



Ronto Enterprise Networking Solution

Ronto Portal Server Guide

Version: V0.4

Ronto Version: V2.7.2

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Index

1. System Requirements and Network Ports.....	2
1.1 Minimum Hardware Requirements for Portal Server.....	2
1.2 Required External Ports	2
2. Bind Cloud (On-premise Controller Only)	3
3. Remove Cloud Credentials.....	6
3.1 Remove from controller (On-premise controller only)	6
3.2 Remove from Ronto Portal	7
4. Create Ronto Site	10
5. Join an EAP to the Ronto Portal	12
6. Assign an EAP to a controller	14
7. Access the Controller Site / Ronto Site.....	16

1. System Requirements and Network Ports

Before deploying the Ronto Portal and binding an on-premise Controller to the cloud, please ensure that the server environment meets the minimum hardware requirements and that the necessary external ports are properly configured.

1.1 Minimum Hardware Requirements for Portal Server

To ensure stable performance and smooth operation of the Ronto Portal, the following hardware specifications are recommended:

- CPU: Intel Core i7 (12th Gen or later), or equivalent server-grade processor
- Memory: Minimum 16 GB RAM (32 GB recommended for large-scale deployments)
- Storage: Minimum 20 GB free disk space (SSD recommended for performance and reliability)
- OS: Ubuntu 20.04 LTS or later (64-bit), or equivalent Linux distribution

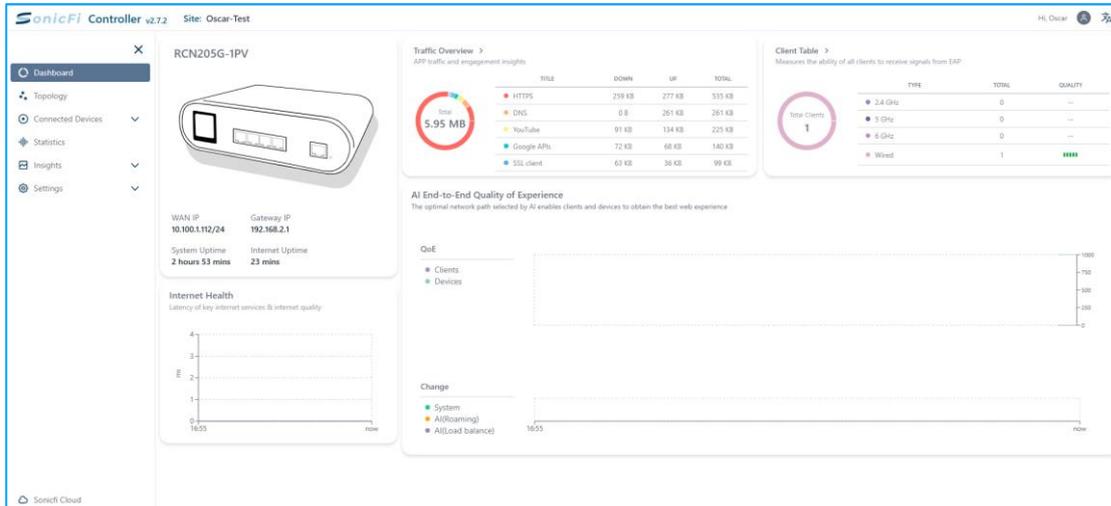
1.2 Required External Ports

Please ensure the following ports are open to allow proper communication between the Controller and Ronto Portal services:

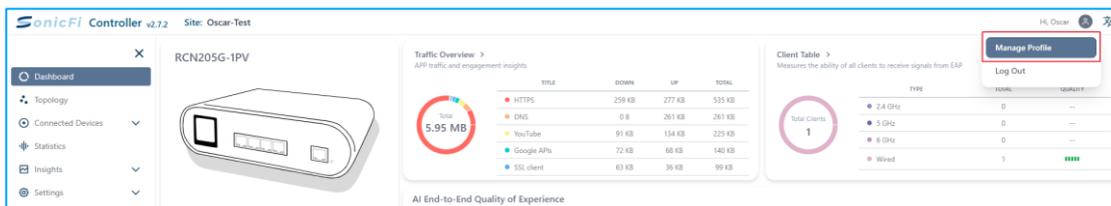
Port Type	Description	Recommended Port
Web Port	The port used for accessing the Ronto Portal website.	443
Controller Connection Port	The port used when the Controller/Ronto Service is binding to the Portal.	7000
Service HTTPS Connection Port	After the Controller/Ronto Service is connected, this port must be open to allow the Portal to display the Controller/Ronto Service's web interface.	8443
WebSocket Port	Required if EAPs/Switches are managed directly by Ronto Portal.	15002
RTTY Server Port	The port used by EAPs/Switches managed by Ronto Portal to connect to the RTTY Server.	5912

2. Bind Cloud (On-premise Controller Only)

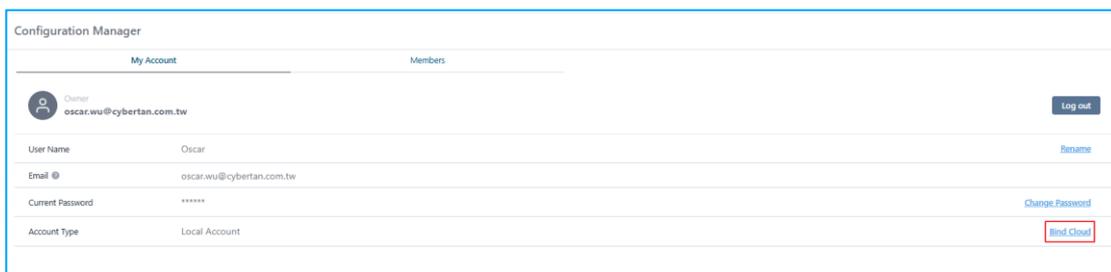
Step1. Login to the controller



Step2. Click “Manage Profile”



Step3. Click “Bind Cloud”



Step4. Fill in relevant information then click the “Bind” button to save the configuration.

Bind Cloud Account

When binding your device to your cloud account, you'll need to re-enter your account credentials for security purposes.

Please input your credentials and click "Bind" below. If you don't have a cloud account yet, [please register first](#).

Email

Password

* Use 8 or more characters with a mix of uppercase letters, lowercase letters, numbers and symbols.

Ronto Portal Domain Port

Site Name

Description

Step5. Click "OK"

Note: It will change controller admin username and password to what you just filled in.

Bind Confirmation

Your local account will sync with this new password.

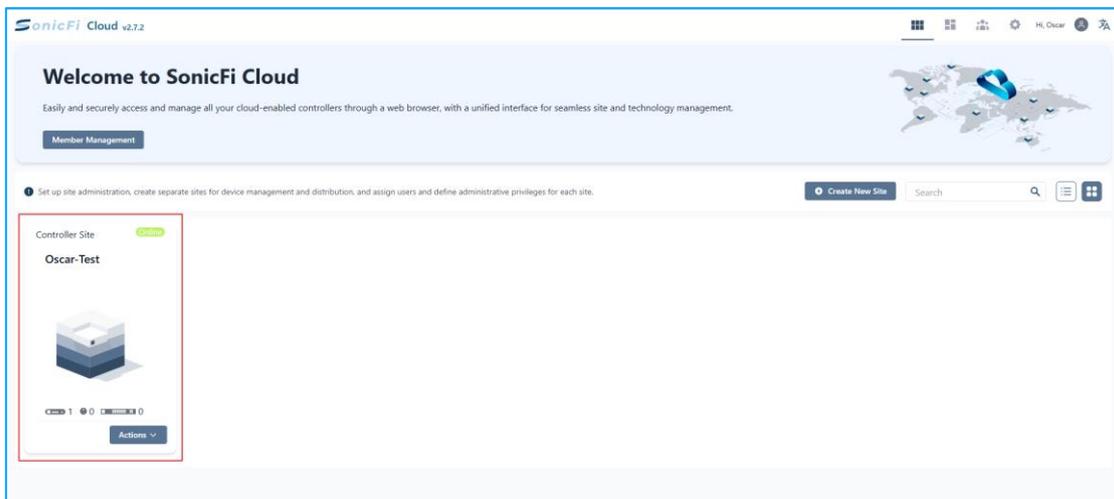
Once confirmed, your device will be logged out. Please log back in using the new account credentials.

Step6. Verify the Controller binds to the Ronto Portal

Login to Ronto Portal

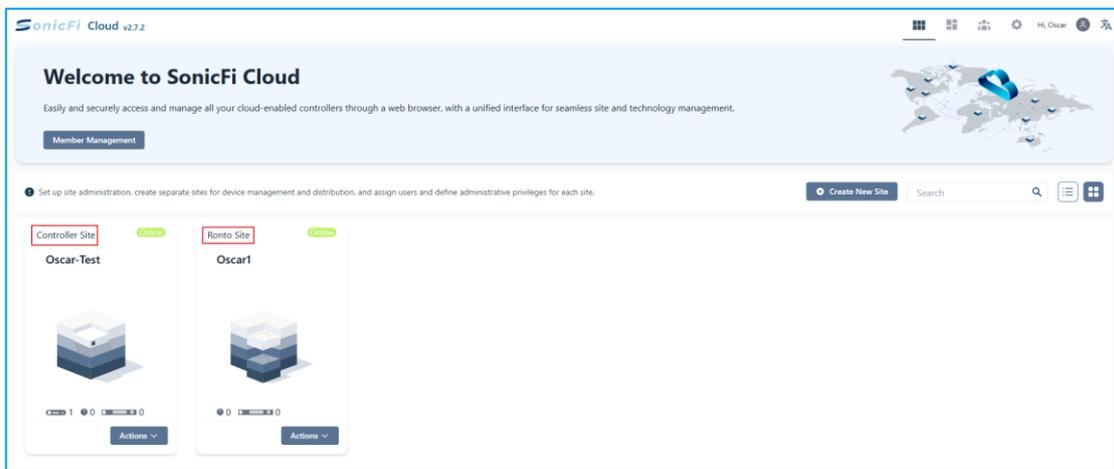


The controller should appear on the page.



Note:

- A physical controller is called “Controller Site”
- A virtual controller is called “Ronto Site”

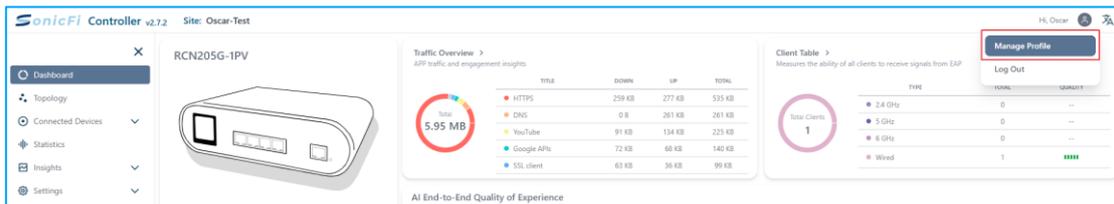


3. Remove Cloud Credentials

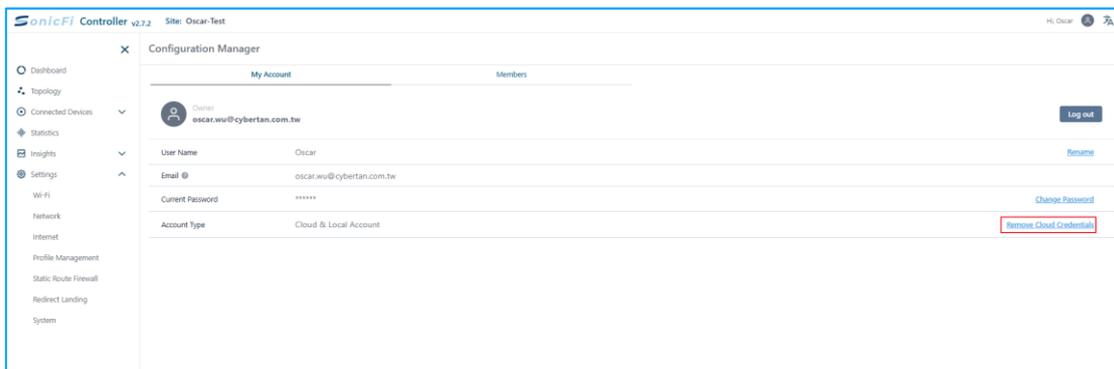
There are two ways to remove cloud Credentials

3.1 Remove from controller (On-premise controller only)

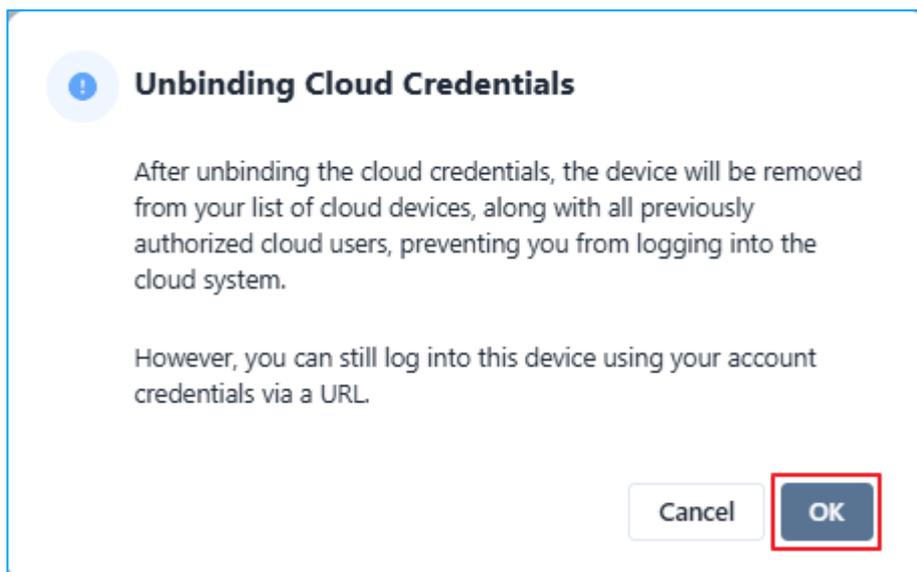
Step1. Login to controller and click “Manage Profile”



Step2. Click Remove Cloud Credentials



Step3. Click “OK”



Fill in admin username and password

!

Security Verification

When unbinding your device from the cloud account, for security purposes, you will need to provide the same account information as your local account for verification.

Email

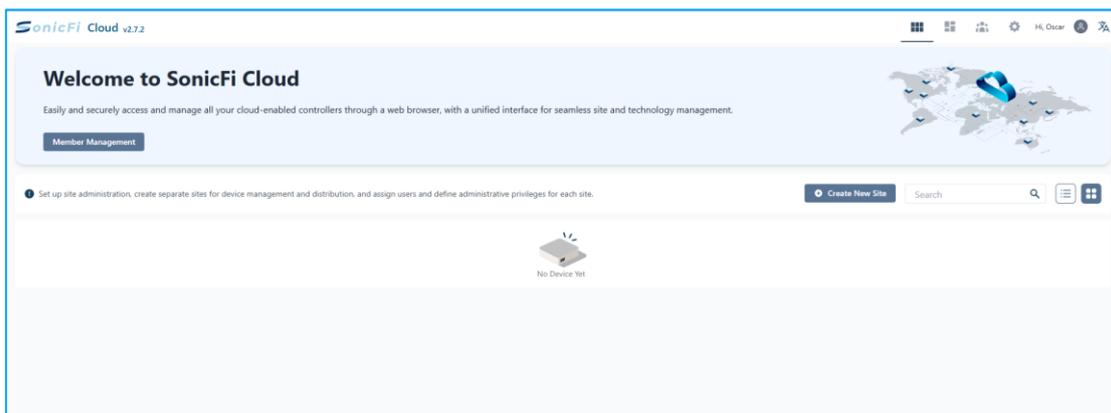
Password

* Use 8 or more characters with a mix of uppercase letters, lowercase letters, numbers and symbols.

Cancel
Remove

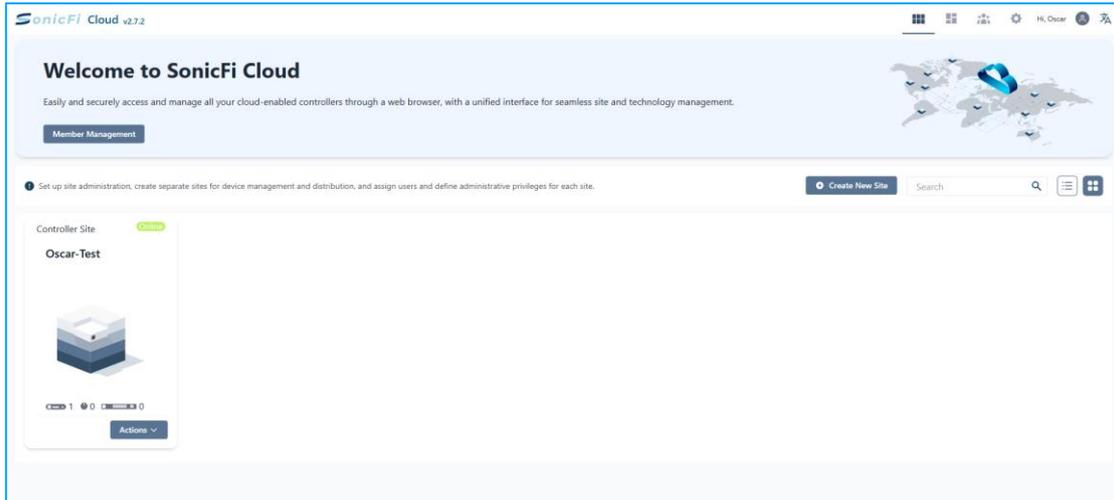
Configuration Manager		Members
	Owner oscar.wu@cybertan.com.tw	Log out
User Name	Oscar	Rename
Email	oscar.wu@cybertan.com.tw	
Current Password	*****	Change Password
Account Type	Local Account	Bind Cloud

Ronto Portal should be empty

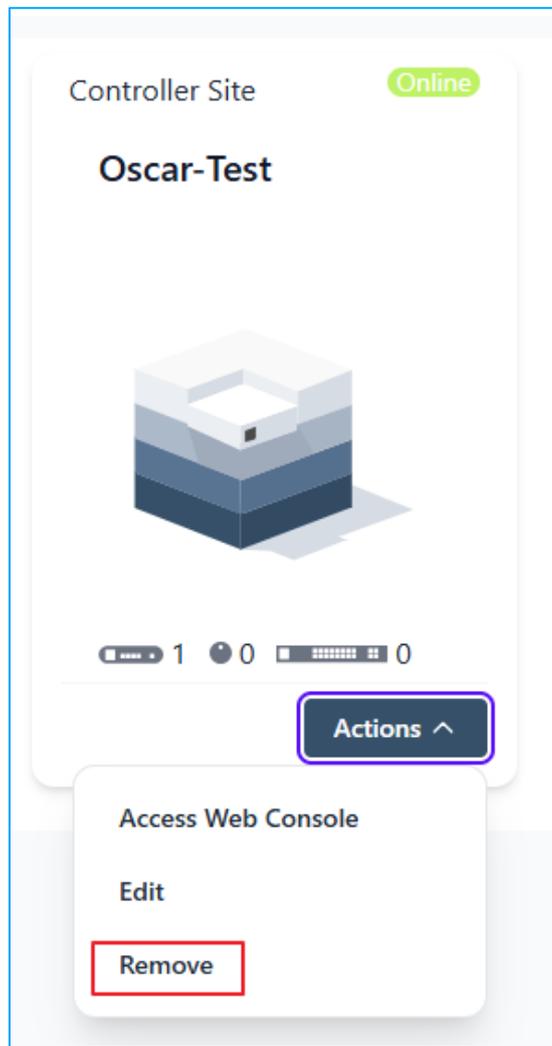


3.2 Remove from Ronto Portal

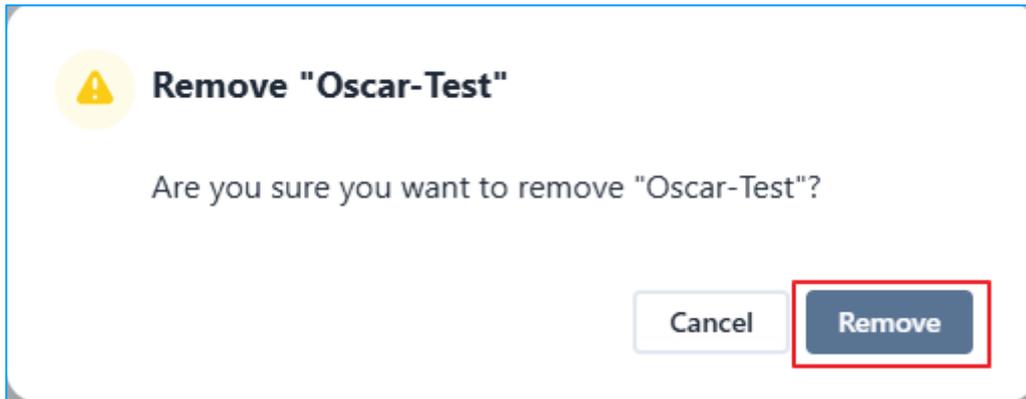
Step1. Login to Ronto Portal



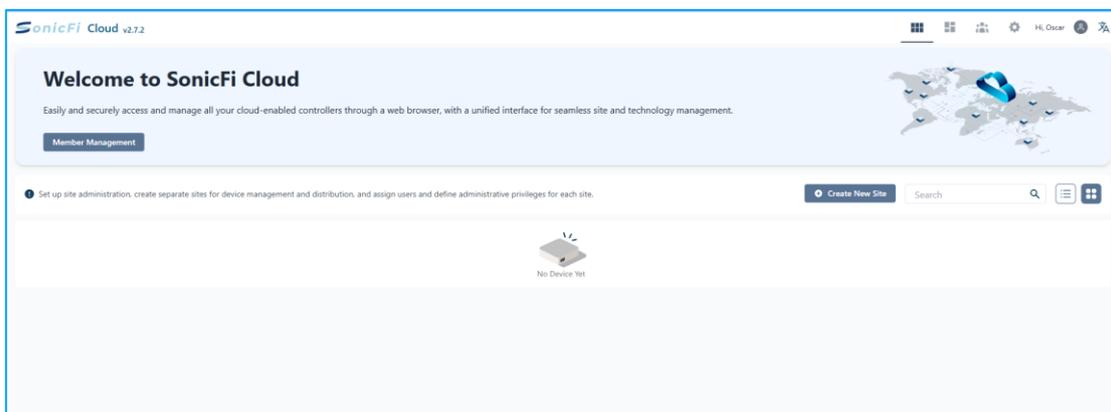
Step2. Click “Actions” under the controller which you want to remove, and click “Remove”



Step3. Click “Remove” again

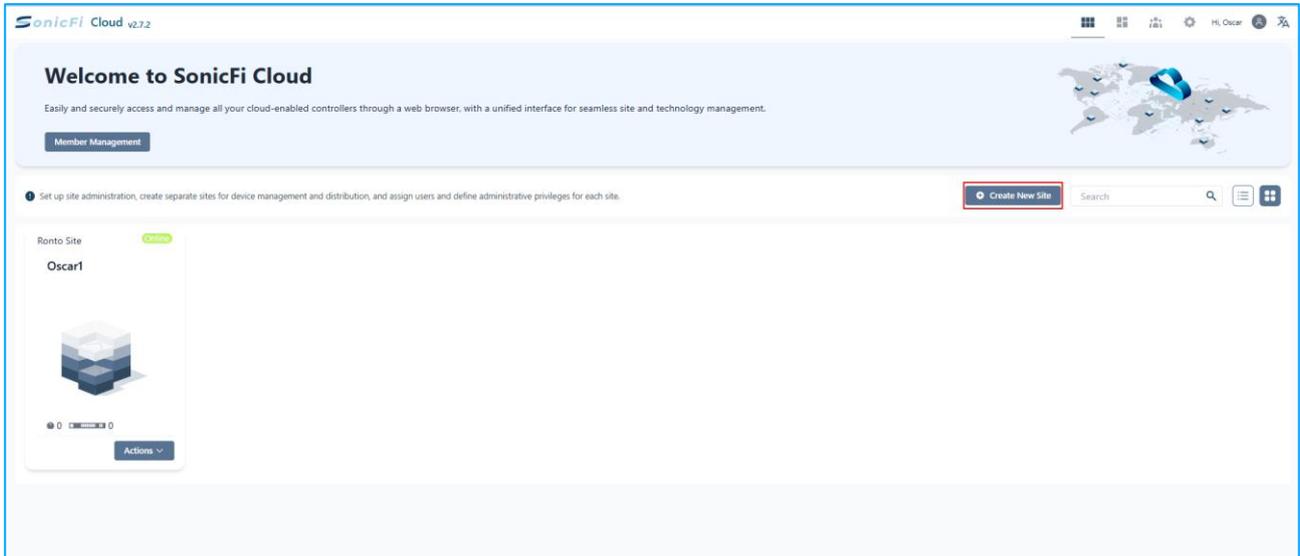


Step4. Then it should remove successfully.



4. Create Ronto Site

1. Click “Create New Site”



2. Fill in the information then click “Apply”

Create New Site

Ronto Site

Site Name

Description

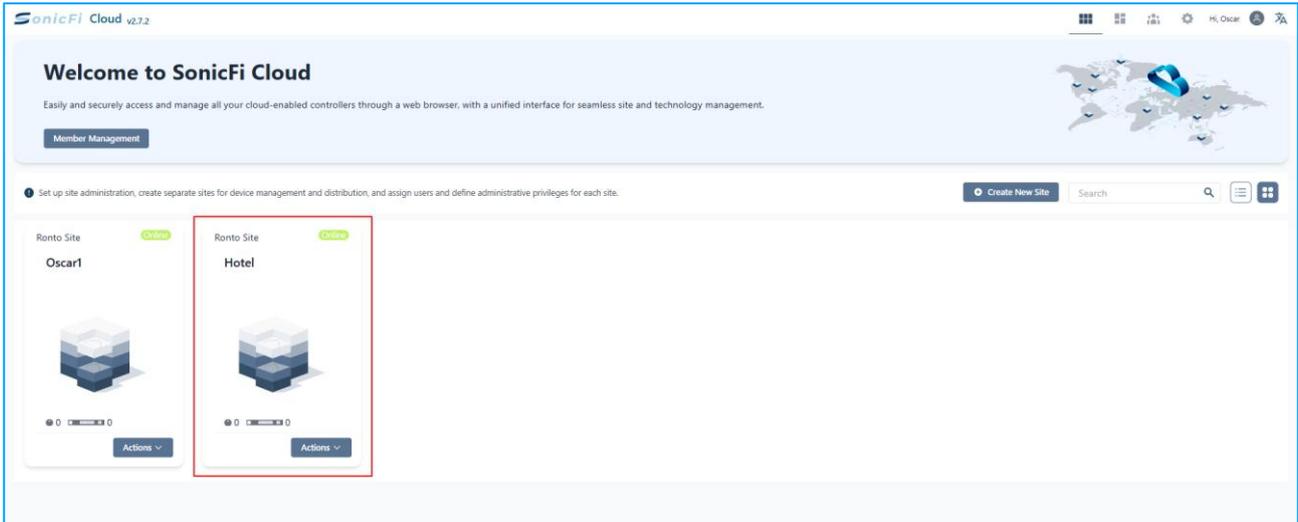
Devices ?

Members

Country

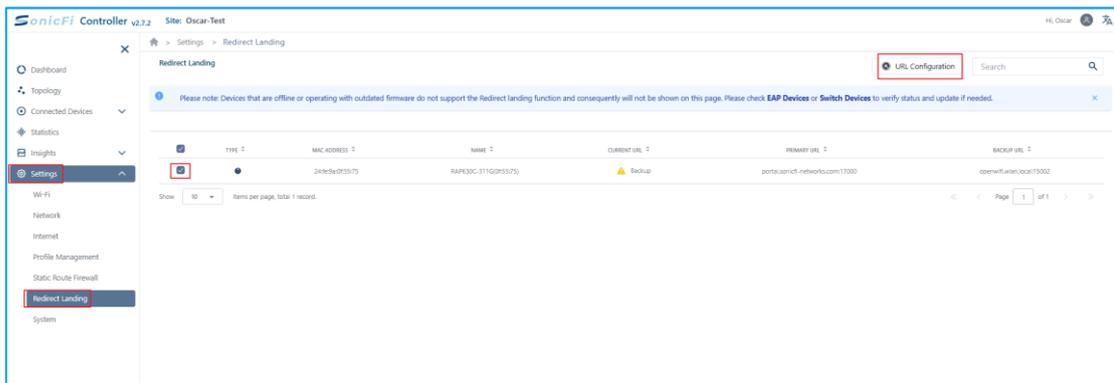
* Select the region as USA, supported 2.4G Channel 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11 / 5G Channel 36, 40, 44, 48, 52, 56, 60, 64, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140, 149, 153, 157, 161, 165. Country cannot be adjusted after it is selected.

It will appear on this page



5. Join an EAP to the Ronto Portal

1. Going to Setting -> Redirect Landing, choose the AP which you want to join Ronto Portal, click "URL Configuration"



2. Fill in the Primary URL domain and backup URL domain of Ronto portal. Click "Save & Apply"

Device Redirect URL Configuration

When adding an item in the Redirection pane, you must enter the domain and port.

Primary URL ?

Main URL for daily device operation. Effective immediately after saving.

Domain Port

Backup URL ?

Device automatically redirects to this Backup URL when the Primary URL is unreachable.

Domain Port

3. Click “Confirm & Overwrite”

URL Redirection

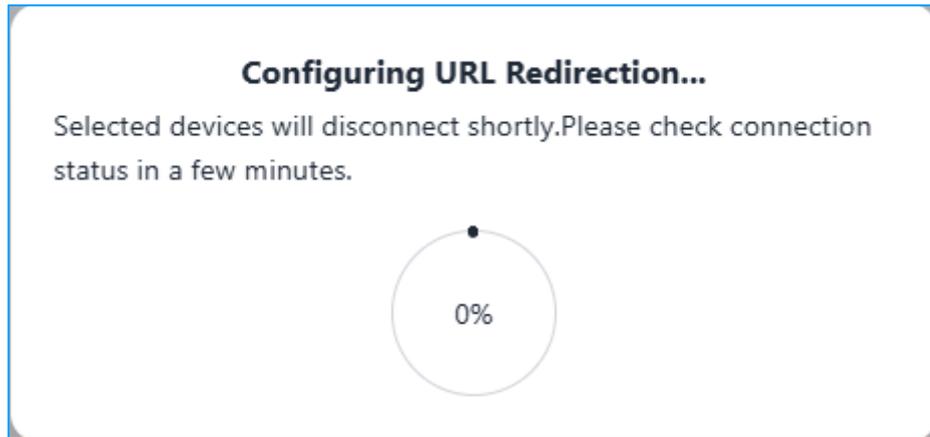
The following devices will be redirected to the new URL:

- RAP630C-311G(0f:55:75)

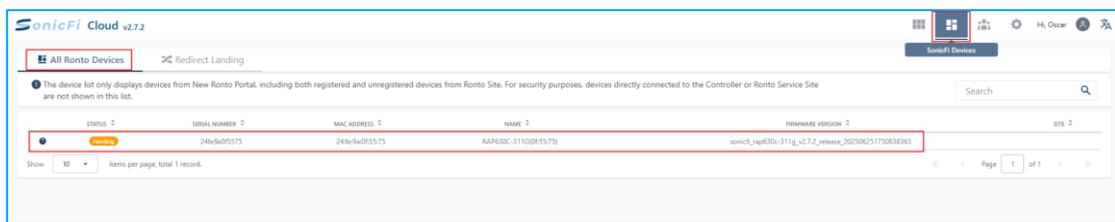
The following changes will take effect:

- The devices will be removed from the current list.
- ws-portal.sonicfi-networks.com will be set as the primary URL.
- openwifi.wlan.local will be set as the backup URL.

Warning: This action will affect all related services and cannot be undone. Are you sure you want to proceed?



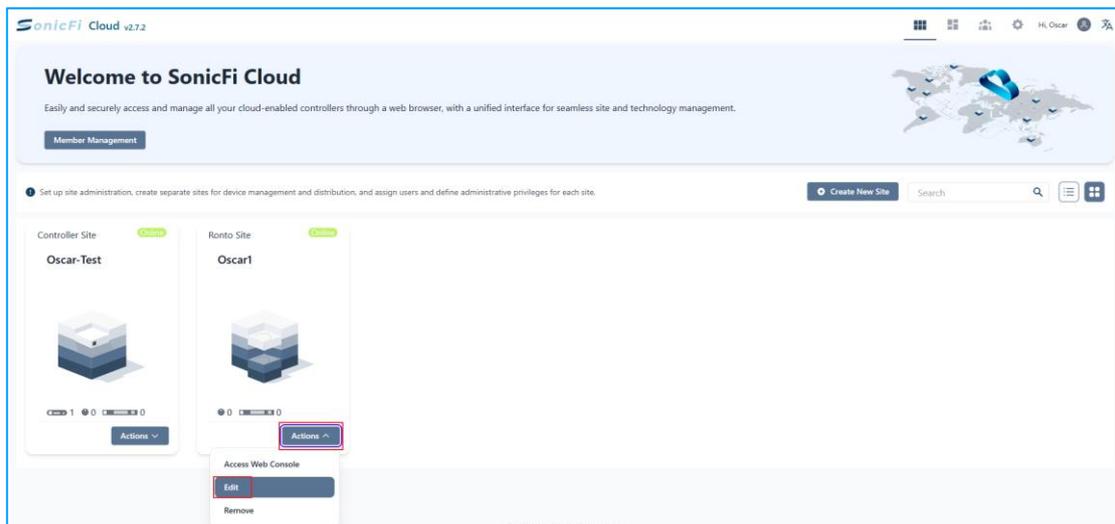
4. Wait about 5 minutes, it will show up in Ronto Portal



6. Assign an EAP to a controller

Note: AP only can assign to a Ronto Site and cannot assign from the Ronto controller to another Ronto controller.

1. Click “Actions” under the controller you want to assign
2. Click “Edit”



3. Select the device you want to assign, then click “Apply”

Oscar1
Ronto Site

Site Name
Oscar1

Description
Enter a brief description of this site (e.g., Main office location)

Devices ?

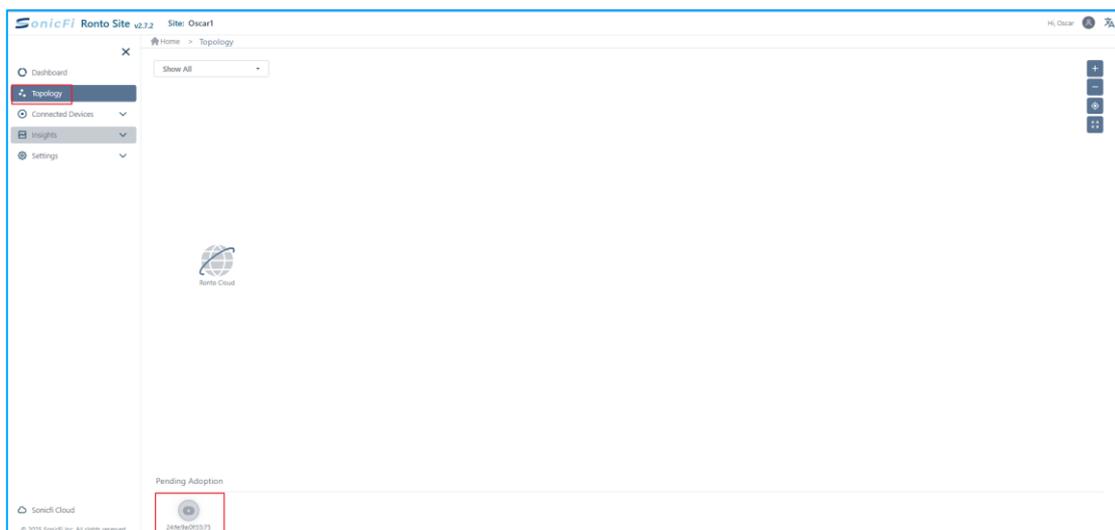
Select...

RAP630C-311G(0f:55:75)

Select...

Cancel Apply

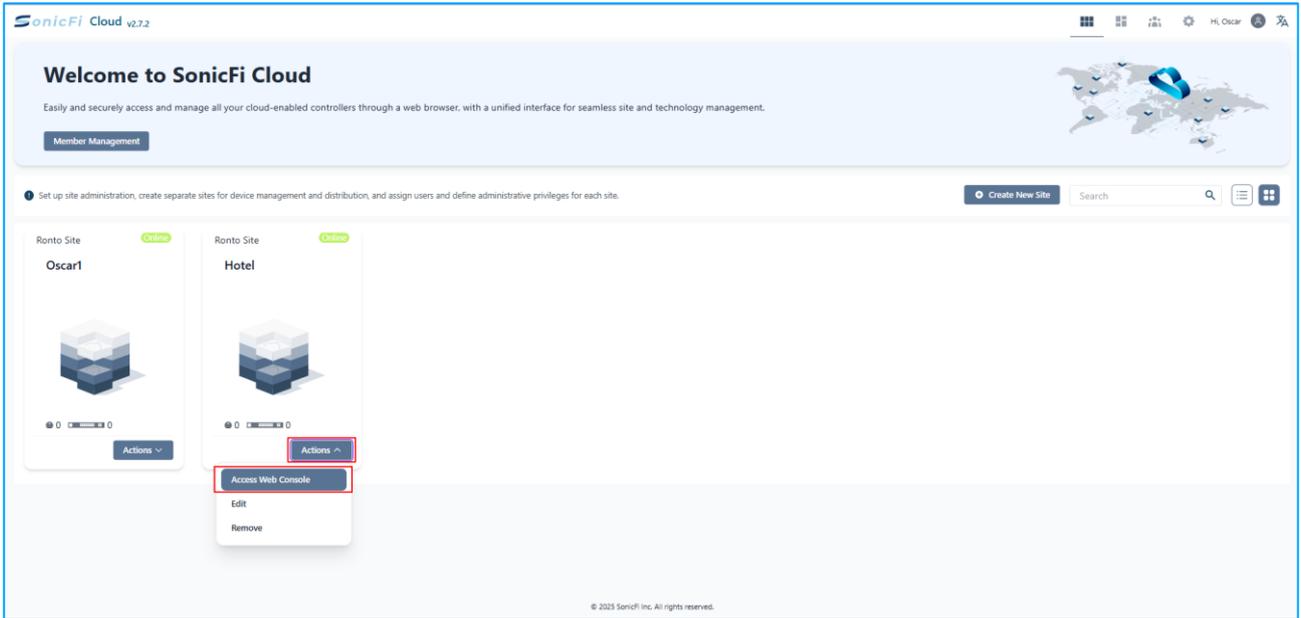
4. Go to Web Console to check AP



5. Assign successful.

7. Access the Controller Site / Ronto Site

1. Click "Actions" and select "Access Web Console"



2. Access successful

