	
TestVoucher Voucher Login Access Code	
Lupin	
OK	

5 Click **Voucher** to go to the voucher management interface.

Ruíjie 🖾	□ Dashboard 😚 Project 88 Al Assistant	¢	0	× 1	×	L
Hotel1 Hotel1 Overview Devices Client	Voucher Print Voucher Manage Package ③ More • ● Total Vouchers: 0 ● Depleted Vouchers: 0 ● Depleted Vouchers: 0 ● Unit Voucher Voucher Code, Allas, Package Name, MA	AIQ A	C	🖻 I Sear	tt v ch∨	
Smart Simplicity	Voucher Code Alias Package Name Price Period Created at Expired at Devices Bind MAC Data Usage Download Speed U	Upload S	peed	Stat	tus	
 RF Planning Roaming Configuration Device Config > 	First Previous Page O of 0 Next Last	C	10 -	_ To	tal: 0	
Auth & Account >	Accounts Authentication					
Monitoring	Voucher Captive Portal					
Alarms	PPSK					

6 Click Manage Package to enter the management interface, click Add Package to add a package and then click OK.

Voucher Print Voucher Mana	ge Package ⑦ More 🔻	Total Vouchers: 0 Activat	ed Vouchers: 0 🧲	Depleted Vouchers @	: 0		C 12	:
Veucher Code	Aliac Backage Name	Brice Beried Created at	Evaluat	Devices Find MAC	Voucher Co	de, Alias, Package Nam	e, MA(Q) Advanced Sea	arch ∨
- voucher code	Allas Package Name	Price Period Created at	No Data	Devices Bind MAC	Data Osage	Download Speed	opioad speed St	atus
First Previous	Page O of 0	Next Last					10 • T	lotal: 0

Voucher) Manage Package		Add Package	×	C # -
Package Name	Description	Package Name	*	Upload Speed Action
First Previous Page	0 of 0	Description		10 Total: 0
		Price		
		Concurrent Devices	3 v	
		Bind MAC	•	
		Period	30 Minutes	
		Data Quota	100 MB V	
		Download Speed	Unlimited 🗸	
		Upload Speed	Unlimited V	
			OK Cancel	

Items	Description
Package Name	Required. Enter a package name. Up to 32 characters is supported. Numbers, letters, and underscores are supported to be contained.
Description	Optional. Set the description of the voucher.
Price	Optional. Set the charge price. Support entering a price with two decimal places, and the maximum value is 100,000,000.00.
Concurrent Devices	Set the number of concurrent clients. The default value is 3.

	Options: Unlimited /1/2/3/4/5/6/7/8/9
Bind MAC	Defaults: Disabled. When it is enabled, the voucher code used by a device will be bound with its MAC address.
Period	Set the validity period. During this validity period, the client is allowed to use the code to access the network. Defaults: 30 minutes. Options: Unlimited/30 minutes/1 hour/2 hours/1 day/2 days/1 week/2 weeks/30 days/Custom.
Data Quota	Set the data quota. Defaults: 100MB. Options: Unlimited/ 100M/200M/500M/1G/2G/Custom
Download Speed	Set download speed limit. Defaults: Unlimited. Options: Unlimited/256 Kbps/512 Kbps/1 Mbps/2 Mbps/5 Mbps/10 Mbps/Custom
Upload Speed	Set the upload speed limit. Defaults: Unlimited. Options: Unlimited/ 256 Kbps/512 Kbps/1 Mbps/2 Mbps/5 Mbps/10 Mbps/Custom

7 After configuration, the package will be displayed in the list. Click **Voucher** to return to the voucher management interface.

Voucher Manage Pac	kage							(0 💵 - 🕅
Add Package								Package Name	Q
Package Name	Description	Price	Concurrent Devices	Bind MAC	Period	Data Quota	Download Speed	Upload Speed	Action
speed_testvoucher	-	-	3	No	30 Minutes	100 MB	Unlimited	Unlimited	
First Previous	Page 1 of 1		Next					10-	Total: 1

- 8 Click Print Voucher to enter the voucher printing interface. The printing interface supports printing single or multiple vouchers.
 - Print a single voucher:

Voucher > Print Voucher			
Single Voucher Multiple Vouchers	Allas Description: - Price: - Concurrent Devices: 3 Bind MAC: No Period: 30 Minutes Destago and technology of the first state of the first st		
Reprint Voucher	Print Method Print in 1 Column (A4)		
	Print		
Items	Description		
Alias	Up to 20 characters are supported.		
Package	Select the voucher package you want to print.		
Print Method	Defaults: Print in 1 Column (A4).		

Print multiple vouchers:

Options: Print in 1 Column (A4)/Print on POS Receipt

Voucher > Print Voucher			
Single Voucher Quantit		Description: - Price: - Concurrent Devices: 3	
Multiple Vouchers Packag	speed_testvoucher v	Bind MAC: No Period: 30 Minutes Data Quota: 100 MB Download Speed: Unlimited Upload Speed: Unlimited	
Reprint Voucher Print Metho	Print in 1 Column (A4)		
	Print		

Items	Description
Quantity	Required. Set the number of packages to be printed. A maximum of 100 packages can be printed at a time.
Package	Select the voucher package you want to print.
Print Method	Defaults: Print in 1 Column (A4). Options: Print in 1 Column (A4) / Print on POS Receipt

9 After setting, click **Print** and a preview of the voucher will appear. After confirmation, click **Print** (the interface here is a preview of printing multiple vouchers).

PDF "
PDF *
PDF "
取消

After printing, the voucher codes can be distributed to users, so that they can use the codes to pass authentication and access the network. If you need to reprint a previous voucher package, you can search for the previously printed voucher by voucher code, alias, voucher name, or bound MAC address, and select it, and then click **Print** to print it again.

Voucher > Print Voucher	
Single Voucher	Image: Second state of the second s
Multiple Vouchers	First Previous Page 1 of 1 Next Last
Reprint Voucher	Total: 1
	Print Method Print in 1 Column (A4)
	3 Print

All printed voucher package will be displayed in the **Voucher** list. When the MAC binding is enabled on a package, you can bind a device's MAC address with the voucher code. When the voucher status is activated or

exhausted, you can click \blacksquare in the **Bind MAC** column to unbind the MAC address.

Click More to delete the selected print records, or change the print method.

1	Vouch	her											C	· 🗠 🏭 -
	Print Voucher Manage Package 💿 More 🗸				● Total Vouchers: 11 ● Activated Vouchers: 0 ● Depleted Vouchers ⑦ : 6 Voucher Co				Voucher Code, A	de, Alias, Package Name, MA(Q) Advanced S				
	Vo	oucher Code	Delete	è	Price	Period	Created at	Expired at	Devices	Bind MA	C Data Usage	Download Speed	Upload Speed	l Status
		n5qbhj	Print i	n 1 Column (A4)	-	30 Days	2023-11-06 17:20:26	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activa
		x7mtjj	Print in 2 Columns (A4)			30 Days	2023-11-06 17:20:26	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activa
		7tjafq	Print o	on POS Receipt	. .	30 Days	2023-11-06 17:20:26	-	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activa
		doe276	test	speed_test		30 Minutes	2023-01-31 13:45:58	2023-01-31 14:23:55	0/3	No	5 MB/100 MB	64 Kbps	2040 Mbps	Depleter
		n8r6nn	test5	speed_test5	-	30 Minutes	2023-01-31 13:45:29	2023-01-31 14:21:53	0/3	No	1 MB/100 MB	5 Mbps	512 Kbps	Depleter
		qg82xw	test256	speed_test256kb	-	30 Minutes	2023-01-31 13:45:17	2023-01-31 14:19:36	0/3	No	1 MB/100 MB	256 Kbps	256 Kbps	Depleter
		vjsb2s	-	voucher	200.00	30 Minutes	2023-01-11 14:01:20	2023-01-11 14:35:49	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Depleter
		4pmy52	-	voucher	200.00	30 Minutes	2023-01-11 14:01:20		0/3	No	0 MB/100 MB	Unlimited	Unlimited	Not Activa
		mzwnx3	-	voucher	200.00	30 Minutes	2023-01-11 14:01:20	2023-01-31 14:17:22	0/3	No	23 MB/100 MB	Unlimited	Unlimited	Depleter
		2d55ad	-	voucher	200.00	30 Minutes	2023-01-11 14:01:20	2023-01-11 15:32:48	0/3	No	0 MB/100 MB	Unlimited	Unlimited	Depleter
	First	Previous	s Pag	e 1 of 2		Next	t							10 🔺 Total

5.5 Configuring Account Authentication

After the account authentication function is configured, the client needs to enter a valid account and password before accessing the Internet. It supports configuring the number of concurrent clients, time period, and traffic limit.

The specific steps are as follows:

1 Select the project to be configured, and click **Device Config > Basic**.

Ruífie 🖾	🗋 Dashboard 👩	Project 88	Al Assistant					¢	() 7	A X	
緣 Hotel1 ∨	Wireless Configu	ration								^	
Overview	SSID 🔁										
	WLAN ID	SSID	Encryption Mode	Hidden	Forward Mode	Radio	Auth Mode		Action		
Devices	1	Hotel1	Open	No	Bridge	1,2	Auth Disabled		Ľ i		
🖙 Client	First Previous	Page 1	of 1 Next L	ast					10 .	Total: 1	
Smart Simplicity											
	Radio										
Roaming	Radio1(2.4GHz) @		Radi	o2(5GHz) 🕜		Radio3	(2.4GHz or 5GHz)	🥑 So	an 🔿 🗛	ccess	
Configuration	ON/OFF		ON	/OFF		ON/OFF)			
≅ Device Config >	O Gateway	O Wireless	STA	Limit	32	STA Lim	it 32				
Auth & Account >	Dynamic Divs	Basic									
Monitoring		AP Template								\sim	

2 Click ● to add a new SSID, or click ^[] to edit a SSID. Enable the authentication function for the SSID, and set the authentication mode to Captive Portal.

Speed Limit per Client	
Speed Limit by SSID 🛛 💭	
Auth Contraction	
Mode Captive Portal	
Seamless Online 🛛 🔍 🚺 Day 🗸	
Please select a portal or add a new portal.	
C One dick Login	
<	>

- 3
 - Click "**or add a new portal**" to create a new portal. In captive portal setting page, fill in the basic portal information, and check **Account** in the login options, set the portal page as needed, and then click **OK**.
| Captive Portal Add | | | \times |
|--|--|-------------------|-------------------------------------|
| Name | TestAccount | * | |
| Description | | |] |
| Login Options | One-click Login Voucher Access Duration (Min) Unlimited | nt 🗸 | |
| Show Balance Page@ | | | |
| Post-login URL@ | | | |
| Portal Page 🛛 | | | |
| Basic Advanced | | Mobile Desktop | P Reset Style |
| Logo Picture
Background
Background Image
Languages
Englist | Default Logo Upload
Image Solid Color
Default Image Upload
h x + | Account | |
| Account Login Title ◆ Show Account Login Account Placeholder Account Password Placeholder Password Login Button Login Switching Button Account Login | 60 characters remaining
60 characters remaining
r 60 characters remaining
60 characters remaining
60 characters remaining
60 characters remaining | Password
Login | • devices at different resolutions. |
| | | K Cancel | |

4 After setting up the portal authentication interface, select the portal, click **OK** to apply to the SSID.

TestAccount	TestVoucher	test	AP_speed limit
Account Login Account Password	Voucher Login Access Code	Voucher Login Access Code Login Onesdick Login Access Login	Voucher Logn Access Code Logn One-dat Logn Access Logn

5 Click Auth & Account > Account to enter the account authentication configuration interface.

Ruíjie 🖾	Dashboard 😚 Project 88 Al Assistant	٩	0 ¾	× 🛙
& Hotel1 V				
D Overview			СĽ	
 Devices 	Add Account Manage Profile More I total Account: 0 Activated Accounts: 0 Depieted Accounts 0: 0	Account		Q
🖓 Client	Account Alias Password Profile Name Period Created at Expired at Devices Data Usage Download Speed Upload Speed No Data	Status	A	tion.
Smart Simplicity		_	10	Total: 0
중 RF Planning	HIST Previous rage o 0.0 Next Last		10 🔺)
Roaming				
Configuration				
≅ Device Config >				
Auth & Account >	O Accounts O Authentication			
Monitoring	Voucher Captive Portal			
រារ៍ Network Details	Account			
Alarms	PPSK			

6 Click Manage Profile, and click Add profile to add a profile.

Account Manag	ge Profile More 👻 (Total Account: 0	Activated Ac	counts: 0 🛛 🔶 D	Depleted Acc	counts ©:0)		Account	C 🖻	# - Q
Account Alias	Password Profile	Name Period	Created at	Expired at	Devices	Data Usage	Download Speed	Upload Speed	Status	Ac	tion
				No E	Data						
First Previous	Page 0 of 0	Next	Last							10 🔺) Total: 0
Account > Manage P	Irofile									С	
Add Profile									Profile Nam	e	Q
Profile Name	Description	Concurrent	Devices	Period	Data	Quota	Download Speed	Upl	oad Speed	A	ction
				No	Data						
First Previous	Page 0 of 0	Next	Last							10 🔺	Total: 0

7 Fill in the profile information, and the click **OK**.

Add Profile		×
Profile Name		*
Description]
Concurrent Devices	3	Θ
Period	30 Minutes 🗸]
Data Quota	100 MB ~	Θ
Download Speed	Unlimited •	Θ
Upload Speed	Unlimited 🗸	e
	OK Cancel	

Items	Description
Profile Name	Required. Enter a profile name. The supported name length is up to 32 characters. Numbers, letters, and underscores can be contained.
Description	Optional. Up to 28 characters are supported.
Concurrent Devices	Set the number of concurrent devices. Defaults: 3. Options: Unlimited/1/2/3/4/5/6/7/8/9
Period	Set the validity period. During this validity period, the client is allowed to use the account and password to access the network. Defaults: 30 minutes. Options: Unlimited/30 minutes/1 hour/2 hours/1 day/2 days/1 week/2 weeks/30 days/Custom.
Data Quota	Set the traffic quota. Defaults: 100MB. Options: Unlimited/100M/200M/500M/1G/2G/Custom
Download Speed	Set download speed limit. Defaults: Unlimited Options: Unlimited/256 Kbps /512 Kbps /1 Mbps/2 Mbps/5 Mbps/10 Mbps/ Custom
Upload Speed	Set the upload speed limit. Defaults: Unlimited. Options: Unlimited/ 256 Kbps /512 Kbps /1 Mbps/2 Mbps/5 Mbps/10 Mbps/ Custom

8 After configuring the profile, click **Account** to return to the account management interface.

Account Manage Pro	file	
Profile Name	Description	c
account_1M		

- 9 Click Add Account to set account information. You can set account information in batches or for a single account. Batch settings:
 - 1) Select a profile.

Step 1: Select the profile. Profile speed_account Step 2: Download and fill in the template.Up to 200 records can be imported Account and Password fields are required. Alias field is optional. Please enter less than 32 characters, consisting of letters, numbers or underscores.	
Profile speed_account	
Itep 2: Download and fill in the template.Up to 200 records can be imported account and Password fields are required. Alias field is optional. lease enter less than 32 characters, consisting of letters, numbers or underscores.	
"xts" File Download Template	

2) Click **Download Template** to download and fill in the template. You can configure up to 200 account information at a time.

Account	Password	Alias

Items	Description
Account	Required. Set the account name.
Password	Required. A password can be up to 32 characters and can contain letters, numbers, and underscores.
Alias	Optional. Set an alias.

3) After filling in the template, click ".xls" File to upload the template. After the prompt appears, the configuration is completed.

Message	\times
Succeeded to import 3 accounts.	
ОК	

To create a single account:

1) Click Add an Account.

Add Account		×
Step 1: Select the profile.		
Profile	account_1M	
Step 2: Download and fill in the te Account and Password fields are re Please enter less than 32 character	mplate.Up to 200 records can be imported equired. Alias field is optional. s, consisting of letters, numbers or underscores.	
-a	Is* File Download Template	
Add an Account	Cance	ı

2) After setting the account information, click Save.

Add Account			×
Account ©	*		
Password ©	*	Description: - Max Concurrent Devices: 3 Period: 1 Day	
Profile	account_1M 🗸	Data Quota: Unlimited Download Speed: 1 Mbps Upload Speed: 1 Mbps	
Alias			
Batch Import		Save	Cancel

Items	Description
Account	Required. Set the account name.
Password	Required. A password can be up to 32 characters and contain letters, numbers, and underscores.
Profile	Required. Select a profile.
Alias	Optional. Set an alias. The alias should be between 2 and 32 characters and contain letters, numbers, and underscores.

After the import is successful, the account information will be displayed in the account list. If you need to edit the account information, you can click the \square icon in the **Action** column to edit it; if you need to delete the account information, you can click \square to delete it.

A	ccount											Сu	: #	- 8
A	Add Account Manage Profile More + Image Total Account: 8 Activated Accounts: 0 Depleted Accounts 2:4						Account		C					
	Account	Alias	Password	Profile Name	Period	Created at	Expired at	Devices	Data Usage	Download Speed Up	load Speed	Status	Acti	on
	Account3	-	****** 🛩	speed_account	30 Minutes	2024-05-31 14:38:07	-	0/3	0 MB/100 MB	Unlimited	Unlimited	Not Activated		Ū
	Account2	-	****** 🛩	speed_account	30 Minutes	2024-05-31 14:38:07	-	0/3	0 MB/100 MB	Unlimited	Unlimited	Not Activated	\square	Û
	Account1	-	****** 🛩	speed_account	30 Minutes	2024-05-31 14:38:07	-	0/3	0 MB/100 MB	Unlimited	Unlimited	Not Activated	\square	Ū
	account0	-	***** 👾	account_1M	1 Day	2024-05-10 14:47:50	-	0/3	11 MB/Unlimited	1 Mbps	1 Mbps	Not Activated	\square	Ū
	test64	-	***** 🛩	account_64kb	30 Minutes	2023-01-31 13:35:43	2023-01-31 14:05:56	1/3	14 MB/100 MB	64 Kbps	64 Kbps	Depleted	\square	Ū
	test5	-	***** 🛩	account_5M	30 Minutes	2023-01-31 11:33:42	2023-01-31 12:04:46	0/3	7 MB/100 MB	5 Mbps	512 Kbps	Depleted	\square	Ū
	test	-	***** 🛩	no_limit	30 Minutes	2023-01-31 11:02:22	2023-01-31 13:39:28	0/3	52 MB/100 MB	Unlimited	Unlimited	Depleted		Ū
	test256	-	****** 🛩	account_256kb	30 Minutes	2023-01-31 11:02:09	2023-01-31 11:45:15	0/3	3 MB/100 MB	256 Kbps	256 Kbps	Depleted	\mathbb{Z}	Ū

With the account authentication enabled, clients will be required to enter the account name and password, and the click Login to access the network when they connect to the SSID.



5.6 Configuring PPSK

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".

The main tasks of the PPSK administrator are:

- Log in to Ruijie JaCS and deploy the network, so that APs can access the Ruijie JaCS.
- 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 batches.

Staffs can connect to the SSID with a unique WiFi key allocated by the administrator to access the Internet.

The specific configuration steps are as follows:

1 Select the project to be configured, and click **Device Config > Basic**.

Ruijie 💩	🗋 Dashboard 😨	Project 🔐						٩		
& Hotel1										
Dverview							Sav	e	Mo	re 🕶
 Devices 	Wireless Configur	ation								^
🖙 Client	SSID O									
Smart Simplicity	WLAN ID	SSID	Encryption Mode	Hidden	Forward Mode	Radio	Auth Mode		Action	
RE Planning	1	Hotel1	Open	No	Bridge	1,2	Auth Disabled		C 🗊	
 Roaming 	First Previous	Page 1	of 1 Next	Last					10 🔊 1	lotal: 1
Configuration	Radio									
E Device Config →	Radio1(2.4GHz) 🕜		Rad	io2(5GHz)		Radio3 🕼	(2.4GHz or 5GHz)	🕑 Sci	an 🔿 Ac	cess
Auth & Account >	ON/OFF		ON	I/OFF		ON/OFF	c)			

2 Click ● to add a new SSID or click the ^[] to modify an existing SSID. In the SSID configuration page, set the encryption mode of the SSID PPSK, and then click **OK**.

SSID				\times
WLAN ID	2	▶ Hidden	No]
SSID	SSID-TEST	Forward Mode @	Bridge 🗸]
Encryption Mode	PPSK	VLAN ID	1]
		Radio	☑ Radio1(2.4GHz) ☑ Radio2(5GHz) ☐ Radio3 ❷ (2.4GHz or 5GHz)	
5G-Prior Access @	\bigcirc			
Speed Limit per Client				
Speed Limit by SSID @				
Auth	Jeta			
		OK Cancel		

3 After the configuring the SSID, click **Auth&Account** > **PPSK** to enter the PPSK configuration interface.

Ruijie 💩	🗅 Dashboard 😚 Project 🔀	Al Assistant			٩	0	% X	: L
å Hotel1 ∨								
D Overview	PPSK					е	2	± -
 Devices 	Add Account Delete 0 Selected			Account	Client MAC		Q Sea	rch
🖙 Client	Account	Client MAC	WiFi Key	Created at		Action		
Smart Simplicity			county rease wate					
중 RF Planning								
Roaming								
Configuration								
✤ Device Config >								
Auth & Account >								

4 Click Add Account to enter the creation interface.

PPSK					C 🖄 👫 🗸
Add Acco	Delete 0 Selected			Account	Client MAC Q Search
	Account	Client MAC	WiFi Key	Created at	Action
			No Data		
First	Previous Page 0 of 0	Next Last			10 * Total: 0

- Creating account in batches:
 - 1) Click **Download Template** to download the batch configuration template.
 - 2) After filling in the account information in the template, click ".xls" File to upload the template.

Download and fill in the templa	te.Up to 500 records can be imported
".xls" File	Download Template

- Create a single account:
 - 1) Click Add Account.

Add Account		\times
Download and	d fill in the template.Up to 500 records can be imported	
	".xls" File Download Template	
Add Account		Close

2) Enter the account name (up to 32 characters can be entered), and then click **OK**. To add multiple accounts, click + to add them.

Add Account				\times
	Account:) <u>m</u> +		
Batch Import			ок	Close

3) When the "Add operation succeeded" prompt appears, the operation is completed. The added account will be displayed in the PPSK list.

Message	\times
Add operation succeeded	

5 Enter the MAC address, and then click **Bind** to bind the MAC address. If the MAC address is not bound, the configuration will not take effect on any client.

PPSK							0 ⊄ # - №
Add Acc	Delete 0 Selected				Account	Client MAC	Q Search
	Account	Client MAC		WiFi Key	Create	d at	Action
	ppsk_test1	Format:ffff.ffff.ffff	Bind	v4ib449p	2023-04-19	15:59:02	ē
First	Previous Page 1 of 1	Next					10 Total: 1



PPSK Synchronize Log		×
Synced: 0 Syncing: 0 SN	Unsupported: 2 Failed: 0 Status	Update Time
G1PD8PW028735 G1RP3LM048296	NOT_CONFIG_SSID	2023-04-19 15:59:01 2023-04-19 15:59:02
First Previous Pag	e 1 of 1 Next	Last 10 Total: 2

6 Device Upgrade

Ruijie JaCS supports online upgrade of device firmware. Administrators can easily manage firmware versions on the project, upgrade devices or view firmware versions through the JaCS.

Rujje 💩	🗋 Dashboard 🕅	Project 88	AI Assist	tant				© @) 🛪 🗙 🚺
😹 default 🗸 🗸									
Devices	Top Versions				Firmware Vers	ion List		Firmware Versio	on Q
Client						Fir	mware Version		Device
Smart Simplicity				No Version Info	UNKNOWN				6
Smarc Simplicity				XS1930J_RGOS 11.4(1)B	AP_RGOS 11.9(4)B	1P5, Release(09151815)			2
RF Planning				AP_RGOS 11.9(4)B1P5,	XS1930J_RGOS 11	.4(1)B70P18, Release(0920	00915)		1
Roaming				MA_1.3(1)B10, Release	MA_1.3(1)B10, Rel	ease(12130915), Revisioni	(202818008)		1
Configuration						Previous Pag	e 1 of 1	Next	
≅ Device Config >									
Auth & Account >	1								o
Monitoring	Device List	_							0 # •
ា៍ Network Details >	Upgrade Upgrade	All 0 Selected					SN, Alias, Descript	on Q Adva	inced Search \vee
Alarms	Status	SN	Project	Alias	•	Model	Hardware Version		Current Version
➡ Aldinis	Offline	12349425A0A17	default	1930-18poe-18e		XS-S1930J-18GT2S	FP-P V1	XS1930J_RGOS 1	1.4(1)B70P18, Relea
🖬 Logs 🔹 🕨	© Offline	G1PD8PW028735	default	asdf		AP180-AC	2.00	AP_RGOS 11.	9(4)B1P5, Release(C
Upgrade	© Offline	G1RP3LM048296	default			AP180-PE	2.00	AP_RGOS 11.	9(4)B1P5, Release(C
@ Firmware	Not Online Vet	GIKPBXX030323	default	AP180_jilei		KG-AP180-AC	V4	MA_1.3(1)B10, Relea	ise(12130915), Revi
e minimale	Not Online Vet	ASDAASDFF	default	1234567890123456789012345678901234	4567890123456789012345678901	234			
Upgrade	Not Online Yet	ASDFASDF1233222	default	asdfasdfas222					
	-								

Modules	Description
Top Version	Displays the top 5 firmware versions in the current project.
Firmware Version List	Displays the firmware versions available in the project and the number of devices to which the firmware version can be applied.
Device List	Displays the device information in the current project. You can perform online firmware upgrades on the device in this interface.

6.1 Upgrading Devices

Follow the steps below to upgrade a small number of devices:

1 Select the device to be upgraded, and then click **Upgrade**.

De	vice List							C	:
U	grade Up	grade All 1 Select	ted				S	N, Alias, Description Q Advanced Sea	arch \vee
	Status	SN	Project	Alias	Model	Hardware Version	Current Version	Recommended Version	Des
	📀 Online	G1QH5SS000158	Japan Office	Ruijie	XS-S1930J-8GT2SFP-P	1.00	XS1930J_RGOS 11.4(1)B70P18, Release(09200819)	XS1930J_RGOS 11.4(1)B70P18, Release(10201612)	
	🕑 Online	G1QD4UU003617	Japan Office	AP01	AP850-I(V2)	1.00	AP_RGOS 11.9(6)W3B13, Release(10211903)	AP_RGOS 11.9(6)B1, Release(08130813)	Hotspc
	🕑 Online	E187360129622	Japan Office	-	EG5210-JP	1.00	EG_RGOS 11.9(6)B13P4, Release(09240912)		
	Online 📀	G1RP5EB02911C	Japan Office	AP02	AP880-AR	1.00	AP_RGOS 11.9(6)W1B2, Release(09160213)		
	Offline 8	G1QH9MK010455	Japan Office	Japanoffice	XS-S1930J-8GT2SFP	1.00	XS1930J_RGOS 11.4(1)B70P18, Release(09231020)	XS1930J_RGOS 11.4(1)B70P18, Release(10201612)	

2 Select the firmware version, and set a scheduled upgrade time if it is needed.

Upgrade
Check in Project > Monitoring >Logs >Upgrade Log
SN: G1QH5SS000158 Model: XS-S1930J-8GT2SFP-P Hardware Version: 1.00 Current Version: XS1930J_RGOS 11.4(1)B70P18, Release(0 ×
Upgrade Version: XS1930J_RGOS 11.4(1)B70P18, Release(10201612) Firmware Details ~ Select Firmware Details ~ Upgrade Device: 1
Scheduled Upgrade
Start Date 2024/11/14 Image 00 ▼ : 00 ▼ : 50 ▼
Advanced Settings ~
Start Upgrade Cancel
Select Firmware
Cloud Firmware Private Firmware
Selected Cloud Firmware: XS1930J_RGOS 11.4(1)B70P18, Release(10201612)
Firmware Version File Size (MB) Applicable Model Released at Release Note
XS1930J_RGOS 11.4(1)870P18, Release(10201612) 22.21 DG-S1930K-8GP2S-120W::V1,NBS2028G-E 2023-12-11 17:29:17 Release reason: solve the problem that the
First Previous Page 1 Next Last
OK Cancel
Here Description

Items	Description
Upgrade Version	If the system has a recommended firmware version, it will be selected by default and displayed here. If there is no recommended version, you need to click Select Firmware and select the version you need.
Firmware Details	Click Firmware Details to display the information of the selected firmware version.
Scheduled Upgrade	Scheduled upgrade function. This function is disabled by default. After enabling it, you need to set the time period, so that the system will upgrade devices one by one from the start time. The upgrade interval for each device is equal to the set time period divided by the number of devices.
Max Retry Times	After clicking Advanced Settings , you can set the number of upgrade retries. The default number of retries is 5.

3 After selecting the firmware version for upgrading, click **Start Upgrade**.

Upgrade
Check in Maintenance > Log >Upgrade Log
SN: G234942575183 Model: RG-AP850-I-JPV2 Hardware Version: 1.00 Current Version: AP_RGOS 11.9(6)B1P6S2, Release(082013 🗙
Upgrade Version: AP_RGOS 11.9(6)W3B1, Release(11160200) Firmware Details >> Upgrade Device: 1
Scheduled Upgrade
Start Date 2024/06/14 □ Time Range 00 • : 00 • to 23 • : 50 •
Advanced Settings ∨
Start Upgrade Cancel

4 When the prompt appears, click **X** to close the prompt box to complete the upgrade task creation.

Message	\times
The upgrade task has been created. Pleas	е
check Upgrade Log for details.	

After the operation task is created, you can click **Logs** > **Upgrade Log** to go to the upgrade log interface. The created upgrade task will be displayed in the log list. Click the three buttons in the **Action** column to view, cancel, and retry the upgrade task.

Upgrade	e Log					0 # - X
				Started at	Ended at	Q Search
Operate	r Description	Target Version	Process	Time	Result (Success/Failure/Aborted)	Action
alert("tes	t*) Upgrade selected 1 device(s)	AP_RGOS 11.9(6)W3B1, Release(11160200)	0/ 1	2024-06-14 18:29:29	0/0/0	5 G C
alert("tes	t*) Upgrade selected 1 device(s)	AP_RGOS 11.9(6)B1P6S2, Release(08201318)	1/1	2024-06-14 15:49:48	1/0/0	E 6 c
alert("tes	t*) Upgrade selected 1 device(s)	MA_1.3(1)B11, Release(11181211), Revision(1c7f7b3c5)	1/1	2024-06-12 12:30:45	1/0/0	E 6 c
alert("tes	t*) Upgrade selected 1 device(s)	AP_RGOS 11.9(4)B1P7, Release(09151815)	1/1	2024-06-11 12:01:07	1/0/0	E 6 e
alert("tes	t*) Upgrade selected 1 device(s)	MA_1.3(1)B10P1, Release(11180714), Revision(7d14e0d8a)	1/1	2024-06-07 16:39:06	1/0/0	E 6 e
alert("tes	t*) Upgrade selected 1 device(s)	AP_RGOS 11.9(4)B1P5, Release(09151815)	1/1	2024-05-27 16:39:32	1/0/0	E 6 e
alert("tes	t*) Upgrade selected 1 device(s)	AP_RGOS 11.9(4)B1P5, Release(09151815)	1/1	2024-05-27 15:49:10	0/0/1	E 6 e
alert("tes	t") Upgrade selected 1 device(s)	HS2310_RGOS 11.4(1)B90, Release(11152116)	1/1	2024-03-25 10:57:29	1/0/0	E 6 e
alert("tes	t*) Upgrade selected 1 device(s)	EG_RGOS 11.9(6)B13P4, Release(09240622)	1/1	2024-02-28 15:06:30	1/0/0	E 6 e
alert("tes	t*) Upgrade selected 1 device(s)	MA_1.3(1)B8P1, Release(11142512), Revision(d4da55e40)	1/1	2024-02-27 12:00:58	1/0/0	E 6 e
First	Previous Page 1 of 22	Next Last			C	10 - Total: 218

Buttons	Description
	Click this icon to view the details of an upgrade task.
6	Click this icon to cancel an upgrade task.
е	Click this icon to try an upgrade again.

6.1.1 Upgrading Devices in Batches

To upgrade all devices in the project:

1 Select the project where the devices reside.

i cuijie 📼	Dashboard	Project 8	B AI As	sistant				¢ ()	*A X
♣ Lite-PON ∨ ■ Devices	Top Versions					Firmware Version List		Firmware Version	Q
© Client							Firmware Version		Device
Smart Simplicity				MF3 3.1 1	35P2 Beta	MF3_3.1_1_B5P2_Beta, Release(1213160	07), Revision(d98b04781)		56
	1 1			No Version	Info	UNKNOWN	n n di coclouico		4
중 RF Planning				XS1930J_RG	OS 11.4(1)B No Version Info	X519301 RGOS 11 4(1)870P18 Release	(10201612)		2
Roaming				other	55F2_beta,	MF1 3.1 1 B5P1, Release(11172306), Re	evision(34bee2376)		1
Configuration									
						Previous	Page 1 of 2	Next	
Device Config							rugeor L		
✤ Device Config >							ingeore		
In the second second							rugu <u>r</u> ugu ur s		•
 Device Config > Auth & Account > Monitoring 	Device List						rege rege a		с н.
 Device Config → Auth & Account → Monitoring Metwork Details → 	Device List	de All 0 Selected					SN, Alias, Description	n Q Advance	C ∎ + d Search ∨
Device Config Auth & Account Monitoring M Network Details	Device List Upgrade Upgrade Status	de All 0 Selected	Project	Alias Model	Hardware Version	Current Version	SN, Alias, Description Recommend	n Q Advance	C ∎ - d Search ∽ n Action
E Device Config → Auth & Account → Monitoring Network Details → Alarms	Device List Upgrade Upgrad Status Online	de All 0 Selected SN 30160600000131	Project /	Alias Model - RG-MU306	Hardware Version 4 1.00	Current Version MF3_3.1_1_B5P2_Beta_Release(12131607), Revision(SN, Alias, Description Recommend d98b04781)	n Q Advance	C ■ C d Search ∨ n Action Upgrade
 Device Config > Auth & Account > Monitoring Network Details > Alarms Logs > 	Device List Upgrade Upgra Status Online	de All 0 Selected SN 301606000000131 301606000000141	Project J Lite-PON Lite-PON	Alias Model - RG-MU306 - RG-MU306	Hardware Version 4 1.00 4 1.00	Current Version MF3_3.1_1_B5P2_Beta. Release(12131607), Revision(MF3_3.1_1_B5P2_Beta. Release(12131607), Revision(SN, Allas, Description Recommend d98b04781) - d98b04781) -	n Q Advance	C T
E Device Config → Auth & Account → Monitoring M Network Details → Alarms Logs →	Device List Upgrade Upgrade Upgrade Status Online Online Online Online Online	de All 0 Selected SN 30160600000131 30160600000141 30160600000160	Project d Lite-PON Lite-PON Lite-PON	Alias Model - RG-MU306 - RG-MU306 - RG-MU306	Hardware Version 4 1.00 4 1.00 4 1.00	Current Version MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(SN, Allas, Description Recommend d98b04781) - d98b04781) -	n Q Advance	C III - d Search ~ Action Upgrade Upgrade
E Device Config → Auth & Account → Monitoring Network Details → Alarms Logs → Jpgrade	Device List Upgrade Upgra Status Online Online Online Online	de All 0 Selected SN 30160600000131 30160600000131 30160600000141 301606000000101 30160600000144	Project / Lite-PON Lite-PON Lite-PON Lite-PON	Alias Model - RG-MU306 - RG-MU306 - RG-MU306 - RG-MU306	Hardware Version 4 1.00 4 1.00 4 1.00 4 1.00	Current Version MF3_3.1_1_55P2_Beta, Release(12131607), Revision(MF3_3.1_1_85P2_Beta, Release(12131607), Revision(MF3_3.1_1_85P2_Beta, Release(12131607), Revision(SN, Allas, Description Recommend d98b04781) d98b04781) d98b04781)	n Q Advance	C III - d Search ~ Action Upgrade Upgrade Upgrade
E Device Config → Auth & Account → Monitoring fil Network Details → Alarms Logs → Upgrade Ø Firmware	Device List Upgrade Upgrae Status Online Online Online Online	de All 0 Selected sN 3016060000111 30160600000160 30160600000160 30160600000160	Project J Lite-PON Lite-PON Lite-PON Lite-PON Lite-PON	Alias Model - RG-MU306 - RG-MU306	Hardware Version 4 1.00 4 1.00 4 1.00 4 1.00 4 1.00 4 1.00	Current Version MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(SN, Alias, Description Recommend d98b04781) - d98b04781) - d98b04781) - d98b04781) - d98b04781) -	n Q Advance	C III
 E Device Config > Auth & Account > Auth & Account > Anontoring if Network Details > Alarms Logs > Logs > Iograde Ø Firmware O Upgrade 	Device List Upgrade Upgrad Status Online Online Online Online Online Online	de All 0 Selected SN 3016060000131 30160600000141 30160600000143 30160600000143	Project / Lite-PON Lite-PON Lite-PON Lite-PON Lite-PON Lite-PON	Alias Model - RG-MU306 - RG-MU306 - RG-MU306 - RG-MU306 - RG-MU306 - RG-MU306	Hardware Version 4 1.00 4 1.00 4 1.00 4 1.00 4 1.00 4 1.00 4 1.00	Current Version MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(SN, Allas, Description Recommend d98b04781) - d98b04781) - d98b04781) - d98b04781) - d98b04781) - d98b04781) -	n Q Advance	C T Action Action Upgrade Upgrade Upgrade Upgrade Upgrade

2 Click Upgrade All.

Dev	ce List								С 👯 -
Upgi	ade Upgr	ade All 0 Selected					SN,	Alias, Description Q	Advanced Search \vee
	Status	SN	Project	Alias	Model	Hardware Version	Current Version	Recommended Version	Description Action
	😔 Online	30160600000131	Lite-PON	-	RG-MU3064	1.00	MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(d98b04781)	-	Upgrade
	📀 Online	30160600000141	Lite-PON	-	RG-MU3064	1.00	MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(d98b04781)	-	Upgrade
	🕑 Online	301606000000160	Lite-PON	-	RG-MU3064	1.00	MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(d98b04781)	-	Upgrade
	🕑 Online	30160600000144	Lite-PON	-	RG-MU3064	1.00	MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(d98b04781)	-	Upgrade
	📀 Online	30160600000139	Lite-PON	-	RG-MU3064	1.00	MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(d98b04781)	-	Upgrade
	📀 Online	301606000000153	Lite-PON	-	RG-MU3064	1.00	MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(d98b04781)	-	Upgrade
	📀 Online	301606000000132	Lite-PON	-	RG-MU3064	1.00	MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(d98b04781)	-	Upgrade
	😔 Online	301606000000112	Lite-PON	-	RG-MU3064	1.00	MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(d98b04781)	-	Upgrade
	Online	301606000000122	Lite-PON	-	RG-MU3064	1.00	MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(d98b04781)	-	Upgrade
	🕑 Online	301606000000130	Lite-PON	-	RG-MU3064	1.00	MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(d98b04781)	-	Upgrade

Select the firmware versions for the devices, and set the scheduled upgrade and upgrade retry times as needed.
 If the device is offline, the upgrade task will be executed after the device goes online.
 Upgrade

SN: 1234942570061	Model: XS-S1930J-24GT4SFP Hardware Version: 1.00 Current Version: XS1930J_RGOS 11.4(1)B70P18, Release(1 ×	
Upgrade Version: Plea	e select a firmware version.	Select Firmware
Upgrade Device: 1		
SN: 30160500000888	Model: RG-MT3002 Hardware Version: V1.00 Current Version: MF1_3.1_1_B5P1, Release(11152314), Re ×	
Upgrade Version: Plea	e select a firmware version.	Select Firmware
Upgrade Device: 1		
SN: 30160500000888	Model: RG-MT3002 Hardware Version: V1.00 Current Version: MF1_3.1_1_B5P1, Release(11152314), Re 🛪	
Upgrade Version: Plea	e select a firmware version.	Select Firmware
Upgrade Device: 1		

Items	Description
Upgrade Version	If the system has a recommended firmware version, it will be selected by default and displayed here. If there is no recommended version, you need to click Select Firmware to select the version you need.
Firmware Details	Click the Firmware Details to display the information of the selected firmware version.
Scheduled Upgrade	Scheduled upgrade function. This function is disabled by default. After enabling it, you need to set the time period.
Max Retry Times	After clicking Advanced Settings , you can set the number of upgrade retries. The default number of retries is 5.

4 After selecting the firmware, click **Start Upgrade**.

SN: 301605000000087 Model: RG-MT3002 Hardware Version: V1.00 Current Version: MF1_3.1_1_B5P1_Beta, Release(11242506 ×	
Upgrade Version: MF1_3.1_1_B5P1, Release(11181406), Revision(71585d525) Firmware Details ~ Upgrade Device: 1	Select Firmware
SN: G1TT5B7000176 Model: RG-MT3002 Hardware Version: 1.00 Current Version: MF1_3.1_1_B5P2_Beta, Release(12131615 ×	
Upgrade Version: MF1_3.1_1_B5P1_Beta, Release(11242315), Revision(65071ce59) Firmware Details >>	Select Firmware
Upgrade Device: 1	
SN: 301605000000025 Model: RG-MT3002 Hardware Version: V1.00 Current Version: MF1_3.1_1_B5P2_Beta, Release(12131615 ×	
Upgrade Version: MF1_3.1_1_B5P1, Release(11181406), Revision(71585d525) Firmware Details ×	Select Firmware
Upgrade Device: 1	
SN: G1TT6B1000193,301606 Model: RG-MU3064 Hardware Version: 1.00 Current Version: MF3_3.1_1_B5P2_Beta, Release(12131607 ×	
Upgrade Version: MF3_3.1_1_B5P2_Beta, Release(12131607), Revision(d98b04781) Firmware Details 🗸	Select Firmware
Upgrade Device: 54	
SN: 301606444488150,3016 Model: RG-MU3064 Hardware Version: V1.00 Current Version: MF3_3.1_1_B5P2_Beta, Release(12131607 ×	
Upgrade Version: MF3_3.1_1_B5P1, Release(11181406), Revision(acce7630b) Firmware Details ~	Select Firmware
Upgrade Device: 2	
Scheduled Upgrade	
dvanced Settings 🗸	
Cont House Count	
Start Upgrade Cancel	

5 When the prompt appears, click **X** to close the prompt box to complete the upgrade task creation.



After the upgrade task is created, you can click **Logs** > **Upgrade Log** to go to the upgrade log interface. The created upgrade task will be displayed in the log list. Three buttons are available in the **Action** column for you to view, cancel, and retry the upgrade task.

Upprade Log						0
1 - 1 - 1				Started a	t 🔟 Ended at	Q Search
Operator	Description	Target Version	Process	Time	Result (Success/Failure/Aborted)	Action
alert("test")	Upgrade selected 1 device(s)	\$29_RGOS 11.4(1)870P1, Release(06192610)	0/1	2024-06-14 18:44:37	0/0/0	E @ C
alert("test")	Upgrade selected 1 device(s)	EG_RGOS 11.9(6)B13P4, Release(10142718)	0/1	2024-06-14 18:44:37	0/0/0	E G C
alert("test")	Upgrade selected 1 device(s)	EG_RGOS 11.9(6)B13P4, Release(10142718)	0/1	2024-06-14 18:44:36	0/0/0	E @ c
alert("test")	Upgrade selected 1 device(s)	EG RGOS 11.9(1)B1153, Release(07242723)	0/1	2024-06-14 18:44:36	0/0/0	EGe
alert("test")	Upgrade selected 1 device(s)	AP_RGOS 11.9(6)W3B1, Release(11160200)	1/1	2024-06-14 18:29:29	1/0/0	E G C
alert("test")	Upgrade selected 1 device(s)	AP_RGOS 11.9(6)B1P6S2, Release(08201318)	1/1	2024-06-14 15:49:48	1/0/0	E G C
alert("test")	Upgrade selected 1 device(s)	MA_1.3(1)B11, Release(11181211), Revision(1c7f7b3c5)	1/1	2024-06-12 12:30:45	1/0/0	E G C
alert("test")	Upgrade selected 1 device(s)	AP_RGOS 11.9(4)B1P7, Release(09151815)	1/1	2024-06-11 12:01:07	1/0/0	E G C
alert("test")	Upgrade selected 1 device(s)	MA_1.3(1)B10P1, Release(11180714), Revision(7d14e0d8a)	1/1	2024-06-07 16:39:06	1/0/0	0 G C
alert("test")	Upgrade selected 1 device(s)	AP_RGOS 11.9(4)B1P5, Release(09151815)	1/1	2024-05-27 16:39:32	1/0/0	E G C
First Pre	vious Page 1 of 23	Next Last				10 • Total: 222

Buttons	Description
	Click this button to view the upgrade task details, including the upgrade results, and the description of the failure.
61	Click this button to cancel the upgrade task.
e	Click this button to try the upgrade again.

6.1.2 Setting Upgrade Policies

Ruijie JaCS supports creating upgrade policies for MA series access points, AP180 series access point and RG-HA3515-DG. This function allows you to upgrade the devices of these models in a project at specific time.

D Note

- Subaccounts do not support creating upgrade policies.
- Upgrade policies cannot be applied to devices in a shared project.
- 1 Click Upgrade Policy in the Dashboard interface.

Ruífie 🖾	🗋 Da	shboard 😚 Pro	ject 🏼 🔀 Al Assistant						\$ 0 X	x X (
All Projects 419	×	All Devices 4,132	Ala 17	rms						
My Created(419) ⊙ Import	My Received (1	up Management	Template Management	1 Upgrade Policy	oject Name	٩			() (<u>ī</u>
Project Name	÷ Alarms	АР	Switch	G.hn	OLT	ONU	Gateway	Created Tim	Actions	
1234567890@#=	·/ 0	0/0	0/0	0/0	0/0	0/0	0/0	2025-01-14 17 🕣	2 <	0 :

2 Click Add to enter the policy adding interface.

Upgrade Policy List						¢0 C
Add					Po	icy Name Q
Policy Name	Model	Number of Version(s)	Status	Scheduled Time	Created Time	Action
V1.5.2-TEST	RG-MA2810	(2)		00:50	2023-09-14 10:36:38	ふ 区 前
V1.5.2-CONFIRM	AP180(JA)	(35)		06:30	2023-05-30 15:34:55	ふ 区 前
V1.4.8テスト123	AP180-PE	(3)		11:50	2023-05-30 11:42:52	ふ 区 前
V1.5.1-TEST	AP180(JP)	(12)		21:50	2023-05-30 11:27:28	き区 前
V1.4.8-TEST3	AP180-AC	(5)	\bigcirc	04:30	2023-05-30 15:30:28	き区 前
First Previous	Page 1 of 1	Next Last				10 Total: 5

3 Set the policy name, the project to which the policy applies, the model, and the scheduled time.

Add		×			
Policy Name Project Model Scheduled Time	* Select a device model. 00 v: 50 v* current version is the same as the target version, it will be ignored when	 Tips Please select the project to which the upgrade policy is applied. Please select the device model, and select firmware for different hardware and software of devices. Please specify a specific time in a day to make upgrade policy take effect. Then, JaCS will upgrade the firmware of devices at the time you set. 			
Hardware Version	Current Version	Target Version			
	No Data				
OK Cancel					
Items	Description				
Policy Name Required. Set the upgrade policy name. The length of a policy name should range from 1 to 64 characters. Numbers, letters, spaces, and special symbols (-, _, , #, /, ., [], (), =, :, + or @) are supported.					

Project	Required. Click the \square icon to select the project where the device resides. Click \square to select a project set in an existing policy.
Model	Required. Select the device model to which the upgrade policy is applied. Only supports MA series access points, AP180 series access points and RG-HA3515-DG. After selecting a model, the upgrade policy will be applied to all devices of this model in the project.
Scheduled Time	Required. Set the time for scheduled upgrade.
Version List	Required. Select the firmware version. The version displayed in the Target Version column is the recommended version. If you do not want the recommended version, you can click the C icon to modify it.

4 After configuring the policy, click **OK**.

Add		×			
Policy Name	TEST *	(i) Tips 1. Please select the network to which the upgrade policy is applied.			
Network	outdoor,hotel2,V1.4.7_ネットワーク管理测试 * C つ	Please select the device model, and select firmware for differen hardware and software of devices.			
Model AP180-AC 💙		 Please specify a specific time in a day to make upgrade policy take effect. Then, JaCS will upgrade the firmware of devices at the time you set. 			
Scheduled Time	00 • : 50 • *				
Version List 0 If the c	urrent version is the same as the target version, it will be ignored w	then you save the configurations			
Hardware Version	Current Version	Target Version			
0 1.00	AP_RGOS 11.9(4)B1P3, Release(08193016)	AP_RGOS 11.9(4)B1P5, Release(09151815) 📟 🗹			
2.00	AP_RGOS 11.9(4)B1P5, Release(08242912)	AP_RGOS 11.9(4)B1P5, Release(09151815) 🚥 🛛			
3.00	AP_RGOS 11.9(4)B1P5, Release(08242912)	AP_RGOS 11.9(4)B1P7, Release(09151815) 📟 🗹			
2.00	AP_RGOS 11.9(4)B1P5, Release(09151815)	AP_RGOS 11.9(4)B1P5, Release(09151815) 📟 🔀			
3.00	AP_RGOS 11.9(4)B1P5, Release(09151815)	AP_RGOS 11.9(4)B1P7, Release(09151815) 📟 🗹			
2.00	AP_RGOS 11.9(4)B1P6, Release(09162204)	AP_RGOS 11.9(4)B1P5, Release(09151815) 🚥 🖸			
2.00	AP_RGOS 11.9(4)B1P6, Release(09200918)	AP_RGOS 11.9(4)B1P5, Release(09151815)			
2.00	AP_RGOS 11.9(4)B1P7, Release(09151815)	AP_RGOS 11.9(4)B1P5, Release(09151815) 🚥 🗹			
3.00	AP_RGOS 11.9(4)B1P7, Release(09151815)	AP_RGOS 11.9(4)B1P7, Release(09151815)			
2.00	AP_RGOS 11.9(4)B1P8, Release(09151815)	AP_RGOS 11.9(4)B1P5, Release(09151815)			
		OK Cancel			

5 When the operation confirmation prompt appears, click **OK**.

Message	×
Are you sure you war	nt to save the policy?
ОК	Cancel

6 When the "Success" prompt appears, click **X** to close the prompt box and complete the operation.

Message		×
	Success	

Once an upgrade policy is created, it appears in the upgrade policy list and is disabled by default. When enabled, JaCS will upgrade the devices in the specified project at the scheduled time, following the policy's configured settings.

(i) Tips After setting an upgrade policy for a device m	odel, JaCS will upgrade the firmware	version to the specified version at the sch	eduled time. Firmware upgrade	e is performed only on the online devices with the firmwa	re version that is different from that set in the policy.				
Upprade Policy List									
Add					P	olicy Name	Q Search		
Policy Name	Model	Number of Version(s)	Status	Scheduled Time	Created Time	Action			
TEST	AP180-AC	(1)		00:50	2024-06-14 19:42:10	A 🗹 🗉			
V1.4.8_TEST2112	AP180(JA)	(37)		09:30	2023-05-31 10:36:24	▲ 区 直			
V1.4.8_TEST	AP180(JP)	(12)		15:00	2023-05-31 10:34:41	A 🗹 🗓			

6.1.3 Firmware Management

Click **Project** to go to the project interface. After selecting a project, click **Firmware** to manage the firmware in the specified project. The firmware management interface consists of two parts: **Version Details** and **Private Firmware**.

Rujje 💩	🗋 Dashboard 🗊 Proje	ct 88 Al Assistant			٥	() ×	× L
å Lite-PON ∨							
Dverview	Version Details Private	irmware					
 Devices 						с	 -
🗇 Client							Q
Smart Simplicity	Model	Current Version	Hardware Version	Devices	Recommended Version	Actio	n
	AP180-PE	AP_RGOS 11.9(4)B1P5, Release(09151815)	3.00	3	AP_RGOS 11.9(4)B1P7, Release(09151815)	Go To Up	grade
	RG-MA2610-PE	MA_1.0(1)B2P1, Release(09151507), Revision(5077)G	1.00	2	MA_1.0(1)B2P1, Release(09212313), Revision(5215)G	Go To Up	grade
W Roaming	RG-HA3515-DG	MA_1.3(1)B9P2, Release(11132617), Revision(1b2556fac)	V1	1	MA_1.3(1)B9P1, Release(10222414), Revision(9c360d32f)	Go To Up	grade
Configuration	RG-MA2610-PE	MA_1.3(1)B5P9, Release(10151720), Revision(a8980da77)	2.00	1	MA_1.3(1)B8P1, Release(11142512), Revision(d4da55e40)	Go To Up	grade
表 Device Confi	RG-MA2610-PE	MA_1.3(1)B5P9, Release(10152410), Revision(f41cbdfd2)	2.00	1	MA_1.3(1)B8P1, Release(11142512), Revision(d4da55e40)	Go To Up	grade
	XS-S1930J-24GT4SFP/2GT-P	XS1930J_RGOS 11.4(1)B70P18, Release(09200417)	1.00	1	XS1930J_RGOS 11.4(1)B70P18, Release(10201612)	Go To Up	grade
Auth & Account >	XS-S1930J-18GT2SFP-P	XS1930J_RGOS 11.4(1)B70P18, Release(09222713)	1.20	1	XS1930J_RGOS 11.4(1)B70P18, Release(10201612)	Go To Up	grade
Monitoring	XS-S1930J-18GT2SFP-P	XS1930J_RGOS 11.4(1)B70P18, Release(09231020)	1.20	1	XS1930J_RGOS 11.4(1)B70P18, Release(10201612)	Go To Up	grade
monitoring	RG-MA2610-AC	MA_1.1(1)B5P6, Release(09183016), Revision(2f9fbec1b)	2.00	1	MA_1.3(1)B8P1, Release(11142512), Revision(d4da55e40)	Go To Up	grade
🛍 Network Det Is 🕨	AP180(JP)	AP_RGOS 11.9(4)B1P6, Release(09200918)	1.00	1	AP_RGOS 11.9(4)B1P5, Release(09151815)	Go To Up	grade
Alarms	First Previous Page	1 of 8 Next Last				10 . To	tal: 74
🗉 Logs 📃 🕨							
Upgrade							
Ø Firmware							

Version Details displays the firmware versions installed on all devices in this project. Click **Go To Upgrade** in the **Action** column to go to the upgrade interface. For detailed upgrade steps, please refer to <u>Section 6.1</u>.

Private	Firmware				
					C #
Model	Current Version	Hardware Version	Devices	Recommended Version	Action
AP180-PE	AP_RGOS 11.9(4)B1P5, Release(09151815)	3.00	3	AP_RGOS 11.9(4)B1P7, Release(09151815)	Go To Upgrade
RG-MA2610-PE	MA_1.0(1)B2P1, Release(09151507), Revision(5077)G	1.00	2	MA_1.0(1)B2P1, Release(09212313), Revision(5215)G	Go To Upgrade
RG-HA3515-DG	MA_1.3(1)B9P2, Release(11132617), Revision(1b2556fac)	V1	1	MA_1.3(1)B9P1, Release(10222414), Revision(9c360d32f)	Go To Upgrad
RG-MA2610-PE	MA_1.3(1)B5P9, Release(10151720), Revision(a8980da77)	2.00	1	MA_1.3(1)B8P1, Release(11142512), Revision(d4da55e40)	Go To Upgrad
RG-MA2610-PE	MA_1.3(1)B5P9, Release(10152410), Revision(f41cbdfd2)	2.00	1	MA_1.3(1)B8P1, Release(11142512), Revision(d4da55e40)	Go To Upgrad
XS-S1930J-24GT4SFP/2GT-P	XS1930J_RGOS 11.4(1)B70P18, Release(09200417)	1.00	1	XS1930J_RGOS 11.4(1)B70P18, Release(10201612)	Go To Upgrad
XS-S1930J-18GT2SFP-P	XS1930J_RGOS 11.4(1)B70P18, Release(09222713)	1.20	1	XS1930J_RGOS 11.4(1)B70P18, Release(10201612)	Go To Upgrade
XS-S1930J-18GT2SFP-P	XS1930J_RGOS 11.4(1)B70P18, Release(09231020)	1.20	1	XS1930J_RGOS 11.4(1)B70P18, Release(10201612)	Go To Upgrad
RG-MA2610-AC	MA_1.1(1)B5P6, Release(09183016), Revision(2f9fbec1b)	2.00	1	MA_1.3(1)B8P1, Release(11142512), Revision(d4da55e40)	Go To Upgrad
AP180(JP)	AP_RGOS 11.9(4)B1P6, Release(09200918)	1.00	1	AP_RGOS 11.9(4)B1P5, Release(09151815)	Go To Upgrad

Private Firmware list displays the private firmware uploaded by all accounts under the tenant.

					С	#
pl	Delete 0 Selected					C
	Firmware Version	File	File Size (MB)	Applicable Model	Uploaded at	R
	MF3_3.1_1_B5P1, Release(11221306), Revision(c83fec7f6)	MF3_3.1_1_B5P1_11221306_c83fec7f6.tar.gz	31.34	RG-MU3064::1.00	2024-11-27 14:51:58	2024-
	MF3_3.1_1_B5P1, Release(11232712), Revision(f7662e76b)	MF3_3.1_1_B5P1_11232712_f7662e76b.tar.gz	31.34	RG-MU3064::1.00	2024-11-27 14:40:45	2024-
	MA_1.0(1)B2P1, Release(09212313), Revision(5215)G	MA_1.0_1_B2P1_MA2610_09212313.tar.gz	29.81	RG-MA2610-PE::1.00,RG-MA2610-AC::1.00	, 2024-11-14 10:07:37	2022
	MA_1.0(1)B2P1, Release(09212313), Revision(5215)G	MA_1.0_2_B2P1_MA2810_09212313.tar.gz	29.81	RG-MA2810::1.00,	2024-07-29 14:38:13	2022
	AP_RGOS 11.9(6)W3B13, Release(10211903)	850IV2_RGOS11.9_6_W3B13_S2X4-04_10211903_install.bin	26.77	AP850-I(V2)::1.00,DG-AP850-AX6800::1.00	2024-06-17 15:47:41	2023
	AP_RGOS 11.9(4)B1P7, Release(09151815)	AP_RGOS11.9_4_B1P7_S2X2-27_09151815_install_1bin	24.12	AP180-AC::3.00,AP180-PE::3.00	2024-03-27 14:48:08	2024-
	AP_RGOS 11.9(4)B1P7, Release(09151815)	AP_RGOS11.9_4_B1P7_S2X2-27_09151815_install.bin	24.11	AP180-AC::3.00,AP180-PE::3.00	2024-03-14 15:57:42	2023
	AP_RGOS 11.9(4)B1P8, Release(09151815)	APV3_WPA2_RGOS11.9_4_B1P8_S2X2-27_09151815_install_1bin	24.15	AP180-AC::3.00,AP180-PE::3.00	2024-03-14 14:18:31	2023-
	AP_RGOS 11.9(4)B1P8, Release(09151815)	AP_RGOS11.9_4_B1P8_S2X2-25_09151815_install.bin	21.87	AP180-AC::2.00,AP180-AC::3.00,AP180-PE	2024-03-13 13:49:09	2024-
	MA_1.3(1)B5P9, Release(10200118), Revision(996d57698)	MA_1.3_1_B5P9_MA2810_10200118.tar.gz	30.39	RG-MA2810::V2,	2024-02-07 10:23:41	2024-

6.1.3.1 Uploading Private Firmware Versions

Follow the steps below to upload your local private firmware versions to the JaCS:

1 Click **Upload Firmware** to go to the upload interface.

Vers	sion Details Private Firmware					
Uplo	ad Firmware Delete 0 Selected				C Firmware Version, Applicat	le Q
	Firmware Version	File	File Size (MB)	Applicable Model	Uploaded at	Rele
	MA_1.0(1)B2P1, Release(09212313), Revision(5215)G	MA_1.0_1_B2P1_MA2610_09212313.tar.gz	29.81	RG-MA2610-PE::1.00,RG-MA2610-AC:	:1.00, 2024-11-14 10:07:37	2022-09
	MA_1.0(1)B2P1, Release(09212313), Revision(5215)G	MA_1.0_2_B2P1_MA2810_09212313.tar.gz	29.81	RG-MA2810::1.00,	2024-07-29 14:38:13	2022-09
	AP_RGOS 11.9(6)W3B13, Release(10211903)	850IV2_RGOS11.9_6_W3B13_S2X4-04_10211903_install.bin	26.77	AP850-I(V2)::1.00,DG-AP850-AX6800::	1.00, 2024-06-17 15:47:41	2023-09
	AP_RGOS 11.9(4)B1P7, Release(09151815)	AP_RGOS11.9_4_B1P7_S2X2-27_09151815_install_1bin	24.12	AP180-AC::3.00,AP180-PE::3.00	2024-03-27 14:48:08	2024-03
	AP_RGOS 11.9(4)B1P7, Release(09151815)	AP_RGOS11.9_4_B1P7_S2X2-27_09151815_install.bin	24.11	AP180-AC::3.00,AP180-PE::3.00	2024-03-14 15:57:42	2023-06
	AP_RGOS 11.9(4)B1P8, Release(09151815)	APV3_WPA2_RGOS11.9_4_B1P8_S2X2-27_09151815_install_1_bin	24.15	AP180-AC::3.00,AP180-PE::3.00	2024-03-14 14:18:31	2023-12
	AP_RGOS 11.9(4)B1P8, Release(09151815)	AP_RGOS11.9_4_B1P8_S2X2-25_09151815_install.bin	21.87	AP180-AC::2.00,AP180-AC::3.00,AP180	0-PE: 2024-03-13 13:49:09	2024-03
	MA_1.3(1)B5P9, Release(10200118), Revision(996d57698)	MA_1.3_1_B5P9_MA2810_10200118.tar.gz	30.39	RG-MA2810::V2,	2024-02-07 10:23:41	2024-02
	AP_RGOS 11.9(6)W3B1, Release(10201120)	AP_RGOS11.9_6_W3B1_S2X2-30_10201120_install.bin	26.25	AP680(CD)::4.00	2023-10-17 10:23:43	2023-08
	AP_RGOS 11.9(6)W3B8, Release(10173116)	AP_RGOS11.9_6_W3B8_S2X4-04_10173116_install.bin	26.65	AP850-I(V2)::1.00,DG-AP850-AX6800::	:1.00, 2023-09-05 13:57:02	2023-05
First	Previous Page 1 of 2	Next Last			10 .	Total: 18

2 Click 'tar.gz' or '.bin' File and select the firmware version to be uploaded.



3 Click **Import** to upload the firmware version. You can add description information for the firmware version (up to 255 characters can be entered.)

Open

Cancel

Upload Firmware		×
File	HS2310_RGOS11.4(1)B90_11173019_install.bin	
	Import	
		Close

4 Wait for the firmware version to be uploaded.

Upload Firmware	×
UploadingPl	ease wait.
	Close

5 When the "Upload firmware succeeded" prompt appears, click **X** to close the prompt box to complete the operation.

Message	×
Upload firmware succeeded	

Once a firmware has been uploaded, it is displays in the Private Firmware list.

Ver	sion Details Private Firmware						
							e 📰 - 🗙
Uple	Delete 0 Selected						ersion, Applicat Q Search
	Firmware Version	File	File Size (MB)	Applicable Model	Uploaded at	Released at	Description
	HS2310_RGOS 11.4(1)B90, Release(11173019)	HS2310_RGOS11.4_1_B90_11173019_install.bin	34.58	GAM::1.00,RG-HS2310-16GH2GT1XS::1.00,R	2024-06-17 11:43:44	2024-06-17 11:43:43	
	AP_RGOS 11.9(6)W3B1, Release(11160200)	AP_RGOS11.9_6_W3B1_S2X4-04_11160200_install.bin	26.58	AP850-I(V2)::1.00,DG-AP850-AX6800::1.00,	2024-06-14 17:22:25	2024-04-01 23:31:56	
	MA_1.3(1)B11, Release(11181211), Revision(1c7f7b3c5)	MA_1.3_1_B11_MA3511_11181211.tar.gz	35.59	RG-MA3511-PE::V1,RG-MA3511-AC::V1,	2024-06-12 11:29:12	2024-06-12 11:29:11	zq test ma3511 upgrade
	MA_1.3(1)B10P1, Release(11180714), Revision(7d14e0d8a)	MA_1.3_1_B10P1_AP180_11180714.tar.gz	28.54	RG-AP180-PE::V4,RG-AP180-AC::V4,	2024-06-07 15:33:14	2024-06-07 15:33:13	AP180 V41 upgrade test
	XS1930J_RGOS 11.4(1)B70P18, Release(10201612)	XS1930J_RGOS11.4_1_B70P18_10201612_install_1bin	22.21	DG-S1930K-8GP2S-120W::V1,NBS2028G-E	2024-05-21 10:03:42	2023-11-15 16:02:49	
	HS2310_RGOS 11.4(1)B90, Release(11152116)	HS2310_RGOS11.4_1_B90_11152116_install.bin	34.40	GAM::1.00,RG-H52310-16GH2GT1XS::1.00,R	2024-03-25 09:55:16	2024-03-25 09:55:16	PJ117-阶段二-正式发布回归
	MA_1.3(1)B8P1, Release(11142512), Revision(d4da55e40)	MA_1.3_1_B8P1_MA2810_11142512.tar.gz	29.68	RG-MA2810::V2,	2024-02-27 11:00:06	2024-02-27 11:00:05	
	AP_RGOS 11.9(4)B1P8, Release(09151815)	AP_RGOS11.9_4_B1P8_S2X2-08_09151815_install.bin	21.87	AP180(JA)::1.00,AP180(JA)::1.01,AP180(JA)::	2024-02-23 11:17:10	2024-02-20 21:22:27	
	MA_1.3(1)B5P9, Release(10200118), Revision(996d57698)	MA_1.3_2_B5P9_MA2810_10200118.tar.gz	30.39	RG-MA2810::V2,	2024-02-07 10:22:24	2024-02-07 10:22:23	
	HS2310_RGOS 11.4(1)B90, Release(11140218)	HS2310_RGOS11.4_1_B90_11140218_install.bin	34.61	GAM::1.00,RG-HS2310-16GH2GT1XS::1.00,R	2024-02-06 10:06:21	2024-02-06 10:06:20	
First	t Previous Page 1 of 9	Next Last					10 . Total: 90

6.1.3.2 Deleting Private Firmware Versions

To remove a private firmware version from the JaCS:

1 Select the firmware version to be deleted. Multiple selections are supported. If you need to select all, check the **Select all checkbox**.

					C	 -
Up	load Firmware Delete 1 Selected					e Q
	Select all checkbox Firmware Version	File	File Size (MB)	Applicable Model	Uploaded at	Rel
	MF3_3.1_1_B5P1, Release(11221306), Revision(c83fec7f6)	MF3_3.1_1_B5P1_11221306_c83fec7f6.tar.gz	31.34	RG-MU3064::1.00	2024-11-27 14:51:58	2024-1
	MF3_3.1_1_B5P1, Release(11232712), Revision(f7662e76b)	MF3_3.1_1_B5P1_11232712_f7662e76b.tar.gz	31.34	RG-MU3064::1.00	2024-11-27 14:40:45	2024-11
	MA_1.0(1)B2P1, Release(09212313), Revision(5215)G	MA_1.0_1_B2P1_MA2610_09212313.tar.gz	29.81	RG-MA2610-PE::1.00,RG-MA2610-AC	::1.00, 2024-11-14 10:07:37	2022-0
	MA_1.0(1)B2P1, Release(09212313), Revision(5215)G	MA_1.0_2_B2P1_MA2810_09212313.tar.gz	29.81	RG-MA2810::1.00,	2024-07-29 14:38:13	2022-0
	AP_RGOS 11.9(6)W3B13, Release(10211903)	850IV2_RGOS11.9_6_W3B13_S2X4-04_10211903_install.bin	26.77	AP850-I(V2)::1.00,DG-AP850-AX6800	::1.00, 2024-06-17 15:47:41	2023-0
	AP_RGOS 11.9(4)B1P7, Release(09151815)	AP_RGOS11.9_4_B1P7_S2X2-27_09151815_install_1_bin	24.12	AP180-AC::3.00, AP180-PE::3.00	2024-03-27 14:48:08	2024-0
	AP_RGOS 11.9(4)B1P7, Release(09151815)	AP_RGOS11.9_4_B1P7_S2X2-27_09151815_install.bin	24.11	AP180-AC::3.00, AP180-PE::3.00	2024-03-14 15:57:42	2023-0
	AP_RGOS 11.9(4)B1P8, Release(09151815)	APV3_WPA2_RGOS11.9_4_B1P8_S2X2-27_09151815_install_1bir	24.15	AP180-AC::3.00,AP180-PE::3.00	2024-03-14 14:18:31	2023-1
	AP_RGOS 11.9(4)B1P8, Release(09151815)	AP_RGOS11.9_4_B1P8_S2X2-25_09151815_install.bin	21.87	AP180-AC::2.00, AP180-AC::3.00, AP18	0-PE: 2024-03-13 13:49:09	2024-0
	MA_1.3(1)B5P9, Release(10200118), Revision(996d57698)	MA_1.3_1_B5P9_MA2810_10200118.tar.gz	30.39	RG-MA2810::V2,	2024-02-07 10:23:41	2024-0

2 Click Delete.

Vers	sion Details Private Firmware						
Uplo	ad Firmware Delete 1 Selected						C ■ - 24 rision, Applicat
	Firmware Version	File	File Size (MB)	Applicable Model	Uploaded at	Released at	Description
	HS2310_RGOS 11.4(1)B90, Release(11173019)	HS2310_RGOS11.4_1_B90_11173019_install.bin	34.58	GAM::1.00,RG-HS2310-16GH2GT1XS::1.00,R	2024-06-17 11:43:44	2024-06-17 11:43:43	
	AP_RGOS 11.9(6)W3B1, Release(11160200)	AP_RGOS11.9_6_W3B1_S2X4-04_11160200_install.bin	26.58	AP850-I(V2)::1.00,DG-AP850-AX6800::1.00,	2024-06-14 17:22:25	2024-04-01 23:31:56	
	MA_1.3(1)B11, Release(11181211), Revision(1c7f7b3c5)	MA_1.3_1_B11_MA3511_11181211.tar.gz	35.59	RG-MA3511-PE::V1,RG-MA3511-AC::V1,	2024-06-12 11:29:12	2024-06-12 11:29:11	zq test ma3511 upgrade
	MA_1.3(1)B10P1, Release(11180714), Revision(7d14e0d8a)	MA_1.3_1_B10P1_AP180_11180714.tar.gz	28.54	RG-AP180-PE::V4,RG-AP180-AC::V4,	2024-06-07 15:33:14	2024-06-07 15:33:13	AP180 V41 upgrade test
	XS1930J_RGOS 11.4(1)870P18, Release(10201612)	X51930J_RGOS11.4_1_B70P18_10201612_install_1bin	22.21	DG-\$1930K-8GP25-120W::V1,NB\$2028G-E	2024-05-21 10:03:42	2023-11-15 16:02:49	
	HS2310_RGOS 11.4(1)B90, Release(11152116)	HS2310_RGOS11.4_1_B90_11152116_install.bin	34.40	GAM::1.00,RG-HS2310-16GH2GT1XS::1.00,R	2024-03-25 09:55:16	2024-03-25 09:55:16	PJ117-阶段二-正式发布面归
	MA_1.3(1)B8P1, Release(11142512), Revision(d4da55e40)	MA_1.3_1_B8P1_MA2810_11142512.tar.gz	29.68	RG-MA2810::V2,	2024-02-27 11:00:06	2024-02-27 11:00:05	
	AP_RGOS 11.9(4)B1P8, Release(09151815)	AP_RGOS11.9_4_B1P8_S2X2-08_09151815_install.bin	21.87	AP180(JA)::1.00,AP180(JA)::1.01,AP180(JA):	2024-02-23 11:17:10	2024-02-20 21:22:27	
	MA_1.3(1)B5P9, Release(10200118), Revision(996d57698)	MA_1.3_2_B5P9_MA2810_10200118.tar.gz	30.39	RG-MA2810::V2,	2024-02-07 10:22:24	2024-02-07 10:22:23	
	HS2310_RGOS 11.4(1)B90, Release(11140218)	HS2310_RGOS11.4_1_B90_11140218_install.bin	34.61	GAM::1.00,RG-HS2310-16GH2GT1XS::1.00,R	2024-02-06 10:06:21	2024-02-06 10:06:20	
First	Previous Page 1 of 9	Next Last					10 - Total: 90

3 When the confirmation prompt appears, click **OK**.

Message	×
Are you sure you want to delete the firmwar	e?
OK	

4 When the "Firmware is deleted" prompt appears, click **X** to close the prompt box and complete the operation.

Message		\bowtie
	Firmware is deleted	

7 Operation and Maintenance

7.1 Viewing Network Topology

Ruijie JaCS supports viewing the network topology of some devices in the project. The topology interface displays the topology of the downlink devices of an online device in the current project. It enables the diagnosis of all online devices within the project and generates comprehensive diagnostic reports.

D Note

Ruijie JaCS currently only supports displaying the topology of the following models: RG-EG5210-JP, RG-HS2310-16GH2GT1XS, RG-MT3002 and RG-MU3064.

The specific steps are as follows:

1 Click **Project**, and the select the project where the device is located.

Ruífie 🙆	🗋 Dashboard 😚	Project 88 Al Assista	nt		
ය Japan Office 🗸	284	11	(cg)	~	
Dverview	1 Gateway	2 Switch	3 AP	0 G·hn	
 Devices 	0 OLT	0 ONU			
© Client					

2 Click Overview > Topology to go to the topology interface. Select the device you want to view. After selecting, the topology of the device will be displayed below.

1 Gateway 2 Switch 2 AP 0 G·hn	Alarm Statistics	Uncleared	>
	2	Today	0
Topology Report Advanced	~	Week	0
Current Device E187360129622(EG5210-JP)	Wi-Fi Traffic	link – Downlin	k
	, <u>.</u>	, Markel	ully .
	Clients		>
Image:	All 14	.24	G: 5 : 9
Search Q			

Different colors in the topology represent different link states.

- Green means the device is functioning normally.
- Red indicates the device is offline or disconnected from the switch.
- Orange means the device is not connected to the cloud or belongs to another account.

Click a device image, you can view its detailed information.

	Details							· · · · · · · · · · · · · · · · · · ·
Current Device 123494	Uplink and downlink port	ts can not be select	ted at the sam wn-SVI PoE F	e time. The time. Power Error Blo	⊘ cking Uplink	Switch Info Alias:	Ruijie 🖍	
		35791	1 13 15 17	r 5FP		Model: SN: MAC:	XS-S1930J 123494257 00d0.f822.	-18GT2SFP-P '3329 3390
Gi0/1	2	4 6 8 10 1	2 14 16 18	19 20	Deselect	Firmware Version:	XS1930J_R 11.4(1)B70 Release(10	GOS P18, 201612)
Urknown 00d0.2312.446d	Overview Ports	Config PoE	Diagnose	Downlink	Device	Description:	192.168.2.0	2
	CPU & Memory Usag	le	Connectiv	vity			Last	1 Day Last 7 Day
	CPU I	Memory						
	0		15:00	19:00	23:00	3:00	/:00	11:00

7.1.1 Refreshing Topology

Click **Refresh** to refresh the downlink topology of the device. The refresh interval should be greater than 10 minutes, otherwise a prompt will appear indicating frequent operations. The topology update is triggered when the switch is selected for the first time.

Current Device 1234942573329(Ruijie)	T III I	111 1 - ije	Refresh	Download
Uterown Odd0.2312.446d	(G42) (WNV) 1234567590ABC	GRV3 Utimoun 30015941.10fc	Utiknown etch70394c7b	

To refresh the topology regularly:

1 Click **Advance** to go to the setting page.

Topology Report Advanced	
Enable D Interval Time 3 Effective period 18:00 V - 23:59 V	Save
Network Diagnosis	
Last Record: at Risk View More	Diagnose again

2 Enable the schedule refresh function.

Topology Report Advanced	
Topology Refresh Schedule	
Enable Interval Time 2 Effective period 00:00 • 23:59 •	Save
Network Diagnosis	
To avoid risks, please start the diagnosis.	Start Diagnosis

3 Set the refresh interval and effective time period, and then click **Save**.

D Note

The minimum interval time supported is 2 hours, and the maximum interval time supported is 23 hours.

Topology Report Advanced	
Enable 💽 Interval Time 3 Effective period 18:00 💙 23:59 🗸	Save
Network Diagnosis	
Last Record: at Risk: View More	Diagnose again

4 After the "Operation succeeded" prompt appears, click **X** to close the prompt box and complete the operation.

Message		\times
	Operation succeeded	

7.1.2 Viewing Port Information

Click a port icon in the topology, you can view its detailed information. The port information includes: port ID, port status, speed, upstream and downstream traffic, throughput, upstream and downstream packet rates, and port types.



Note

RG-HS2310-16GH2GT1XS is connected to RG-HA3515-DG through the G.hn port via a telephone line. The G.hn port is displayed as Ghnx/x on the page. Clicking a G.hn port number will display the detailed information of the port. The speed displayed in the Speed item is the actual downlink speed. The speed of other devices is displayed as 100M/1000M.

7.1.3 Physical Link Detection

In the topology, hover the cursor over a port to view its detailed information. In the detailed information box, click **Detect** to initiate link detection. Do not perform any operations during the detection process. The possible outcomes are: link normal, link fault, or no link.

D Note

The physical link detection function is not available for RG-EG5210-JP.





After the detection is completed, you can view the operation log in **Operation Log** interface.

T	Operation Log 🛿							с н.
					Started at	Ended	at 😥	Q Search
	Time	Operator	Туре	Description		Result	Result Description	Action
C	2024-11-14 21:00:30	tokyo test	Diagnose	Perform cable detection on Port [Gi0/3] of Switch [G1QH5SS000158].		Success	Cable is normal.	
	2024-11-14 20:37:37	tokyo_test	Login	Log in successfully		Success	0	
	2024-11-14 19:05:10	tokyo_test	Login	Log in successfully		Success	OK.	
	2024-11-14 18:50:17	tokyo_test	Login	Log in successfully		Success	OK.	
	2024-11-14 17:54:41	tokyo_test	Login	Log in successfully		Success	0	
	2024-11-14 17:40:43	tokyo_test	Tunnel	Manage device [G1QH8XW000981] on eWeb.		Success	OK.	
	2024-11-14 17:40:24	tokyo_test	Login	Log in successfully		Success	OK.	
	2024-11-14 17:25:25	tokyo_test	Login	Log in successfully		Success	OK.	
	2024-11-14 17:24:57	tokyo_test	Login	Log in successfully		Success	0	
	2024-11-14 16:20:31	tokyo_test	Login	Log in successfully		Success	OK.	
	First Previous	Page 1 of 13	03	Next Last			10 . T	otal: 13027

7.1.4 Exporting Topology Diagram

Click **Download** to export the current topology diagram.

Current Device	1234942573329(Ruijie)	•			Refresh Download
			Ruijie		
Gi0/1		Gi0/2		Gi0/3	GiO/6
		WAN			+
Unknown	mananan	AP		Unknown	Unknown
0040 2312 444	5d	1234567890ABC		300d 9e43.10fc	ecb9.7039.4c7b

7.1.5 Network Diagnostics

Follow the steps below to diagnose the network:

1 Click **Advanced** to go to the setting page.

Topology Report Advanced		
Topology Refresh Schedule		
Enable Interval Time 2 Effective period 00:00 V - 23:59	~	Save
Network Diagnosis		
To avoid risks, please start the diagnosis.		Start Diagnosis

2 Click Start Diagnosis to start diagnosis.

Topology Report Advanced	
Topology Refresh Schedule	
Enable Interval Time 2 Effective period 00:00 V 23:59 V	Save
Network Diagnosis	
To avoid risks, please start the diagnosis.	Start Diagnosis

3 Wait for diagnosis results.

Diagnosing0%	Minimize

If no risk is detected, the following interface will be displayed:



If a risk is detected, the following interface will be displayed. Click **View More** to view the details and the recommended handling methods.



7.2 Mesh

On the **Project** interface, click **Network Details > Mesh** to enter the Mesh management interface. The Mesh network management interface includes three parts: **Mesh Network**, **Basic Information** and **Mesh Topology**.

MESH Network G1QH6XW00069B	•]		
Basic Info			
MESH Network G1QH6XW00069B 🖍	Master G1QH6XW000698 Update Time 2025-01-2210:05:29	Repeater Number 1	Master Status Online
MESH Topology C Instruction			The MESH Network has changed. Please click here for details.
+ 100%			
•	0035.ff3.0f63		
78da.D		Stad Obec HT2	

Select the specified Mesh network in the **Mesh Network** box. If you want to export the Mesh network report, click to export it.

MESH Network	G1QH6XW00069B	- <u></u>

Basic Info displays basic information of the Mesh network. Click \checkmark next to the Mesh network to modify the Mesh network name. After the **Sync Repeater to Cloud** is disabled, the device may not be synchronized to the cloud. Therefore, you cannot view some Mesh network information, such as device model, SN, or link status.



The Mesh topology interface displays the current Mesh topology, including device and client information. If the topology changes, a prompt "The MESH Network has changed. Please click here for details " will appear. Click "here" to go to the Mesh log page.



Click a device icon to view its detailed information.

Device Details						
Device Info						
	Role Ma	aster		SN :	G1QH6XW00069B	
mgir	MAC c4	70.ab9f.e624		IP Ad	dress 192.168.1.52	
	Model 1	RG-MA2810				
	Alian					
	Allds					
Client List	MAC	SSID	RSSI	Band	Online Time	Actio
Client List IP 10.19.111.108	MAC 50A0.09E6.FFF2	SSID-J9NFJN	RSSI -39	Band 5G	Online Time 2025-01-20 11:53:57	Action
Client List IP 10.19.111.108 10.19.111.103	MAC 50A0.09E6.FFF2 0035.FF13.0F63	SSID-J9NFJN SSID-J9NFJN	RSSI -39 -44	Band 5G 2.4G	Online Time 2025-01-20 11:53:57 2025-01-18 04:02:25	Action
Client List IP 10.19.111.108 10.19.111.103 10.19.111.100	MAC 50A0.09E6.FFF2 0035.FF13.0F63 78DA.078B.A141	SSID-J9NFJN SSID-J9NFJN SSID-J9NFJN_WI-FI5	RSSI -39 -44 -47	Band 5G 2.4G 2.4G	Online Time 2025-01-20 11:53:57 2025-01-18 04:02:25 2025-01-20 23:22:04	Action

7.3 Alarm Management

In the project management interface, click **Alarms** to enter the alarm management interface. In this interface, you can view the alarm information in the current project. An alarm can be searched based on the AP's serial number, alarm type, alarm level, and alarm occurrence time.

Ruífie 🖾	Dashboard Project 8 Al Assistant						© 74	× (
😸 Lite-PON 🗸 🗸								
D Overview	Alarm List 🛛						C 🖻	
 Devices 	Ignore Alarm 0 Selected				SN		Q Advanced Se	arch \vee
🕫 Client	Project SN Type	Level	Cleared	Content	Generated at	Cleared on	Updated at	Action
Smart Simplicity	Lite-PON 30160500000025 Device goes offline	Major	No		2025-01-22 18:57:07	-	2025-01-22 18:57:07	Û
	Lite-PON G1TT6B1000003 The RX power of lite-pon is lower than the threshold value	Major	No	RX功率低于-24dbm	2025-01-02 18:47:42	-	2025-01-03 12:21:32	Ū.
°≎° RF Planning	Lite-PON 30160500000087 Device goes offline	Major	No		2025-01-02 12:46:07		2025-01-02 12:46:07	Ш
Roaming Configuration	First Previous Page 1 of 1 Next Last						10 .	Total: 3
≅ Device Config >								
Auth & Account >								
Monitoring								
简 Network Details >								
Alarms								
🗈 Logs 🔸								
Upgrade								
Ø Firmware								

Туре	Status	Description
Device goes offline	The AP is offline.	The AP is disconnected from the cloud or is powered off.
Device goes offline and online continually.	The times of the AP going online or offline within two hours exceeds the default threshold.	The connection between the AP and the JaCS is unstable, or the AP has a firmware or hardware failure.
All devices are offline	All APs in the project are offline.	N/A
High channel usage on AP	The RF channel utilization exceeds 80%.	The RF channel utilization is too high and the interference is strong. It is recommended to change the channel.
		For APs, the default thresholds for CPU usage and memory usage are both 85%.
System usage(CPU/memory	The CPU or memory usage of the AP/switch/gateway	For switches, the default threshold for CPU usage is 50%, and the default threshold for memory usage is 65%.
usage) above threshold	exceeds the threshold.	For gateways, the default threshold for CPU usage is 50%, and the default threshold for memory usage is 65%.
		Custom values are not supported.
Switch loopback detected (RLDP)	A loop occurs on the switch.	N/A
Abnormal network access on gateway	The gateway port was unable to successfully ping the specified domain or IP address multiple times.	When the number of ping test failures reaches the specified number, an alarm will be issued. The number of times and domains/IP addresses can be manually configured.
High packet loss speed on gateway	The packet loss rate on the gateway exceeds the threshold.	When the packet loss rate exceeds the threshold multiple times within 5 minutes, an alarm is generated. The number of times and the threshold can be manually configured.

Uplink speed above threshold on gateway	The uplink rate exceeds the threshold multiple times.	When the uplink rate exceeds the threshold multiple times, an alarm is generated. The threshold, number of times, and percentage can be manually configured.
Downlink speed above threshold on gateway	The downlink rate exceeds the threshold multiple times.	When the downlink rate exceeds the threshold multiple times, an alarm is generated. The threshold, number of times, and percentage can be manually configured.
Imported MAC, SSID and/or password checks	Importing devices.	When the imported MAC is inconsistent with the actual MAC, or the SSID/password is changed, an alarm is generated.
The RX power of lite- pon is higher than the threshold value	The RX power is higher than the threshold value.	Once the RX power exceeds the threshold value, an alarm is generated.
The RX power of lite- pon is lower than the threshold value	The RX power is lower than the threshold value.	Once the RX power is lower than the threshold value, an alarm is generated.
The TX power of lite- pon is higher than the threshold value	The TX power exceeds the threshold value.	Once the TX power exceeds the threshold value, an alarm is generated.
The TX power of lite- pon is lower than the threshold value	The TX power is lower than the threshold value.	Once the TX power is lower than the threshold value, an alarm is generated.

The Alarm List shows the all alarms of the current project. To ignore generated alarms:

1 Select the alarm to be ignored, and then click **Ignore Alarm**.

Alarm List 🛛	ted						SN	ک رو Advanced	🖍 👫 🗸
Project	SN	Туре	Level	Cleared	Content	Generated at	Cleared on	Updated at	Action
ODemo用環境	30160500000008	Device goes offline	Major	No		2024-11-14 18:21:08	-	2024-11-14 18:21:08	Ū
00Demo用環境	G3TK5Z1010038	Device goes offline	Major	No		2024-11-06 14:41:07	-	2024-11-06 14:41:07	Ū.
00Demo用環境	G1QH9MK019887	Device goes offline	Major	No		2024-10-23 15:17:08	-	2024-10-23 15:17:08	Ū.
First Previous	Page 1 of 1	Next	ist					10 🛋	Total: 3

2 When the operation confirmation box appears, click **OK**.

Message	×
Are you sure you war	nt to clear the alarm?
ок	Cancel

3 After successfully ignoring the alarm, click **X** to close the prompt box and complete the operation.



To clear the alarm in the list:

1 Click the in the Action column of the alarm to be cleared.

Alarm List @	cted						SN	C L	d III → Search ∨
Project	SN	Туре	Level	Cleared	Content	Generated at	Cleared on	Updated at	Action
00Demo用環境	30160500000008	Device goes offline	Major	No		2024-11-14 18:21:08	-	2024-11-14 18:21:08	Ē
00Demo用環境	G3TK5Z1010038	Device goes offline	Major	No		2024-11-06 14:41:07	-	2024-11-06 14:41:07	Ē
00Demo用環境	G1QH9MK019887	Device goes offline	Major	No		2024-10-23 15:17:08	-	2024-10-23 15:17:08	Û
First Previous	Page 1 of 1	Next Last						10 🔺	Total: 3

2 When the confirmation box appears, click **OK**.

Message	×
Are you sure you wa	nt to clear the alarm?
ОК	Cancel

3 After successfully clearing the alarm, click **X** to close the prompt box and complete the operation.

Message	\boxtimes
1 alarm is cleared successfully	

7.3.1 Alarm Condition Settings

Click ⁽²⁾ and select **Alarm Settings** to go to the alarm interface. If the alarm conditions are not configured, the global settings are used.

Users can click the switch in Status to enable the corresponding alarm condition according to actual needs.

Ruífie 🖾	🗋 Dashboard	🗑 Project	88 AI Assistant			\$ 0 × X L
Alarm Settings						С
		Туре		Status	Alarm Threshold	Email Alarm
Device goes offline						\bigcirc
Device goes online and offline continually				>20 % 🕑		
All devices are offline						
High channel usage on AP					\odot	
System usage(CPU/memory usage) above threshold						
Switch loopback detected (RLDP)						
interface updown rate above threshold.						
Abnormal network access on gateway						
High packet loss rate on gateway						
Uplink rate above threshold on gateway						
Downlink rate above threshold on gateway						

Conditions	Description
Device goes offline	Defaults: Enabled.
	An alarm will be generated, when a device in the project goes offline.
	Defaults: Enabled.
Device goes online and offline continually	An alarm will be generated, when a device in the project is constantly going online and offline. When it is enabled, you can set the threshold (the default value is 20%).
	Defaults: Disabled.
	An alarm will be generated when all devices in the project go offline.
	Defaults: Enabled.
	An alarm will be generated when the channel usage of AP is too high.
System usage(CPI I/memory usage) above	Defaults: Disabled.
threshold	An alarm will be generated, when the system usage (CPU/memory usage) is higher than the threshold.
Switch loopback detected (RLDP)	Defaults: Disabled.
interface updown rate above threshold.	Defaults: Disabled.
Abnormal network access on gateway	Defaults: Enabled.
	Defaults: Enabled.
High packet loss rate on gateway	An alarm is generated when the packet loss rate of the gateway is high.
	Defaults: Enabled.
Uplink rate above threshold on gateway	An alarm is generated when the uplink rate of the gateway exceeds the threshold.
	Defaults: Disabled.
Downlink rate above threshold on gateway	An alarm is generated when the downlink rate of the gateway exceeds the threshold.

7.3.2 Sending Alarms via Email

On the alarm settings page, you can set whether to send alarms via email. Alarms can only be sent via email when the alarm status is turned on. When email alarm function is enabled, the alarm will be sent via Email to contacts in the contact group.
The Contact Group List displays the contact groups used for receiving alarm.

Ruffe 🙆 🗋 Dashboard 🖗 Project	88 AI Assistant			© 🤉 🗙 🗐
L Alexa Californi				2
Alarm Settings				C
Туре		Status	Alarm Threshold	Email Alarm
Device goes offline				
Device goes online and offline continually			>20 % 🕑	
All devices are offline				
High channel usage on AP				
System usage(CPU/memory usage) above threshold			÷	
Switch loopback detected (RLDP)		\bigcirc		\bigcirc
interface updown rate above threshold.		\bigcirc		
Abnormal network access on gateway			-	
High packet loss rate on gateway				
Uplink rate above threshold on gateway		\bigcirc	-	\bigcirc
Downlink rate above threshold on gateway				
Contact Group List				e
Group	Description		,	Action
	No Data			
First Previous Page 0 of 0 Next	Last			10 Total: 0
				Add

Follow the steps below to sending a specific alarm to the mailbox:

1 In the alarm setting page, turn on an alarm generation condition as needed.

Alarm Settings			С
Туре	Status	Alarm Threshold	Email Alarm
Device goes offline			
Device goes online and offline continually		>20 % 🕑	
All devices are offline			
High channel usage on AP		-	
System usage(CPU/memory usage) above threshold		-	
Switch loopback detected (RLDP)		-	
interface updown rate above threshold.		-	
Abnormal network access on gateway		-	
High packet loss rate on gateway			
Uplink rate above threshold on gateway		-	
Downlink rate above threshold on gateway			

2 Enable email alarm function.

Alarm Settings			С
Туре	Status	Alarm Threshold	Email Alarm
Device goes offline		•	
Device goes online and offline continually		>20 % 🕑	
All devices are offline			
High channel usage on AP			
System usage(CPU/memory usage) above threshold		2-1	
Switch loopback detected (RLDP)			
interface updown rate above threshold.			
Abnormal network access on gateway			
High packet loss rate on gateway		÷	
Uplink rate above threshold on gateway			\bigcirc
Downlink rate above threshold on gateway		-	

³ Click 🔯 and select Contact.

Ruíjie 🖾	🗋 Dashboard	😵 Project 😸 Al Assistant			® @ % X
Contact List	Mobile		Email	Description	Alarm Settings 00000JAPAN WiFi Contact
test	123345	lailingya _		test	Ø
First Previous	Page 0 of 0	Next Last			10 - Total: 0
					Add
Contact Group					
	Group		Description		Action
V1.5.5-TEST		test			2 ū
First Previous	Page 1 of 1	Next Last			10 a Total: 1
					Add

4 Click Add in Contact List to enter the contact setting page.

Contact List					
Name		Mobile	Email	Description	Action
			No Data		
First Previous	Page O of 0	Next Last			10 - Total: 0
					Add

5 Specify the name, email address, mobile phone number and description, and then click **Save**.

Add/Edit Contact	-	\times
Name :	Liu *	
Email :	*	
Mobile :	*	
Description :	TEST	
	Save	cel

6 When the "Added succeeded" prompt appears, click **X** to close the prompt box and complete the operation. The created contact will be displayed in the **Contact List**.

Message		×		
	Add succeeded			
Contact List				
Name	Mobile	Email	Description	Action
Liu	16 Ce		TEST	e i
First Previous	Page 0 of 0 Next Last			10

7 Click Add in Contact Group to create a contact group.

Contact Group			
	Group	Description	Action
test		test	
First Previous	Page 1 of 1	Next Last	10 - Total: 1
			Add

8 After setting the contact group name and description, click **Save**. The name and description are required.

Add Group		\times
Name	Test	
Description	For test only	
	Save	Cancel

9 After the "Add succeeded" prompt appears, click **X** to close the prompt box.

Message		
	Add succeeded	

10 The created contact group will be displayed in the list. Click the *in the Action* column of the contact group to add a contact to the contact group.

Contact Group				
	Group		Description	Action
Test		For test only		
First Previous	Page 1 of 1	Next Last		Total: 1
				Add

11 The contact information that has been created will be displayed in the All Contacts list. Select the contact you want to add and click Add to Group to add it.

Edit Contact Group				×
Name	Test			
Description	For test only			
Contact Group		<< Add to Group Delete from Group >>	All Contacts	
				Save

12 After adding, click **Save**. When the "Update succeeded" prompt appears, click **X** to close the prompt box.

Message		\boxtimes
	Update Succeeded	

13 After creating the contact and adding it to the contact group, return to the alarm setting interface. In the **Contact** List, click Add.

Alarm Settings				С
Туре		Status	Alarm Threshold	Email Alarm
Device goes offline			-	
Device goes online and offline continually			>20 % 📀	
All devices are offline				
High channel usage on AP				
System usage(CPU/memory usage) above threshold			-	
Switch loopback detected (RLDP)				\bigcirc
interface updown rate above threshold.			-	
Abnormal network access on gateway				
High packet loss rate on gateway			-	
Uplink rate above threshold on gateway			-	
Downlink rate above threshold on gateway				
Contact Group List				C
Group	Description		A	lction
	No Data			
First Previous Page O of O Next Last				10
				Add

14 Select the contact group you need and click **Add Group**.

Add Group				×
	Group		Description	
0	Test		For test only	
First Previ	Dus Page 1 of 1	Next Last		
				Add Group Cancel

15 After the "Add succeeded" prompt appears, click **X** to close the prompt box and complete the operation.

Message		$\mathbf{\times}$
	Add succeeded	

The added contact group will be displayed in the **Contact Group List**. After the contact group is added, when the device reaches the alarm condition, the alarm will be sent to the email address of the contacts in the contact group.

D Note

If you enable email alarm function but do not add a contact group in the **Contact Group List**, you will not be able to receive alarms via emails.

7.4 Network Report

Click **Project > Network Details > Report** to go to the network report management interface. This interface consists of three parts: **Summary**, **Device**, and **Client**.

Summary:

Ruífie 💩	Dashboard Project 88 Al Assistant	🕸 🛈 🛪 💥 🚺
Se Japan Office ∨	Summer Daries Client	Last 24 Hours
D Overview	Summary Device Client	
 Devices 	WiFi Traffic Summary	
🕞 Client	-O- Uplink -O- Downlink	
Smart Simplicity	Traffic (MB)	
	600 - 400 -	
Roaming		
Configuration	01-22 15/20:00 01-22 17:50:00 01-22 20:20:00 01-22 22:50:00 01-23 01:20:00 01-23 03:50:00 01-23 06:20:00 01	-23 08:50:00 01-23 11:20:00 01-23 13:50:00
₽ Device Config >		
Auth & Account >	Channel Distribution and Usage 9 (Real-time)	
Monitoring		
III Network Details >	2.4G	
Alarms	20	
	44 64 132 136	
opgrade	📕 Idle 📒 Busy 📕 Overloaded	

Items	Description					
WiFi Traffic Summary	Displays wireless traffic data for the last 24 hours/last 7 days/last 30 days/custom time period. Hover the cursor over a time to view the uplink and downlink rates at that time.					
Channel Distribution and Usage	 Displays channel distribution and usage of the selected project. Click a channel to view its detailed information. The channel usage is graded as: Idle: 0% to 59%; Busy: 60% to 79%; Overloaded: 80% to 100% 					
SSIDs by Client	Displays ranking information of the number of clients connected to the selected network by SSID in the last 24 hours/last7 days/last 30 days /custom time period					
SSIDs by Traffic	Displays the SSIDs ranked by client number of the selected project in the past 24 hours/last 7 days/last 30 days/custom time period.					
RSSI Statistics	Displays the real-time wireless signal strength of the selected project during the specific period. The signal intensity is defined as:					
	(1) Weak: RSSI ≤-80dB;					
	(2) Medium: -80dB < RSSI≤-70dB;					
	(3) Strong: RSSI > -70dB.					

Device:

	Ruijie 🖾	Dashboard	d 💮 Proje	ect 88 /	Al Assista	nt							¢	? ⅔	
Summary Device Client Device Summary Read-time Device Activity ● Client Device Summary Read-time Device Activity ● * RF Planning Ar * 3 2 1 0 0 Switch 2 1 1 0 0 Gahe 0 0 0 0 0 ONU 0 0 0 0 0 OUT 0 0 0 0 0 Device Activity ● * Ref Planning Outro 0 0 0 0 ONU 0 0 0 0 0 Outro 0 0 0 Outro 0 0 * Auth & Account > Image: Similary Sim	å Japan Office ∨														
 Device Summary Continuents Client Smart Simplicity RF Planning Roaming Configuration Device Config > Auth & Account > Montoring I Network Details > A larms Logs > 	Dverview	Summary D	Device Client									Last 24 Hou	rs	~ 🕑	
Icient Smart Simplicity • RF Planning • Ref Planning • Roaming Configuration • Device Config > • Auth & Account > Montoring • Network Details > • Alarms • Logs • Alarms • Logs • Alarms • Logs • Client • Client • Configuration • Device Config > • Metwork Details > • Matimum State Stat	 Devices 	Device Sur	mmary (Real-tin	ne					Device A	ctivity 🛛					
Smart Simplicity RF Planning Roaming Configuration Device Config > ONU 0 0 0 0 ONU 0 0 <l< td=""><td>D Client</td><td></td><td></td><td>Device</td><td>Tetal</td><td>Online</td><td>048:</td><td>Not Opling Vet</td><td></td><td></td><td>Inactive Me</td><td>dium Active</td><td></td><td></td><td></td></l<>	D Client			Device	Tetal	Online	048:	Not Opling Vet			Inactive Me	dium Active			
• RF Planning • Remaing • Re	mart Simplicity				2	2	1	Not Online Fet		Device		_			
Image: Structure in the st		6	5	AP Suitch	3	2	1	0		2.5 - 2 -	_				
 		Devi	ces	Gha	2	0	0	0		1.5			-		
a classing > onfiguration ONU 0 0 0 0 0 O OLT 0 0 0 0 O ONU 0 0 0 0 O	W Roaming			Gateway	1	1	0	0		0.5			-		
Image: Control of the control of th	onfiguration				0	0	0	0		2025-01-16	2025-01-18	2025-01-20	20,	5-01-22	
 Auth & Account > ontoring Top 10 Devices by Client Top 10 Devices by Client Top 10 Devices by Client Top 10 Devices by Traffic A larms Ranking SN Alias Clients Traffic Ranking SN Alias Clients Traffic Ranking SN Alias Clients Traffic Clients Clients Traffic Clients Clients<	≅ Device Config >				0	0	0	0					8		
Image: second	Auth & Account >				0	Ū	0	Ū							
In Network Details > Ranking SN Alias Clients Traffic A Alarms 1 G1R956802911C AP02 19 5.41G 1 G1R956802911C AP02 5.41G E Logs > 2 G100414003617 Ap01 3 370M 2 5.000414003617 Ap01 3.70M	onitoring								1						
Alarms Ranking SN Alias Clients Traffic Ranking SN Alias Traffic 1 G1RP5E802911C Apo2 19 5.41G 1 G1RP5E802911C Apo2 5.41G 1 G1RP5E802911C Apo2 5.41G 1 3.70M 2 G10P4Uk003617 Apo1 3.70M 3.70	ា៍ Network Details >	l lop 10 Dev	vices by Client						10p 10 L	evices by Traffic					
1 G1RP5E802911C AP02 19 5,41G 1 G1RP5E802911C AP02 5,41G □ Logs > 2 G1004UU003617 Ap01 3 370M 2 G1004UU003617 Ap01 370M	Alarms	Ranking	SN	Alias		Clients		Traffic	Ranking	SN	Alias	Traffic		Clier	nt
E Logs > 2 G10D4UU003617 April 3 370M 2 G10D4UU003617 April 370M	-	1	G1RP5EB02911C	AP02	1	9		5.41G	1	G1RP5EB02911C	AP02	5.41G		19	9
	∎ Logs >	2	G1QD4UU003617	AP01		3		3.70M	2	G1QD4UU003617	AP01	3.70M		3	ł
	↔ Upgrade														

Items	Description
Device Summary	Displays the online status of devices in the project during a specific period.
AP Activity	Displays the AP activity of the selected project 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.
-	(1) Inactive: <5 active clients (2) Medium: 5-9 active customers
	(3) \geq 10 active clients.
Top 10 APs by Client	Displays the top 10 APs ranked by client number of the selected project during the specific period.
Top 10 APs by Traffic	Displays the top 10 APs ranked by traffic of the selected project during the specific period.
Firmware Version	Displays the proportion of firmware versions of the selected project during the specific period.
Hardware Version	Displays the proportion of hardware versions of the selected project during the specific period.
PoE Utilization	Displays the numbers of PoE switches above and below the selected utilization percentage.
PoE Power Summary	Displays the power summary of the entire PoE device, including the total power and used power.

Client



Items	Description				
WiFi Client Summary	This chart shows the client summary of the selected project during the specific period. Hover the cursor over a moment to view the number of clients at that moment.				
	This chart shows the client activity of the selected project during the specific period. The chart does not support searching data in the last 24 hours.				
	(1) Inactive: ≤100KB traffic				
WiFi Client Activity	(2) Minimal: Any time and 100KB traffic				
	(3) Low: 1h/d and 500K traffic				
	(4) Medium: 2h/d time and 2M traffic				
	(5) High: 4h/d time and 5MB traffic				
	(6) Extreme: 8h/d time and 10MB traffic				
2.4G/5G Clients	This chart shows the proportion of STAs using 2.4G/5G of the selected project during the specific period.				
Top 10 WiFi Clients by Traffic	Displays the top 10 clients ranked by traffic of the selected network during the specific period.				
Captive Portal	This chart shows the numbers and proportions of different portal authentication methods in the selected project. The statistics are refreshed every hour. Now 3 authentication methods (one-click, voucher and account) are supported.				
	This chart shows the experience status during the specified time and collects data every 5 minutes. You can switch between 2.4GHz and 5 GHz. Hover your cursor over a specific time to view the experience status at that time.				
	(1) Excellent: HDV and online game are available.				
Experience	(2) Good: Communication application, Web page and VoIP are available.				
	(3) Poor: Go offline frequently or hard to go online.				
	(4) Inactive: Checks whether the client is inactive based on 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.				

7.4.1 Exporting a Network Report

Follow the steps below to export a network report:

1 Select the project.

Ruijie 🖾	🗈 Dashboard 😥 Project 88 Al Assistant 🕸 🕐 🔌 🗶 🔳
ය Japan Office V	Summary Device Client Last 24 Hours V
 Devices 	WiFi Traffic Summary
Client Smart Simplicity	Traffic (MB)
중 RF Planning	
Configuration	200 01-22 15:20:00 01-22 17:50:00 01-22 20:20:00 01-22 22:50:00 01-23 01:20:00 01-23 03:50:00 01-23 06:50:00 01-23 11:20:00 01-23 13:50:00
≅ Device Config >	
Auth & Account > Monitoring	Channel Distribution and Usage 🛛 (Real-time)
Metwork Details >Alarms	2.4G
🗉 Logs 🔹 🕨	5G 44 64 132 136
Upgrade	
↔ Upgrade	Idle Busy Overloaded

Ruíjie 🖾	🗅 Dashboard 😚 Project 🔀 Al Assistant 🕸 🕐 🤻 🔀 🚺
å Japan Office ∨	
Dverview	Summary Device Client
 Devices 	WiFi Traffic Summary Export to PDF
🕞 Client	-O- Uplink -O- Downlink
Smart Simplicity	Traffic (MB) 800 -
중 RF Planning	600- 400-
Roaming	
Configuration	01-22 1520:00 01-22 17:50:00 01-22 20:20:00 01-22 22:50:00 01-23 01:20:00 01-23 06:50:00 01-23 06:50:00 01-23 11:20:00 01-23 11:20:00
≅ Device Config →	
Auth & Account >	
Monitoring	Channel Distribution and Usage 🛛 (Real-time)
前 Network Details >	

7.4.2 Sending Network Report to a Specified Mailbox

To send a network report to a specific Email address:

1 Select the project and go to the **Network Details** interface, and click in the network client interface.

Ruíjie 🖾	Dashboard 🕅 Project 98 Al Assistant 😢 🕐 🛪 💥 🔲
😹 Japan Office 🗸 🗸	
① Overview	Summary Device Client
 Devices 	WiFi Traffic Summary
🖙 Client	Uplink Downlink
Smart Simplicity	Traffic (M8) 800 -
	600 - 400 -
Roaming	200-
Configuration	01-22 152000 01-22 175000 01-22 202000 01-22 225000 01-23 012000 01-23 055000 01-23 062000 01-23 065000 01-23 112000 01-23 135000
ə Device Config >	and all
Auth & Account >	
Monitoring	Channel Distribution and Usage
iii Network Details >	2.4G
Alarms	1 5
🗈 Logs 🛛 🔸	5G 44 64 132 136

2 Select the report format and enter the email address. Click the + next to the email address to add more Email addresses. Up to 3 addresses are supported.

Er	nail Setting		×
	Send Email	Delivery Plan	
	Send As	⊘ CSV ○ PDF	
	Email	· · · · · · · · · · · · · · · · · · ·	
		ОК	Close

3 After filling in the information, click **OK**.

Email Setting		×
Send Email	Delivery Plan	
Send As	○ CSV	
Email	142596 1	+
		OK Close

4 When the "Succeeded to send the Email" prompt appears, click **X** to close the prompt box and complete the operation.

Message	×
Succeeded to send the Email.	

7.4.3 Sending Network Reports to a Specified Mailboxes Regularly

Follow the steps below to send network reports to your mailbox at a specific time:

1 Select a project and then click \square .

Ruíjie 🖾	🗋 Dashboard 🕅 Project 🔀 Al Assistant 🕸 🛈 🔻 🕄 🚺
ắ Japan Office ∨	
Dverview	Summary Device Client
 Devices 	WiFi Traffic Summary
🕞 Client	-O- Uplink -O- Downlink
Smart Simplicity	Traffic (MB) 800 1
RF Planning	600 01-23 00:20:00 400 0 Uplink : 0.497
Roaming	208.00 • Downlink : 0.500
Configuration	01-22 1520.00 01-22 1750.00 01-22 2020.00 01-22 22:55 01-23 002000 1:20:00 01-23 0550.00 01-23 0620.00 01-23 0650.00 01-23 11:20:00 01-23 13:50:00
≇ Device Config >	
Auth & Account >	
Monitoring	Channel Distribution and Usage 🛛 (Real-time)

2 Switch to the **Delivery Plan** interface. Enable the scheduled delivery function, select the report format, enter the email address, and set the scheduled delivery time, then click **OK**.

Email Setting		×
Send Email	Delivery Plan	
Enable		
Send As	CSV (Report Contents: Summary Device Client) PDF	
Email	+	
Send At	Every Month Select Day(Default:1) Select Time(Default:23:00~23:5) The mail is sent on the 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	
	ок	Close

D Note

- Click the + next to the email address to add multiple email addresses. Up to 3 email addresses are supported.
- If the report document format is set to CSV, you can select the report content. If it is set to PDF, the entire
 content will be sent by default.
- **3** After the "Succeeded" prompt appears, click **X** to close the prompt box and complete the operation.

Message		\boxtimes
	Succeeded	

7.5 Viewing Client Information

In the **Project** interface, click **Client** to go to the client interface. In this interface, you can view the client information in a project. Click the **MAC address** of a client in the client list to view its detailed information.

tujie 🖾	🗋 Dashboard	🗑 Project	88 AI Assista	nt				© 🛪 🗙
& Japan Office ∨								
	Client List 🛛							С 🖄 📰 -
1 Overview							Onlin	e Clients 🗸 Advanced Search 🗸
Devices	IP	MAC	SN	SSID	RSSI Device Alias	Band Traffic (MB)	Manufacturer	Online Time Last Seen On
Client	192.168.2.57	9cb7.0d3e.41f5	G1QD4UU003617	Ruijie-interna	I -34 AP01	2.4G 3.528	Liteon	2025-01-23 13:11:04 -
lient Details							×	
Client Info								
Alias : 🖍		Status	: Online		MA	C: 9cb7.0d3e.41f5		
Online Time: 2025-01	-23 13:11:04	Offlin	e Time :		Upt	ime: 2h 7m 30s		
IP: 192.168.2.57		Termi	nal: Others		OS	: Windows		
Manufacturer : Liteon		SN :	G1QD4UU003617		Ap	Alias : AP01		
SSID : Ruijie-internal								
Experience 🛛								
Traffic(MB)								
3 -								
2-								
1-								
0								
01:00:00							15:17:54	
	ę.							
Delav(ms)		-O- Delay	-O- Pkt Loss Speed		plink -O- Downlink		Pkt Loss Speed(%)	
10							100	
6-				A	٨		- 60	
4 - 2 -				Λ	A		- 40 - 20	
0+	02:57:25 03:57:25	04:57:25 05:57:2	5 06:57:25 07:	57:25 08:57:25	09:57:25 10:57:25	11:57:25 12:57:25	13:57:25 14:57:25	
RSSI 120 1				~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		~	Speed(Mbps) 150	
100 - 80 -					L		- 120	
40 - 20 -					~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Land	- 60	
0 01:00:00 01:57:25	02:57:25 03:57:25	04:57:25 05:57:2	5 06:57:25 07:	57:25 08:57:25	09:57:25 10:57:25	11:57:25 12:57:25	13:57:25 14:57:25	
	T					Ĩ		
							o -	
Online/Offline Record	3						C ## •	
							2025-01-23	
CN	Nine 10		Deci Paul		Online Time	Last Cours On	Undated at	
SN A G1QD4UU003617 A	Allas IP AP01 192.168.2.57	SSID Ruijie-internal	-34 2.4G	3.528 2	025-01-23 13:11:04	Last Seen On	Updated at 2025-01-23 15:17:54	
G1QD4UU003617 A	AP01 192.168.2.57	Ruijie-internal	- 2.4G	56.062 2	025-01-23 00:44:57	2025-01-23 13:11:03	2025-01-23 13:11:51	
G1PHB6Y008688	192.168.2.57	Ruijie-internal	- 2.4G	1.550 2	025-01-23 00:03:53	2025-01-23 00:50:04	2025-01-23 00:50:55	
G1QD4UU003617 A	AP01 192.168.2.57	Ruijie-internal	- 2.4G	0.025 2	025-01-23 00:00:13	2025-01-23 00:03:51	2025-01-23 00:04:34	
G1QD4UU003617 4	AP01 192.168.2.57	Ruijie-internal	- 2.4G	278.293 2	025-01-22 12:25:31	2025-01-23 00:00:11	2025-01-23 00:00:34	
First Previous	Page 1 of 1	Next	Last				10 🔺 Total: 5	
Roaming Record							С 👪 -	
Roam-in AP SN	Sou	rce AP SN	Roam-o	ut AP SN	SSID	Created at	Uploaded at	
			1	No Data				
First Previous	Page 0 of 0	Next	Last				10 🔺 Total: 0	

7.6 Viewing Logs

O&M personnel can view user's operation records in the JaCS. JaCS supports six types of log types, including:

- Operation Logs
- Configuration Logs
- Upgrade Logs
- MESH Logs
- Replace Logs
- Setting Logs

7.6.1 Viewing Operation Logs

Click **Logs** > **Operation Log** to view all operation logs in the current project, including operation time, operator, operation type, operation description, result, and result description.

Ruífie 🖾	🗋 Dashboard 🕅 Proje	ect 88 AI Ass	stant				© ©	≫ ∷	I
Search S									
Dverview	Operation Log 🛛							C #	•
 Devices 					Started at		Ended at 💮	Q Search	
🕞 Client	Time	Operator	Туре	Description		Result	Result Description	Action	
Smart Simplicity	2025-01-23 15:10:10	tokyo_test	Login	Log in successfully		Success	0		
A	2025-01-23 11:21:56	tokyo_test	Tunnel	Create tunnel of [web] type for device [G1RP3LM048305].		Success	OK.		
≎ RF Planning	2025-01-23 11:11:59	tokyo_test	Login	Log in successfully		Success	OK.		
Roaming	2025-01-22 20:21:12	tokyo_test	Login	Log in successfully		Success	0		
Contraction	2025-01-22 19:22:31	tokyo_test	Login	Log in successfully		Success	0		
Configuration	2025-01-22 19:07:38	tokyo_test	Login	Log in successfully		Success	0		
莘 Device Config >	2025-01-22 19:07:20	tokyo_test	Login	Log in successfully		Success	0		
0	2025-01-22 19:07:14	tokyo_test	Login	Log in successfully		Success	0		
Auth & Account >	2025-01-22 18:59:57	tokyo_test	Login	Log in successfully		Success	0		
Monitoring	2025-01-22 17:29:25	tokyo_test	Login	Log in successfully		Success	0		
ា៍ Network Details >	First Previous Page	1 of 1338		Next Last			10 *) Total: 1337	75
Alarms									
🖬 Logs 🔹 🔸									

Click $\hfill\hfi$

Deta	Details								
T L	Time : 2024-09-04 18:23:43 Jser : tokyo_test								
Т	Type : Device								
[Description : Delete the unauthorized device [AH45622604883].								
F	Result : Success								
F	Result Description : Delete succeeded								

Supports filtering logs based on time periods.

Operation Log 🛛							е 📰 -
				Started at	En	ded at	Q Search
_		_					
Time	Operator	туре	Description		Result	Result Description	Action
2024-11-15 17:02:23	tokyo_test	Login	Log in successfully		Success	OK.	
2024-11-15 16:38:49	tokyo_test	Login	Log in successfully		Success	OK.	
2024-11-15 16:09:09	tokyo_test	Device	Add device [G1TT5B7000079] to project [1 LitePON].		Success	OK.	
2024-11-15 16:08:21	tokyo_test	Login	Log in successfully		Success	OK.	
2024-11-15 16:02:31	tokyo_test	Login	Log in successfully		Success	OK.	
2024-11-15 15:54:49	tokyo_test	Login	Log in successfully		Success	OK.	
2024-11-15 15:26:19	tokyo_test	Login	Log in successfully		Success	0	
2024-11-15 15:24:38	tokyo_test	Login	Log in successfully		Success	0	
2024-11-15 14:38:33	tokyo_test	Login	Log in successfully		Success	OK.	
2024-11-15 11:49:12	tokyo_test	Login	Log in successfully		Success	OK.	
First Previous Page	1 of 1301	Ne	xt Last			10 🔺	Total: 13007

7.6.2 Viewing Configuration Logs

Click Logs > Config Log to go to the configuration log interface. The configuration log interface is divided into two parts: Action View and Device View, which shows different viewing dimensions. Action View is based on the operation type, and Device View is based on the device SN.

Action View

The Activity View displays the latest record by default. Click + to view more information about the log.

Cor	fig Log								
	Action V	l	LI OO Device View						
Act	on View							C	Q Search
	Status	Operation Type	Started at	Ended at	Devices		Result	Description	
+	Complete	Update full SSID	2023-12-13 20:18:35	2023-12-13 20:18:56	Total/Offline/Not Online Yet: 1	/0/0 Success/Failur In progress/Sc	e: 1/0 heduled/Complete: 0/0	/1 Configuration: [SSID Settin	igs]
Firs	Previou	Page 1	of 1630	Next Last	•			1.) Total: 1630
Act	ion View								C 🚦 🔹 🕅 Q Search
_	Status	Operation Type	Started at	Ended at	Devices		Result	Descriptio	n
-	Complete	Update full SSID	2023-12-13 20:18:35	2023-12-13 20:18:56	Total/Offline/Not Online Yet: 1	1/0/0 Success/Failu In progress/S	re: 1/0 cheduled/Complete: 0/(0/1 Configuration: [SSID Sett	ngs]
	SN				😳 🛛 Q Search	Ċ			
No.	SN	Building Name R	oom ID Remark	AC Network	New SSID New SSID Password	Started at	Ended at	Old SSID Old SSID Password Res	ult_Action
1	G1QD7PW035	557 -	ecb9.	7039.8fc5 Eason_apart_001	test123 Ruijie123	2023-12-13 20:18:35	2023-12-13 20:18:56	Succe	reded 🗉
Firs	t Previou	us Page 1	of 1630	Next Last	×			1.	Total: 1

If you need to export an operation log, click ¹ to export the it. The imported configuration file is shown below:

1	SSID	and Password Ch	nange Form (Outp	out)									
2	NO.	Building Name	Room No	Remark	MAC	Network	New SSID	New SSID Password	Started	Ended	Old SSID	Old SSID Password	Result
3	1				ecb9.7039.8fc5	Eason_apart_001	test123	Ruijie123	2023 12/13 07:18	2023 12/13 07:18			Succeeded
4													
5													

Configuring SSID and password for offline devices

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

Actio	n View											0	
													Search
	Sta	itus 4	0	operation Type	Started at	Ended at	Devices			Result	Description		
+	Co	mplete		Update template	2021-02-16 15:58:17	2021-02-18 15:58:18	Total/Offline/Not Online Yet: 0/0/0	Suc In p	coess/Failure: 0/0 rogress/Scheduled/Co	omplete: 0/0/0	Config: JANPAN-TEST_アルテリ		
+	Co	mplete		Update template	2021-02-16 15:58:17	2021-02-18 15:58:18	Total/Offline/Not Online Yet: 0/0/0	Suc In p	coess/Failure: 0/0 rogress/Scheduled/Co	omplete: 0/0/0	Config: JANPAN-TEST_アルテリ		
+	Co	mplete		Apply template	2021-02-10 15:58:15	2021-02-18 15:58:18	Total/Offline/Not Online Yet: 0/0/0	Suc	coss/Failure: 0/0 rocress/Scheduled/Co	molete: 0.0.0	Group name: JANPAN-TEST_7/J		
-	Co	mplete		Update full SSID	2021-02-16 15:34:08	÷	Total/Offline/Not Online Yet: 8/2/2	Suc In p	rogress/Scheduled/Co	omplete: 0/0/6	Configuration: (SSID Settings)(NEV		
s	N.						Q Search	1					
	SN	Building NameRo	om Rema	k MAC	Network	New SSIDs	New Passwords	Started at	Ended at	Old \$SIDS	Old Passwords	Result	Action
15A	8090101	5000000000	1 1800000	000 0017.2E9A.	D JAPAN_APART- BRIDGE 200000000001 #######01	SSID-bhY3rR,SSID-Mi4THn	dTR4GLID,BINY565T	2021-02-16	2021-02-16	SSID-bhY3rR,SSID-Mi4THn	dTR4GLtD,BINY565T	Never online	. 🕀
109	8090924	5000000000 001	10 1800000 3 00	000 0017.2E9C. AB2	4 JAPAN_APART- BRIDGE_200000000001_ダダダダダ01	SSID-ATARry,SSID-rR8nfm,SSID-tHhEY7,SSID- 8Rh334	6t7rthAl,544Ae/Fq.eLN8Fend,MALmLtmA	2021-02-16 15:41:28	2021-02-16 15:41:28	SSID-ATARry,SSID-rR8nfm,SSID-tHhEY7,SSID- 8Rh334	5r7rthAi,544Ae/Fq.eLN8Fend,MALmLtmA	Failed	e
168	8090750	5000000000	0 1800000 4 0012	000 0017.2EPC. C7A	7 JAPAN_APART- BRIDGE 2000000000001 がががががか01	SSID-ejneYB,SSID-brHjBA	7nebbaf7,Fan4JeJN	2021-02-16 15:34:09	2021-02-16 15/34/08	SSID-ejneYB,SSID-brHjBA	7nebbaf7,Fan4JeJN	Offine	•
177	8090791	5000000000	10 1800000 2 00	000 0017.2E9C. 89D	F JAPAN_APART- BRIDGE 200000000001 ダダダダダク01	SSID-99999,SSID-77777,SSID-00000,SSID-PPPPP	PASS00000,PASS11111111,PASS22222222,PA SS33333333	2021-02-18	2021-02-16	SSID-1466qh,SSID-mHq5/F,SSID-eeT8mb,SSID- Av,Jh43	qd7GnTii,H8qaQRyL,MJBDrtAa,QrrneMD H	Succeeded	•
CALC	0		1500000	000 0074.9192.2 d4	b JAPAN_APART- BRIDGE 2000000000001 ダダダダダグ01	SSID-1111111,SSID-2222,SSID-0AZWSX,SSID- EDCRFVTGBYHN	qazwsx123,qaxwsx1234444,qazwsx12345,hhhh hhhh	2021-02-16 15:34:08	2021-02-16 15:34:08			Offine	E
G1Pt	08	10000-1	0 1500000 10 001	000 300d.9ee8.7 ea	1 JAPAN_APART- BRIDGE_200000000001_ダダダダダ03	SSID-1111111,SSID-22222,SSID-QAZWSX,SSID- EDCRFVTGBYHN	qazwsx123,qaxwsx1234444,qazwsx12345,hhhh hhhh	2021-02-16 15:34:08	2021-02-16 15:39:24	SSID-1111111.SSID-22222.SSID- EDCRFVTGBYHN.SSID-QAZWSX	gazwsx123.gaxwsx1234444,hhhhhhhh,ga zwsx12345	Falled	•
G1PC	08PW0279 791W	5000000000	10 1500000 2 003	000	JAPAN_APART- BRIDGE_2000000000001 ダダダダダ01	SSID-00000.SSID-77777.SSID-00000.SSID-PPPPP	PASS00000.PASS11111111,PASS22222222.PA SS33333333	2021-02-18 15:34:08	2021-02-16 15:34:08	SSID-nFLNtA	d5DTmang	Never online	. 🖻
G1PH	486Y00928 B		1500000	000 c0b8.e67e.d 79	6 JAPAN_APART- BRIDGE_200000000001_ダダダダダ01	SSID-1111111,SSID-22222,SSID-QAZWSX,SSID- EDCRFVT0BYHN	qazwsx123,qaxwsx1234444,qazwsx12345,hhhh hhhh	2021-02-16 15:34:08	2021-02-16 15:34:36	SSID-trar/YM	h4aTQf35	Succeeded	E
						First Previous Pa	ige 1 of 1 Next Last					10 🔺	8 in total

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	С	D	E	F	G	Н		J	K	L	M
SS	D and Password Ch	ange Form (Outpu	it)									
ID	Building Name	Room	Remark	MAC	Network	New SSIDs	New Passwords	Started	Ended	Old SSIDs	Old Passwords	Result
1	5000000000001	101	18000000000	0017.2E9A.D9CC	GE_2000000000	0-bhY3rR,SSID-Mi	TR4GLtD,BiNY5t5	2021 02/16 15:34	2021 02/16 15:34)-bhY3rR,SSID-Mi	TR4GLtD,BiNY5t5	Never online
2	50000000000000	103	180000000000	0017.2E9C.4AB2	GE 2000000000	D-rR8nfm,SSID-tHI	AefFq,eLN6Fend,	2021 02/16 15:41	2021 02/16 15:41)-rR8nfm,SSID-tHI	AefFq.eLN6Fend.	Failed
3	5000000000000	104	1800000000012	0017.2E9C.7C7A	GE 2000000000	D-ejneYB,SSID-bri	nebbaf7,Fan4JeJi	2021 02/16 15:34	2021 02/16 15:34	D-ejneYB,SSID-brl	rebbaf7,Fan4JeJt	Offline
4	50000000000001	102	180000000000	0017.2E9C.F89D	GE 2000000000	-77777,SSID-000	1111111,PASS222	2021 02/16 15:34	2021 02/16 15:34	-mHq5jF,SSID-ee	IgaQRvL,MJBDrtA	Succeeded
5			150000000002	0074.9192.2bd4	GE_2000000000	22,SSID-QAZWS)	sx1234444,qazws	2021 02/16 15:34	2021 02/16 15:34			Offline
6	10000-1	3000	1500000000001	300d.9ee8.71ea	GE_2000000000	22,SSID-QAZWS)	sx1234444,qazws	2021 02/16 15:34	2021 02/16 15:39	22,SSID-EDCRFV	sx1234444,hhhhhł	Failed
7	5000000000002	102	150000000003		GE_2000000000	-77777,SSID-000	111111,PASS222	2021 02/16 15:34	2021 02/16 15:34	SSID-nFLNtA	d5DTmanq	Never online
8			150000000002	c0b8.e67e.d679	GE_2000000000	22,SSID-QAZWS)	sx1234444,qazws	2021 02/16 15:34	2021 02/16 15:34	SSID-trarYM	h4aTQf35	Succeeded

Device View

In the **Device View** interface, you can view the configuration log according to the device's SN. Click **Action** column to view the push status of each configuration item.

Config Log								
Action View	De	LIOO evice View						
Device View								е 🚛 -
						SN	Q Advance	ed Search \vee
Device SN		Operati	on Type		Started at	Ended at	Status	Action
G1RP5EB02911C		Configuration fail	s and re-configure		2024-11-15 00:00:02	2024-11-15 00:35:41	Failed	
G1RP5EB02911C		Update	template		2024-11-14 15:08:28	2024-11-14 15:08:29	Failed	
G1QD4UU003617		Update	template		2024-11-14 15:08:28	2024-11-14 15:08:30	Succeeded	8
G1RP5EB02911C		Update	template		2024-11-14 15:08:16	2024-11-14 15:08:16	Failed	
G1QD4UU003617		Update	template		2024-11-14 15:08:16	2024-11-14 15:08:18	Succeeded	
G1QD4UU003617		Configure ch	annel power		2024-11-14 15:04:43	2024-11-14 15:04:44	Succeeded	
G1QD4UU003617		Configure ch	annel power		2024-11-14 15:04:16	2024-11-14 15:04:17	Succeeded	
G1RP5EB02911C		Configuration fail	s and re-configure		2024-11-14 00:00:02	2024-11-14 00:35:52	Failed	
301606444488150		Initial online	of the device		2024-11-13 17:51:29	2024-11-13 17:51:29	Succeeded	
G1QPB36004695		Update	full SSID		2024-11-13 16:10:28	2024-11-13 16:10:40	Succeeded	
Config Execution List					[×
All	~	·				C Search		
Config Item	Started at	Ended at	Online Status			Message		
Telnet Login	2024-11-15	2024-11-15	Succeeded			Success		
CWMP Interval	2024-11-15	2024-11-15	Succeeded			Success		
NAT Address Pool	2024-11-15	2024-11-15	Succeeded	You do not need to	deliver the address pool cor	nfiguration to the SSID which does not	support NAT forward	ing mode.
SSID Settings(Apply All)	2024-11-15	2024-11-15	Succeeded			Success		
SSID Rate Limit	2024-11-15	2024-11-15	Succeeded			Success		
5G-Prior Access(Apply All)	2024-11-15	2024-11-15	Succeeded			Success		
802.1x Radius Server	2024-11-15	2024-11-15	Not needed			Not needed		
Settings(Apply All) SSID Auth Settings(Apply	00:00 2024-11-15	00:00:19 2024-11-15	Succeeded			Success		
All) Wireless Location	00:00 2024-11-15	00:00:22 2024-11-15	Succeeded			Success		
Settings(Apply All) Wireless Security	00:00 2024-11-15	00:00:25 2024-11-15	Succeeded			Success		
Settings(Apply All)	00:00	00:00:26	Jaccoudu					
First Previous	Page 1	of 3	Next	Last			10 🛌	Total: 25

7.6.3 Viewing Upgrade Logs

Click Logs > Upgrade Log to go to upgrade log interface. Here, you can track the upgrade results.

Upgrade	Log					с н.
				Started at	Ended at	Q Search
Operator	Description	Target Version	Process	Time	Result (Success/Failure/Aborted)	Action
tokyo_test	Upgrade selected 1 device(s)	MA_1.3(1)B8P1, Release(11142512), Revision(d4da55e40)	1/1	2024-11-14 10:35:44	1 / 0 / 0	0 6 0
tokyo_test	Upgrade selected 1 device(s)	MA_1.0(1)B2P1, Release(09212313), Revision(5215)G	1/1	2024-07-29 15:52:37	1 / 0 / 0	0 6 O
tokyo_test	Upgrade selected 1 device(s)	MA_1.3(1)B8P1, Release(11142512), Revision(d4da55e40)	1/1	2024-05-28 18:01:17	1 / 0 / 0	0 6 0
tokyo_test	Upgrade selected 1 device(s)	AP_RGOS 11.9(4)B1P7, Release(09151815)	1/1	2024-05-28 18:01:17	1 / 0 / 0	0 6 0
tokyo_test	Upgrade selected 1 device(s)	AP_RGOS 11.9(4)B1P7, Release(09151815)	1/1	2024-04-10 17:30:13	1 / 0 / 0	0 0
tokyo_test	Upgrade selected 1 device(s)	AP_RGOS 11.9(4)B1P5, Release(09151815)	1/1	2024-04-04 14:32:49	1 / 0 / 0	0 6 8
tokyo_test	Upgrade selected 1 device(s)	AP_RGOS 11.9(4)B1P7, Release(09151815)	1/1	2024-03-14 17:02:05	1 / 0 / 0	0 6 0
tokyo_test	Upgrade selected 1 device(s)	AP_RGOS 11.9(4)B1P7, Release(09151815)	1/1	2024-03-14 16:58:14	1 / 0 / 0	0 G C
tokyo_test	Upgrade selected 1 device(s)	AP_RGOS 11.9(4)B1P8, Release(09151815)	1/1	2024-03-14 16:25:16	1 / 0 / 0	0 6 8
tokyo_test	Upgrade selected 1 device(s)	XS1930J_RGOS 11.4(1)B70P18, Release(10201612)	1/1	2024-03-13 19:54:00	1 / 0 / 0	0 6 0
First	Previous Page 1 of	4 Next Last			10	Total: 37

In the upgrade log operation column, three buttons are provided:

Buttons	Description
	Click this icon to view the details of the upgrade task.
[ə	Click this icon to abandon the upgrade task.
е	Click this icon to try the upgrade again.

You can filter logs by setting a time period, or click *I* the icon in the lower left corner of the **Result** column to filter logs based on upgrade results.

Upgrade	Log					С 🖬 -
				Started at	Ended at	Q Search
Operator	Description	Target Version	Process	Time	Result (Success/Failure/Aborted)	Action
tokyo test	Upgrade selected 1 device(s)	MA 1.3(1)B8P1, Release(11142512), Revision(d4da55e40)	1/1	2024-11-14 10:35:44	1/0/0	🖲 🗔 e
tokyo_test	Upgrade selected 1 device(s)		1/1	2024-07-29 15:52:37	1/0/0	🖻 🖟 e
tokyo_test	Upgrade selected 1 device(s)	- MA_1.3(1)B8P1, Release(11142512), Revision(d4da55e40)	1/1	2024-05-28 18:01:17	1/0/0	■ G e
tokyo_test	Upgrade selected 1 device(s)	AP_RGOS 11.9(4)B1P7, Release(09151815)	1/1	2024-05-28 18:01:17	1/0/0	0 G C
tokyo_test	Upgrade selected 1 device(s)	AP_RGOS 11.9(4)B1P7, Release(09151815)	1/1	2024-04-10 17:30:13	1/0/0	B G e
tokyo_test	Upgrade selected 1 device(s)	AP_RGOS 11.9(4)B1P5, Release(09151815)	1/1	2024-04-04 14:32:49	1/0/0	🖬 🐻 e
tokyo_test	Upgrade selected 1 device(s)	AP_RGOS 11.9(4)B1P7, Release(09151815)	1/1	2024-03-14 17:02:05	1/0/0	B G C
tokyo_test	Upgrade selected 1 device(s)	AP_RGOS 11.9(4)B1P7, Release(09151815)	1/1	2024-03-14 16:58:14	1/0/0	0 G C
tokyo_test	Upgrade selected 1 device(s)	AP_RGOS 11.9(4)B1P8, Release(09151815)	1/1	2024-03-14 16:25:16	1/0/0	E 6 e
tokyo_test	Upgrade selected 1 device(s)	XS1930J_RGOS 11.4(1)B70P18, Release(10201612)	1/1	2024-03-13 19:54:00	1/0/0	🖻 🖟 e
First	Previous Page 1	of 4 Next Last			10 •	Total: 37
Upgrade	Log					
	-			Started at	Ended at	C 📑 –
Operator	Description	Target Version	Process	Started at	Ended at Result (Success/Failure/Aborted)	C 👯 🗸 Q Search Action
Operator tokyo_test	Description Upgrade selected 1 device(s)	Target Version MA_1.3(1)88P1, Release(11142512), Revision(d4da55e40)	Process	Started at Time 2024-11-14 10:35:44	Result (Success/Failure/Aborted)	C III - Q Search Action
Operator tokyo_test tokyo_test	Description Upgrade selected 1 device(s) Upgrade selected 1 device(s)	Target Version MA_1.3(1)88P1, Release(11142512), Revision(d4da55e40) MA_1.0(1)82P1, Release(09212313), Revision(5215)G	Process 1/1	Started at Time 2024-11-14 10:35:44 2024-07-29 15:52:37	Ended at Result (Success/Failure/Aborteo)_ 1/0/ All ~ 1/0/ Success	C III - C Q Search Action
Operator tokyo_test tokyo_test tokyo_test	Description Upgrade selected 1 device(s) Upgrade selected 1 device(s) Upgrade selected 1 device(s)	Target Version MA_1.3(1)88P1, Release(11142512), Revision(d4da55e40) MA_1.0(1)82P1, Release(09212313), Revision(5215)G MA_1.3(1)88P1, Release(11142512), Revision(d4da55e40)	Process 1/1	Started at Time 2024-11-14 10:35:44 2024-07-29 15:52:37 2024-05-28 18:01:17	Ended at Result (Success/Failure/Aborteo)_ 1/0/ All ~ 1/0/ Success 1/0/ Failure	C III - C
Operator tokyo_test tokyo_test tokyo_test tokyo_test	Description Upgrade selected 1 device(s) Upgrade selected 1 device(s) Upgrade selected 1 device(s) Upgrade selected 1 device(s)	Target Version MA_1.3(1)88P1, Release(11142512), Revision(d4da55e40) MA_1.0(1)82P1, Release(09212313), Revision(5215)G MA_1.3(1)88P1, Release(11142512), Revision(d4da55e40) AP_RGOS 11.9(4)81P7, Release(09151815)	Process 1/1 1/1 1/1 1/1	Started at Time 2024-11-14 10:35:44 2024-07-29 15:52:37 2024-07-29 15:52:37 2024-05-28 18:01:17 2024-05-28 18:01:17	Ended at Result (Success/Failure/Aborteo)_ 1/0/ All ~ 1/0/ Success 1/0/ Success 1/0/ All ~ All ~	C II C C C C C C C C C C C C C C C C C
Operator tokyo_test tokyo_test tokyo_test tokyo_test tokyo_test	Description Upgrade selected 1 device(s) Upgrade selected 1 device(s) Upgrade selected 1 device(s) Upgrade selected 1 device(s)	Target Version MA_1.3(1)88P1, Release(11142512), Revision(d4da55e40) MA_1.0(1)82P1, Release(09212313), Revision(5215)G MA_1.3(1)88P1, Release(13142312), Revision(d4da55e40) AP_RGOS 11.9(4)81P7, Release(09151815) AP_RGOS 11.9(4)81P7, Release(09151815)	Process 1/1 1/1 1/1 1/1 1/1	Started at Time 2024-11-14 10:35:44 2024-07-29 15:52:37 2024-07-29 15:52:37 2024-05-28 18:01:17 2024-05-28 18:01:17 2024-05-28 18:01:17 2024-05-20 17:30:13	Result (Success/Failure/Aborted) 1/0/ All ~ 1/0/ All ~ 1/0/ Failure Aborted 1/0/ Aborted	C II C C C C C C C C C C C C C C C C C
Operator tokyo_test tokyo_test tokyo_test tokyo_test tokyo_test tokyo_test	Description Upgrade selected 1 device(s) Upgrade selected 1 device(s) Upgrade selected 1 device(s) Upgrade selected 1 device(s) Upgrade selected 1 device(s)	Target Version MA_1.3(1)88P1, Release(11142512), Revision(d4da55e40) MA_1.0(1)82P1, Release(09212313), Revision(d4da55e40) AA_1.3(1)88P1, Release(09212312), Revision(d4da55e40) AP_RGOS 11.9(4)81P7, Release(09151815) AP_RGOS 11.9(4)81P7, Release(09151815) AP_RGOS 11.9(4)81P7, Release(09151815) AP_RGOS 11.9(4)81P7, Release(09151815)	Process 1/1 1/1 1/1 1/1 1/1 1/1 1/1	Started at Time 2024-11-14 10:35:44 2024-07-29 15:52:37 2024-07-29 15:52:37 2024-05-28 18:01:17 2024-05-28 18:01:17 2024-05-28 18:01:17 2024-05-20 13:01:13 2024-04-10 17:30:13 2024-04-04 14:32:49	Ended at Result (Success/Failure/Aborted) 1/0/ 1/0/ 1/0/ 1/0/ All ~ 1/0/ All ~ 1/0/ J/0/ Success J/0/	C II - C C Search Action Action G C G C G C G C G C G C G C G C
Operator tokyo_test tokyo_test tokyo_test tokyo_test tokyo_test tokyo_test	Description Upgrade selected 1 device(s) Upgrade selected 1 device(s)	Target Version MA_1.3(1)B8P1, Release(11142512), Revision(d4da55e40) MA_1.0(1)B2P1, Release(09212313), Revision(d4da55e40) AA_1.3(1)B8P1, Release(09212312), Revision(d4da55e40) AP_RGOS 11.9(4)B177, Release(09151815)	Process 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1	Started at Time 2024-11-14 10:35:44 2024-07-29 15:52:37 2024-05-28 18:01:17 2024-05-28 18:01:17 2024-04:107:30:13 2024-04:147:32:49 2024-03-14 17:02:05	Ended at Result (Success/Failure/Aborted) 1/0/ 1/0/ 1/0/ 1/0/ 1/0/ 1/0/ 1/0/ 1/0/ 1/0/ 1/0/ 1/0/ 1/0/ 1/0/ 1/0/ 1/0/ 1/0/0 1/0/0 1/0/0	C
Operator tokyo_test tokyo_test tokyo_test tokyo_test tokyo_test tokyo_test tokyo_test tokyo_test	Description Upgrade selected 1 device(s) Upgrade selected 1 device(s)	Target Version MA_1.3(1)B8P1, Release(11142512), Revision(d4da55e40) MA_1.0(1)B2P1, Release(09212313), Revision(d4da55e40) AA_1.3(1)B8P1, Release(09212313), Revision(d4da55e40) AP_RGOS 11.9(4)B1P7, Release(09151815) AP_RGOS 11.9(4)B1P7, Release(09151815) AP_RGOS 11.9(4)B1P5, Release(09151815) AP_RGOS 11.9(4)B1P7, Release(09151815) AP_RGOS 11.9(4)B1P7, Release(09151815) AP_RGOS 11.9(4)B1P7, Release(09151815) AP_RGOS 11.9(4)B1P7, Release(09151815)	Process 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1	Started at Time 2024-11-14 10:35:44 2024-07-29 15:52:37 2024-05-28 18:01:17 2024-05-28 18:01:17 2024-05-28 18:01:17 2024-04-01 17:30:13 2024-04-14:32:49 2024-04-14:32:49 2024-03-14 17:02:05 2024-03-14 16:58:14	Ended at Result (Success/Failure/Aborted) 1/0/ All ~ 1/0/ Aborted 1/0/ Aborted 1/0/0 1/0/0 1/0/0 1/0/0	C # +
Operator tokyo_test tokyo_test tokyo_test tokyo_test tokyo_test tokyo_test tokyo_test	Description Upgrade selected 1 device(s) Upgrade selected 1 device(s)	Target Version MA_1.3(1)B8P1, Release(11142512), Revision(d4da55e40) MA_1.0(1)B2P1, Release(09212313), Revision(d4da55e40) MA_1.3(1)B8P1, Release(09212313), Revision(d4da55e40) AP_RGOS 11.9(4)B1P7, Release(09151815) AP_RGOS 11.9(4)B1P7, Release(09151815) AP_RGOS 11.9(4)B1P7, Release(09151815) AP_RGOS 11.9(4)B1P5, Release(09151815) AP_RGOS 11.9(4)B1P7, Release(09151815)	Process 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1	Started at Time 2024-11-14 10:35:44 2024-07-29 15:52:37 2024-05-28 18:01:17 2024-05-28 18:01:17 2024-05-28 18:01:17 2024-04-10 17:30:13 2024-04-10 17:30:13 2024-03-14 17:02:05 2024-03-14 16:25:16	Ended at Result (Success/Failure/Abortec)_ 1/0/ 1/0/ All ~ 1/0/ All ~ 1/0/ All ~ 1/0/ All ~ 1/0/ Aborted 1/0/0 1/0/0 1/0/0 1/0/0 1/0/0	C II O Q. Search III IIII IIIII M G C IIIII IIIIIII M G C IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
Operator tokyo_test tokyo_test tokyo_test tokyo_test tokyo_test tokyo_test tokyo_test tokyo_test	Description Upgrade selected 1 device(s) Upgrade selected 1 device(s)	Target Version MA_1.3(1)88P1, Release(11142512), Revision(d4da55e40) MA_1.0(1)82P1, Release(02212313), Revision(d4da55e40) MA_1.3(1)88P1, Release(02212313), Revision(d4da55e40) AA_RGOS 11.9(4)81P7, Release(09151815) AP_RGOS 11.9(4)81P7, Release(09151815)	Process 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1/1 1	Started at Time 2024-11-14 10:35:44 2024-07-29 15:52:37 2024-05-28 18:01:17 2024-05-28 18:01:17 2024-04-10 17:30:13 2024-04-04 14:32:49 2024-03-14 10:25:16 2024-03-14 16:25:16 2024-03-13 19:54:00	Ended at Result (Success/Failure/Abortec)_ 1/0/ 1/0/ Success Failure 1/0/ All ~ 1/0/ All ~ 1/0/ Aborted 1/0/0 1/0/0 1/0/0 1/0/0 1/0/0 1/0/0 1/0/0	C II

7.6.4 Viewing Mesh Logs

Click **Logs** > **Mesh Log** to go the mesh log interface. In this interface, you can view all Mesh-related log information, including operation type, MAC information, Mesh network, etc.

MESH Log				C #-
				MAC, MESH Network Started at Control Control Started at Control Contro
Operation Type	MAC	MESH Network	Created Time	Content
Device online	ecb9.704e.7aa6	G1RUB1400014B	2024-11-14 13:55:48	デバイス [SN:G1QH8XW000981 モデル:RG-MA2810] がメッシュ ネットワークでオンラインになる
Device online	1082.3dc0.c6bb	G1RUB1400014B	2024-11-14 13:55:48	デバイス [SN:G1RUB14000148 モデル:RG-AP180-PE] がメッシュ ネットワークでオンラインになる
Network is disconnected	ecb9.704e.7aa6	G1RUB1400014B	2024-11-14 13:50:49	デバイス [SN:G1QH8XW000981 モデル:RG-MA2810] はメッシュ ネットワークで切断されています
Network is disconnected	1082.3dc0.c6bb	G1RUB1400014B	2024-11-14 13:50:49	デバイス [SN:G1RUB14000148丨モデル:RG-AP180-PE] はメッシュ ネットワークで切断されています
Device offline	1082.3d34.e2dc	J1A1D11000060	2024-11-13 15:57:07	デバイス [SN:JORUBT6000951 モデル:RG-MA2810] はメッシュ ネットワークでオフラインです
Device offline	105f.0281.e066	J1A1D11000060	2024-11-13 15:57:07	デバイス [SN:J1A1D11000060丨モデル:RG-AP180-PE] はメッシュ ネットワークでオフラインです
Device online	1082.3d34.e2dc	J1A1D11000060	2024-11-13 13:10:18	デバイス [SN:JORUBT6000951 モデル:RG-MA2810] がメッシュ ネットワークでオンラインになる
Device online	105f.0281.e066	J1A1D11000060	2024-11-13 13:10:18	デバイス [SN:J1A1D11000060 モデル:RG-AP180-PE] がメッシュ ネットワークでオンラインになる
Device offline	1082.3d34.e2dc	J1A1D11000060	2024-11-13 09:35:07	デバイス [SN:J0RUBT6000951 モデル:RG-MA2810] はメッシュ ネットワークでオフラインです
Device offline	105f.0281.e066	J1A1D11000060	2024-11-13 09:35:07	デバイス [SN:J1A1D11000060 モデル:RG-AP180-PE] はメッシュ ネットワークでオフラインです
First Previous F	Page 1 of 11	Next	Last	10 - Total: 108

7.6.5 Viewing Replace Logs

Click **Logs** > **Replace Log** to go to the configuration replacement log interface. The log list displays the device's SN number, status, project, IP address, start time, end time, and creation time.

Five status are available in the Status column:

- > Failed: The configuration of the old device failed to be applied to the new device.
- Success: The configuration of the old device has been applied to the new device.
- > Waiting: Waiting for a new device to come online.
- > Replacing: Configuration replacement is in progress.
- > Abort: Configuration replacement task is terminated.

Click the *icon* on the lower right corner of **Status** column to filter the logs according to the replacement status, or filter the operation logs according to the device's SN and operation time period.

Replacement Lo	og List				SN		Started at	Ho Ended at	C ∠ # •
Replaced Device SN	New Device SN	MAC	Status	Retry Times	Config File	Created Time	Begin Time	End Time	Description
G1RP4SZ00626A	G1KDB21052501	5869.6cc5.1cdf	Success	0	G1RP4SZ00626A_1667570463468.txt	2022-11-15 17:04:24	2022-11-15 17:04:25	2022-11-15 17:06:21	Configuration replacement suc
G1RP4SZ00626A	G1KDB21052501	5869.6cc5.1cdf	Success	0	IP_192_168_110_22.txt	2022-11-15 16:52:45	2022-11-15 16:52:45	2022-11-15 16:54:56	Configuration replacement suc
G1RP4SZ00626A	G1KDB21052501	5869.6cc5.1cdf	Success	0	G1RP4SZ00626A_1667570463468.txt	2022-11-15 16:12:38	2022-11-15 16:12:39	2022-11-15 16:14:48	Configuration replacement suc
G1RP4SZ00626A	G1KDB21052501	5869.6cc5.1cdf	Success	0	G1RP4SZ00626A_1667570463468.txt	2022-11-15 15:57:09	2022-11-15 15:57:10	2022-11-15 15:59:08	Configuration replacement suc
G1RP4SZ00626A	G1KDB21052501	5869.6cc5.1cdf	Success	0	G1RP4SZ00626A_1667570463468.txt	2022-11-15 15:48:57	2022-11-15 15:48:57	2022-11-15 15:51:05	Configuration replacement suc
First Previo	us Page	1 of 1		Next	Last				10 Total: 5

If the replacement status is "Waiting" and you need to terminate the configuration replacement task, you can click

the 🚨 icon in the Action column. After the confirmation prompt appears, click OK.

7.6.6 Viewing Setting Logs

Click Logs > Setting Logs to go to the setting log interface. The setting log interface displays the device-specific configuration logs. The log list displays the batch number, SN, status, project, IP address, start time, end time, creation time, and description. The log can be filtered by status, batch number, and time period. Click in the Action column to jump to the eWeb interface of the device.

I	Device-specific Confi	g Log List							C 🖻	
				NO.		SN	Started at	Ended at		Search
	NO.	SN	Status	Project	IP Address	Begin Time	End Time	Created Time	Description	Action
	20240527174851294	G1RQ6YB000309	Success	00Demo用環境	192.168.2.6	5 2024-05-27 16:48:51	2024-05-27 16:49:04	2024-05-27 16:48:51	Success	0
	20240527104314390	G1RQ6YB000309	Success	00Demo用環境	-	2024-05-27 09:43:14	2024-05-27 09:43:27	2024-05-27 09:43:14	Success	-
	20240527104139684	G1RQ6YB000309	Success	00Demo用環境	-	2024-05-27 09:41:40	2024-05-27 09:41:54	2024-05-27 09:41:40	Success	
	20240515185810749	G1RQ6YB000376	Success	00Demo用環境	192.168.2.6	2 2024-05-15 17:58:11	2024-05-15 17:58:29	2024-05-15 17:58:11	Success	۲
	20240515182110666	1234567890ABC	Success	00Demo用環境	192.168.3.2	1 2024-05-15 17:21:11	2024-05-15 17:21:28	2024-05-15 17:21:11	Success	۲
	20240515181215912	G1RQ6YB000376	Success	00Demo用環境	192.168.2.6	2 2024-05-15 17:12:16	2024-05-15 17:12:29	2024-05-15 17:12:16	Success	0
	20240515181127409	G1RQ6YB000376	Success	00Demo用環境	192.168.2.6	2 2024-05-15 17:11:27	2024-05-15 17:11:40	2024-05-15 17:11:27	Success	0
	20240515180402194	1234567890ABC	Success	00Demo用環境	192.168.3.2	1 2024-05-15 17:04:02	2024-05-15 17:04:18	2024-05-15 17:04:02	Success	0
	20240515172809636	G1RQ6YB000376	Success	00Demo用環境	192.168.2.6	2 2024-05-15 16:28:10	2024-05-15 16:28:26	2024-05-15 16:28:10	Success	0
	20240515172601445	G1RQ6YB000376	Success	00Demo用環境	192.168.2.6	2 2024-05-15 16:26:01	2024-05-15 16:26:14	2024-05-15 16:26:01	Success	0
	First Previous	Page 1 of 3		Next Last					10 .	Total: 28

8 System Settings

8.1 Switching the System Language

Currently, Ruijie JaCS supports three languages: Simplified Chinese, English, and Japanese. The system language follows the browser language by default.

To switch the system language, click the 🏾 icon and then select the language you need.

Ruíjie 🖾	🔒 Dashboa	ard 😚 Project	88 Al Assistant						¢ (D 🛛	:	< (
All Projects 25		All Devices	Alarm 12	s 🧕					简体 Eng 日本	k中文 lish s語		
My Created(25) My	Received(5) N	ly Shared(8)										
⊙ Import) ⊙ Add	🕸 Group Ma	nagement 🕲 Tem	plate Management 1	Upgrade Policy	roject Name	Q				0	<u>ī</u> 18	3
Project Name	Alarms	АР	Switch	G.hn	OLT	ONU	Gateway	Created Tim	Ac	tions		
test111	0	0/0	0/0	0/0	0/0	0/0	0/0	2025-01-22 16 🕣	2	<	0	:
AP680	0	0/0	0/0	0/0	0/0	0/0	0/0	2025-01-09 16 🕣	2	<	0	:
2025-01-Test	7	0/3	0/3	0/0	0/0	0/0	0/0	2025-01-09 12 🕣	2	<	6	:
测试	0	0/0	0/0	0/0	0/0	0/0	0/0	2024-12-18 17 🕣	2	<	6	÷
Brd_E_test	0	0/0	0/0	0/0	0/0	0/0	0/0	2024-12-09 14 🕣	2	<	0	1
20241203_2	0	0/0	0/0	0/0	0/0	0/0	0/0	2024-12-03 15 🕣	2	<	0	1
20241203	0	0/1	0/0	0/0	0/0	0/0	0/0	2024-12-03 15 🕣	2	<	0	÷
101	0	0/0	0/0	0/0	0/0	0/0	0/0	2024-10-22 17 🕣	2	<	0	:

8.2 00000JAPAN Wi-Fi Setting

00000JAPAN WiFi is a free Wi-Fi with no requirement for authentication. When a disaster occurs, it can be quickly enabled and deployed to provide Internet access.

As long as the layer-1 network is enabled, the devices of this network and its sub networks will be turned on as well. When the layer-1 network is disabled, the devices will be turned off.

00000JAPAN WiFi is globally disabled by default. To enable 00000JAPAN WiFi, click **1** and then click **00000JAPAN WiFi** to go to the setting interface. The interface shows the names of all layer-1 networks (root networks) under the current tenant. When the 00000JAPAN WiFi function in the network is enabled, all the devices in the subnetworks will simultaneously enable 00000JAPAN WiFi.

Follow the steps below to enable 00000JAPAN WiFi on your network:



Ruffe 🆾 🔒 Dashboard 😚 Project 🖁	B Al Assistant				\$ O		×U
Note: For the Apartment Network, 00000JAPAN WiFi is not delivered t 1. Add/move the device 2. When the device is offline, Wi-Fi settings is changed by eWeb/CLI 3. The number of SSIDs har scached the upper limit 4. Wi-Fi is not configured on the device or not synced from the device 00000JAPAN WiFi Setting	o device in the following within 48 hours	scenarios:					c
Network	Status	Scenario	Online AP(s)	Total AP(s)		Action	
default	OFF	Apartment	0	4		\square	
hotel	OFF	Hotel	0	1			
V1.4.5.2_test	OFF	Apartment	0	0			

2 Enable the function, select the forward mode (only available for non-apartment scenario), and click **OK**.



3 When the confirmation prompt appears, click **OK**.

Message	×
Are you sure you war configuration of	It to change the Wi-Fi i the network??
ок	Cancel

4 When the "Operation succeeded" prompt appears, click **X** to close the prompt box and complete the operation.

Message		
	Operation succeeded	

After the 0000JAPAN WiFi is enabled, "ON" is displayed in the status column.

Ruíjie 🖾 🗋 Dashboard	😚 Project 🛛 🔀 Al Assistant				© () 🛪		L
Note: For the Apartment Network, 00000JAPAN W 1. Add/move the device 2. When the device is offline, Wi-Fi settings is chan 3. The number of SSIDs has reached the upper limi 4. Wi-Fi is not configured on the device or not syn	IFI is not delivered to device in the following so ged by eWeb/CLI t ced from the device within 48 hours	cenarios:						
00000JAPAN WiFi Setting							C	Э
Network	Status	Scenario	Online AP(s)	Total AP(s)		Actio	n	
default	OFF	Apartment	0	4				
hotel	ON	Hotel	0	1		\mathbb{Z}		
V1.4.5.2_test	OFF	Apartment	0	0		\mathbb{Z}		

8.3 Contact/Contact Group Management

Click **Contact** to enter the setting interface. In the **Contact** configuration interface, you can create contacts and contact groups for receiving alarm information.

Ruífie 🖾	🗊 Dashboard	😚 Project 🎖 Al Assistant			👰 🛛 🛪 🗶 🕕
Contact List	Mobile		Email	Description	Alarm Settings 000101APAN WiFi Contact
test	123345	lailingyan1@ruijie.com.cn		test	C û
First Previous	Page 0 of 0	Next Last			10 - Total: 0
					Add

8.3.1 Adding a Contact

Follow the steps below to add a contact:

1 Click Add.

Contact List					
Name	Mobile		Email	Description	Action
test	123345	lailing 1		test	ı ı
First Previous	Page O of 0	Next Last			10 * Total: 0
					Add

2 Fill in the information, and the click **Save**. Name, email address, mobile phone number and description are required.

Add/Edit Contact		\times
Name :	Liu *	
Email :	*	
Mobile :	*	
Description :	TEST	
	Save	Cancel

3 When the "Added succeeded" prompt appears, click X to close the prompt box. The created contact will be displayed in the Contact List.

Message		\times
	Add succeeded	

To edit a contact, click the $\boxed{2}$ in the Action column; To delete a contact, click $\stackrel{{}_{\scriptstyle{\scriptstyle{\scriptstyle{}}}}}{=}$ to delete it.

Gontact List				
Name	Mobile	Email	Description	Action
test-contact	12345678	lailin	aaaaa	2 ū
Liu	122356	Ceci	TEST	2 Ū
First Previous Page 0 or	0 Next	Last		10 Total: 0

8.3.2 Creating a Contact Group

Follow the steps below to create a new contact group:

1 Click Add.

Contact Group				
	Group	Descripti	on Action	
Test	F	or test only	2 ū	
First Previ	ous Page 1 of 1	Next	10 -	Total: 1
				Add

2 Enter a contact group name and description. Both name and description are required.

Add Group		\times
Name		
Description		
	Save	Cancel

3 After filling in the form, click **Save** to complete the operation.

Add Group		\times
Name	Group 1	
Description	for test only	
	Save	Cancel

]

4 When the successful addition prompt appears, click **X** to close the prompt box and complete the operation.

Message		$\mathbf{ imes}$
	Add succeeded	

Once a contact group has been added, it will be displayed in the contact group list. To edit its information,

	12			-	
click	Ľ	in the Action column.	To delete the contact group,	click 🛄	in the Action column.

Contact Group					
	Group		Description	Action	
Test		For test only		2 前	
Group 1		for test only		Ø Î	
First Previous	Page 1 of 1 Next	Last			10 Total: 2
					Add

8.3.3 Adding Contacts to a Contact Group

To add a contact to an existing contact group:

1 In the **Contact Group** list, click *in the* **Action** column of a contact group.

Contact Group			
	Group	Description	Action
Test		For test only	ū
Group 1		for test only	ũ ũ
First Previous	Page 1 of 1 Next	Last	10 🔺 Total: 2
			bbA

2 The contacts that have been created will be displayed in the **All Contacts** box. Select the contact you want to add and click **Add to Group** to add it to the contact group. After adding the contact, click **Save**.

Edit Contact Group				×
Name	Test			
Description	For test only			
Contact Group		<< Add to Group Delete from Group >>	All Contacts	
				Save

3 When the "Add succeeded" prompt appears, click **X** to close the prompt box and complete the operation.

Message		\times
	Add succeeded	

8.3.4 Removing a Contact from a Contact Group

To remove a contact from a contact group:

1 In the **Contact Group** list, click *in* the **Action** column of a contact group.

Contact Group		
Grou	p Description	Action
Test	For test only	ũ 🖸
Group 1	for test only	i S
First Previous Page	1 of 1 Nex Last	10 m Total: 2
		Add

2 After selecting the contact to be removed from the contact group, click **Delete from Group**.

Edit Contact Group				×
Name	Test]
Description	For test only			
Contact Group		< Add to Group Delete from Group >>	All Contacts Liu	
				Save Cancel

3 When the "Delete succeeded" prompt appears, click **X** to close the prompt box.

Message		
	Delete succeeded	
		·

4 The removed contacts will be displayed in the **All Contacts** box on the right. Click **Save**.

Edit Contact Group				\times
Name	Test			
Description	For test only		h	
Contact Group		< Add to Group Delete from Group >>	All Contacts Liu TEST1	
				Save Cancel

5 After the "Update Succeeded" prompt appears, click **X** to close the prompt box and complete the operation.

Message		\times
	Update Succeeded	

9 Account Management

9.1 Changing the Account Information

Follow the steps below to modify the basic information of the account. The account name and registered email address cannot be changed.

1 Click **Account** to enter the modification interface.

Ruífie 🙆 🗋	Dashboard 😚 Pr	roject <mark>88</mark> Al	Assistant		🕸 🕜 🥆 🗶 📘
All Projects	All Devices O	s.	Alarms O		L liuyijing_11@foxm (2) Acccount Sub Acccount Account Role Access Policy
My Created(3) My Received	(0) My Shared(0)				() Logout

2 You can modify the country, time zone, full name, mobile phone number, company name and address of your account. Mobile phone number, company name and address are not mandatory items. After modifying as needed, click **Save**.

User Info			^
	Account :	liuyijing_]
	Email :	liuyijin]
	Country :	Japan 👻)
	Time Zone :	(GMT+9:00)Asia/Tokyo]
	Full Name :	liuyijing_1]
	Mobile Number :	Mobile Number]
	Company :	Company	
	Address :		
		Save	

3 After the "Edit account succeeded" prompt appears, click **X** to close the prompt box and complete the modification.

Message		\times
	Edit account succeeded	

9.2 Changing the Account Password

To changing your account password:

1 Click the account icon and select **Account** to enter the modification interface.

Ruífie 💩	🔒 Das	hboard 🐨 P	Project 🎛 Al	Assistant		© 74 x 🚺
All Projects 3	X	All Devices	×.	Alarms O	2	Iuyijing_1 Account Sub Account Account Account Account Role Account Role
My Created(3)	My Received(0)	My Shared(0)				(!) Logout

2 Click the \vee icon on the Modify Password interface to expand the password modification interface.

Time Zone :	(GMT+9:00)Asia/Tokyo 🗸	
Full Name :	liuyijing_11@foxmail.com	
Mobile Number :	Mobile Number	
Company :	Company	
Address :		
	Save	
Modify Password		

3 After entering the old password and setting a new password, you need to enter the new password again for confirmation, and then click **Save**.

Modify Password			^
	Old Password :		
	New Password :		
	Confirm Password :		
		Save	

4 When the "Password change succeeded" prompt appears, click **X** to close the prompt box and complete the operation.

Message	\times
Password change succeeded	

D Note

If you forget your original account password, please refer to 2.3 Resetting Password to reset it.

9.3 Sub-account Management

9.3.1 Creating a Sub-account

Follow the steps below to create a sub-account for a project:

1 Click **Subaccount** to go to the subaccount management interface.

Ruífie 💩	🗋 Das	ihboard 💮 P	roject 🖁 Al	Assistant		🕸 🛛 🥆 🖊 🚺
All Projects 3	2	All Devices	×.	Alarms O		L liuyijing_1 (c) Acccount Sub Acccount Account Role Access Policy
My Created(3)	My Received(0)	My Shared(0)				() Logout

2 Click Add Sub Account.

Ruíjie 🖾	Dashboard	😥 Project 🔀 A	l Assistant				ŧ	0	≫ >	× 🔳
Sub Account List									С	4 ×
Add Sub Account							Username (Email),	Full N	Q Searc	h
User	name (Email)	Role	Project	Full Name	Mobile	Email	Web CLI	A	ction	
				No Data						
First Previous	Page 0 of 0	Next Last						10 -	Tot	tal: 0

3 Select **New Account**, and then set the project to be managed by the sub-account and fill in the subaccount information.

Add Sub Account	×
Note: If you have a Cloud Details	account, you can share the project and do not need to add a sub account. 🔔
Туре	New Account C Existing Account
Project	ALL
Username (Email)	Please enter email *
Verification Code	Send Code *
Password	*
Language	English
Full Name	
Mobile Number	
Company	
Web CLI	Enable V
Role	Admin •
	Save

Items	Description
Username (Email)	Required. Set the user name (email address). The entered email address must have not been registered on the JaCS.
Verification Code	Required. Enter the verification code sent to your mailbox.

Required.					
Set a subaccount password. The password must contain at least three of the following character types: uppercase letters, lowercase letters, numbers, and special symbols. The password length is 8-16 characters.					
The default language is English, Japanese and Chinese are also supported					
The default language is English. Japanese and Chinese are also supported.					
Set the account name. If it is left blank, it will be set to the username (email address) by default.					
Optional.					
Set your phone number.					
Optional.					
Set company information. Up to 255 characters can be entered.					
Enable or disable Web CLI function. This function is enabled by default.					
Set the subaccount role.					
Four roles are supported by default:					
Admin: owns the administration permissions;					
• Employee: owns the administration permissions;					
Operator: owns the permissions to manage authentication;					
Guest: only owns read permission.					
Support customizing roles. For specific operation steps, please refer to section <u>9.3.3 Customizing Sub-account Roles</u> .					

D Note

If the sub-account only needs reading permissions, you need to set the Web CLI to "Disable". If the sub-account needs operation permissions, set the Web CLI to "Enable" and set the role to "admin".

4 After filling in the information, click **Save** to save it. When the "Added succeeded" prompt appears, click **X** to close the prompt box and complete the operation. The added sub-account will be displayed in the sub-account list.

Message		\boxtimes
	Add succeeded	

9.3.2 Setting an Existing Account to be a Sub-account

To set an existing account to be sub-account to manage projects:

1 Click Add Sub Account.

Sub Account List							с н.
Add Sub Account						Username (Emai	I), Full N Q Search
Username (Email)	Role	Project	Full Name	Mobile	Email	Web CLI	Action
			No Data				
First Previous Page 0 of 0	Next Last						10 Total: 0

2 Select Existing Account, enter the email address, set the role, and click Save to complete the operation.

d Sub Account		
ote: If you have a Cloud etails	account, you can share the project and do not need to add a sub account.	G2
Туре	New Account Existing Account	
Project	Test1 *	
Username (Email)	*	
Role	Admin •	
	Save	Car

9.3.3 Customizing Subaccount Roles

Ruijie JaCS supports four kinds of sub-account roles by default: **Admin** (owns management permissions), **Employee** (owns management permissions), **Operator** (only owns authentication management permissions), and **Guest** (only owns read permissions). These four default roles cannot be deleted.

In addition to these four roles, the JaCS allows users to customize sub-account roles to define the permissions by themselves. The specific steps are as follows:

1 Click Account Role to go to the role management interface.

Ruijie 🖾	🕞 Dashboard 😚 Project 🏼 🕅 /	I Assistant		® Ø ¾
				L liuyijing_11@fo>
All Projects	All Devices	Alarms		Acccount
з 🍣	0	0		Sub Acccount
5	Ũ	õ		Account Role
				Access Policy
My Created(3) My Reco	eived(0) My Shared(0)			() Logout
Click Add.				
Role List 🕒			C Role Permission	Collapse -
bbA	Role		Q Search	
Role	Type Description	Created Time Creator	Action	
Guest	Default Role	- Cecilia1091@163.co	🐵 🥯 Project	
Operator	Default Role	- Cecilia1091@163.co	Al Assistant Augundefined	
Employee	Default Role	- Cecilia1091@163.co	⊕ ⊆ System	
Admin	Default Role	- Cecilia1091@163.co		
First Previous Pag	e 1 of 1 Next Last	_20	Total: 4	
Set the role nan	ne (required), and desc	ription (optional), then click	Save.	
Add			×	
Role			×	
Description				

D Note

- The description can contain up to 128 characters.
- The role name only supports numbers, letters, dashes (-), underscores (_), and special characters ("#", "." and "@"). The supported length is 1-64 characters.

Save

Cancel

4 After setting the role information click **b** to configure account permissions.

					Q Search	R Darmission	
Role	Туре	Description	Created Time	Creator	Action	Dashboard	
Guest	Default Role			Cecilia1091@163.co		Project	
Operator	Default Role			Cecilia1091@163.co		Al Assistant Eundefined	
Employee	Default Role			Cecilia1091@163.co		😠 🔤 System	
Admin	Default Role			Cecilia1091@163.co			
CustomizedRole	Custom		2024-09-23 10:15:20	Cecilia1091@163.co	C 🚯 i		
				Add succeede	Total: 5 ed. Please click here to	edit its permission.	

5 On the **Role Permission** page on the right, check the permissions according to your needs, and then click **Save**.

Role List 🔒 CustomizedR	Role					Role Permission Save Cancel Selec	tall
Add		Role			C Search		llapse
Role	Туре	Description	Created Time	Creator	Action		
Guest	Default Role		-	Cecilia1091@163.co		Germission Germission	
Operator	Default Role		-	Cecilia1091@163.co		- 🔲 🗋 Read	
Employee	Default Role			Cecilia1091@163.co		Write Project	
Admin	Default Role			Cecilia1091@163.co		Overview	
CustomizedRole	Custom		2024-09-23 10:15:20	Cecilia1091@163.co	🗹 🔒 前	- Read	
						Write Read Read Read	

6 When the operation confirmation box appears, click **OK** to complete the configuration.

Message	\times
Are you sure you want to change the permission of the role?	
OK	

After the custom role is created, you can select the custom role on the sub-account adding or editing interface.

Note: If you have a Clou <u>Potails</u>	d account, you can share the project and do not need to add a sub account.
Туре	New Account Existing Account
Project	ALL *
Username (Email)	Please enter email *
Verification Code	Send Code *
Password	*
Language	English
Full Name	0
Mobile Number	
Company	Admin
	Operator
Web CLI	Guest
Role	CustomizedRole Admin 40

9.3.4 Configuring Access Policies for Subaccounts

Follow the steps below to create an access policy for an existing sub-account:

1 Click the 🚨 icon in the Action column of an existing subaccount.

Sub Acco	ount List							е
Add Sub A	ccount						Username (Em	ail), Full N Q Searc
	Username (Email)	Role	Project	Full Name	Mobile	Email	Web CLI	Action
	14 TO 1	Admin	Test1		-		Enable	C 🖸 🛈
First	Previous Page 1 of 1	Next	Last					10 . Tot

2 Select the access policy to be applied and click **Save** to complete the operation.



Note

If there is no access policy, refer to <u>9.4.1 Creating an Access Policy</u> to create an access policy first, and then apply it to the subaccount.

9.3.5 Canceling the Access Policy Applied to the Sub-account

Follow the steps below to cancel the access policy applied to a sub-account.

1 Click the 🖸 icon in the Account column of the sub-account.

ub Account List							e :
dd Sub Account						Username (Em	ail), Full N Q Search
Username (Email)	Role	Project	Full Name	Mobile	Email	Web CLI	Action
14 T 1	Admin	Test1	L L L L L L L L L L L L L L L L L L L		1	Enable	l 🖸 🗊
irst Previous Page 1	of 1 Next	Last					10 Tot

2 Uncheck the access policy, and click **Save** to complete the operation.



9.3.6 Editing Subaccount Information

Follow the steps below to edit the information of an existing subaccount:

1 Click the \square in the Action column of the subaccount to be edited.

Sub Account List							с 🛤 -
Add Sub Account						Username (Em	nail), Full N Q Search
Username (Email)	Role	Project	Full Name	Mobile	Email	Web CLI	Action
1.	Admin	Test1	1 ····	-	A DESCRIPTION OF A DESC	Enable	i a 🖸

2 After modifying the sub-account information, click **Save**. The Email address and project cannot be changed.

Edit Sub Account Note: If you have a Cloud Details	account, you can share the project and do not need to a	للم a sub account. رایع
Project	Test1	*
Username (Email)		*
Language	English 🗸	
Full Name	14	0
Mobile Number]
Company		
Web CLI	Enable	
Role	Admin	0
		Save

3 When the "Edit succeeded" prompt appears, click **X** to close the prompt box and complete the operation.

Message		\boxtimes
	Edit succeeded	
9.3.7 Deleting Subaccounts

Follow the steps below to delete the sub-account information:

1 Click the $\stackrel{\text{le}}{=}$ in the **Action** column of the sub-account to be deleted.

C 🗱 🗸							C 🗱 = 🕅
Add Sub Account						Username (Ema	il), Full N Q Search
Username (Email)	Role	Network	Full Name	Mobile	Email	Web CLI	Action
liuyijing_11@foxmail.com	Admin	Apartment 1	Subaccount		liuyijing_11@foxmail.com	Enable	🗹 🗖 🛄
First Previous Page 1 of 1	Next	Last					10 * Total: 1

2 When the operation prompt box appears, click **OK** to close the prompt box and complete the deletion.

Message	×
Are you sure you want	to delete the account?
ОК	Cancel

3 After the "Delete succeeded" prompt is displayed, click **X** to close the prompt box and complete the operation.



9.4 Access Policy Management

Click account icon icon and click **Access Policy** to go to the access policy management interface. Here, you can configure access policies for subaccounts. By default, the access policy list displays all configured policies under the tenant. Access policies can only be applied to subaccounts. Once an access policy is applied, only the IP addresses specified in the policy are permitted to log in to the subaccount.

Ruífie 🖾	🗋 Dashboard 😚 Project 🎛 A	A Assistant				🍭 🕐 🔺 🗙 🚺
Access Policy List	19/19 someet	Start Date	End Date	Repeat on	Name	L liuyijing_11@foxm (2) Acccount Sub Acccount Account Role
First Previous	Page 0 of 0 Next Last	sui t Dave	No Data	Repear on	Time	() Logout

9.4.1 Creating Access Policies

To create an access policy:

1 Click Add to go to the access policy management interface.

Access Policy List						с 📰 -
Add					Name	Q Search
Name	IP/IP segment	Star	t Date End Date	Repeat on	Time	Action
			No Data			
First Previous	Page 0 of 0	Next Last				10 - Total: 0

2 Fill in the information and click **Save**.

Add		×
Name*		
IP/IP segment *	Public IP, e.g. 193.168.2.1,193.168.2.0/24	
Period *	2024-09-23 - 2099-09-23	
Repeat on *	Please select the repeated day in a week.	
Time *	00:00 v - 23:59 v	
	+Add More	
	Savi	e Cancel

Items	Description
Name	Required. Set the policy name. Length: 1-64 characters. Letters, numbers, and special symbols (-, _ , #, @) are supported.
IP/IP segment	Required. Set IP or IP network segment, such as "193.168.2.1, 193.168.2.0/24".

Period	Required. Set the date range that allows the IP address to access.
Repeat on	Required. Set a repeat day each week. Options: ALL/Monday/Tuesday/Wednesday/Thursday/Friday
Time	Required. Set the time period that allows the IP address to access. To set multiple period, click +Add More .

3 After the policy is added, it is displayed in the **Access Policy List**. Access policies can only be set for subaccounts.

ALL V Search Network	٥			(GMT+9:00)Asia/To	kyo Manage Network Take over	Network Unbind Device
Access Policy List						0 # - X
Add					Name	Q Search
Name	IP/IP segment	Start Date	End Date	Repeat on	Time	Action
Policy1	193.168.2.1	2024-06-18	2024-06-26	Sunday	00:00-23:59	区前
First Previous	Page 1 of 1 Next	Last				10 . Total: 1

9.4.2 Editing Access Policies

Follow the steps below to edit an existing access policy:

1 Click the Click the count of the an access policy.

Access Policy List						с н.
Add					Name	Q Search
Name	IP/IP segment	Start Date	End Date	Repeat on	Time	Action
Policy1	193.168.2.1	2024-11-16	2099-11-17	Sunday	00:00-23:59	i
First Previous	Page 1 of 1	Next				10 . Total: 1

2 After modifying the access policy information as needed, click **Save**.

Edit		×
Name*	Policy1	
IP/IP segment *	193.168.2.1	
Period *	2024-11-16 💿 - 2099-11-17 🗔]
Repeat on *	× Sunday ×	
Time *	00:00 • 23:59 •	Ū
	+Add More	
	2	ave Cancel

3 When the operation confirmation message appears, click **OK** to complete the operation.

Message ×
Are you sure you want to edit the policy?
OK Cancel

9.4.3 Deleting Access Policies

Follow the steps below to delete the corresponding access policy.

1 Click the \square icon in the Action column of the access policy to be deleted.

Access Policy List						с н.
Add					Name	Q Search
Name	IP/IP segment	Start Date	End Date	Repeat on	Time	Action
Policy1	193.168.2.1	2024-11-16	2099-11-17	Sunday	00:00-23:59	C 🔟
First Previous	Page 1 of 1	Next Last				10 Total: 1

2 When the operation confirmation message appears, click **OK**.

Message ×
Are you sure you want to delete the record?
ОК Сапсеі

10 Others

10.1 Online Documentation

You can click the 0 icon to read the online documentation of Ruijie JaCS.

Ruíjie 💩	🗋 Da	shboard 🕅 P	roject <mark>88</mark> Al	Assistant	© 🛪 🗙 🕕
All Projects	2	All Devices	×,	Alarms O	 Release Note

10.2 System Usage Restrictions

No.	Module	Description			
1	Importing Devices in Batches	Up to 200 devices can be imported each time.			
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	SSID	SSIDs can contain numbers, English letters, and "-".			
4	Custom excel template	For an custom Excel template, A to Z columns and 1 to 15 rows are supported to be used.			
5	AP	Account-based policies may not be created for 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.			
6	SSID reverse sync	The Cloud does not support SSIDs containing special characters. If such SSIDs are set on end devices, the Cloud will fail to deliver them after they are synchronized to the Cloud.			
7	00000JAPAN WiFi	In the apartment project, if the device goes offline after 00000JAPAN Wi-F is enabled, and then goes online after 00000JAPAN Wi-Fi disabled, Cloud will not re-configure the Wi-Fi settings on device. You need to clea 00000JAPAN Wi-Fi configuration manually.			
8	AP	In non-apartment project, except for AP180 series access points, please clear the configuration on access points before bringing them online; otherwise, the configuration on devices may be conflict with that on Cloud, and the client may not be able to access the Internet.			
9	AP	In non-apartment project, if the working mode (bridge mode or routing mode) of an AP180 access point is different from that on Cloud, the client may not be able to access the Internet.			
10	Topology	 Only devices connected to the downlink port of the switch can be detected. Only RG-EG5210-JP, XS-1930J series switches, APs, RG-HS2310-16GH2GT1XS and RG-HA3515-DG can be displayed in the topology. 			
		 Only the devices in the same network and subnetwork can be displayed in the topology. 			
		4. DHCP Diagnosis: only supports dynamic IP; the IP address of device can be recognized correctly only after four hours when its address pool range is changed.			
		 When the downlink devices of RG-EG5210-JP are offline, they still can be displayed in the topology for 1 hour, but the traffic information of interfaces cannot be displayed. 			
		6. Loop detection is not supported.			
		 RG-HS2310-16GH2GT1XS and RG-HA3515-DG are displayed in the Topology page only when the root node is RG-HS2310-16GH2GT1XS or when the RG-HS2310-16GH2GT1XS is directly connected to RG- EG5210-JP. 			
11		The uplink ports of some switches cannot be shielded in the topology as the Cloud fails to identify them.			
	TOPOLOGY	Included:			
		XS-S1930J-8GT2SFP, XS-S1930J-8GT2SFP-P			
		NO-019000-100120FF, NO-019000-180120FF-F XS-S10301-24GT4SEP/2GT_XS-S10301-24GT4SEP/2GT-P			
		70-019909-24014011/201, 70-019909-240140FF/201-F			

		XS-S1930J-48GT4SFP				
12	Initial Configuration Template	Now, the template can be applied only to RG-AP180 series access points in project where the scenario is set to apartment.				
13	CLI Command	Only for AP and CAP series products.				
14	WPA3-SAE	Only for RG-MA2610 and RG-MA2810 access points in project where the scenario is set to hotel.				
15	Device Details-Back Up	Only for the project where the scenario is set to apartment.				
16	Project Group Level	Supports a 5-level grouping structure. The final level can only be a project, and no additional projects or groups can be created beneath it.				
17	Upgrade Policy	 Upgrade policies cannot be created in sub accounts and the project being shared. Only for MA and AP180 series access points. 				
		3. Only one upgrade policy can be configured for a device model.				
18	Quick Deployment	1. This feature is applicable only to AP180 series access points.				
	(Supported in the future)	2. Switches only can detect the APs that can access wide area networks.				
19	RG-HS2310- 16GH2GT1XS	Ruijie JaCS doesn't support displaying the configurations of G.hn ports as well as delivering configurations to them.				
20	Project	Up to 200 projects can be created each time when you use the batc template to create projects.				