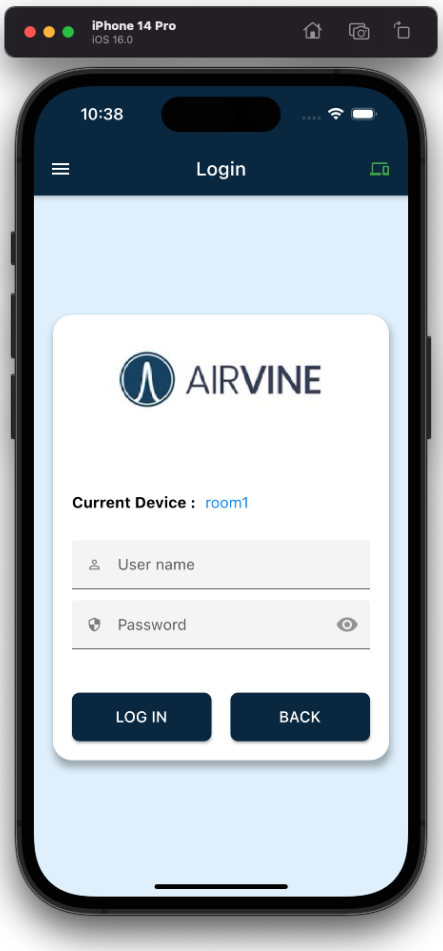
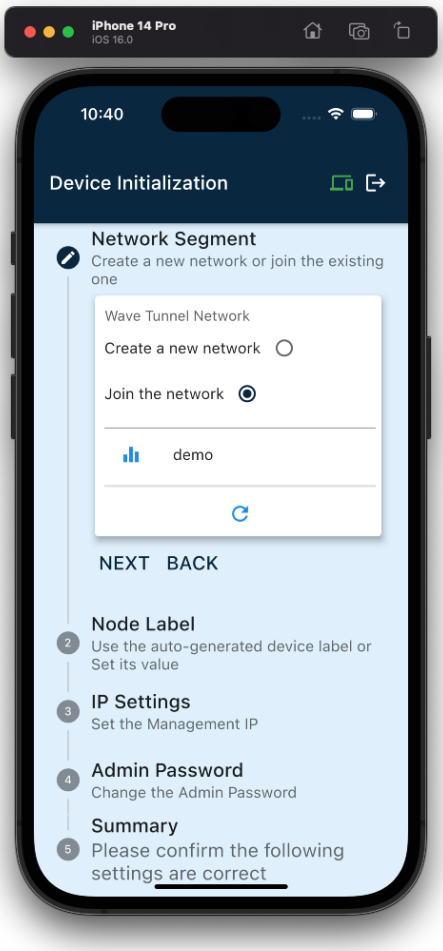


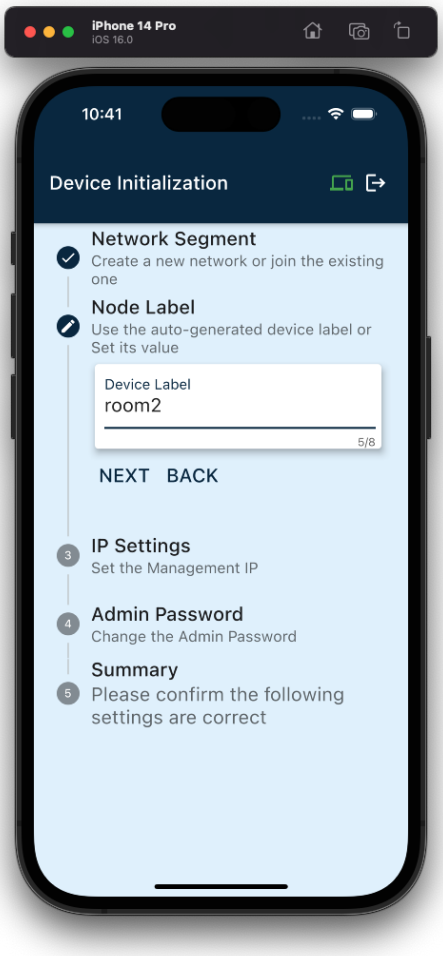
To configure the remaining devices in the network, select the “Join the network” option in the network segment step.

Nearby WaveTunnel devices will be broadcasting their SSIDs, which will appear in the list. Click on the SSID of the next node to be configured. This is the node that will talk to the root node that was just configured. Then click “next” for next settings.

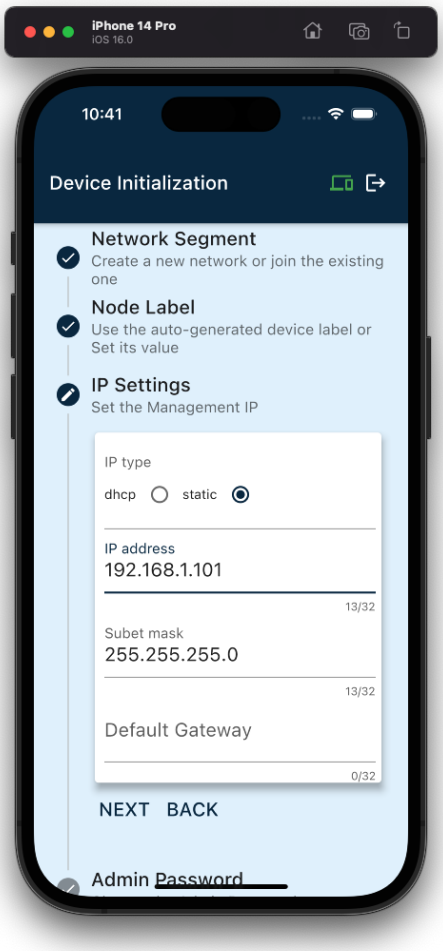
As each node is added to the network, traffic flows are automatically configured between that node and the root node. These flows can pass through relay nodes, but all traffic must flow to and from the root node.



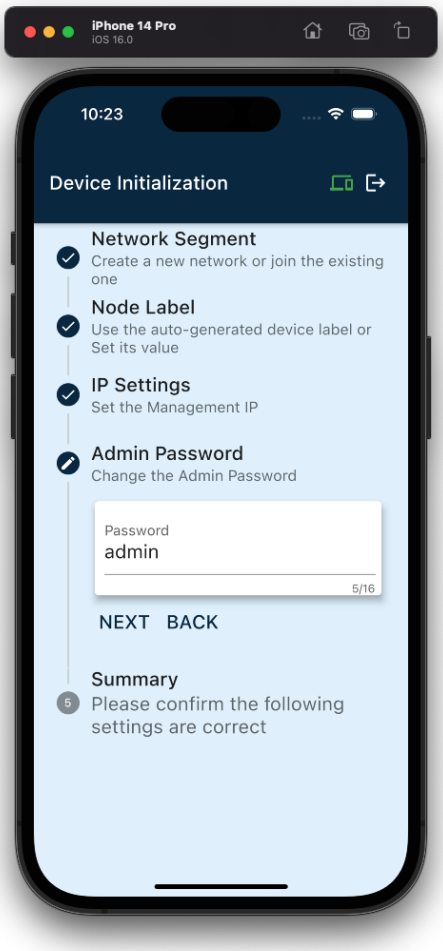
Input the “Device Label” for this device. It will be used to recognize your device later.



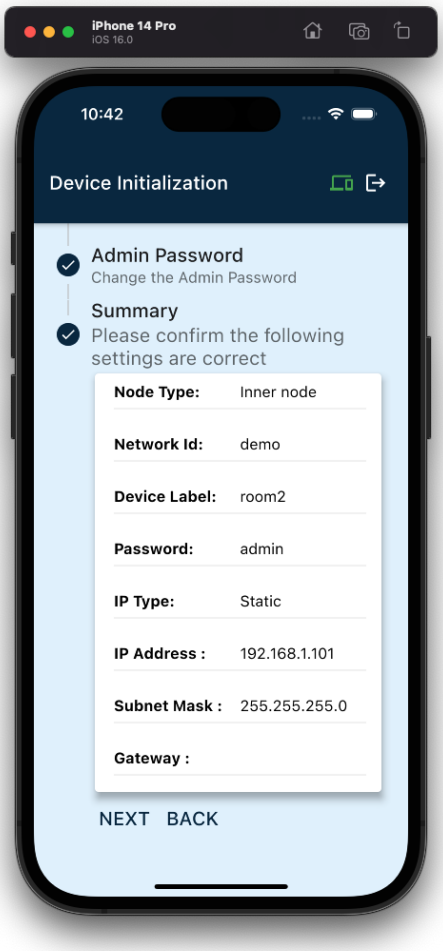
Click “Next” to set the management IP of your device.



Click “Next” to change the admin password of your device.

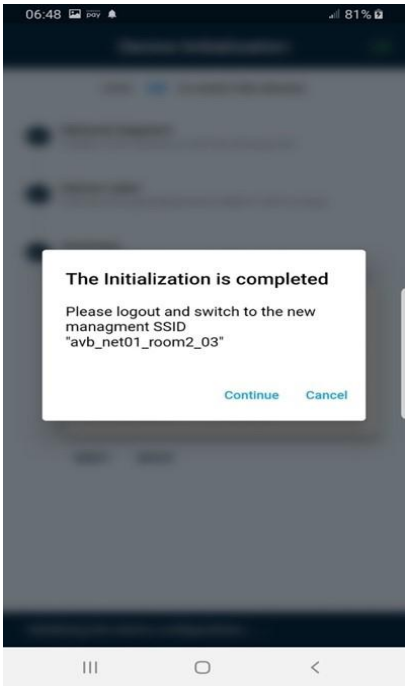


Click “Next” to check the summary of your configurations.



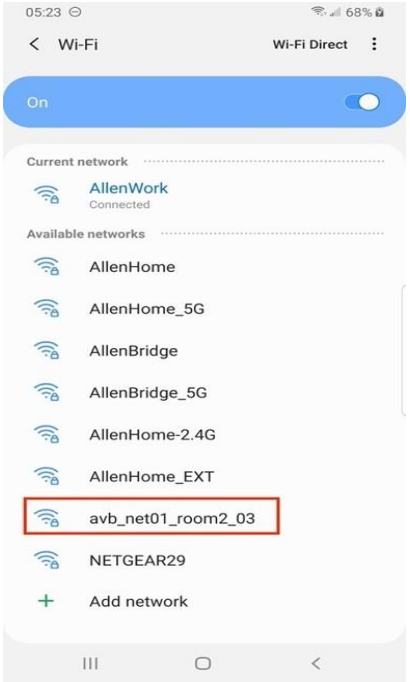
Once you confirm the configurations are correct, click “Next” to initialize the WaveTunnel settings for this device. When the initialization is completed, the popup window appears. Click “Continue” to finish the settings.

The format of the management SSID is now a combination of **avb_[network Id]_[device label].**



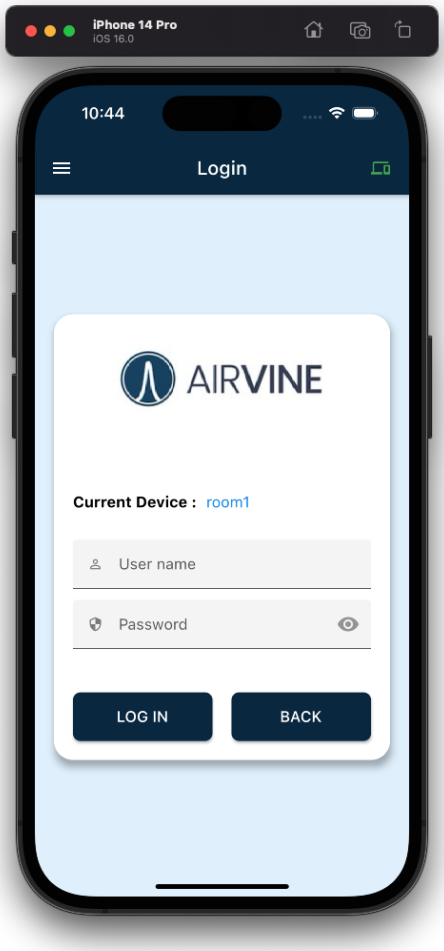
The “Select Device Network” page will be shown for you to switch the Wi-Fi SSID.

Click “Select Wi-FI” to switch to the newly configured management SSID “avb_net01_room2”.


05:23
68%
Wi-Fi
Wi-Fi Direct
On
Current network
AllenWork
Connected
Available networks
AllenHome
AllenHome_5G
AllenBridge
AllenBridge_5G
AllenHome-2.4G
AllenHome_EXT
avb_net01_room2_03
NETGEAR29
Add network

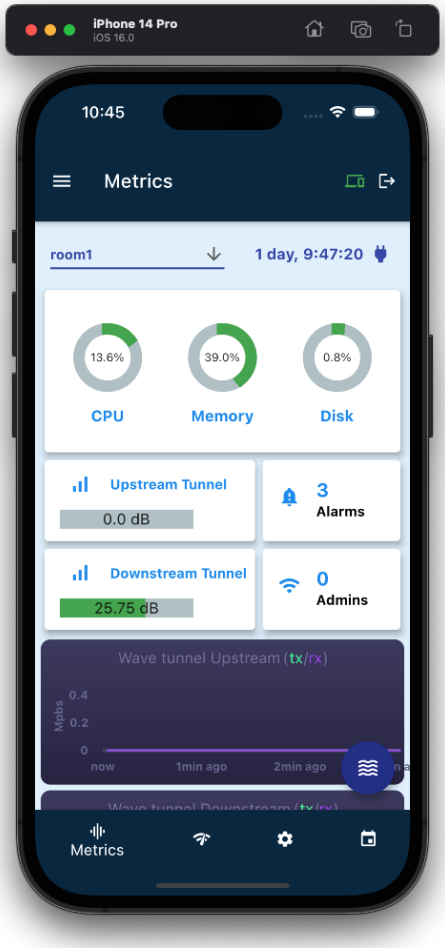
iPhone 14 Pro
iOS 16.0
10:39
Select Device Network
AIRVINE
WiFi: N/A
Device IP:
Get device IP from
Device WiFi
User Input
Select WiFi
Connect

Click “Connect” to go to the Login page



This device is configured successfully. You can use the default username and

password to login the mobile App management page. You will see the tunnel connection is established on the dashboard page.



Manage the WaveTunnel device firmwares

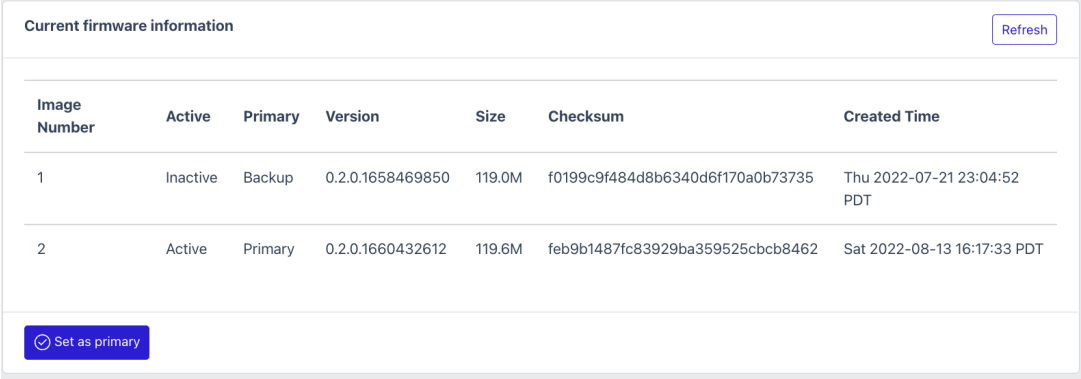
Check the current firmware information

There are two image banks in the WaveTunnel device which allow us to load two firmware image files. But only one image is active and the other is the backup. This gives us the capability to update the image to the back bank first without impacting the service. Also, we can revert back to the previous if the new firmware is not running well.

The Firmware information page shows the following information.

Active status, Is Primary or backup image, Firmware version , Size, checksum and image created date

[WEB GUI]
Operation -> Firmware Update



Current firmware information

Refresh

Image Number	Active	Primary	Version	Size	Checksum	Created Time
1	Inactive	Backup	0.2.0.1658469850	119.0M	f0199c9f484d8b6340d6f170a0b73735	Thu 2022-07-21 23:04:52 PDT
2	Active	Primary	0.2.0.1660432612	119.6M	feb9b1487fc83929ba359525cbcb8462	Sat 2022-08-13 16:17:33 PDT

Set as primary

[Mobile App]
Settings -> Firmware -> Info