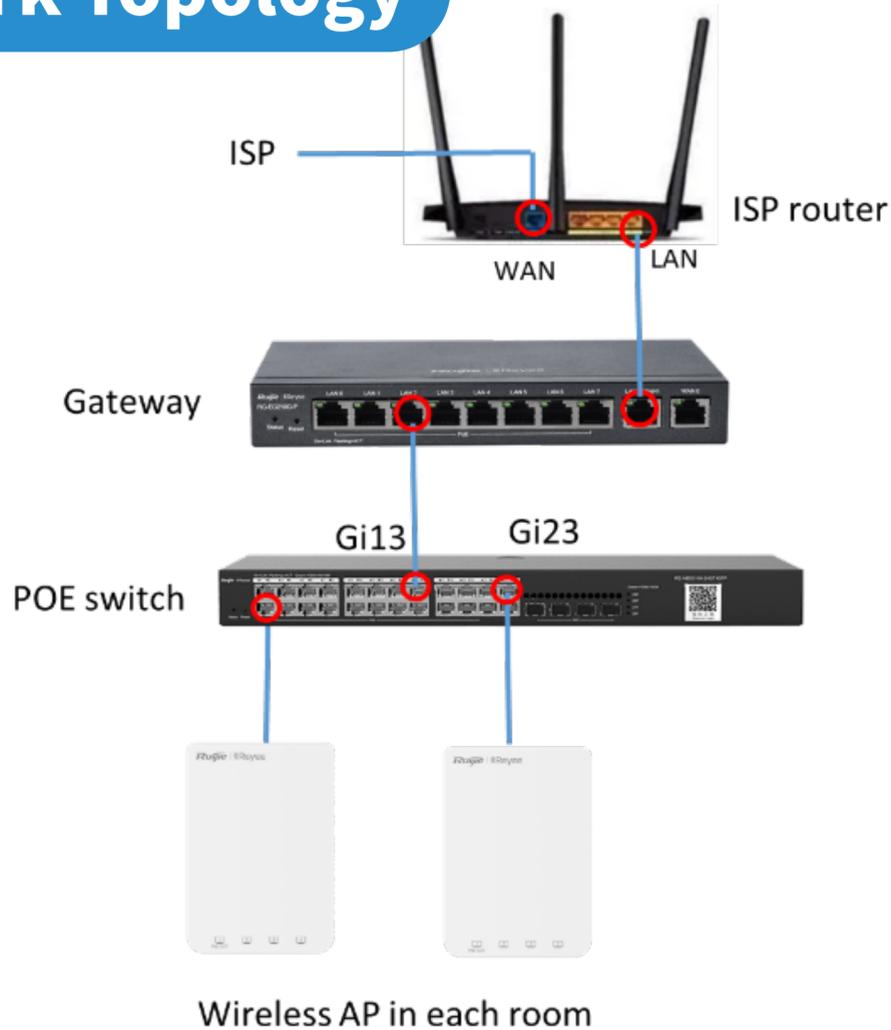


Simple configuration to achieve one WiFi signal for one room in hotel

I. Applicable Scenario

An excellent WiFi experience in a hotel can leave a good impression to the customers. To realize this purpose, it is suitable to deploy one AP in every room of the hotel. And it is better to set an independent wireless name for every room so that customers can recognize the WiFi of their rooms easily. Taking the hotel scenario as an example, this special topic will help you to quickly provision through Ruijie apartment WiFi feature, and also name the WiFi as the hotel number.

II. Network Topology



III. Configuration planning

- 1 Connect all devices to the Cloud and complete the deployment configurations.
- 2 Collect the MAC addresses of APs in every room, and the correspond information between APs and rooms to facilitate the subsequent configurations.
- 3 Configure and deliver the settings on the Ruijie Cloud.

IV. Configure steps

- 1** Make the devices be online on the Ruijie Cloud

You can refer to the '01 Quick Start' chapter of Ruijie Cloud cookbook to create a network and add devices online on the Ruijie Cloud.
- 2** Collect the information

It is necessary to collect the MAC addresses of APs in every room on site and record the corresponding information of APs and room numbers.

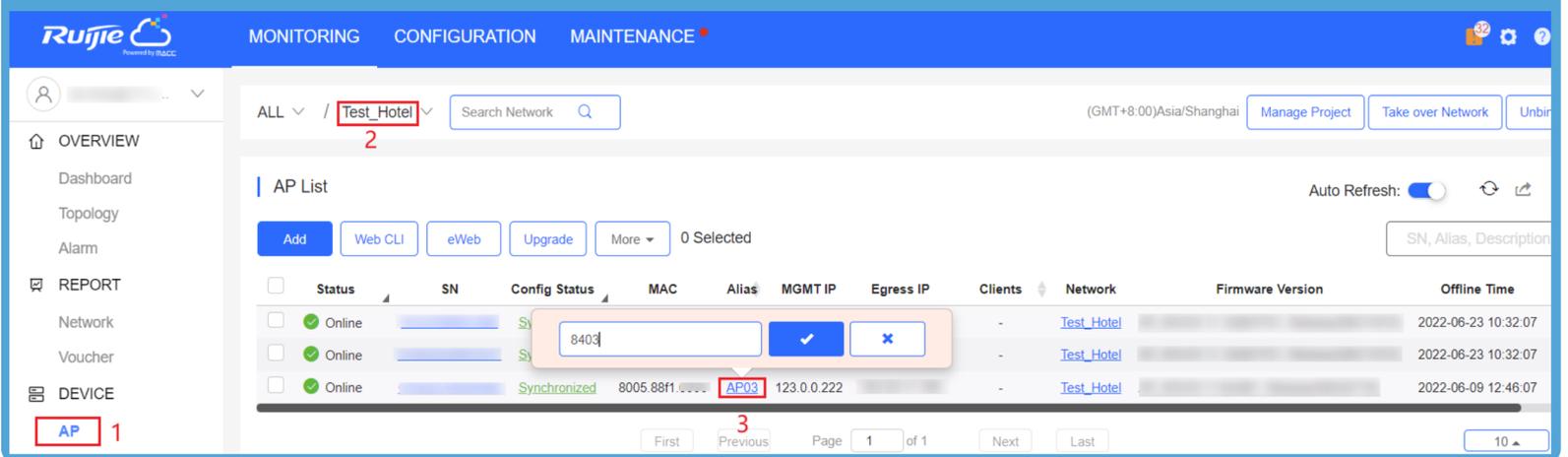
MAC address	Room number
8005. 88aa. xxxx	8401
0074. 9ca8. xxxx	8402
8005. 88f1. xxxx	8403

- 3** Edit the AP's name on Cloud

Log in to the management interface of Ruijie Cloud. Select "AP" → "Corresponding Project Name - Test_Hotel" → "Alias", and edit the name of AP devices based on the corresponding information of APs and room numbers.

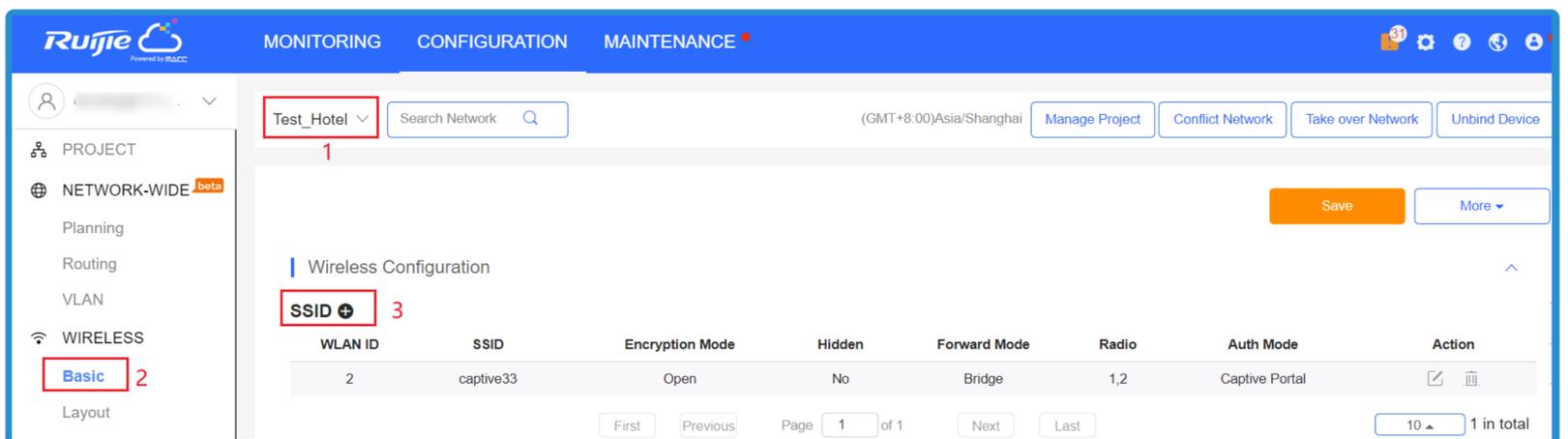
Note

The AP name modified here will be displayed as the WiFi name.



- 4** Configure the SSID

Select "Configuration" → "Wireless-Basic" → "SSID+" to create a new SSID.



Enter the SSID in the pop-up page, then click the "More" button to enable the apartment WiFi with this SSID. Then it will prompt up "Are you want to enable the Apartment WIFI" in the upper right corner. Click 'OK' to continue the configuration.

IV. Configure steps

SSID
✕

WLAN ID:

SSID:

Encryption Mode:

Password:

Hidden: More▼

Forward Mode:

VLAN ID:

Radio: Radio1(2.4GHz) Radio2(5GHz)
 Radio3 (2.4GHz or 5GHz)

Wi-Fi6

5G-Prior Access

Speed Limit per Client

Speed Limit by SSID

Auth

Message
✕

Are you sure you want to enable Apartment WiFi?

Read the instructions on this page and configure the SSID, including VLAN, Radio, and other features. Customize the SSID Prefix as Test_Hotel, which means the SSID names of every room has the same prefix: Test_Hotel.

SSID
✕

🔗 Enable Apartment WiFi to configure APs' SSIDs and passwords differently from each other in batch.

🔗 Each AP's SSID will be in the pattern of "SSID Prefix" + "AP Alias". For example, if the SSID prefix is "GroupSSID-", AP1 alias is "testAP1" and AP2 alias is "testAP2", then AP1 SSID at users end is "GroupSSID-testAP1", and AP2 SSID is "GroupSSID-testAP2". WiFi passwords can be configured differently as well.

🔗 Both SSID and password can be configured when importing APs in batch or adding an AP manually.

🔗 Note: To add an AP to this group after enabling Apartment WiFi, please click in the SSID list to apply the configuration.

WLAN ID:

SSID Prefix:

Radio: Radio1(2.4GHz) Radio2(5GHz)
 Radio3 (2.4GHz or 5GHz)

Hidden:

Forward Mode:

VLAN ID:

Wi-Fi6

5G-Prior Access

Speed Limit per Client

Speed Limit by SSID

After clicking 'OK', a new SSID will be shown in the SSID list. Please click the 'Save' button to deliver all wireless settings to all AP devices in this project.

Test_Hotel ▼

(GMT+8:00)Asia/Shanghai
Manage Project
Conflict Network
Take over Network
Unbind Device

Wireless Configuration

SSID +

WLAN ID	SSID	Encryption Mode	Hidden	Forward Mode	Radio	Auth Mode	Action
2	captive33	Open	No	Bridge	1,2	Captive Portal	
3	Test_Hotel_ (Apartment SSID Prefix)	wpa2-psk	No	Bridge	1,2	Auth Disabled	

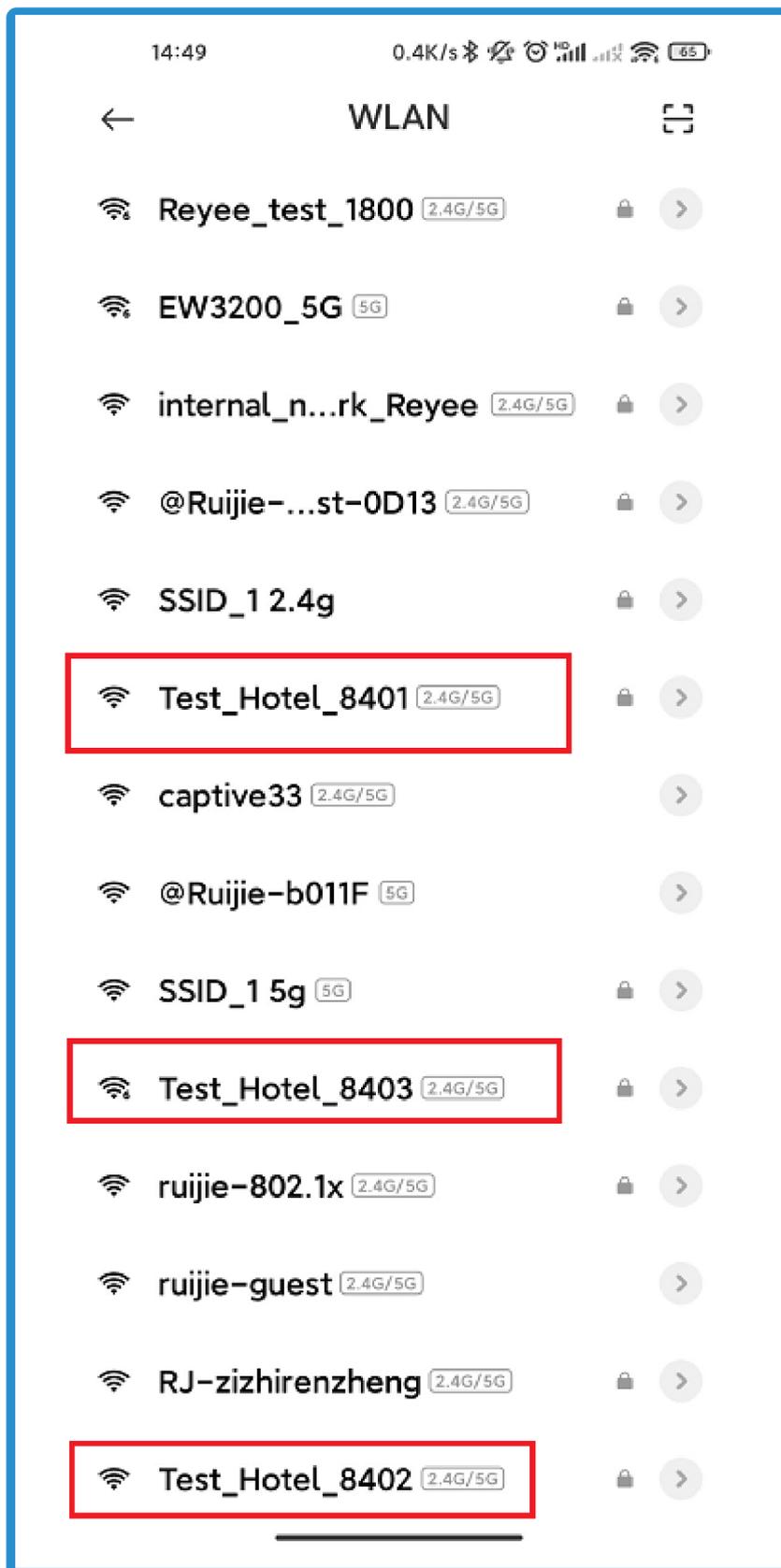
First Previous Page 1 of 1 Next Last

10 ▲ 2 in total

IV. Configure steps

5 Verification

The display rule of the WiFi name is the configured SSID prefix + the AP name (the AP generally names as the room number). For example, the prefix we currently configure is “Test_Hotel” , and the AP name is 8401. When we search the WiFi on the phone, we can see that the WiFi name of the corresponding room is displayed as “Test_Hotel_8401” in the WiFi list.



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