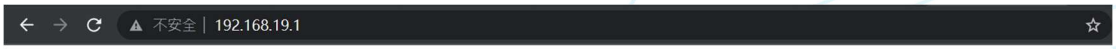
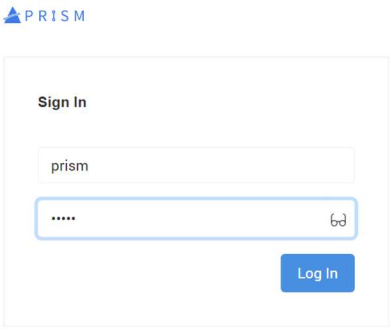
How to setup Mesh Connection for MI10 and MO10

Mesh Wi-Fi technology expands the range of a wireless network by using multiple devices, including a main access point (CAP) and several slave access points (RE). These slave nodes act as extensions and can be strategically placed throughout your home or office to enhance the coverage of your Wi-Fi network. The mesh Wi-Fi network shares the same SSID and passphrase, which means that you don't need to connect to a different network when moving from one location to another.

Users only need to configure the network once on the CAP, just like setting up a single access point. The configurations will automatically synchronize to all the slave nodes (RE). Please follow the steps below to set up a mesh connection for MI10 and MO10.

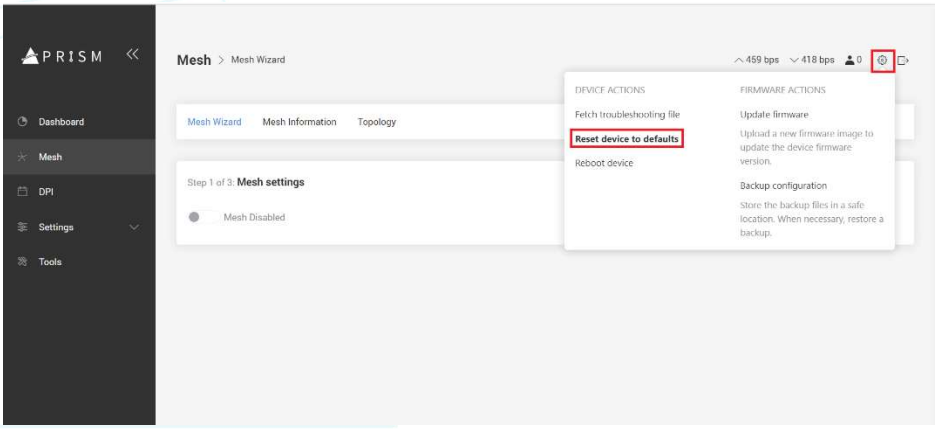
1. Access the device settings menu via Ethernet.
   (1) Configure your PC's IP setting to static and then set the IP address to any address from 192.168.19.2 to 192.168.19.250
   (2) Connect your PC's network port to the device WAN port.
   (3) Enter the IP address 192.168.19.1 in your browser.
   (4) In the PRISM login screen use the following login:
   Username: prism
   Password: prism





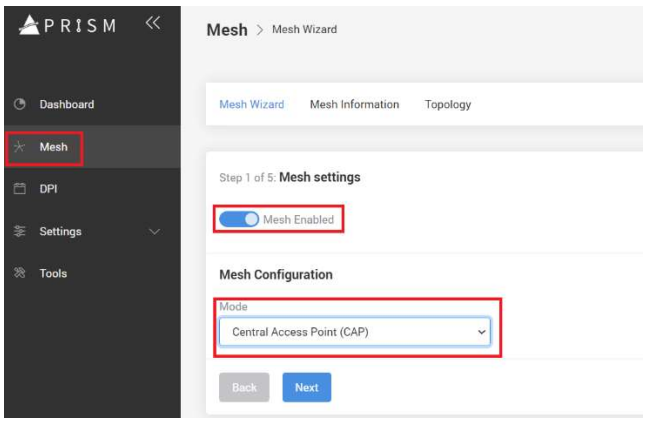
Note :
a. If the device IP address and username/password have been changed, please use the new IP address and username/password to login.
b. You can refer to the Quick Start Guide for more information on how to login device.

2. Reset the device to default settings.

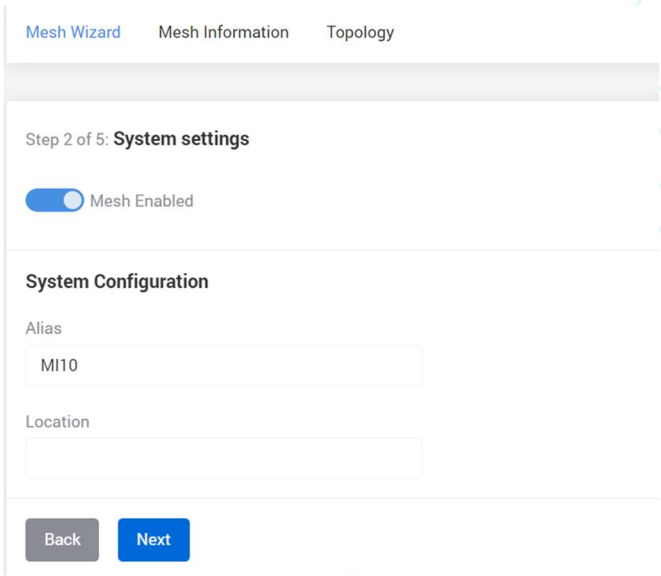


3. Follow the Mesh wizard to set Device 1 as the CAP.

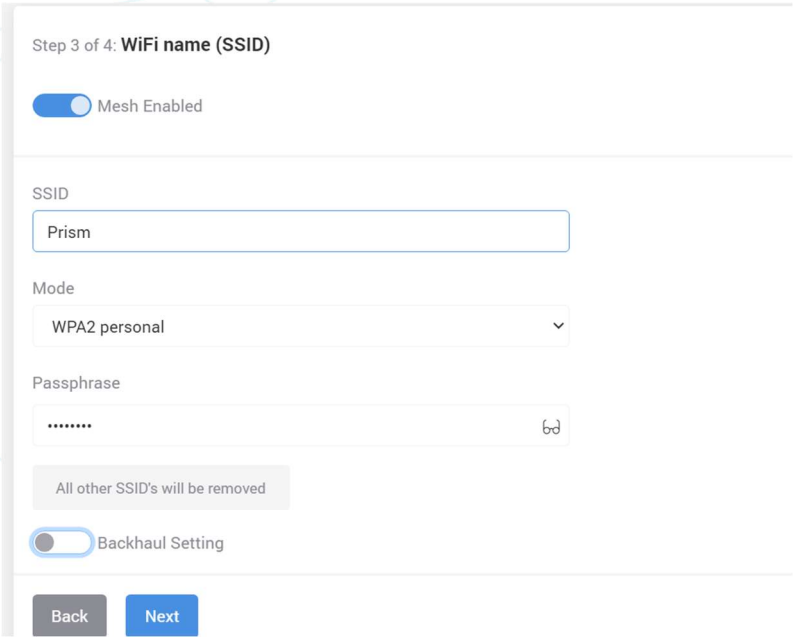
(1) On the Mesh settings page, enable Mesh and set the Mode as CAP, then click Next.



(2) Set the Alias and Location. You can leave it as the default and click Next directly.

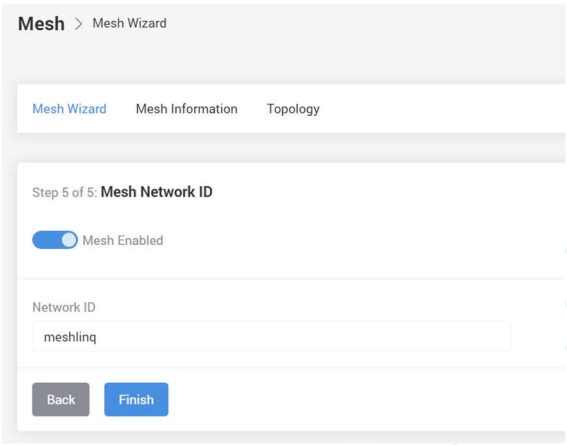


(3) Set the SSID and security Mode for the clients to connect. Note that the SSID and security settings will be applied to the 5G-1 and 2.4G interfaces automatically.



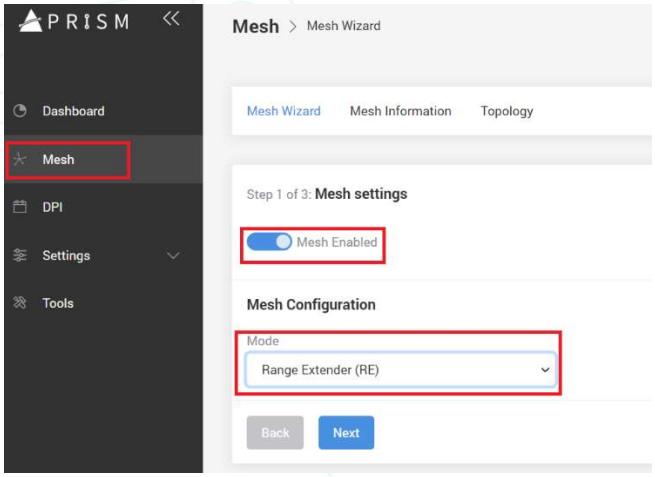
If you want to manual set the Backhaul SSID and passphrase, you can enable the Backhaul Setting to modify. Please keep in mind that the 5G-2 interface will be automatically designated for Backhaul use.

(4) Input the network ID for RE to connect with. Please remember the network ID , as you will need to input the same Network ID on the RE device later.

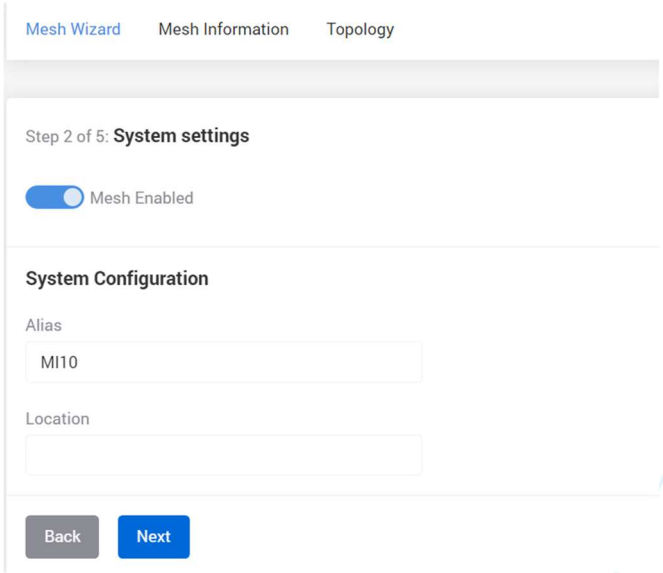


4. Follow the Mesh wizard to set Device 2 as the RE.

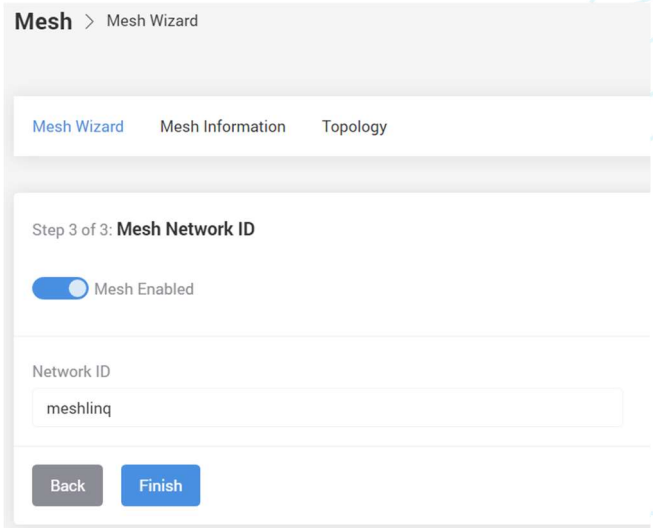
(1) Launch the Mesh wizard on Device 2 and follow the instructions provided in the Mesh wizard to configure Device 2 as the RE (slave access point).



(2) Set the Alias and Location. You can leave them as the default settings and proceed by clicking Next directly.

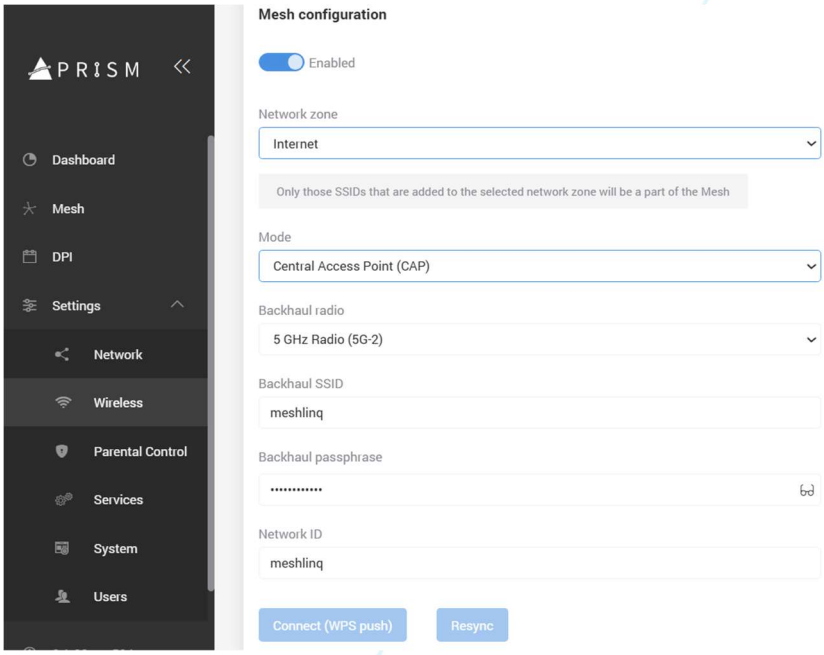


(3) Ensure that you input the same Network ID as set on Device 1 during the CAP configuration.

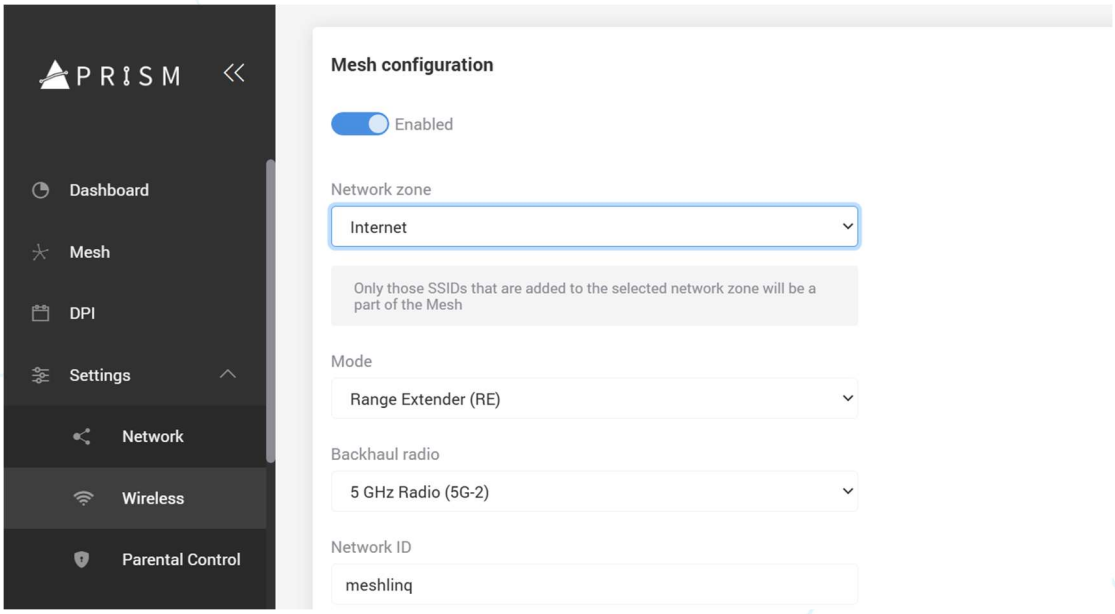


5. Repeat Step 4, if you have more than 1 device to set as RE to join the Mesh connection.
6. Once the Mesh link is successfully established, you can check the status of the Mesh connection by navigating to the Mesh/Topology page.

7. By default, the MESH connection uses the local network, where the RE connects to the CAP's network zone “Local Network”. If you want to change the network zone to “Internet” for the MESH connection, you can follow below steps to modify the network zone.
   (1) Follow the wizard to set the device as CAP.
   (2) Goto the Wireless setting page of the CAP, and change the Network Zone to Internet at Mesh configuration section and then click Save.



   (3) Follow the wizard to set the device as RE.
   (4) Goto the Wireless setting page of the RE, and change the Network Zone to Internet at Mesh configuration section and then click Save.


PRISM
Dashboard
Mesh
DPI
Settings
Network
Wireless
Parental Control
Mesh configuration
Enabled
Network zone
Internet
Only those SSIDs that are added to the selected network zone will be a part of the Mesh
Mode
Range Extender (RE)
Backhaul radio
5 GHz Radio (5G-2)
Network ID
meshlinq