

NetGen Communications, Inc.

YoubiquITY

User Manual

<http://www.netgencommunications.com>



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1. Quick Guide

YoubiquiTy allows you to access your devices located in internal network in a reliable and secure mode. By using YoubiquiTy, you can access your devices whenever and wherever you get an Internet connection, with no need to map the port number on the device's up-link router.

3 steps to quickly use our YoubiquiTy:

Step 1: Registered an account from YoubiquiTy platform <https://cloud.newrocktech.com>.

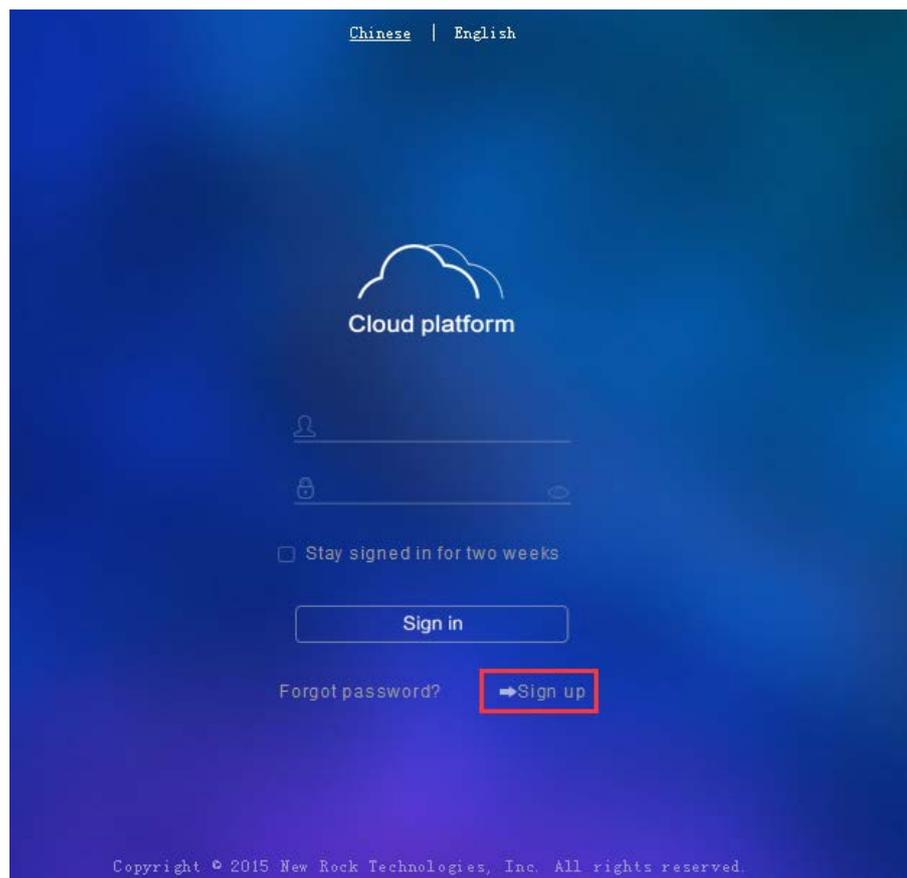
Step 2: Add the device to cloud.

Please log in to the device's Web GUI first, and then open this page <http://device-address/cloud/cloud.html> to add the device to cloud.

Step 3: log in to cloud, and use the services provided by cloud.

2. Sign Up an Account of YoubiquiTy Platform

1. Open <https://cloud.newrocktech.com>, and click **Sign up**.



2. Fill in the information and click **Sign up**.

New Rock id | Create a New Rock id
 A free New Rock id is the key to the kingdom of New Rock cloud. Already have a New Rock id? [Sign in](#)

Sign up with cell phone number Sign up with email address

Email address ✓

Password

The password should be 8 to 16 characters long and contain at least two types of alphabetic, numeric or symbolic character.

Re-enter password

Verification code Refresh

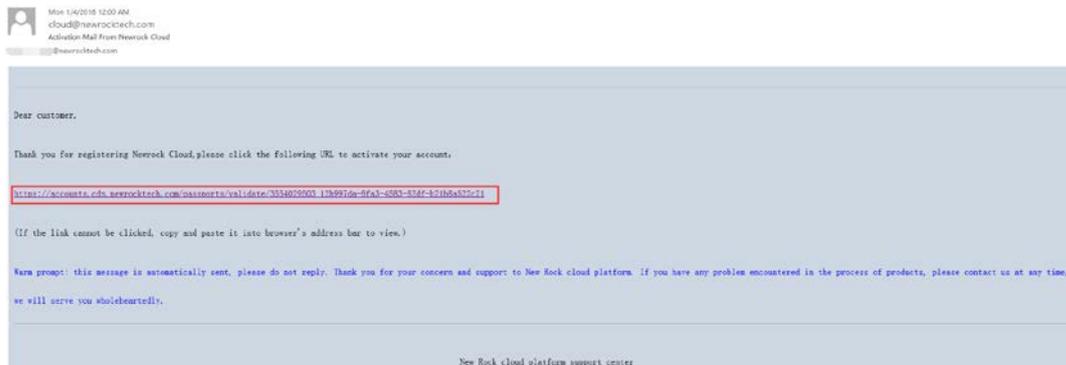
[Sign up](#)

3. This page will be displayed to prompt you to send an activation email.

New Rock id | New Rock Superman
 New Rock id3554029503 Already have a New Rock id? [Sign in](#)

You have created a New Rock id successfully!
 We've sent a link to zlyan@newrocktech.com
 Please check your inbox to confirm your identity and complete registration.
 Haven't received this email? [Resend this email](#)

4. Open your email to complete your registration and to activate your account.



5. Finished.

New Rock id | New Rock Superman
 Create a New Rock id Already have a New Rock id? [Sign in](#)

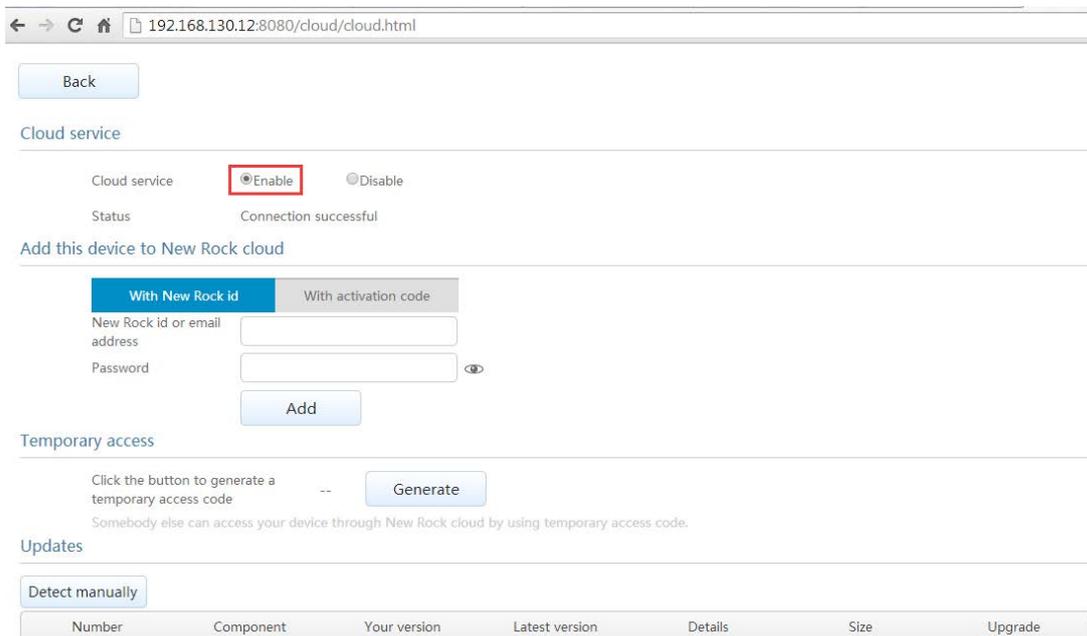
Activated successfully

3. Add the Device to YoubiquTy

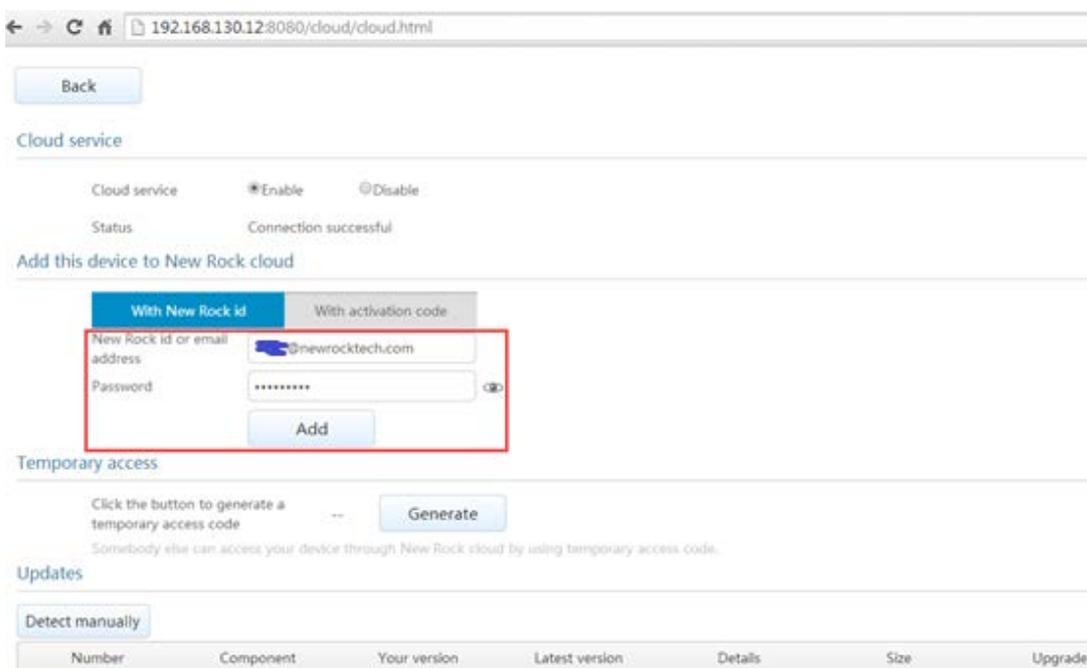
1. Log in to the device's Web GUI. Then open this page:

<https://device-address/cloud/cloud.html>.

2. Enable the Cloud, and the status will be successful.



3. Input the User and Password of YoubiquiTy to add this device to the cloud.



4. The following page will be displayed if the add-device is successful.

Back

Cloud service

Cloud service Enable Disable

Status Connection successful

Add this device to New Rock cloud

New Rock id or email address 3554029503

Temporary access

Click the button to generate a temporary access code --

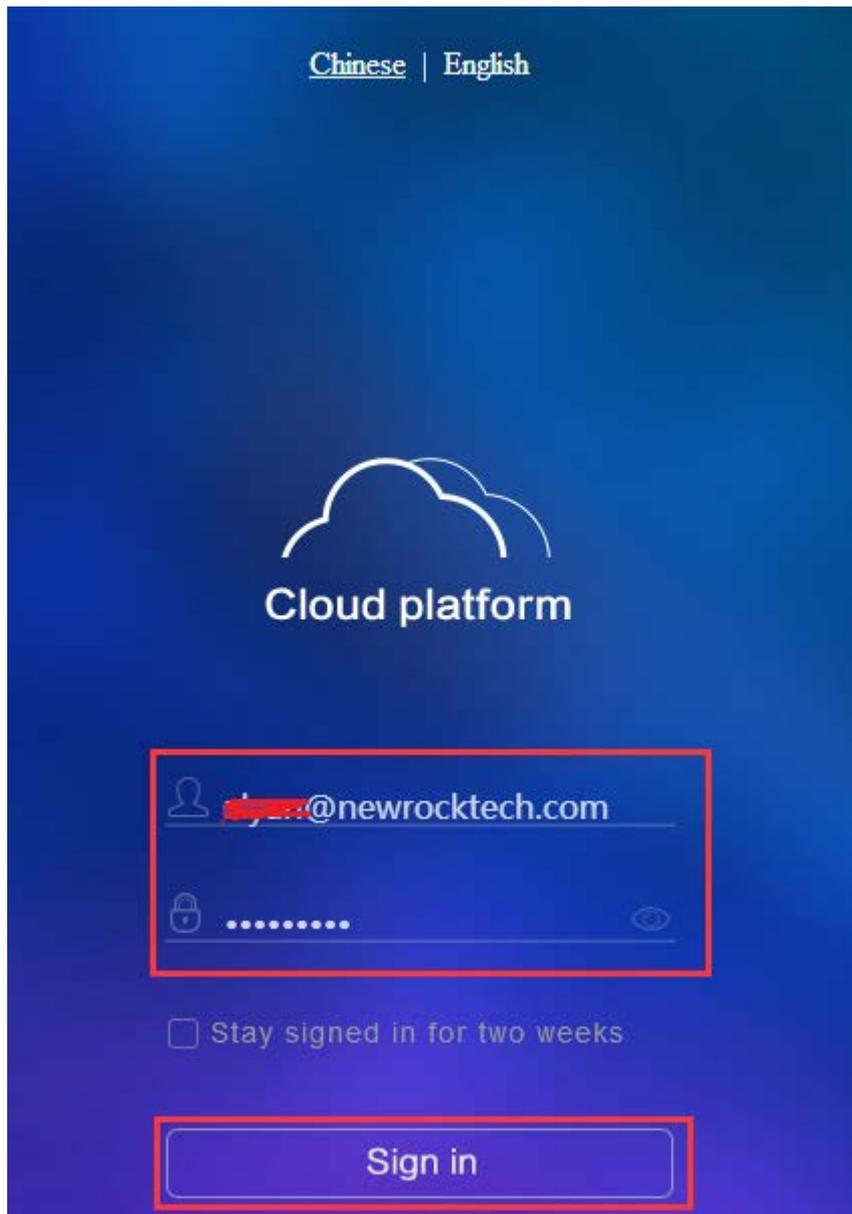
Somebody else can access your device through New Rock cloud by using temporary access code.

Updates

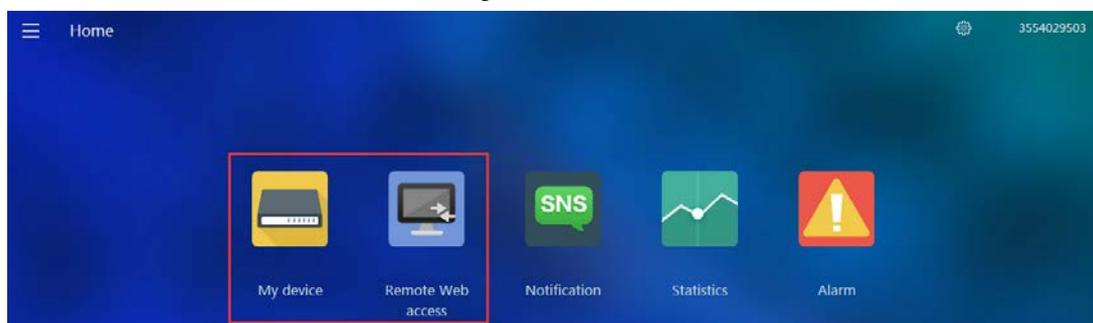
Number	Component	Your version	Latest version	Details	Size	Upgrade
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4. Using the Services Provided by YoubiquiTy

1. Open <https://cloud.newrocktech.com>, input the User and Password, click **Sign in**.



2. The services provided by the cloud are displayed. Take note that only **My device** and **Remote Web access** are available at present.



2.1. My Devices

1. Click **My device** to see the added devices.

WROC3000

Status: Online

Device IP address: 192.168.10.1

MAC address: 000EA9556622

Connected IP address: 101.81.73.35

IP address's home location: 上海市

Operation:

In this document, it is the LAN IP address of WROC3000. For devices only have an IP address, such as, MX60, it is the device IP address

In this document, it is the public IP address of WROC3000. Cloud can access your devices in the internet network, no need port mapping on the uplink router

2.2. Temporary Accessing Devices

This function is applicable for such scenario: customer A has a device with fault, he needs the technical support personal B to access it to troubleshoot. Customer A needn't undo adding the device from his cloud account. He just need generate a temporary access code and provide it to technical support personal B. B need a YoubiquTY id and then access the device by Temporary access code.

After troubleshooting, A just need to cancel the temporary access code on the device.

1. Log in to the device's Web GUI. Then open this page: <https://device-address/cloud/cloud.html>. Click **Generate**.

Back

Cloud service

Cloud service Enable Disable

Status Connection successful

Add this device to New Rock cloud

New Rock id or email address 3554029503

Temporary access

Click the button to generate a temporary access code --

Somebody else can access your device through New Rock cloud by using temporary access code.

Updates

Number	Component	Your version	Latest version	Details	Size	Upgrade
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2. A temporary access code is generated.

Back

Cloud service

Cloud service Enable Disable

Status Connection successful

Add this device to New Rock cloud

New Rock id or email address 3554029503

Temporary access

dfdd314190cf410a Not in use

Somebody else can access your device through New Rock cloud by using temporary access code.

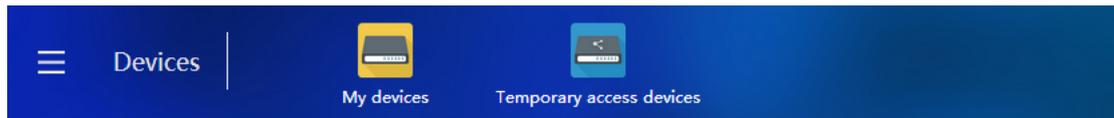
Updates

Number	Component	Your version	Latest version	Details	Size	Upgrade
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3. Log in to YoubiquiTy, click **Temporary access devices**.

4. Click **Have a temporary access code**.

5. Copy the temporary access code generated by the device and paste it to the textbox shown as below. And click .



Remotely access the device through a temporary access code

6. Click Temporary access devices again, the device information is displayed.



Remotely access the device through a temporary access code

1
WROC3000
✎

Status: Online

Device IP address: 192.168.10.1

MAC address: 000EA9556622

Connected IP address: 101.81.73.35

IP address's home location: 上海市

Connect the service:

7. On the device's page, the status of the temporary access code has changed to "In use".

← → ↻ 🏠

Cloud service

Cloud service Enable Disable

Status Connection successful

Add this device to New Rock cloud

With New Rock id
With activation code

New Rock id or email address

Password 👁

Temporary access

dfdd314190cf410a 3554029503 : In use

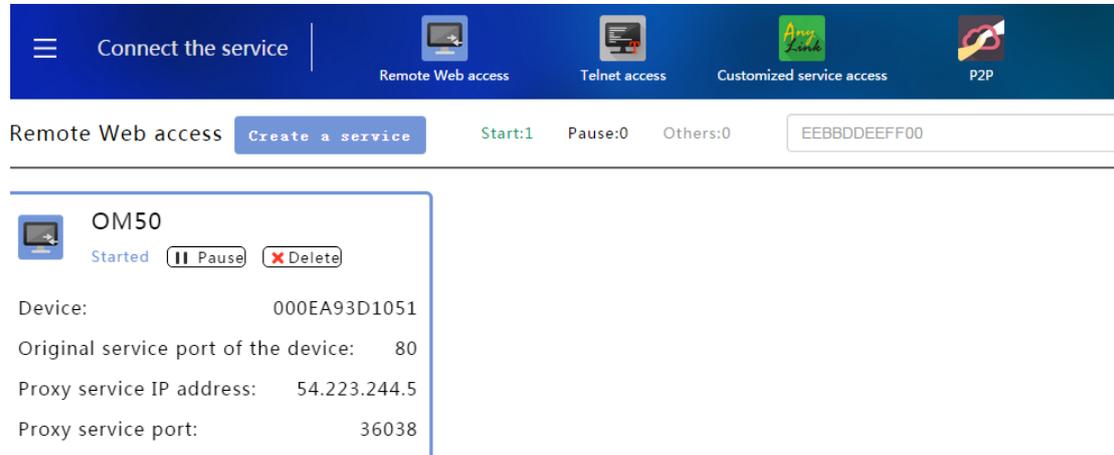
Somebody else can access your device through New Rock cloud by using temporary access code.

Updates

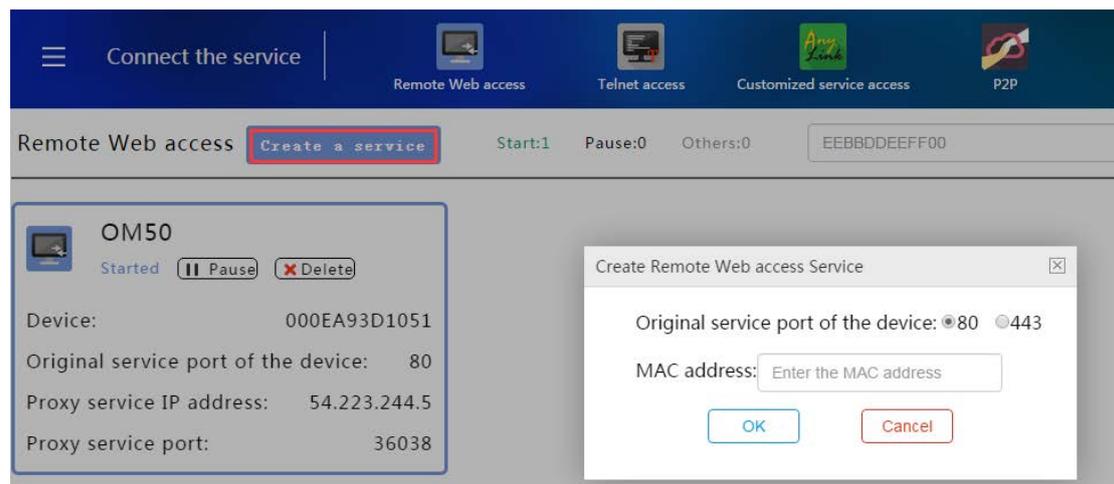
Number	Component	Your version	Latest version	Details	Size	Upgrade

2.3. Remote Web Access

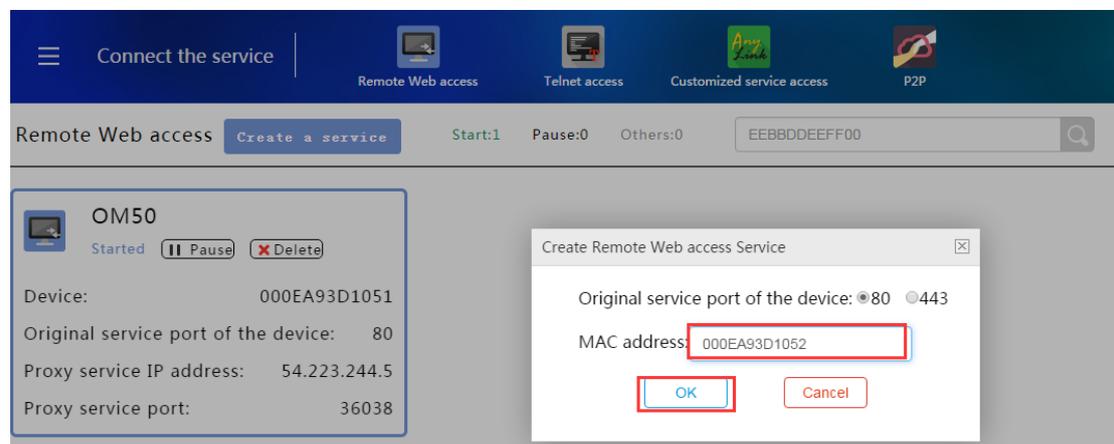
1. Remote Web access helps you to stay connected and access your device's https server as long as you are connected to the internet.



2. Click "Create a service"



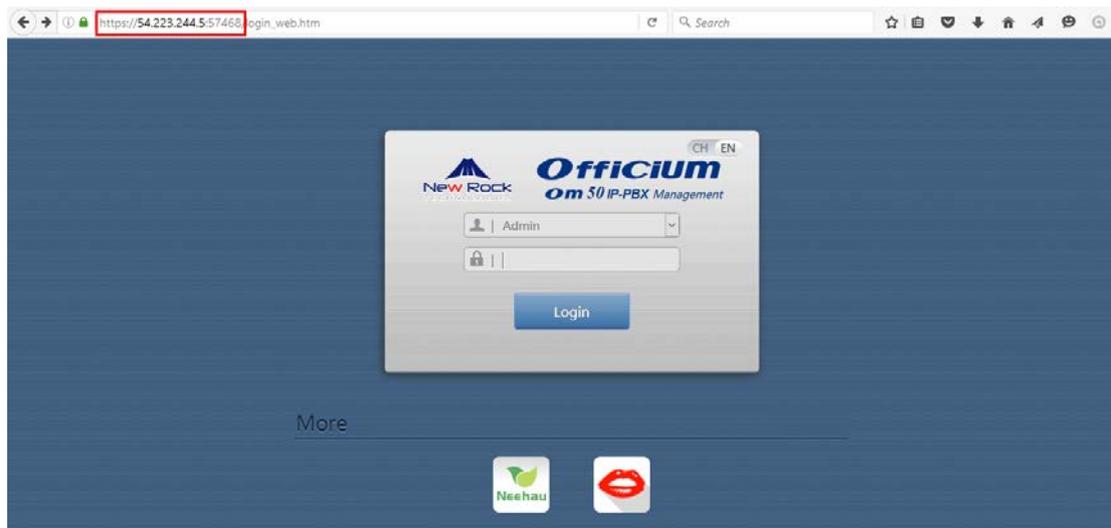
3. Select the **service port of the device**, input the **MAC address** such as "000EA93D1052" and click **OK** to get connected.



4. Created a service successfully

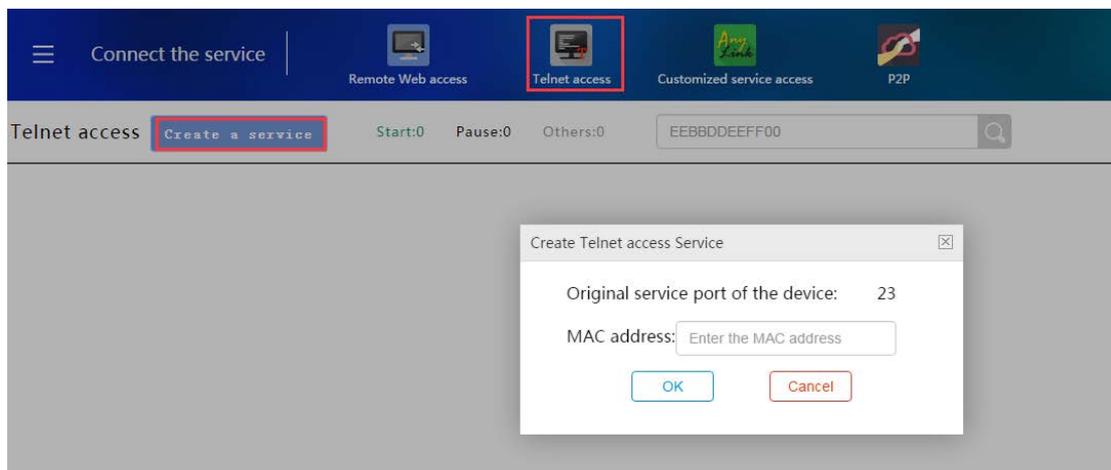


- On the URL bar, input IP and Port address to let you conveniently open remote Web access features.

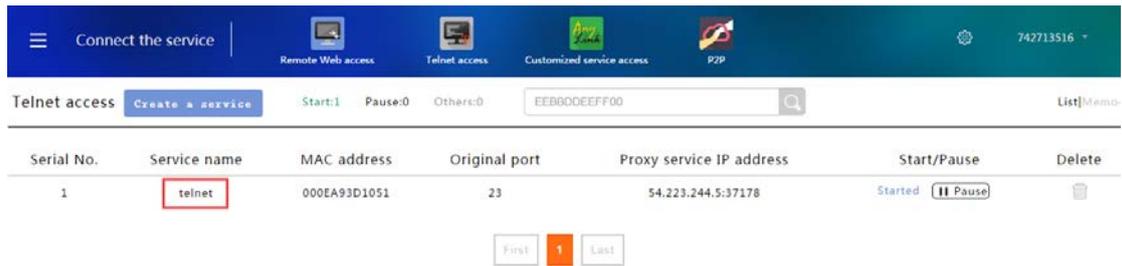


2.4. Remote Telnet Access

- Click **Telnet access** > **Create service**



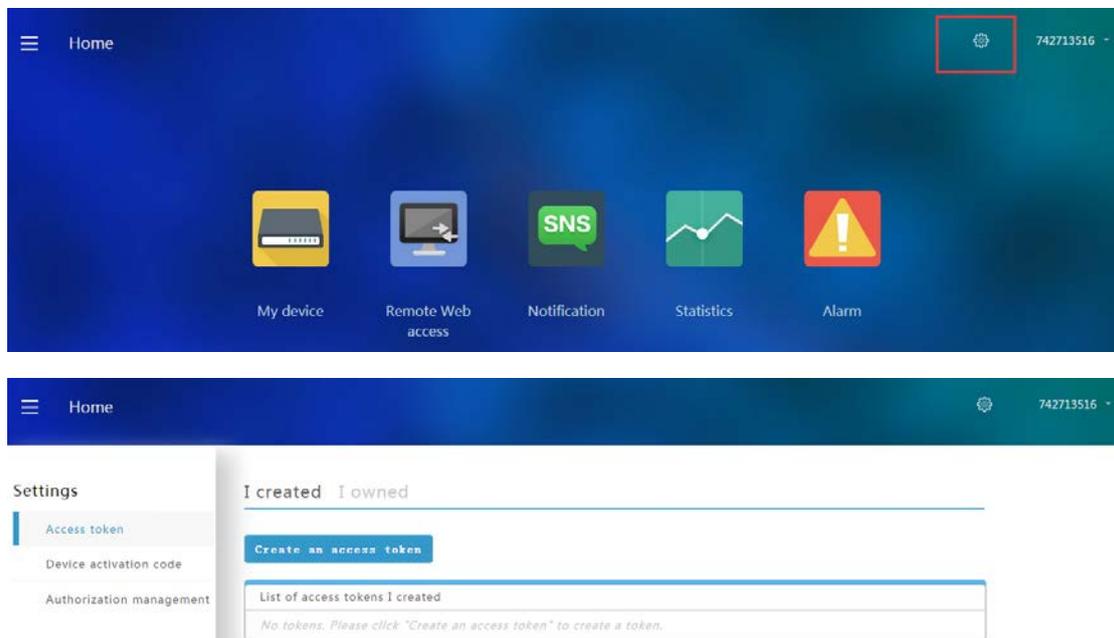
- Input the **MAC address** such as "000EA93D1052" and click **OK** to get connected.



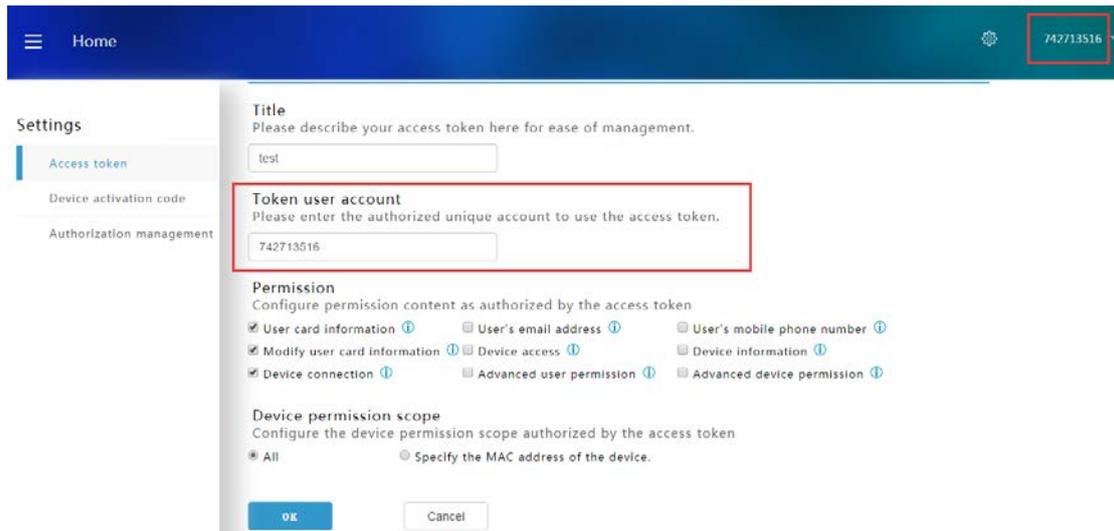
Notes: Make sure that the Telnet service feature on the device has been enabled.

5. How to Create a User Token

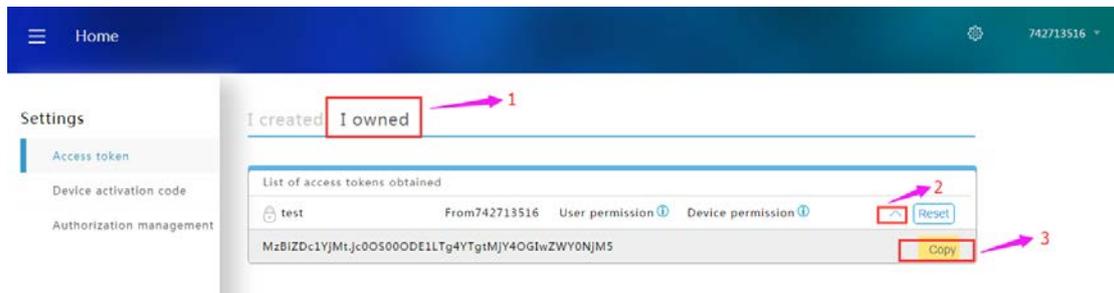
1. Click **“setting”** button on the upper right corner of the home page to get an access to the authorization management page.



2. On **Settings**, click **“Create an access token”** and fill in the authorized unique account to use the access token (can be found on the upper right corner of the home page) on the **Token user account** field. Then, configure the **Permission content** and **Device Permission scope** authorized by the access token. Click **“OK”** button.



3. After token create succeed, click “I owned” label page and after click “Down” button and then copy the access token authorization code.



YoubiquiTy service provide REST API interface, and need to use the authorization code for certification and authentication. For this part, please refer to cloud platform API series document.