

5、Static IP and hotspot mode

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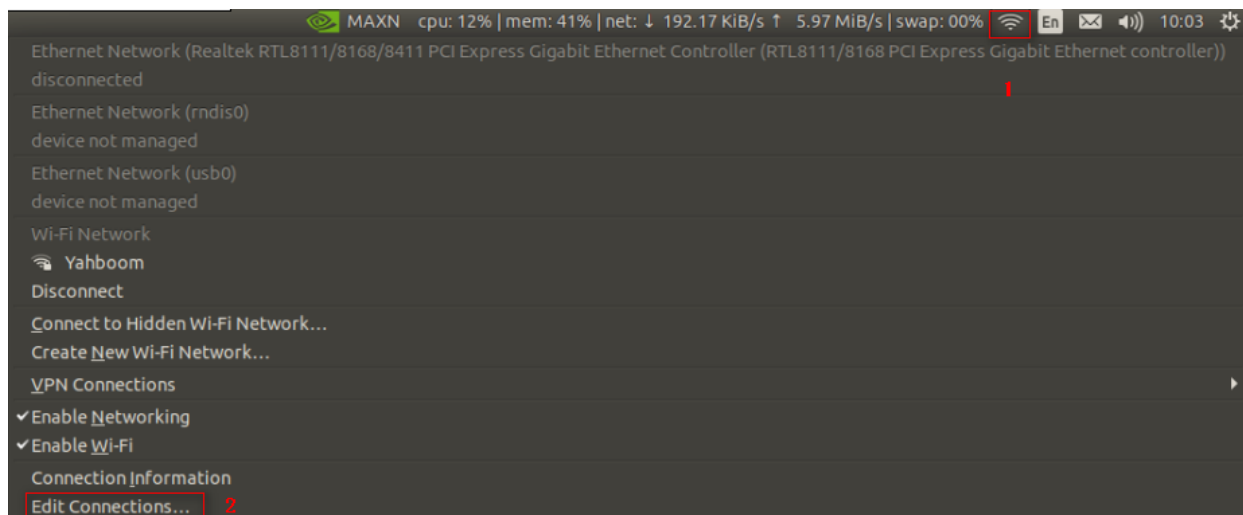
This section uses jetson nano as an example.

5.1、Static IP

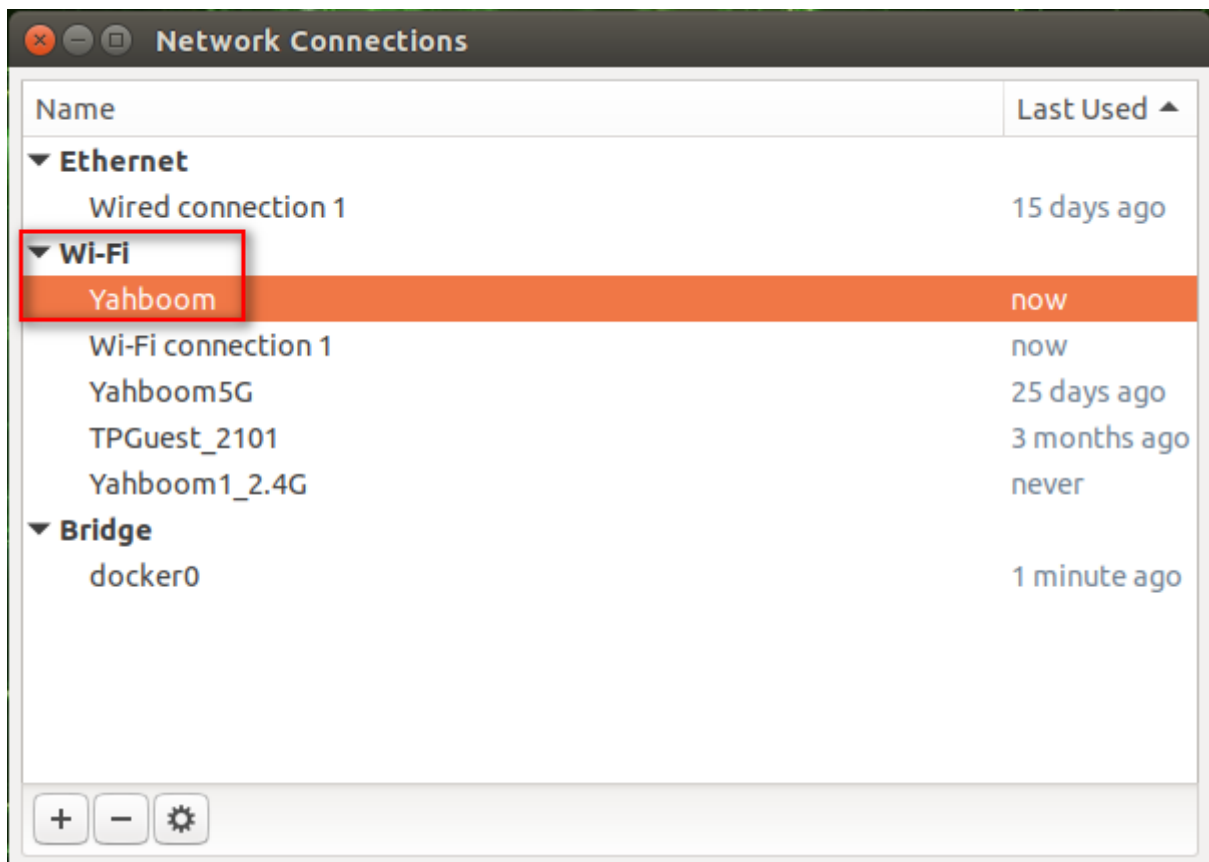
If it is the Raspberry Pi version, please open the terminal and enter the following command to open the network configuration.

```
nm-connection-editor
```

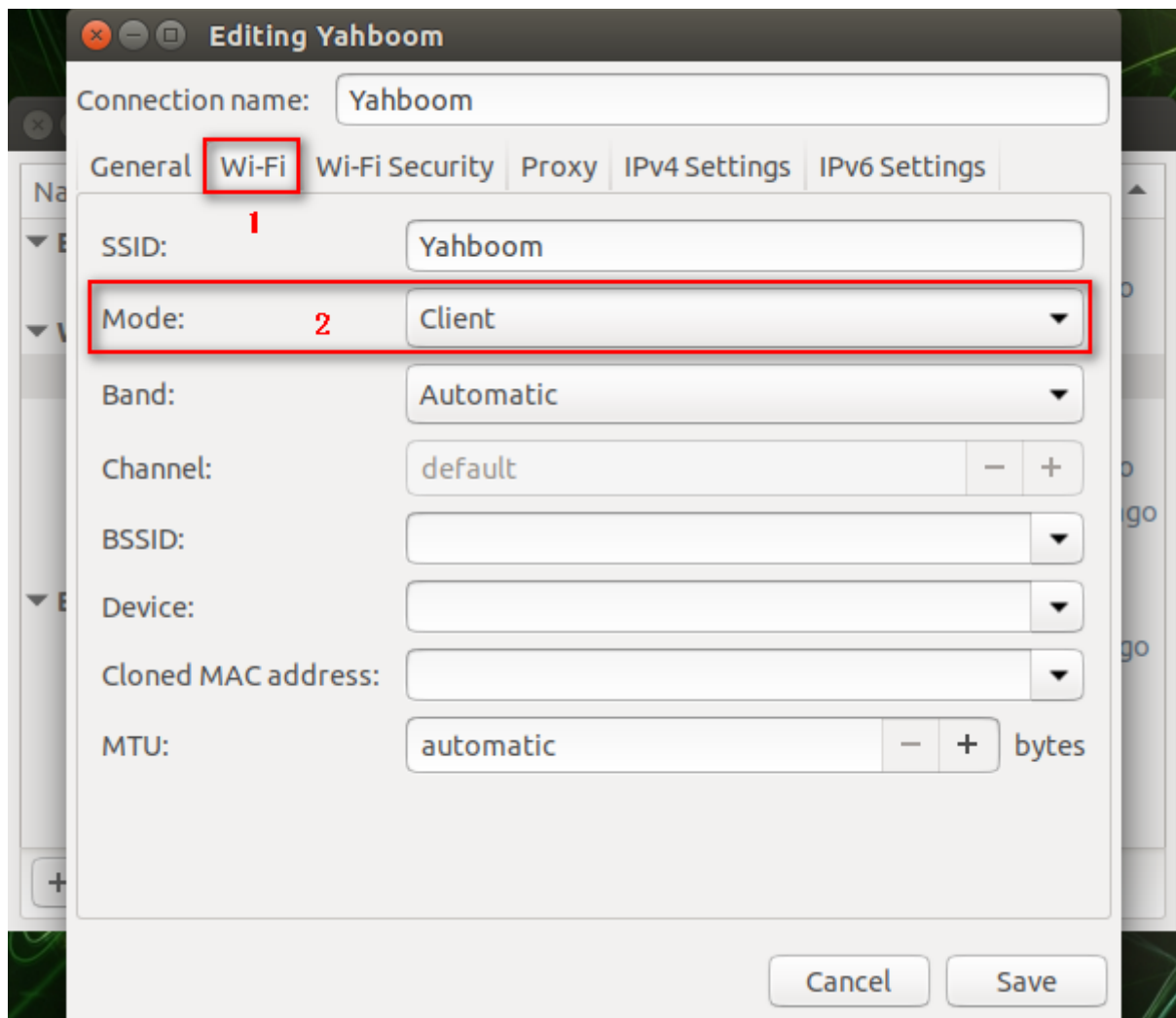
For the jetson nano version, you can use this command to open the network configuration, or you can click the WiFi icon in the upper right corner of the status bar, and click [Edit Connections...] at the bottom to open the network connection configuration.



Double-click the connected Wi-Fi, here is [Yahboom].

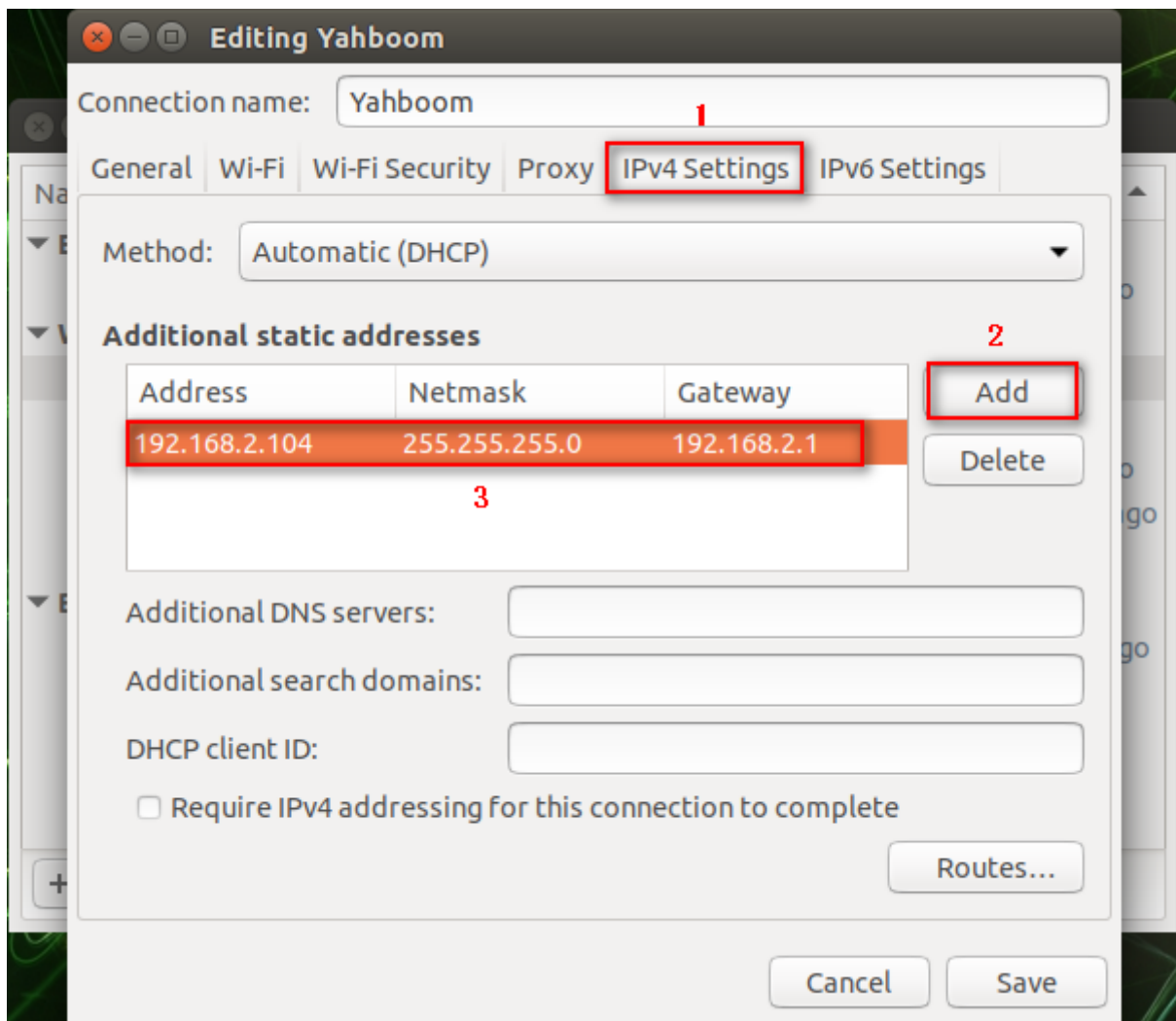


In the [Wi-Fi] directory, select [Client] for [Mode].



In the [IPv4 Settings] directory, click the [Add] icon, enter the IP as shown below, and finally click [save] to save.

Note that the IP and gateway addresses set must meet the requirements of the router, otherwise problems such as being unable to access the Internet may occur.

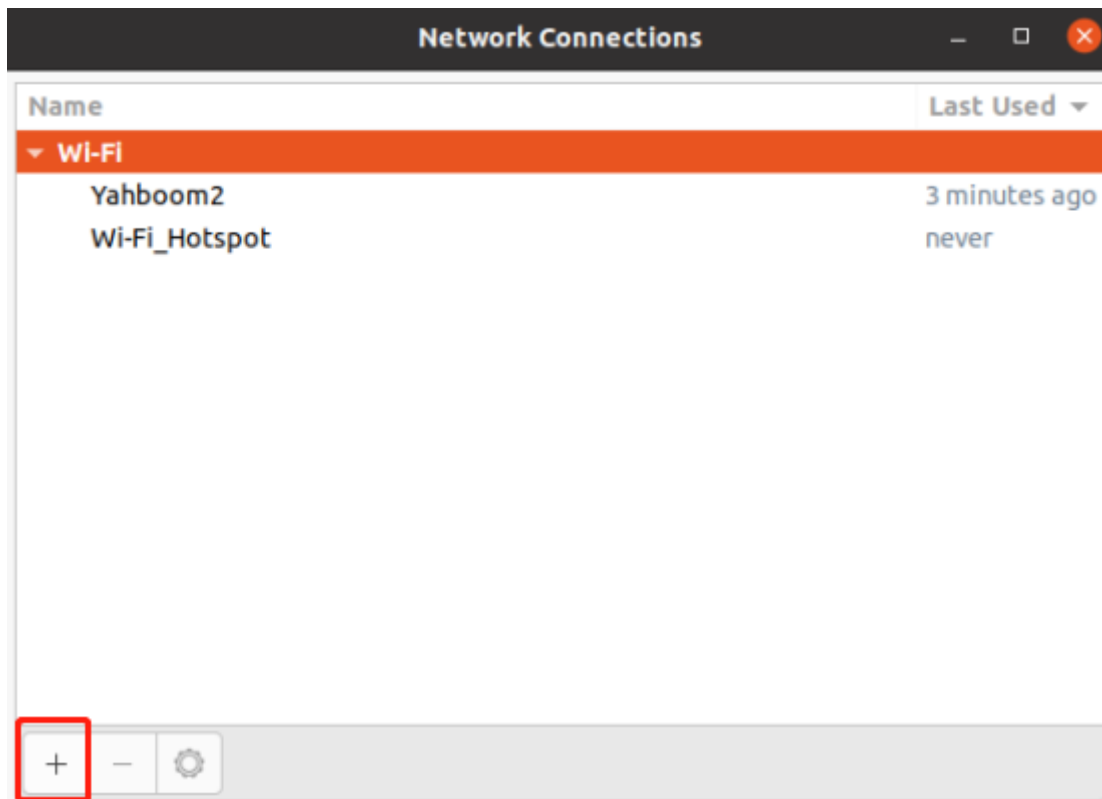
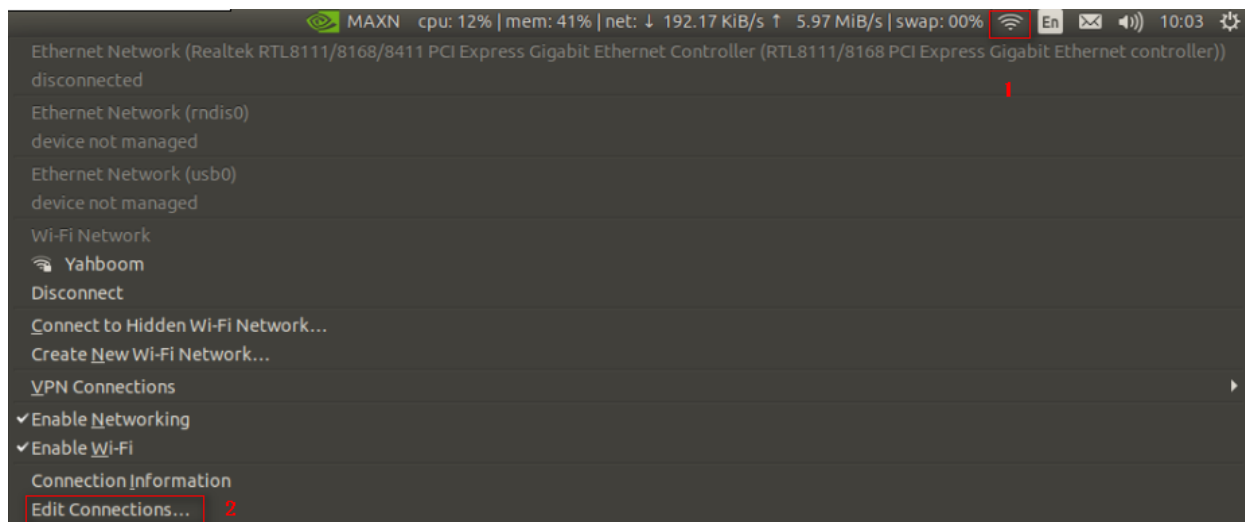


5.2、 Hotspot mode

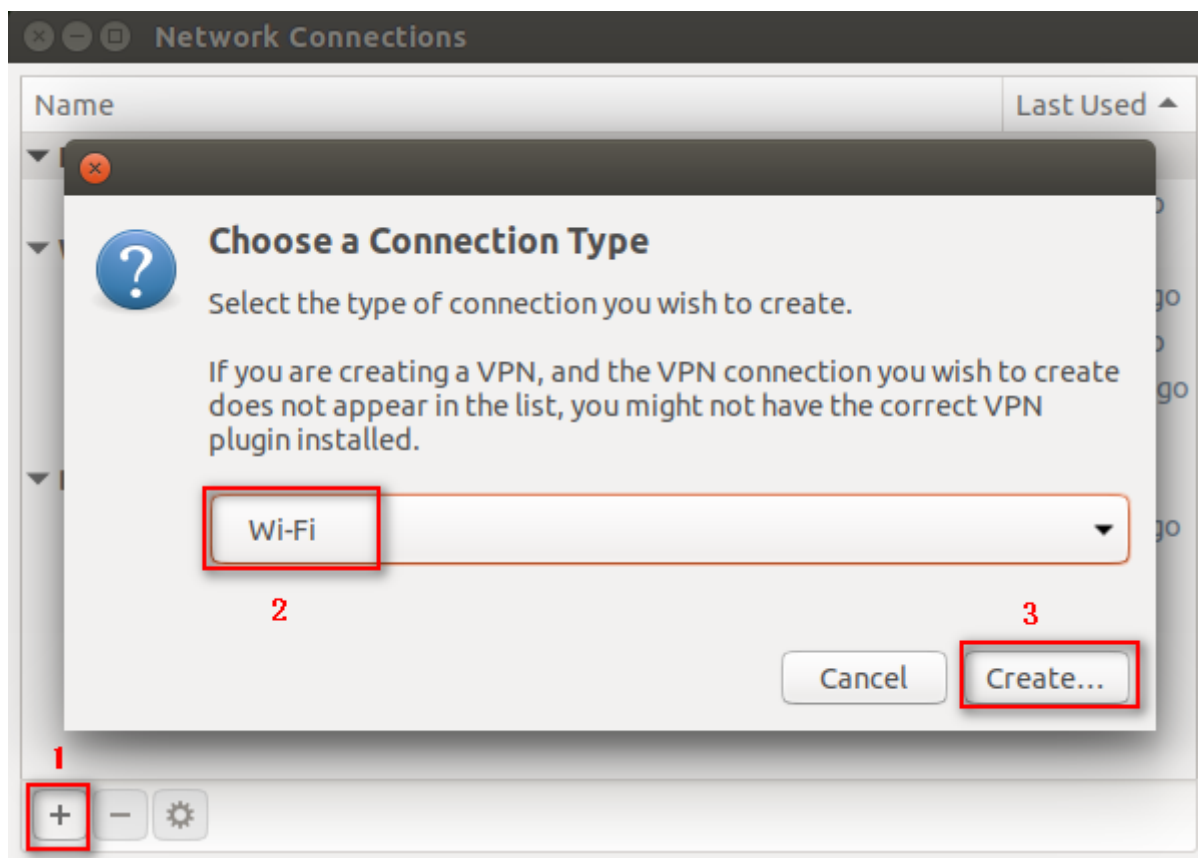
If it is the Raspberry Pi version, please open the terminal and enter the following command to open the network configuration.

```
nm-connection-editor
```

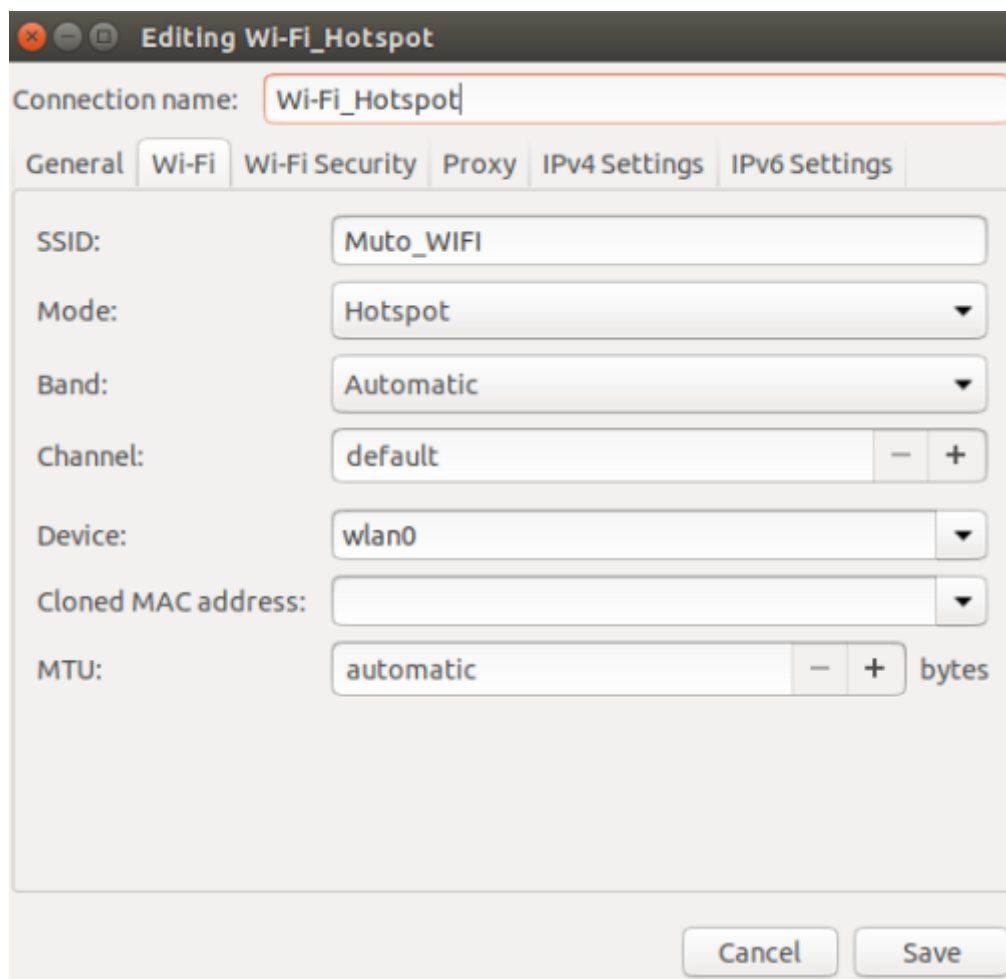
For the jetson nano version, you can use this command to open the network configuration, or you can click the WiFi icon in the upper right corner of the status bar, and click [Edit Connections...] at the bottom to open the network connection configuration.



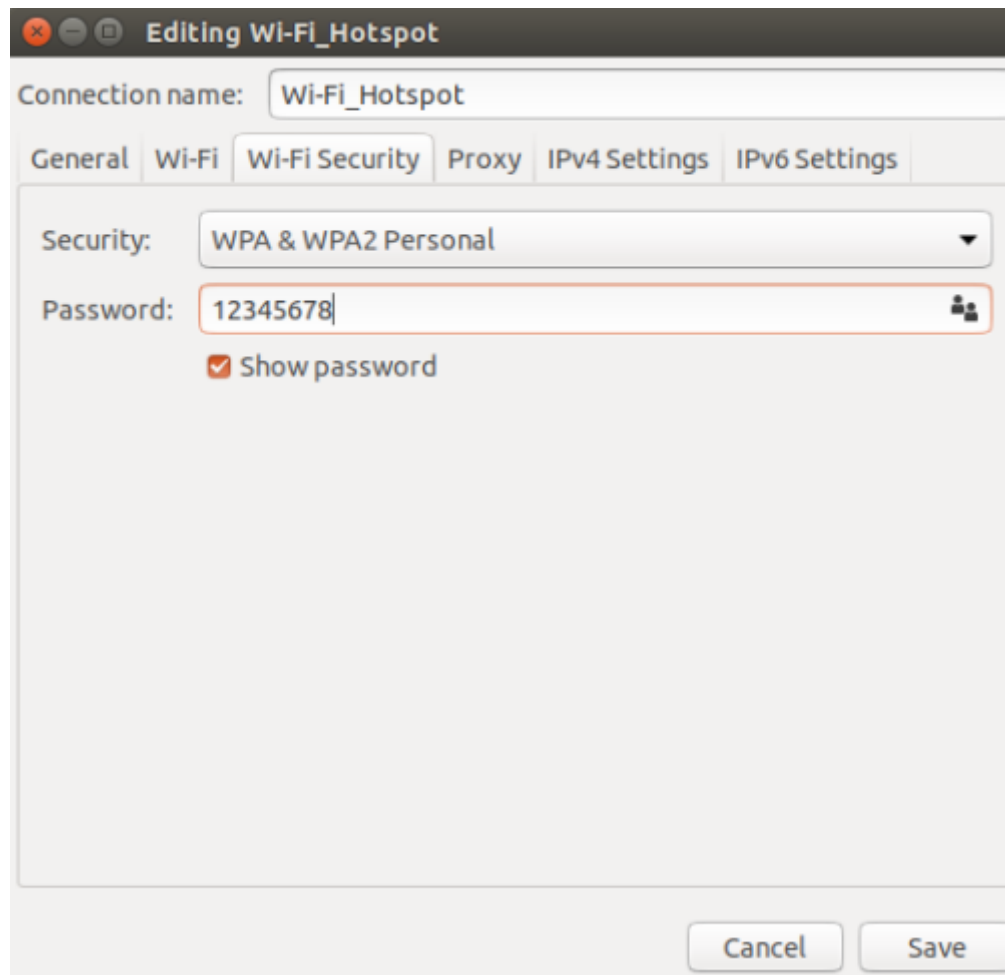
Click the [+] sign in the lower left corner, select [Wi-Fi] mode, and click [Create...].



In the [Wi-Fi] directory, add [yah] in the [SSID] column and select [Hotspot] in the [Mode] column.



In the [Wi-Fi Security] directory, select [WPA & WPA2 Personal] in the [Security] column, and enter the password in the [Password] column.



The screenshot shows a window titled "Editing Wi-Fi_Hotspot". At the top, there is a text field for "Connection name:" containing "Wi-Fi_Hotspot". Below this is a tabbed interface with five tabs: "General", "Wi-Fi", "Wi-Fi Security" (which is selected), "Proxy", and "IPv4 Settings". In the "Wi-Fi Security" tab, there is a "Security:" dropdown menu set to "WPA & WPA2 Personal". Below that is a "Password:" text field containing "12345678" with a red border and a user icon on the right. Under the password field is a checkbox labeled "Show password" which is checked. At the bottom right of the window are "Cancel" and "Save" buttons.

In the [IPv4 Settings] directory, click the [Add] icon, and please enter the IP and gateway information as shown below.

Editing Wi-Fi_Hotspot

Connection name: Wi-Fi_Hotspot

General Wi-Fi Wi-Fi Security Proxy IPv4 Settings IPv6 Settings

Method: Shared to other computers ▼

Address (optional)

Address	Netmask	Gateway
192.168.8.88	255.255.255.0	192.168.8.1

Add

Delete

DNS servers:

Search domains:

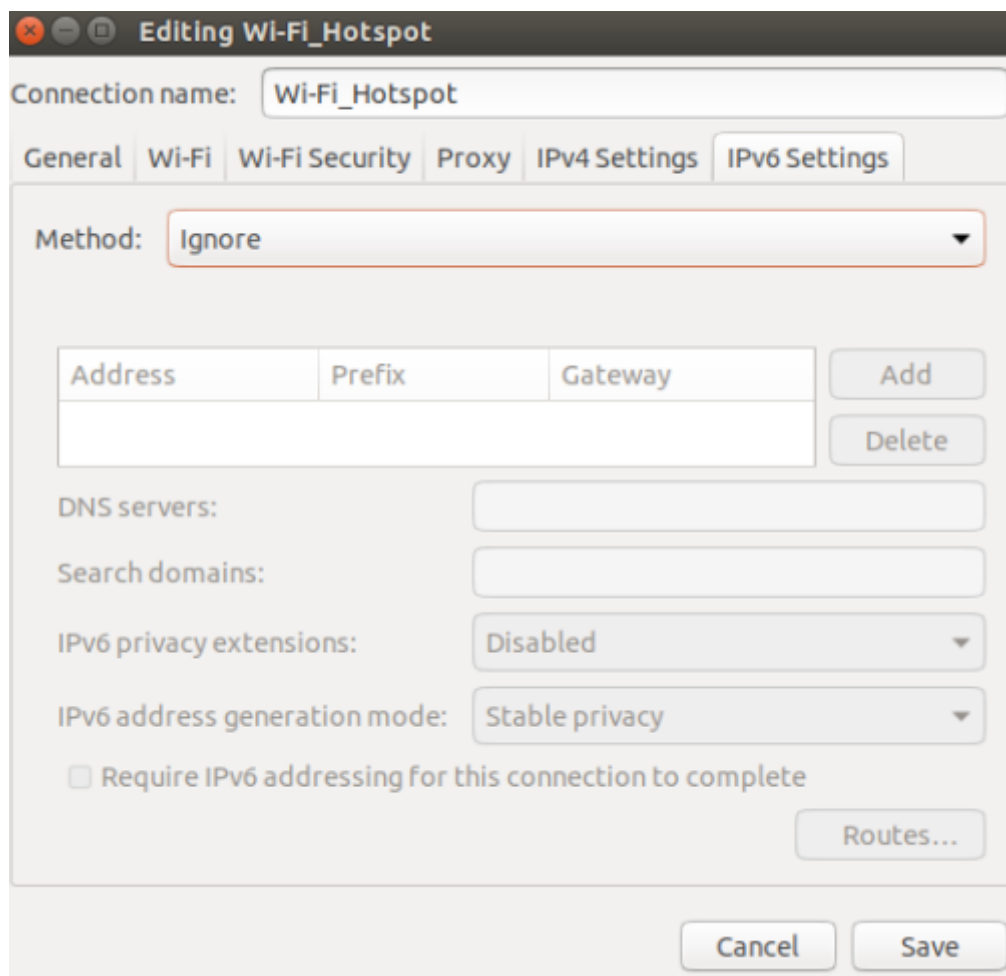
DHCP client ID:

☐ Require IPv4 addressing for this connection to complete

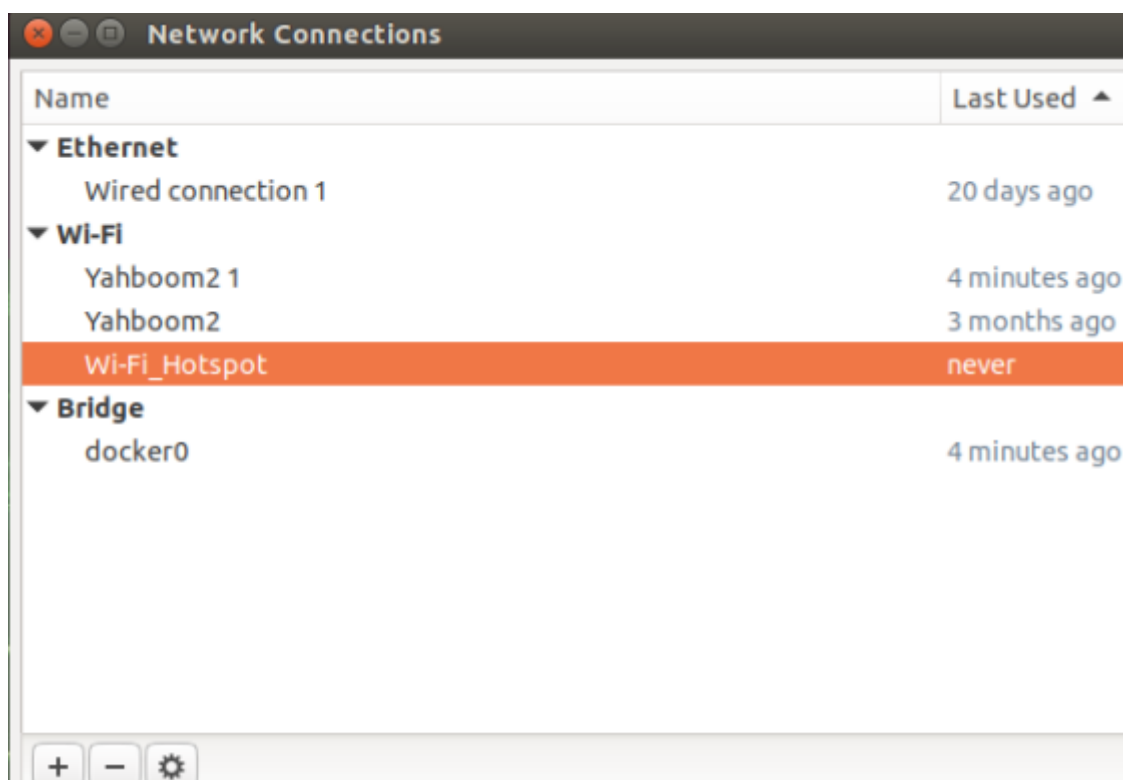
Routes...

Cancel Save

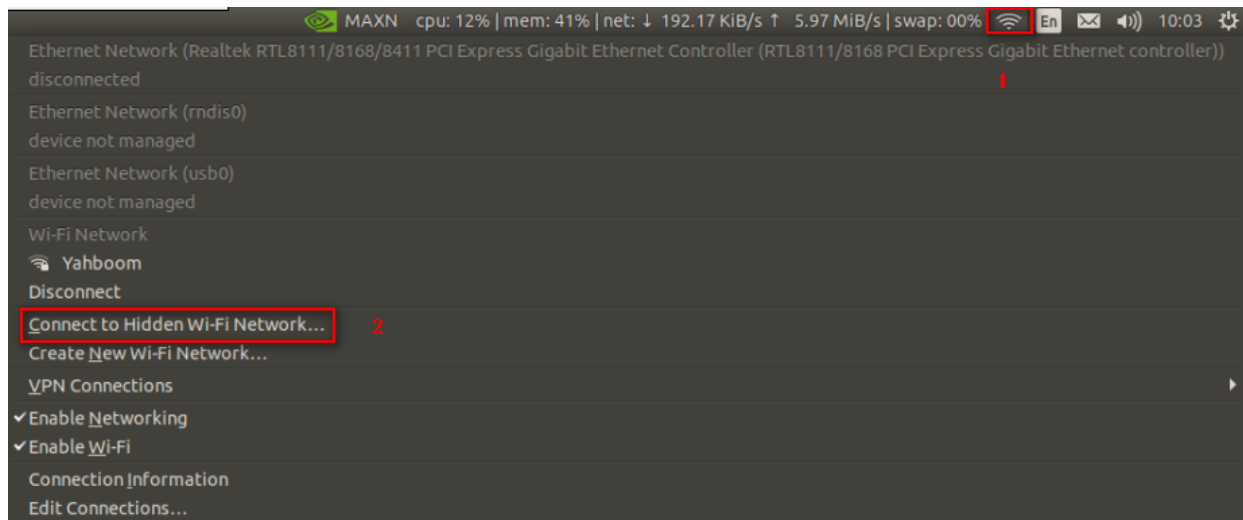
In the [IPv4 Settings] directory, select [Ignore] in the [Method] column, and finally click [Save] to save.



In [Wi-Fi] mode, the name of our new WIFI hotspot appears.



At this point, the new WIFI has been successfully created. Next, connect to the new WIFI. Follow the steps below.

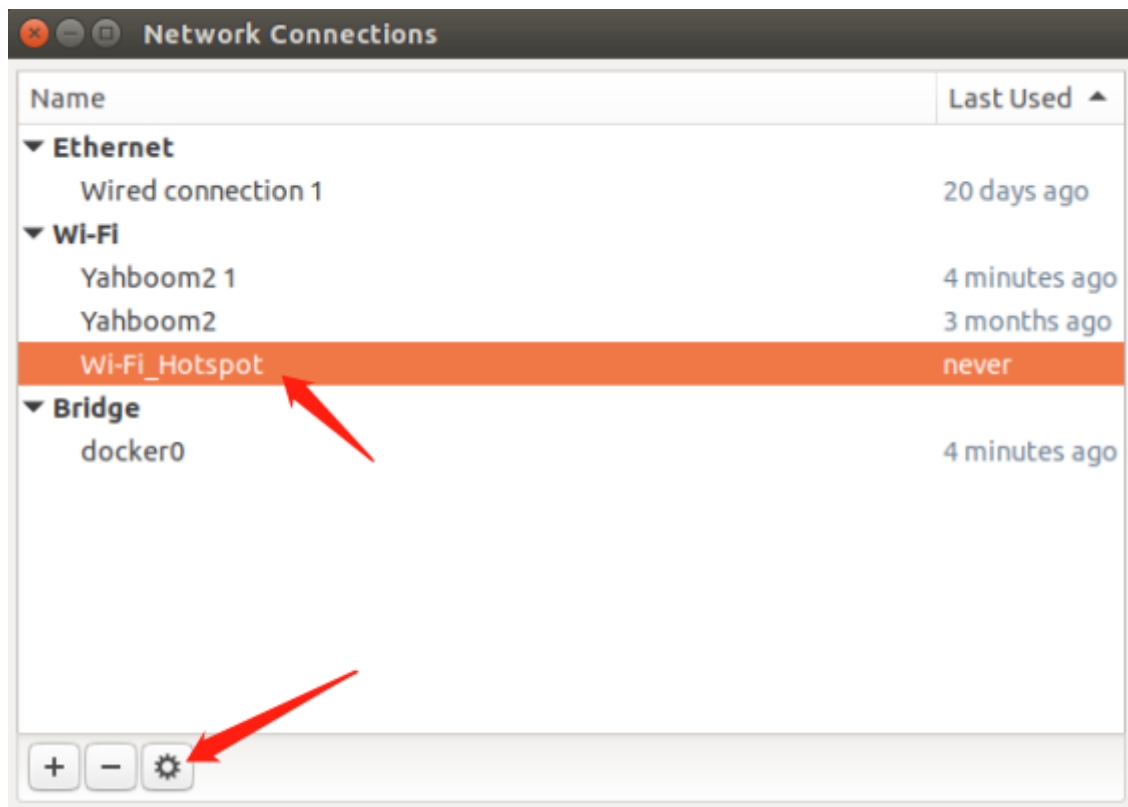


Select the newly created WIFI [Wi-Fi connections 1] in the [Connections] column of the pop-up dialog box, and click [Connect].

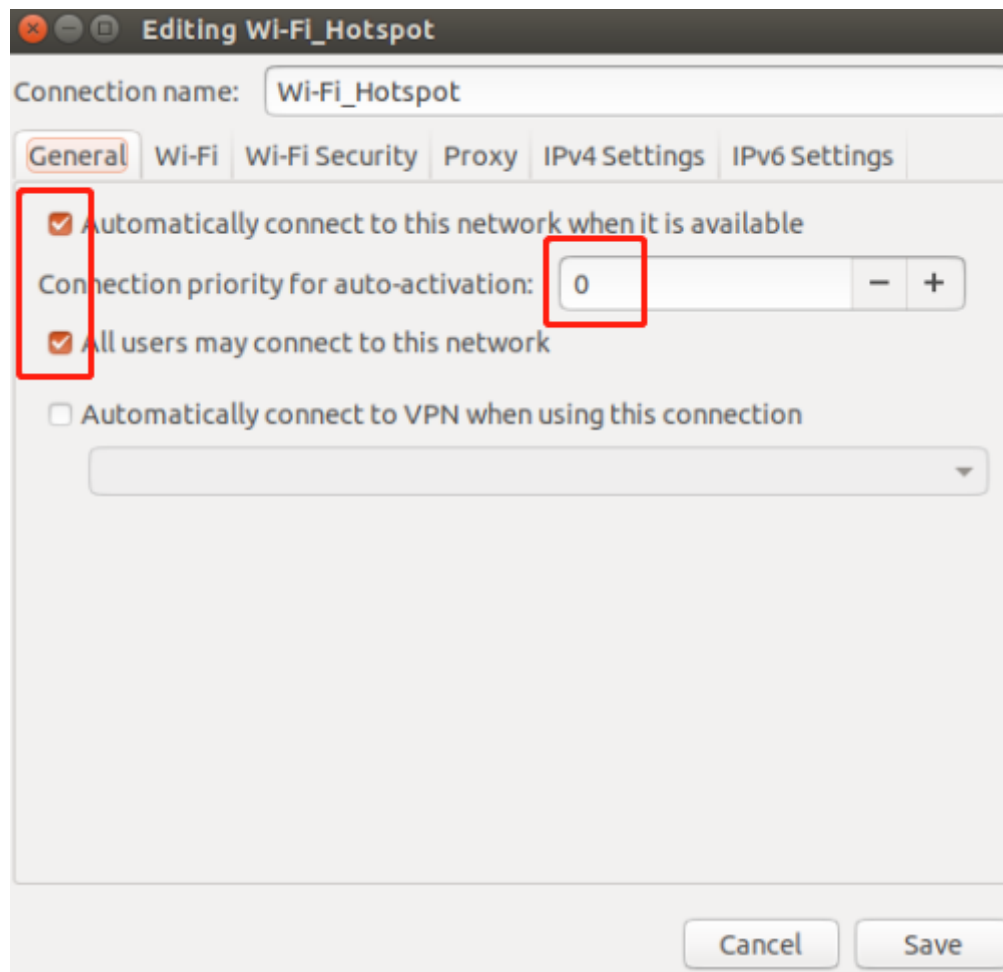


5.3、 Automatically manage hotspot mode

Open the WiFi configuration interface in WiFi settings, select the hotspot signal to be turned off, and click the gear configuration button below.



If you check Automatically connect to this network and allow all users to connect to this network, the system will automatically manage this network signal according to priority when it is turned on. If you want to force hotspot mode on, you need to set the priority of the hotspot signal to the highest. If you want to connect to the home LAN first, set the priority to 0, which means the lowest priority, and then set the priority of the home LAN to greater than 0.



5.4、 Turn off hotspot mode

If you want to turn off hotspot mode, uncheck Automatically connect to this network.

✕ ◯ □ Editing Wi-Fi_Hotspot

Connection name:

General

Wi-Fi

Wi-Fi Security

Proxy

IPv4 Settings

IPv6 Settings

☐ Automatically connect to this network when it is available

Connection priority for auto-activation: - +

☒ All users may connect to this network

☐ Automatically connect to VPN when using this connection

Cancel

Save