



nebula

6 Steps

To Build and Manage Your Nebula Network

Step 1
Install Nebula Devices



Step 2
Register an Account to Log in to Nebula Control Center



Step 4
Create Site and Register Nebula devices

Step 3
Create Organization



Step 5
Configure Your NAP102



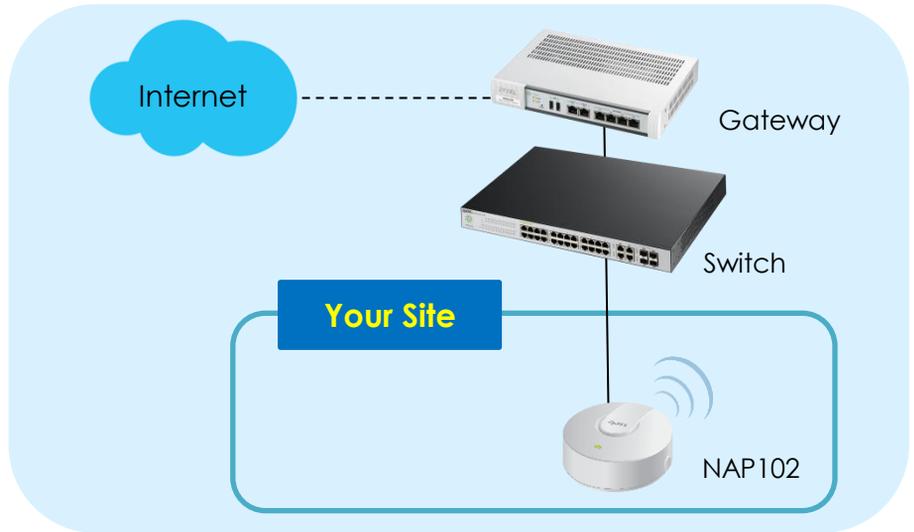
Step 6
Monitor Your Devices and Clients

All Done!

Requirements

- Must have Internet connection
- Must have one NAP102 at least
- All Nebula devices must be connected to the Internet

Scenario



Step 1 Install Nebula Devices

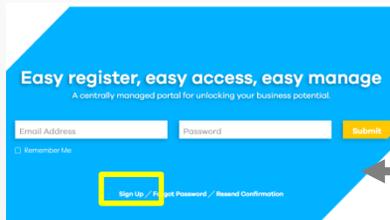
1. Connect NAP 102 to your LAN.
2. Power on NAP102.

Note: When NAP102 is connected to the local network, it'll get the IP address via DHCP and auto-connect to the Nebula Control Center(NCC).

Please note the first time to connect a NAP102 to the Internet, the LED light will flash between Green and Orange for booting; and then it may flash in Red for upgrading the latest firmware, soon after that it'll flash Green and Orange again. Please be patient to wait few minutes till you see the light is **flashing Green**, which means it's ready to go to the next step for device registration.

3. Write down the **MAC address** and **serial number** in the bottom of NAP102 for registering the devices later.

Step 2 Register an Account to Log in to Nebula Control Center



1. Access Nebula Control Center via <http://nebula.zyxel.com> and click "**Login with MyZyXel.com**" button.

2. Sign in with your email and password.

Note: Click "Sing Up" to register a myZyXel.com account.

3. Click "**Grant access**" for the first time to access Nebula Control Center.

Note: Since it's your first time to access Nebula Control Center, system will guide you to do some basic settings. Please go to next section and follow the instructions.

Step 3 Create Organization

1. Fill in the Organization name and click "**Create Organization**" to create a new Org (E.g. Zyxel Communication Corp.).
2. After creating Organization, the system will redirect you to "**Create Site**" page automatically.

Note: In the next step, you will register devices and create your first site in "Create Site" page. Please go to next section and follow the instructions.

Step 4 Create Site and Register Nebula Devices

1. Fill in the Site name. (E.g. Taipei Office)

2. Click "**Register**" to add devices to this Site. You will see a pop-out screen to fill in the MAC address and serial number, and then click "**OK**".

Note: Click "Register another device" to add more columns to register more devices.

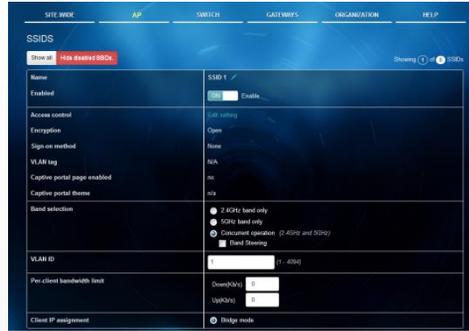
DEVICE NAME	SERIAL NUMBER	MAC ADDRESS	MODEL
<input checked="" type="checkbox"/>			
<input checked="" type="checkbox"/>	58-8B-F3-91-4D-52	s102z0100200	58-8B-F3-91-4D-52 NAP102

3. Tick the registered devices and click "**Create Site**" to create a Site to your Organization. And the ticked devices will be added to the site automatically.

4. Now you can manage you devices!
Go to **Organization -> Inventory**. You should see NAP102 in inventory that belongs to the site your created (E.g. Taipei Office).

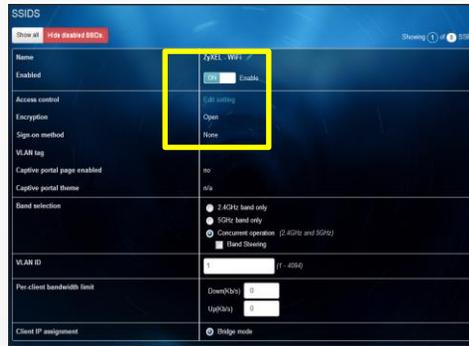
MAC Address	Serial number	Site	Model	Claimed on	Country
<input type="checkbox"/>	58-8B-F3-90-F5-6F	Taipei Office	NAP102	Feb 15, 2016 3:52:54 PM	Taiwan
<input type="checkbox"/>	04-BF-6D-0F-5D-54	Taipei Office	NSW100-24P	Feb 16, 2016 12:10:19 PM	Taiwan
<input type="checkbox"/>	99-22-33-44-55-66		NAP102	Dec 25, 2015 6:30:43 PM	Taiwan

Step 5 Configure Your NAP102



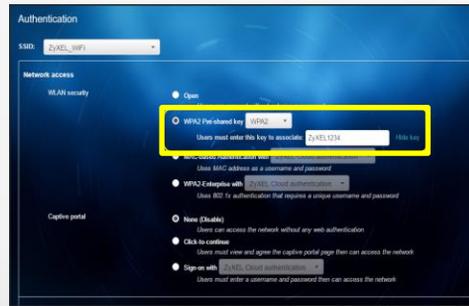
1. Go to **AP -> Configure -> SSIDs**.

Note: SSID 1 is enabled by default; the others (SSID 2 to SSID 8) are all disabled.



2. Click the **pen icon** to edit the name of SSID 1 (E.g. ZyXel-WiFi) and click **"Save"**.

3. Click **"Edit setting"** in Authentication column. The system will redirect you to **Authentication** page to configure Network Access.



4. Change WLAN security from **Open** to **WPA2 Pre-shared key**, enter a key you want (E.g. ZyXel 1234) and then click **"Save"**.

Please wait 1-2 minutes for changes to take effect. Then use your laptop or mobile device to connect to NAP102 with new SSID name (E.g. ZyXel-WiFi) with the key you defined (E.g. ZyXel1234).

Step 6 Monitor Your Nebula Devices and Clients



1. Go to **AP -> Monitor -> Access Point** to view your NAP102 status.

Note: This page identifies the APs on the site and shows their status, activity and usage.



2. Go to **AP -> Monitor -> Client** to see the clients that connect to NAP102.

Note: The Clients page shows how the network is used and by which client devices. The usage chart can be filtered by different time intervals (two-hour, day, week and month).