



# Deco App User Guide

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# Get Started

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# About This Guide

This guide provides a brief introduction to the Deco app.

Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP. All images, steps, and descriptions in this guide are only examples and may not reflect your actual Deco experience.

## Conventions

In this guide, the following conventions are used:

| Convention       | Description                                                                                              |
|------------------|----------------------------------------------------------------------------------------------------------|
| <u>Underline</u> | Hyperlinks are in teal and underlined. You can click to redirect to a website or a specific section.     |
| Teal             | Key information appears in teal, including management page text such as menus, items, buttons and so on. |
| ■ Note:          | Ignoring this type of note might result in a malfunction or damage to the device.                        |
| 🔗 Tips:          | Indicates important information that helps you make better use of your device.                           |

## IoT Compatibility Disclaimer

IoT compatibility refers only to smart devices that can be controlled via the Deco app. Other wireless devices can still connect to Deco for normal Wi-Fi use.

## Seamless Roaming Disclaimer

Clients need to support 802.11k/v/r and may require additional set up. Performance may vary depending on the client device.

## HomeShield Disclaimer

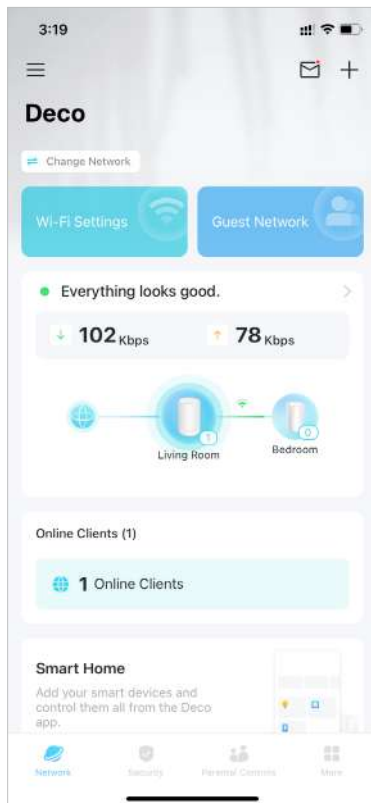
HomeShield includes the Free Basic Plan. Fees apply for the Pro Plan. Visit <https://www.tp-link.com/homeshield/> for more information.

# Introduction to Deco App

TP-Link Deco app is the perfect way to set up your Deco mesh Wi-Fi in minutes and control your whole-home network. You can monitor your home Wi-Fi from anywhere, and make changes right from the palm of your hand.

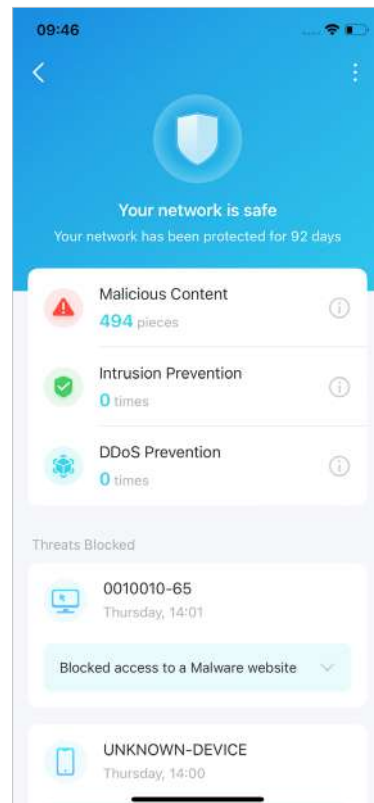
## Your network at-a-glance

Easily access what you use most in the reorganized dashboard. View the network topology and status, manage clients, and more.



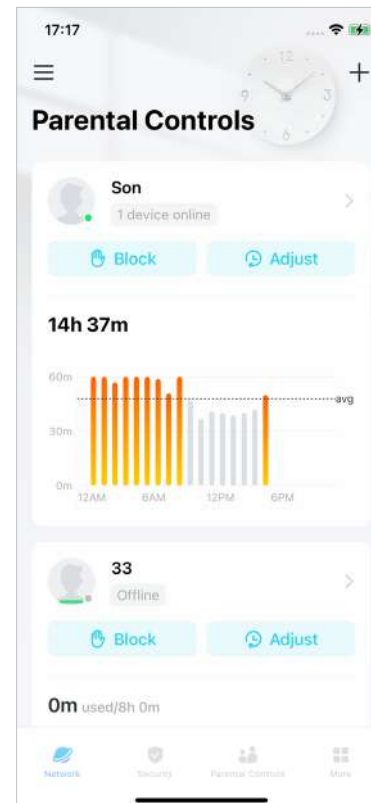
## Safeguard your network

Power up your protection against intrusions and attacks, stay updated on security details, and get network recommendations.



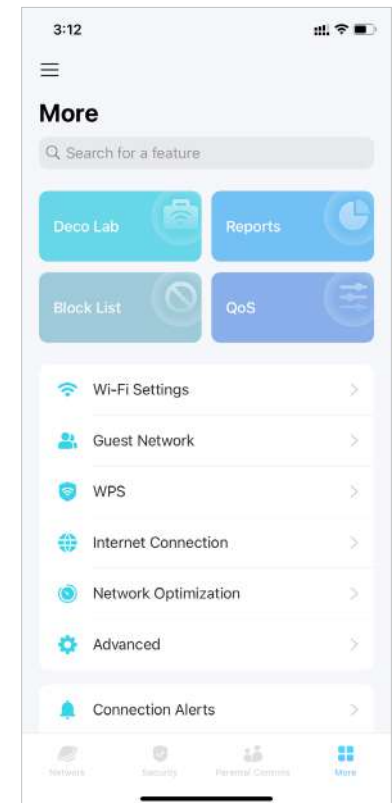
## Maintain healthy digital habits

Easily control your kids' online time and content. Receive intuitive charts and detailed statistics concerning your kids' online usage.



## More features within reach

Test the in-development features at the Deco Lab, receive intuitive network reports, set up networks for dedicated needs, and more.



\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

# Set Up Your Deco Network

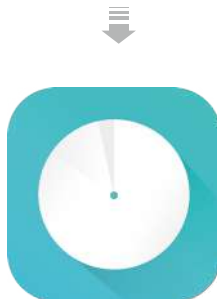
First let's start by setting up the Deco network. Get the TP-Link Deco app for iOS or Android, then follow the app to walk through the setup.

## 1. Get the Deco app

Download and install the Deco app from Google Play or App Store, or by scanning the QR code below.



or



## 2. Log in with TP-Link ID

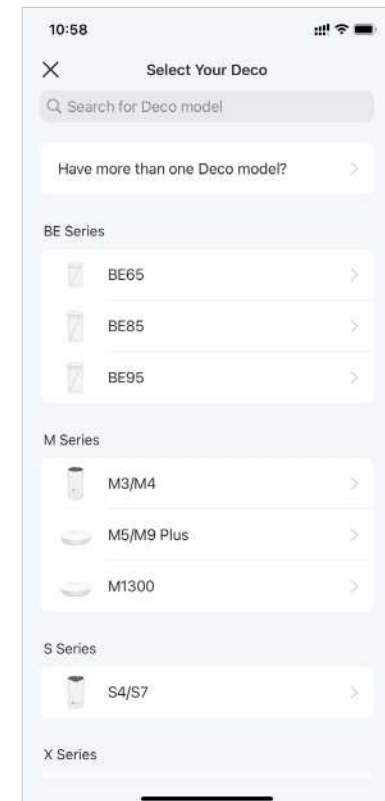
Open the app and log in with your TP-Link ID. If you don't have a TP-Link ID, create one first.

[Tip](#): If you forgot your login password, tap [Forgot Password](#). The app will help you reset your password.



## 3. Select your Deco model

Search for and select your Deco model. If you have more than one Deco model, tap the question below the search box to check how to maximize the overall network.

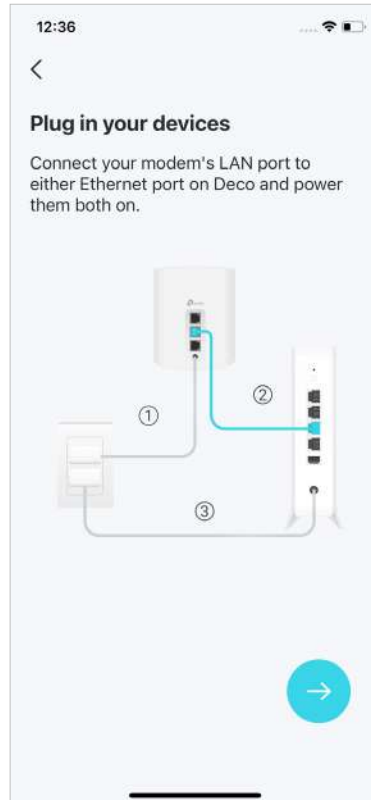


\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

#### 4. Plug in your devices

Power off your modem, connect your Deco to the modem, then power them both on.

If you don't have a modem, connect your Deco directly to the Ethernet outlet.



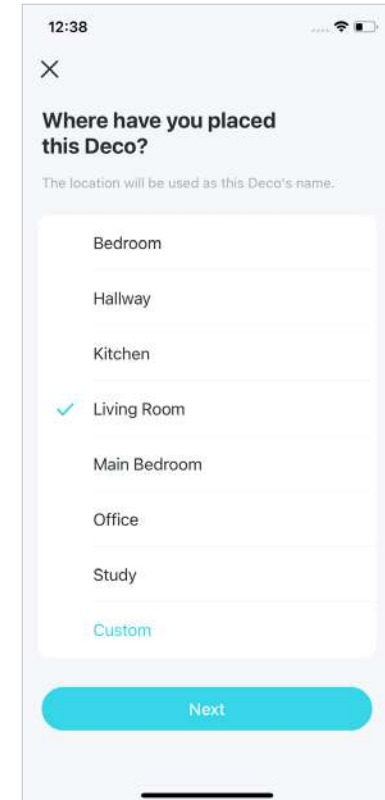
#### 5. Wait until your Deco is ready for setup

Wait until your Deco's LED pulses blue, indicating that your Deco is ready for setup.



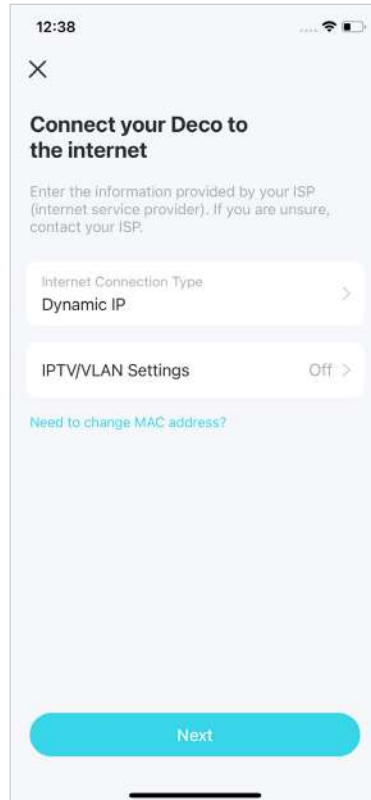
#### 6. Specify your Deco's location

Select or custom a location for your Deco. The location will be used as the name of your Deco.



## 7. Connect your Deco to the internet

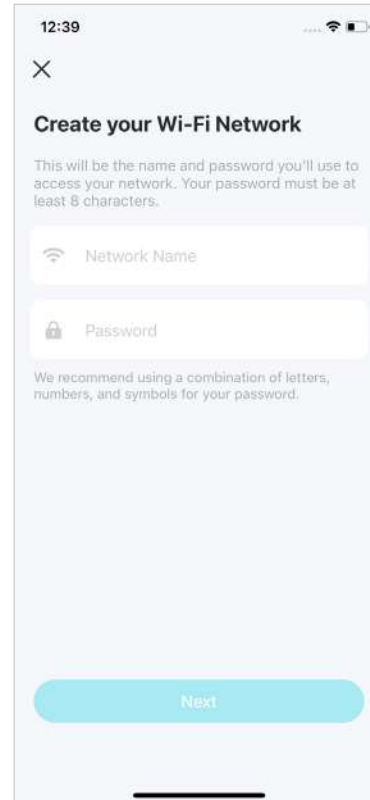
Select the internet connection type and enter the information. If you are not sure, contact your internet service provider.



The screenshot shows a mobile app interface for connecting a Deco device to the internet. At the top, the time is 12:38. The title is "Connect your Deco to the internet". Below the title, there is a note: "Enter the information provided by your ISP (internet service provider). If you are unsure, contact your ISP." There are two main settings: "Internet Connection Type" set to "Dynamic IP" and "IPTV/VLAN Settings" set to "Off". A link "Need to change MAC address?" is visible. A blue "Next" button is at the bottom.

## 8. Create your Wi-Fi network

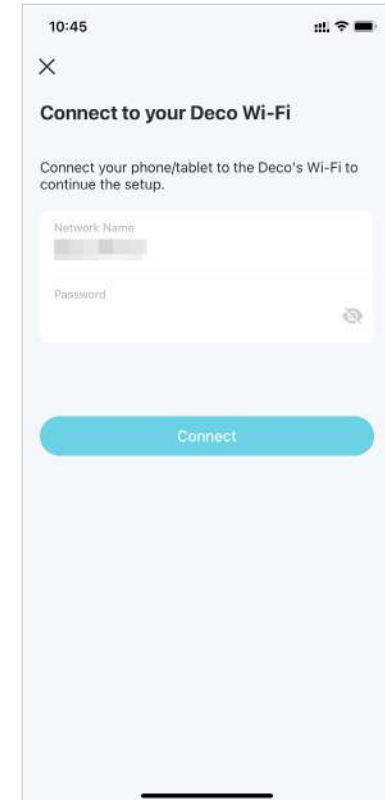
Set a network name and a password. These will be the name and password you use to connect your devices to Wi-Fi.



The screenshot shows a mobile app interface for creating a Wi-Fi network. At the top, the time is 12:39. The title is "Create your Wi-Fi Network". Below the title, there is a note: "This will be the name and password you'll use to access your network. Your password must be at least 8 characters." There are two input fields: "Network Name" and "Password". A note below the password field says: "We recommend using a combination of letters, numbers, and symbols for your password." A blue "Next" button is at the bottom.

## 9. Connect to your Wi-Fi network

Connect your smartphone/tablet to the Deco's Wi-Fi.



The screenshot shows a mobile app interface for connecting to the Deco's Wi-Fi. At the top, the time is 10:45. The title is "Connect to your Deco Wi-Fi". Below the title, there is a note: "Connect your phone/tablet to the Deco's Wi-Fi to continue the setup." There are two input fields: "Network Name" and "Password". A blue "Connect" button is at the bottom.

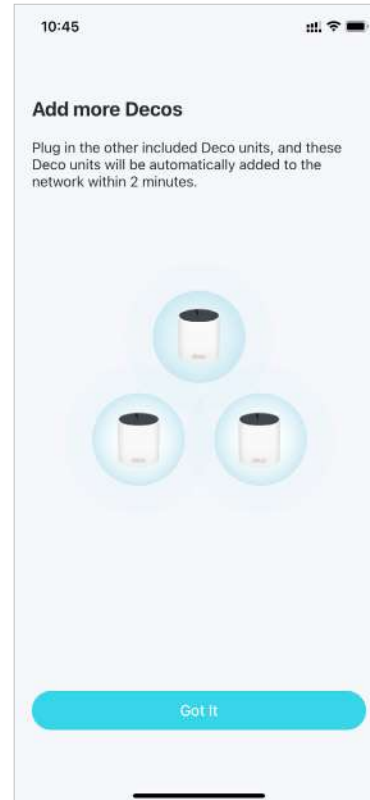
## 10. Setup complete

Your Deco network is now up. You can connect your devices to the Deco network.



## 11. Add more Decos

Plug in the other included Decos, and they will automatically join the network within 2 minutes.



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# Network

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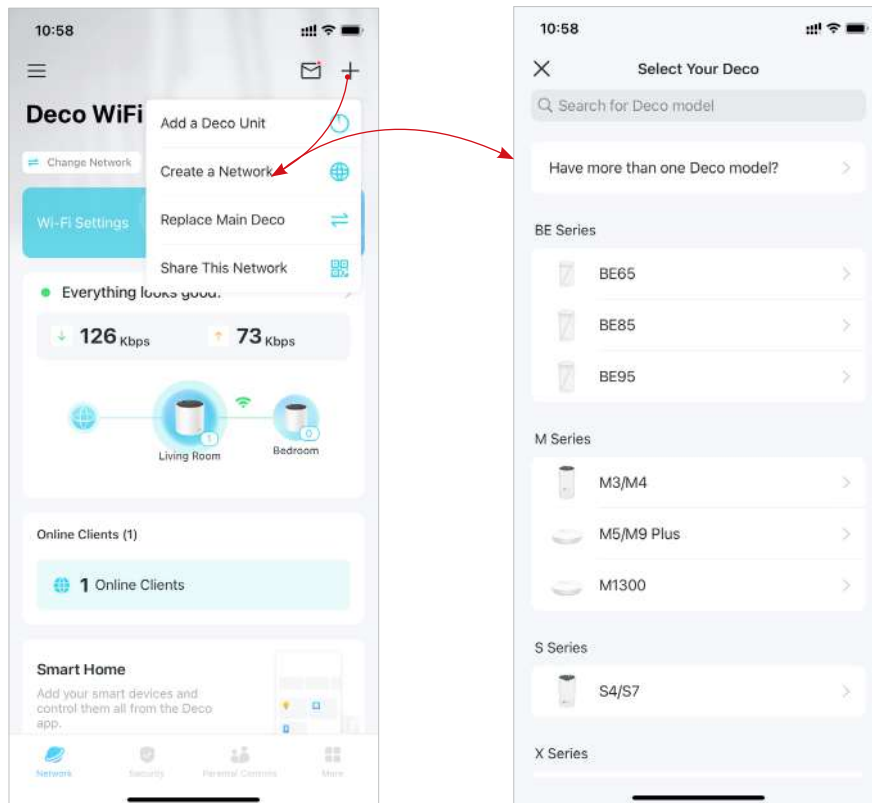
After setting up your Deco network, you can easily access what you use most in the reorganized dashboard. Create a new network, switch between networks, view the network topology and status, manage clients, and more.

# Create a New Network

In the Deco app, you can create different Deco networks with your TP-Link ID and manage them conveniently from the Deco app with one account. You can also help family or friends manage their networks with your Deco app. Two methods are provided as below to create a new network.

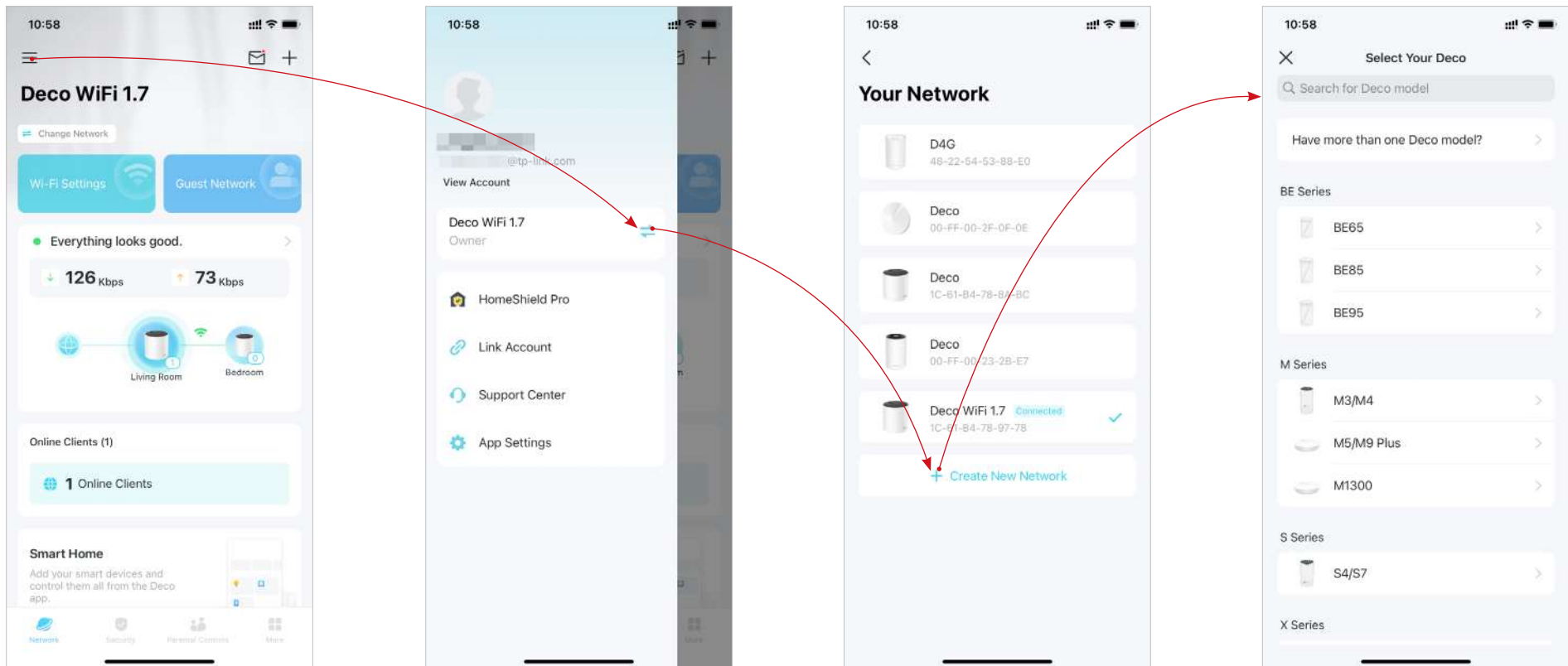
## Method 1. via the home page

1. On the home page, tap **+** and select **Create a Network**.
2. Search for and select your Deco model. Follow app instructions to create the network.



## Method 2. via the side menu

1. Tap  to open the side menu.
2. Tap .
3. Tap [Create New Network](#).
4. Search for and select your Deco model. Follow app instructions to create the network.



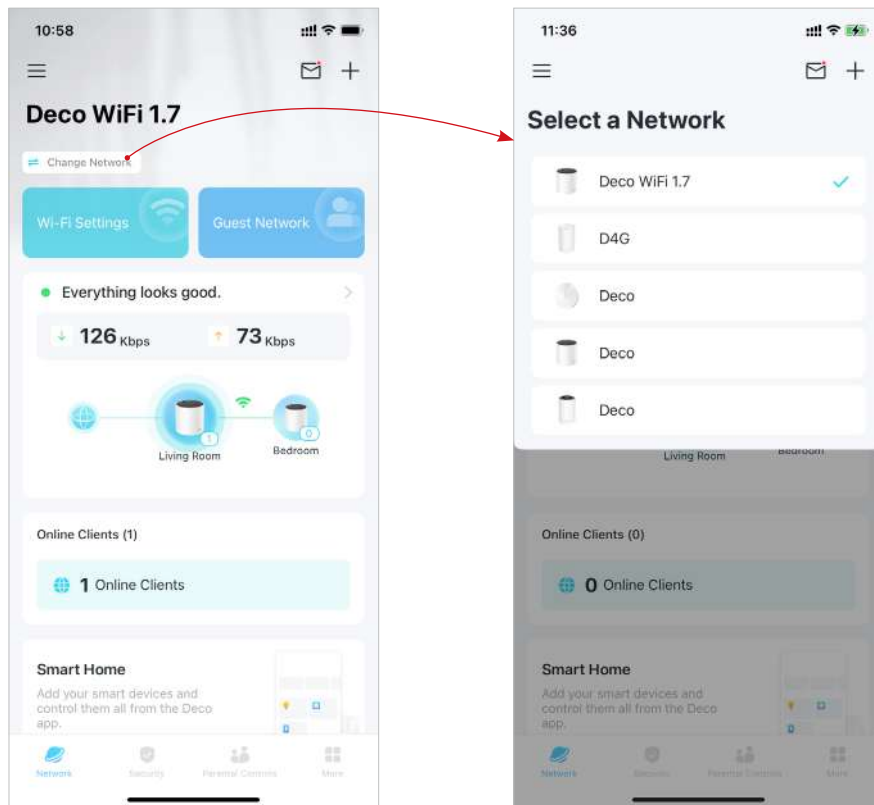
\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

# Switch Between Deco Networks

If you have created multiple Deco networks with your TP-Link ID, you can switch between them conveniently.

## Method 1. via the home page

1. On the home page, tap [Change Network](#).
2. Select a network to switch to.



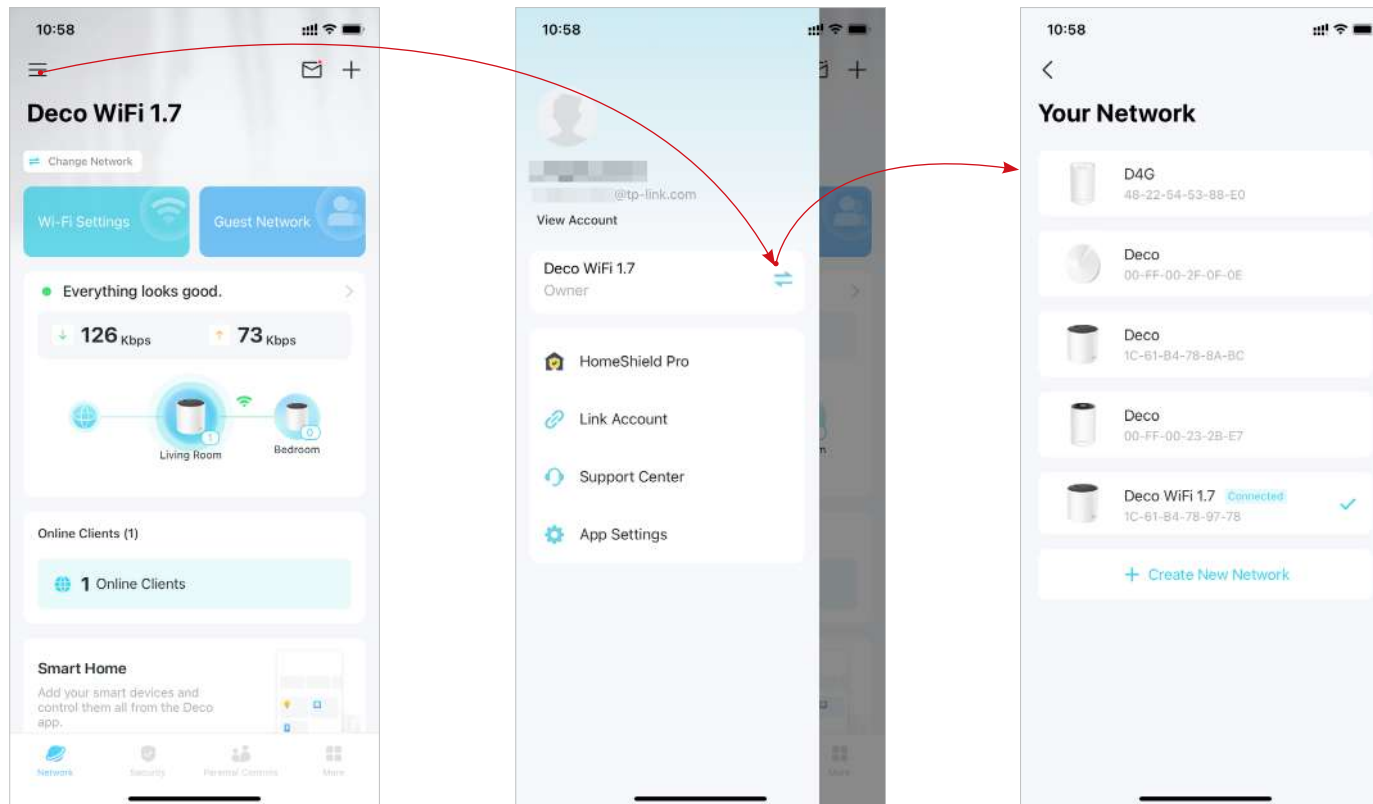
\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

## Method 2. via the side menu

1. Tap  to open the side menu.

2. Tap .

3. Select a network to switch to.

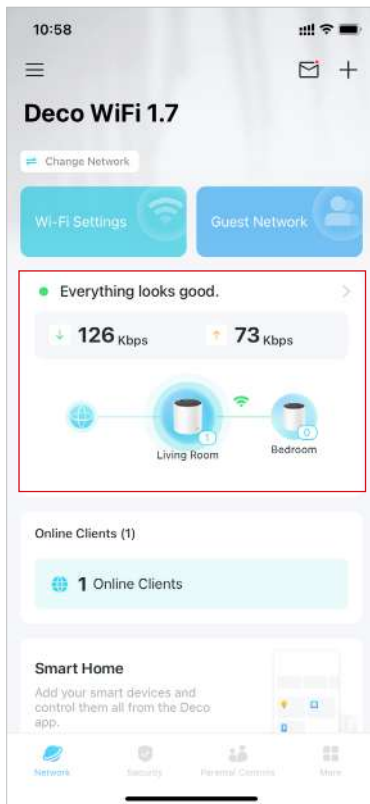


\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

# Monitor Your Deco Network

After setting up your Deco network, you can easily monitor your whole-home network. Check the network status and speeds, reboot network, change the network owner and main Deco, delete the network, and more.

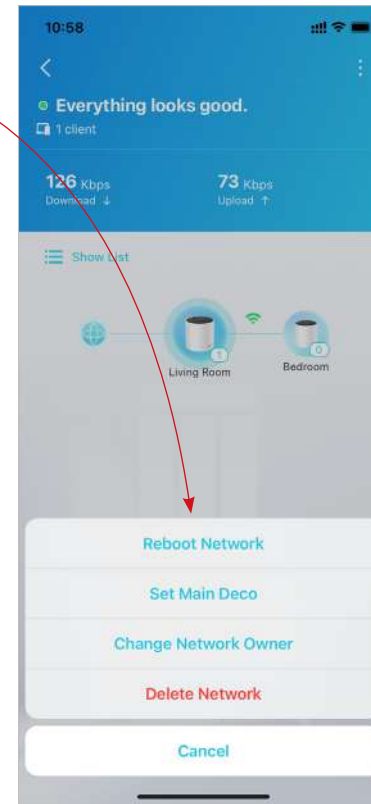
1. On the home page, tap the Network module.



2. Check the network status, speeds, and topology.



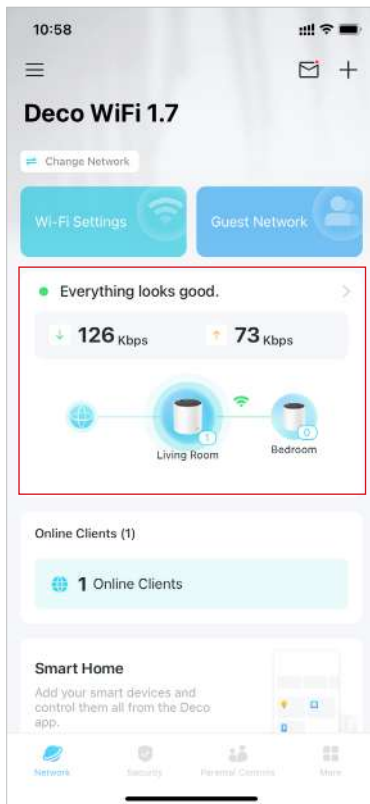
3. Tap  to manage the network.



# Manage Your Decos

You can easily manage the Decos in your network. View Deco connections, check the clients of each Deco, edit the Deco's name, and reboot or remove a Deco.

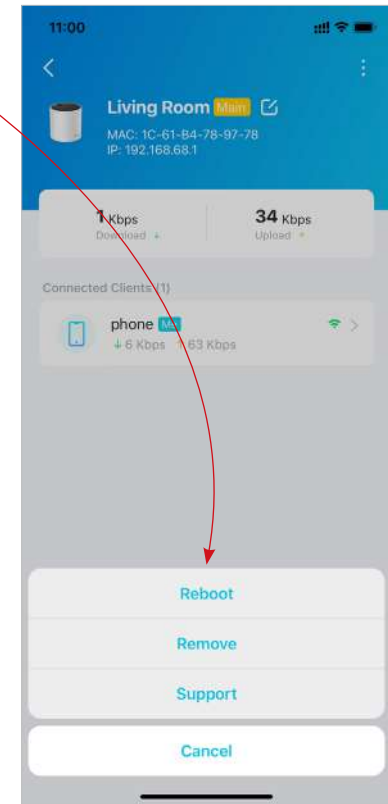
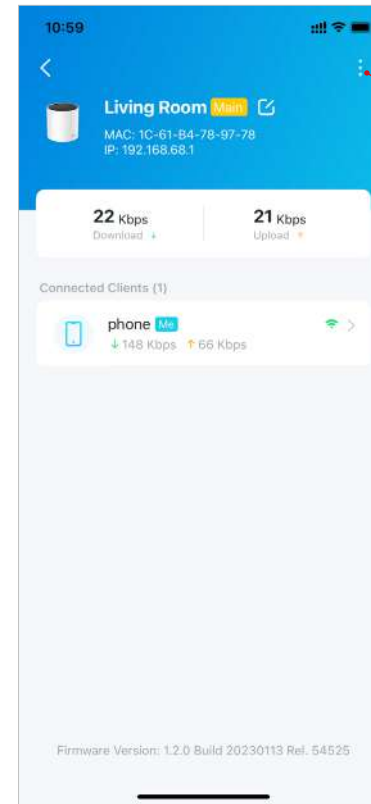
1. On the home page, tap the Network module.



2. Tap a Deco to view device details.



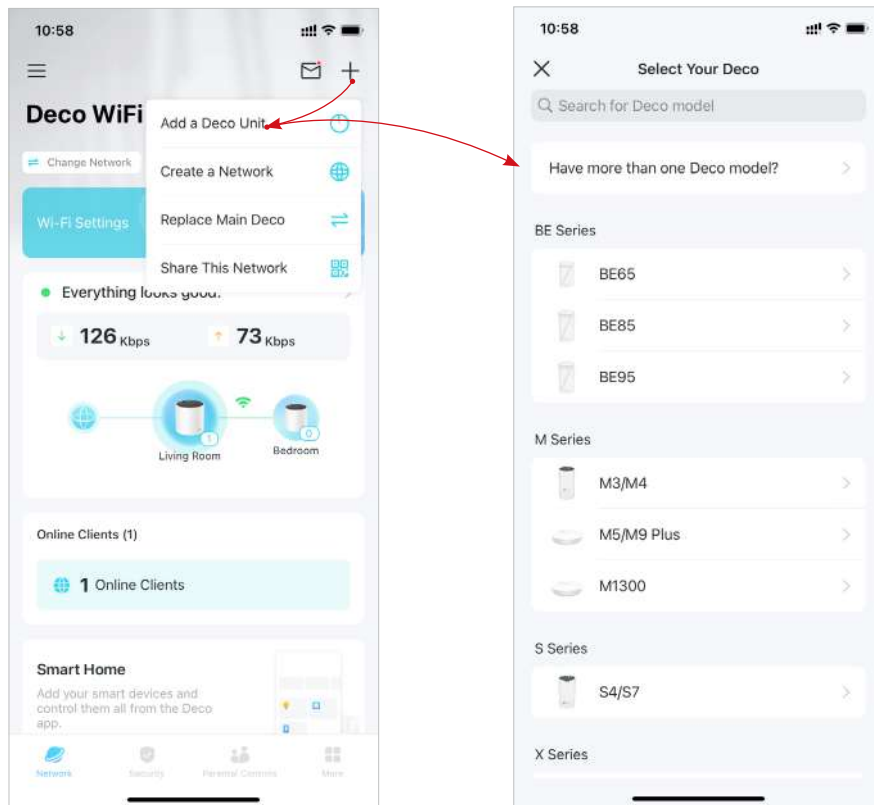
3. Tap  to reboot or remove the Deco.



# Add More Decos

After creating a Deco network, you can add more Decos to the network to expand the Wi-Fi coverage and manage them easily on your Deco app.

1. On the home page, tap **+** and select **Add a Deco Unit**.
2. Search for and select your Deco model. Follow app instructions to add the Deco.



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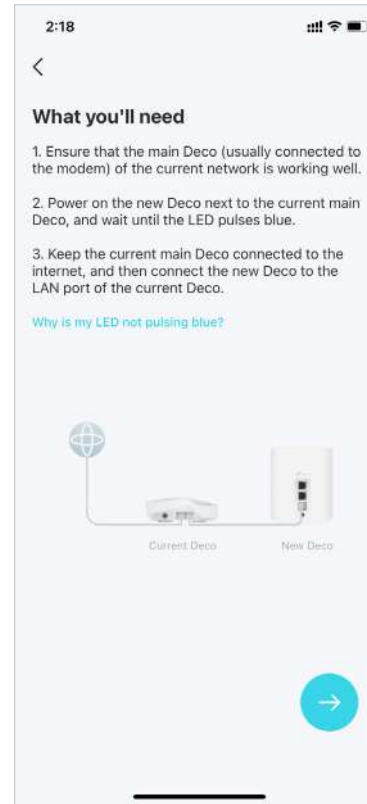
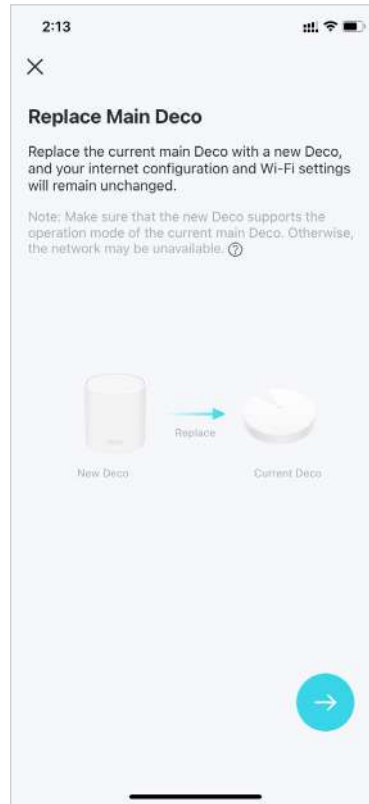
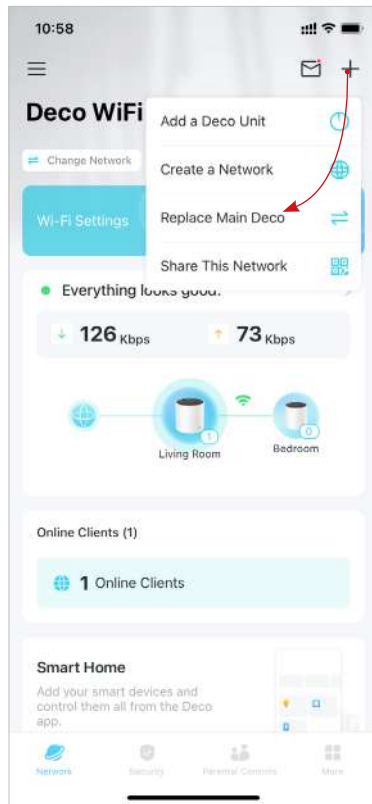
# Replace Main Deco

You can replace the current main Deco with a new Deco, and your internet configuration and Wi-Fi settings will remain unchanged.

**Note:** Make sure that the new Deco supports the operation mode of the current main Deco. Otherwise, the network may be unavailable.

1. On the home page, tap **+** and select **Replace Main Deco**.

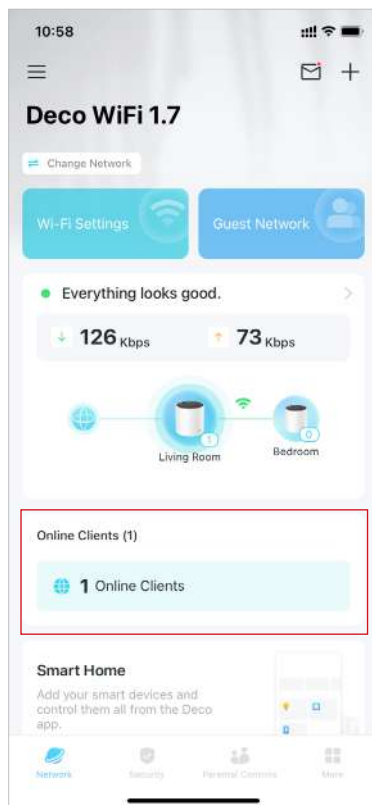
2. Follow instructions to complete the settings.



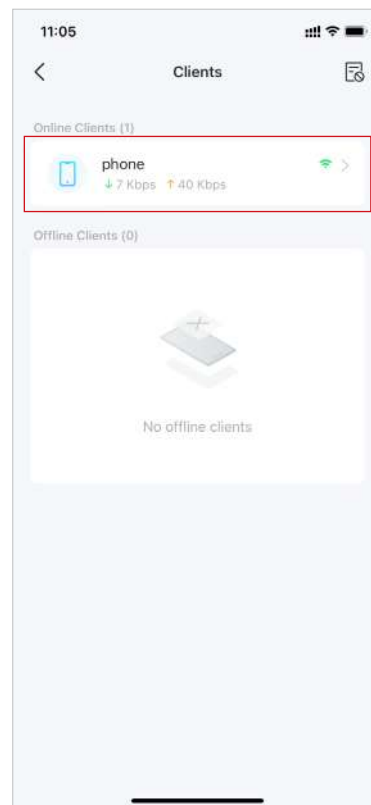
# Manage Network Clients

You can manage each network client easily. Change the device name, check its connection status, add it to the profile of a family member, enable high priority and Mesh Technology for it, and block the device.

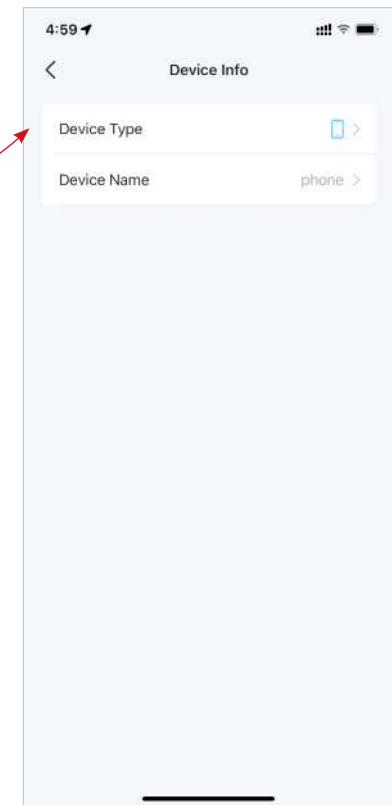
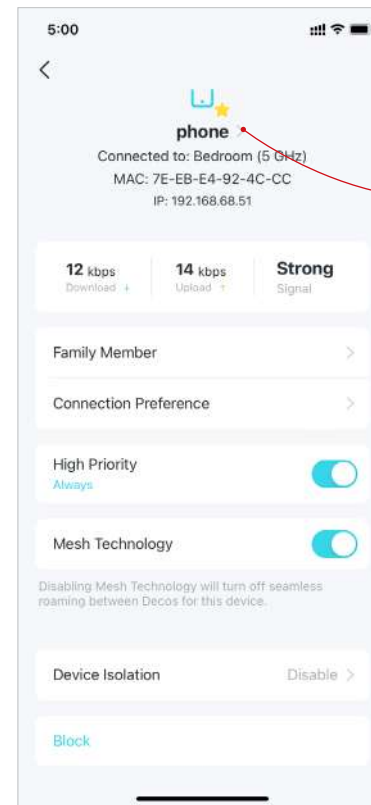
1. On the home page, tap the Clients module.



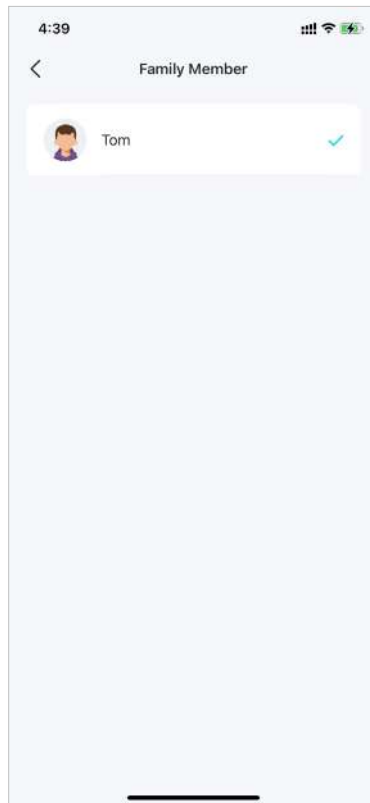
2. Tap a client to view device details.



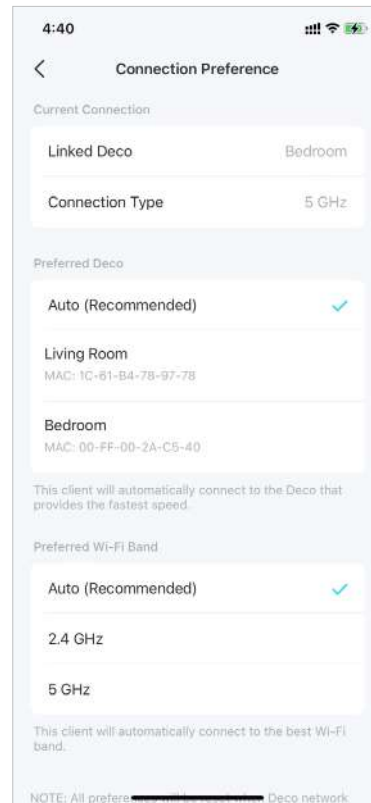
3. Configure the device type and device name.



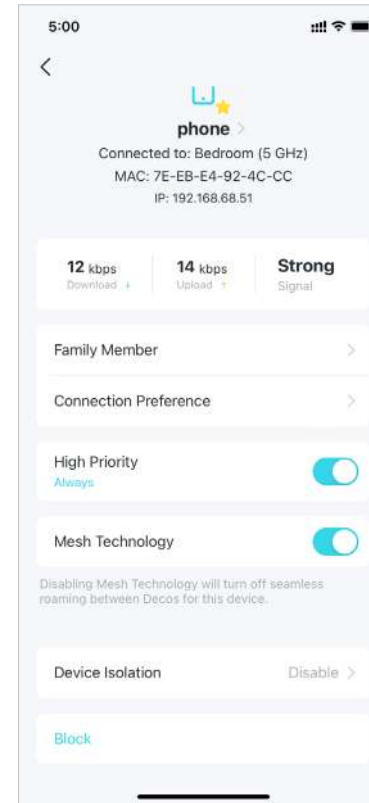
4. Tap **Family Member** to check the profile it belongs to.



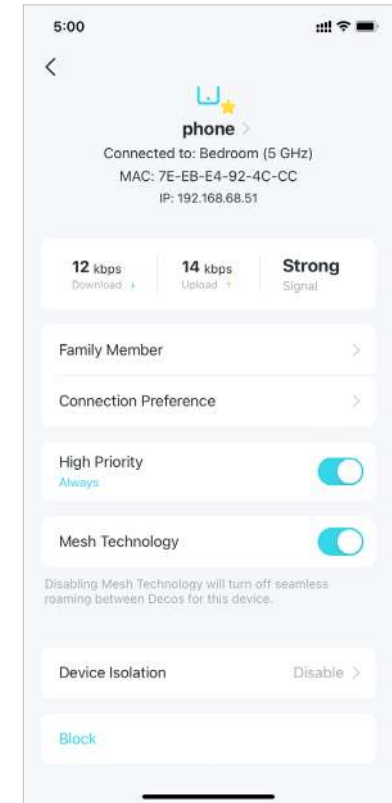
5. Tap **Connection Preference** to configure the preferred Deco and Wi-Fi band for this client.



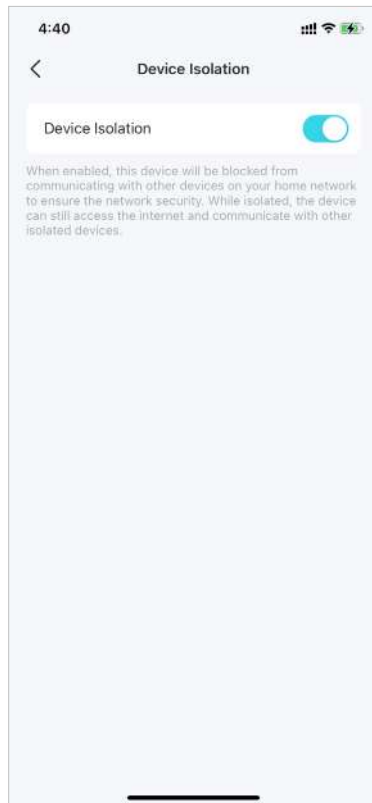
6. Enable **High Priority** for this client.



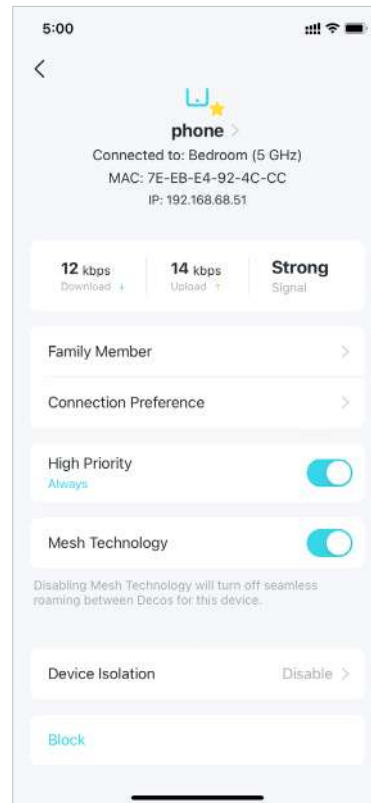
7. Enable **Mesh Technology** for this client to turn on seamless roaming between Decos for this device.



8. Enable [Device Isolation](#) to block this device from communicating with other devices on the network to ensure the network security.



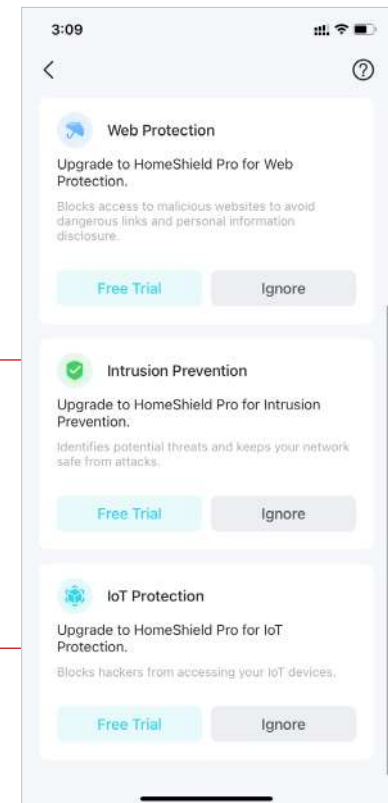
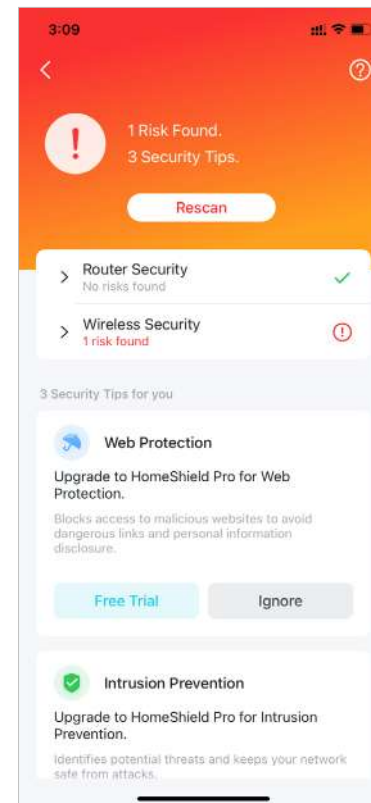
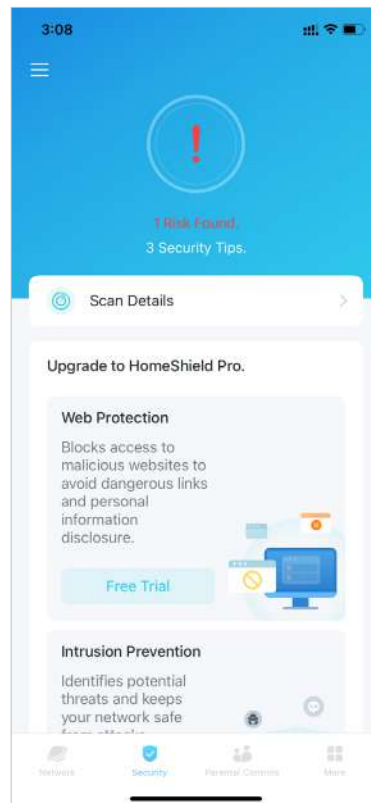
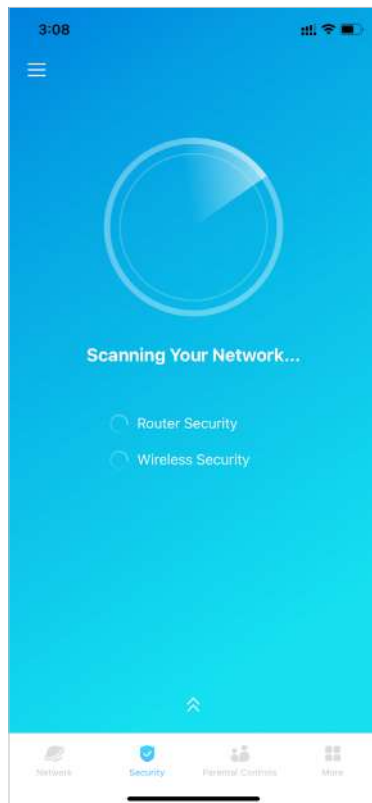
9. Tap [Block](#) to prevent this device from accessing to the network.



# Protect Your Network with HomeShield Pro

With HomeShield Pro, you can power up your protection against intrusions and attacks, stay updated on security details, and receive network recommendations.

1. On the home page, tap [Security](#). Deco will automatically scan your network and give you feedbacks.
2. If risks are detected, tap them to know more. Then upgrade to [HomeShield Pro](#) to optimize them and enhance your network security.



\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

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# Smart Home

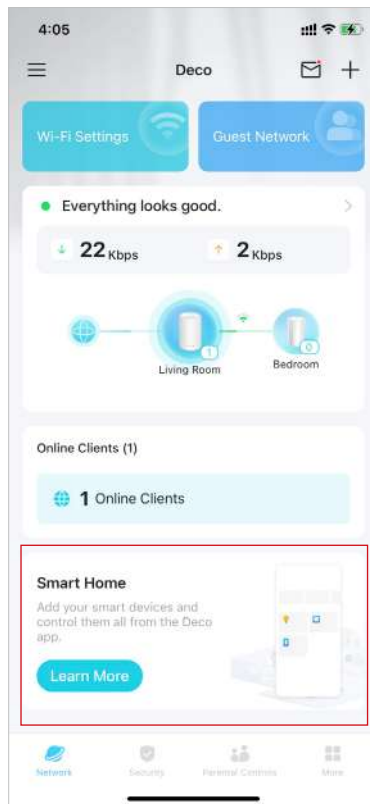
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After creating a Deco network, you can add your smart home devices to the network and manage them conveniently on your Deco app.

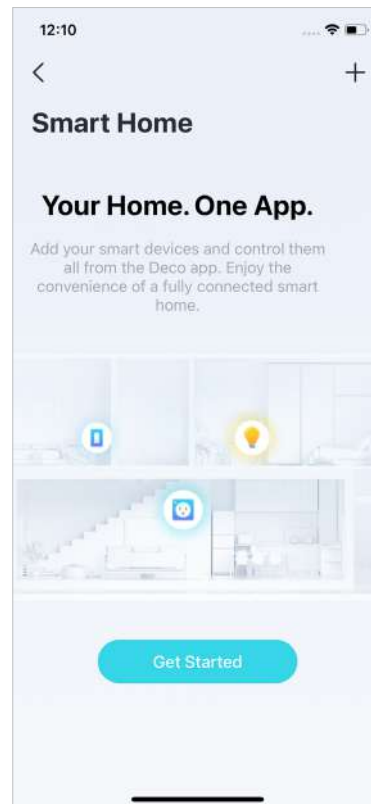
# Add Smart Devices

To set up your Smart Home, let's start by adding smart devices to your Deco network.

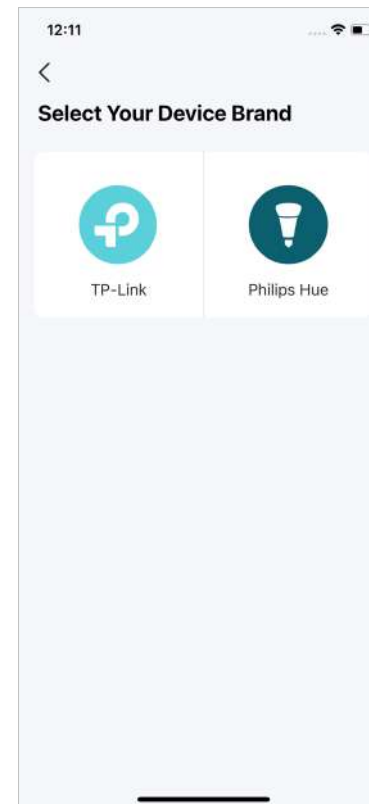
1. On the home page, swipe up and tap the Smart module.



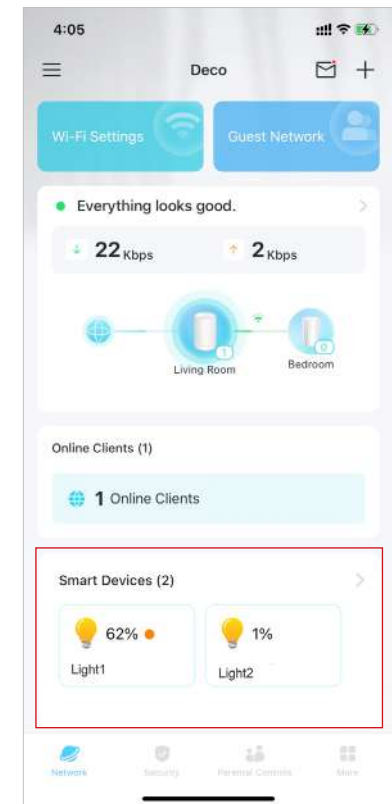
2. Tap [Get Started](#).



3. Follow app instructions to add your devices.



4. The added devices will be displayed in the Smart module.

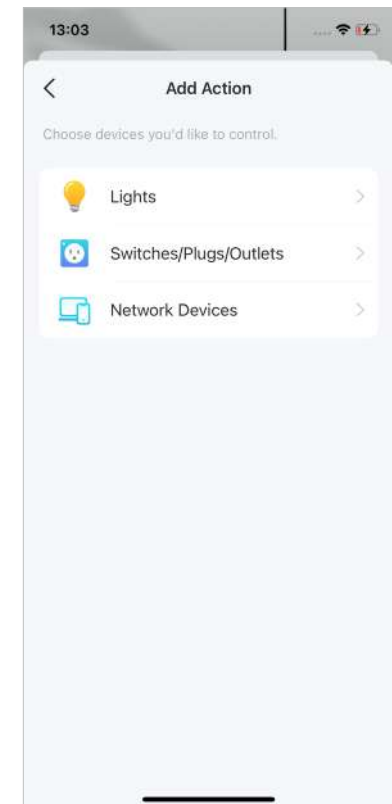
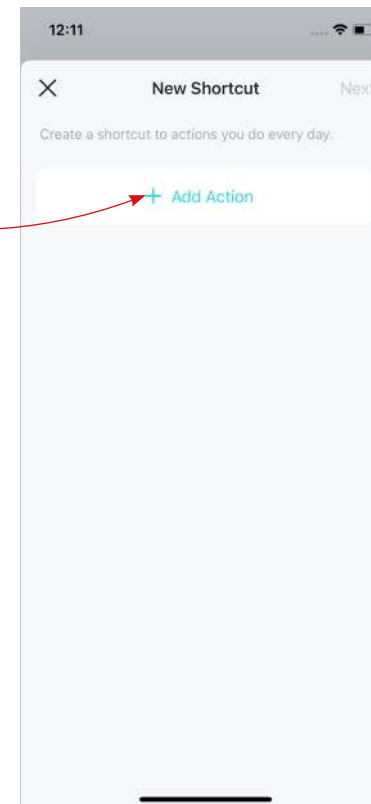
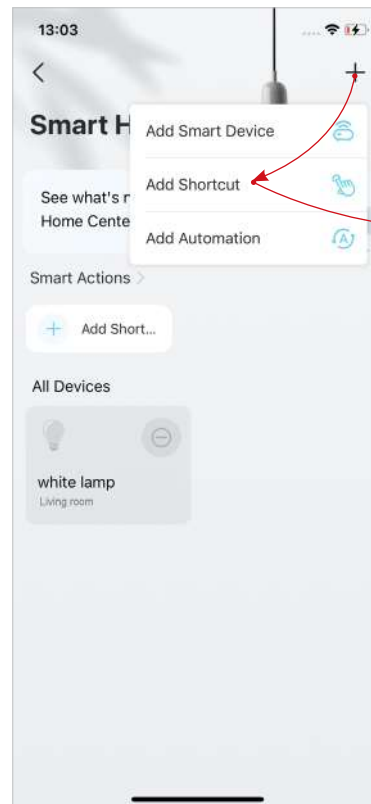
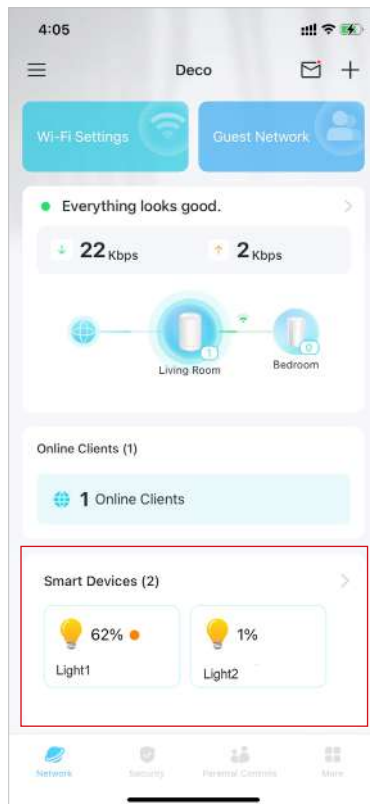


# Quickly Do Tasks with Shortcut

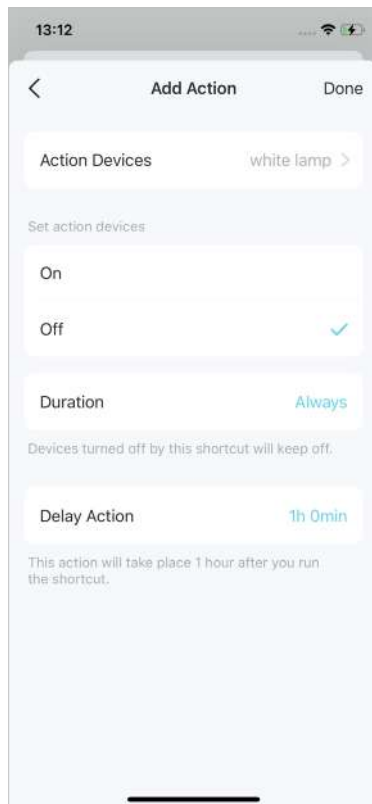
Shortcut lets you execute an action with a simple tap. For example, if you want to power off your living room light at one tap, follow the steps below.

📌 Note: If you want to create shortcuts for your smart devices, refer to [Add Smart Devices](#) to add the them to your Deco network first.

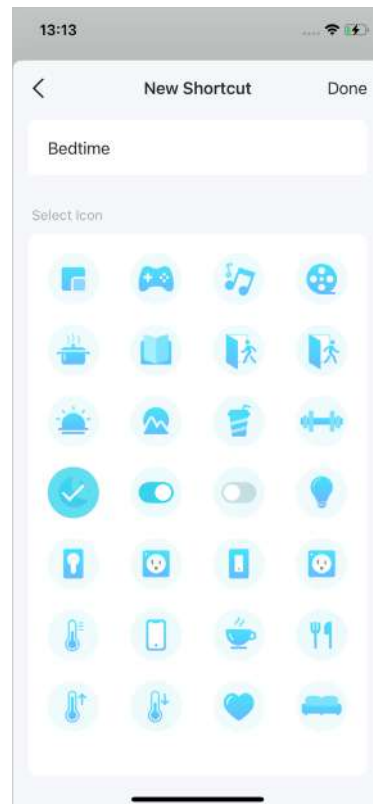
1. On the home page, swipe up and tap the Smart module.
2. Tap **+** and select [Add Shortcut](#).
3. Tap [Add Action](#).
4. Choose the devices you'd like to control.



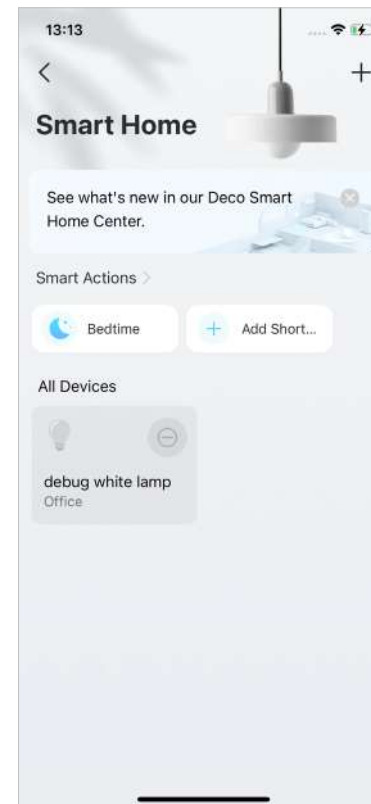
5. Add an action to be executed with a simple tap.



6. Name the shortcut and choose an icon for easy identification.



Now you can tap to execute the action anytime you like.

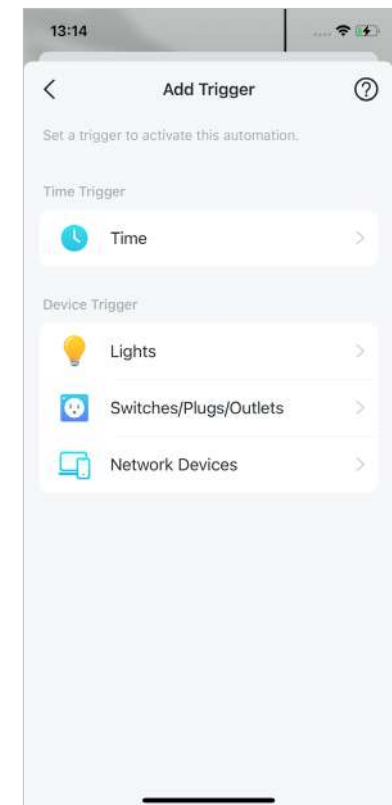
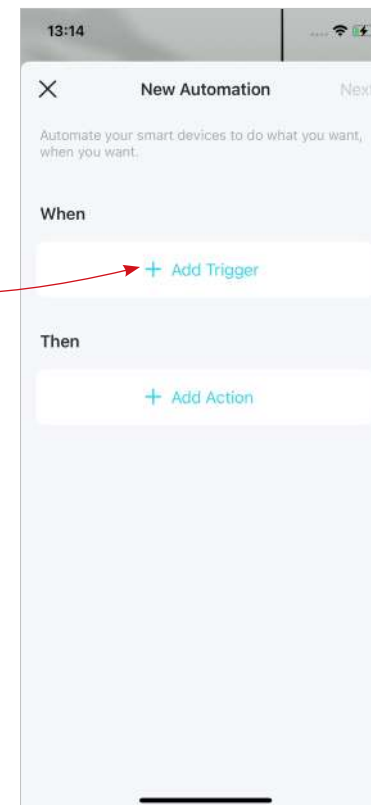
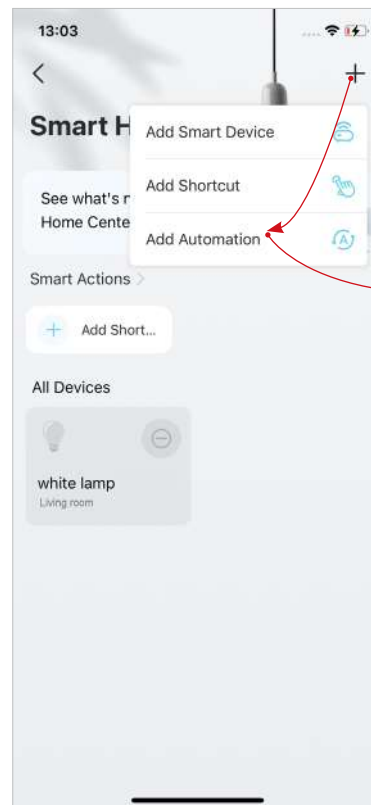


# Automate Your Smart Devices

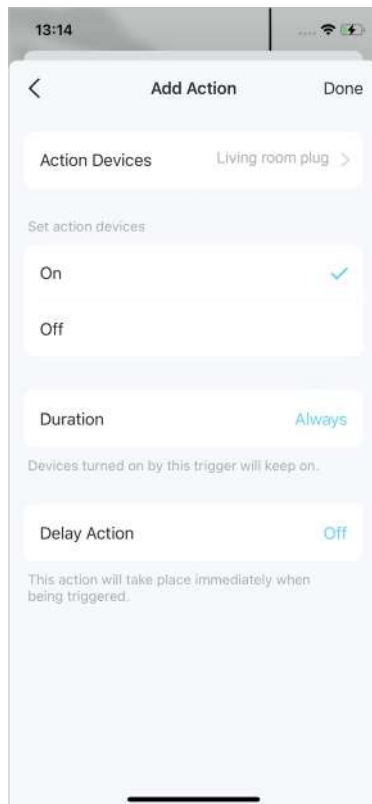
Automation allows you to set interactions between your devices by adding triggers and actions. For example, when you arrive home or when your smartphone is connected to the Deco network (which is a trigger), the living room plug automatically turns on (which is an action). Then the kettle plugged into the living room plug will start to boil water.

■ Note: If you want to create shortcuts for your smart devices, refer to [Add Smart Devices](#) to add the them to your Deco network first.

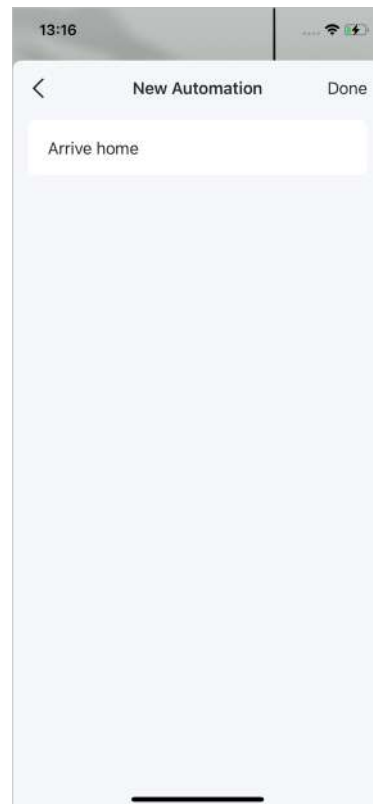
1. On the home page, swipe up and tap the Smart module.
2. Tap **+** and select **Add Automation**.
3. Tap **Add Trigger**.
4. Set a time or device trigger to activate this automation.



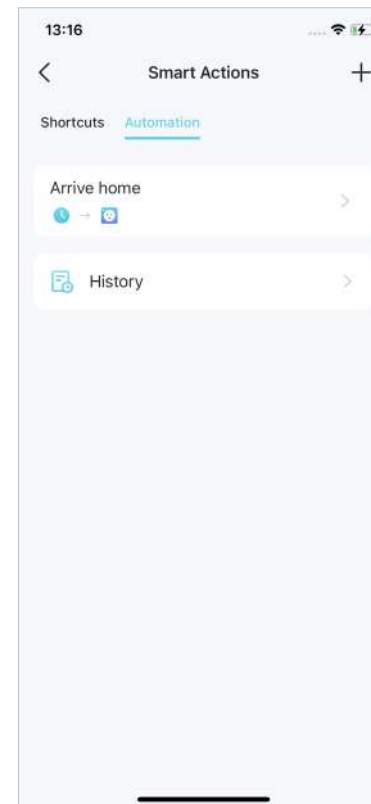
5. Add an action to be executed when triggered.



6. Name the automation.



Now the action will be executed when triggered.



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# Parental Controls

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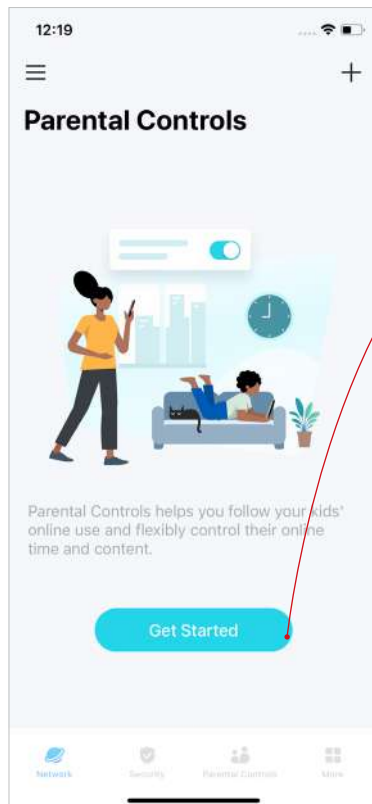
Parental Controls helps your kids maintain healthy digital habits.

Easily control your kids' online time and content. Receive intuitive charts and detailed statistics concerning your kids' internet usage.

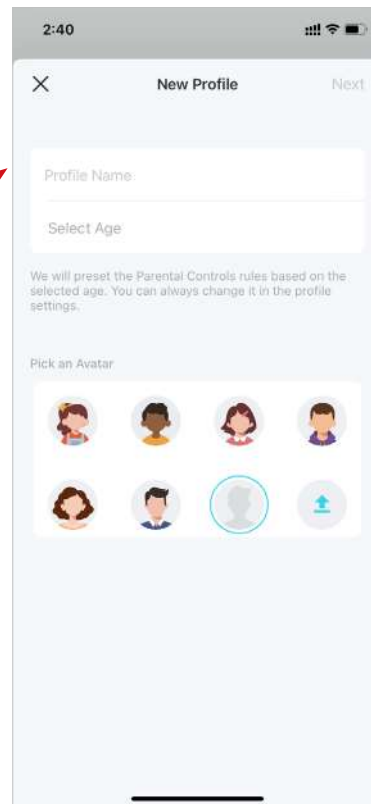
# Control Online Time and Content

To set up Parental Controls, let's start by creating profiles for your kids.

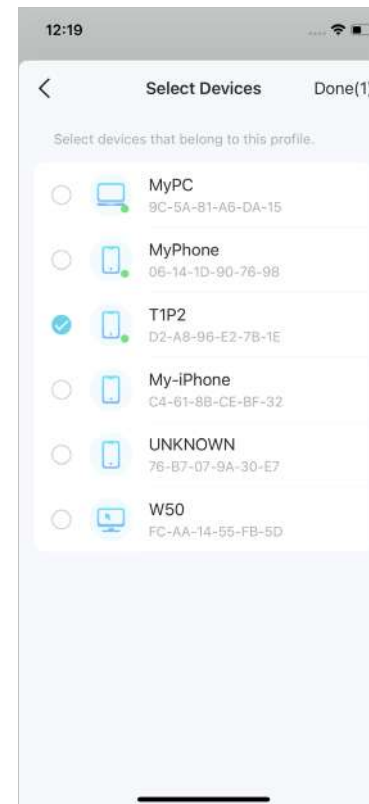
1. On the home page, tap **Parental Controls**.



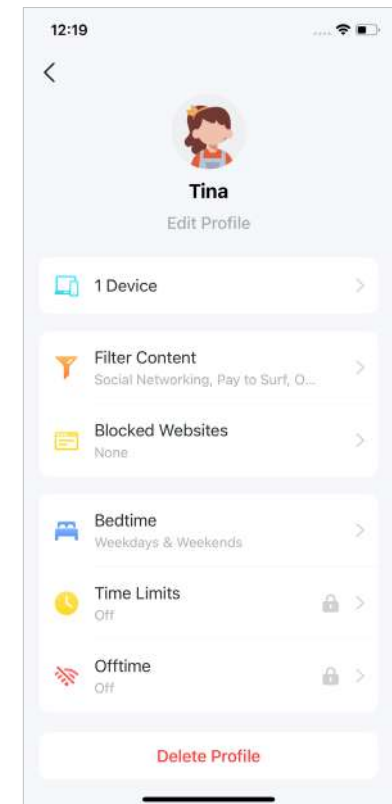
2. Tap **Get Started** and create a profile for your kid.



3. Select the devices belong to your kid.



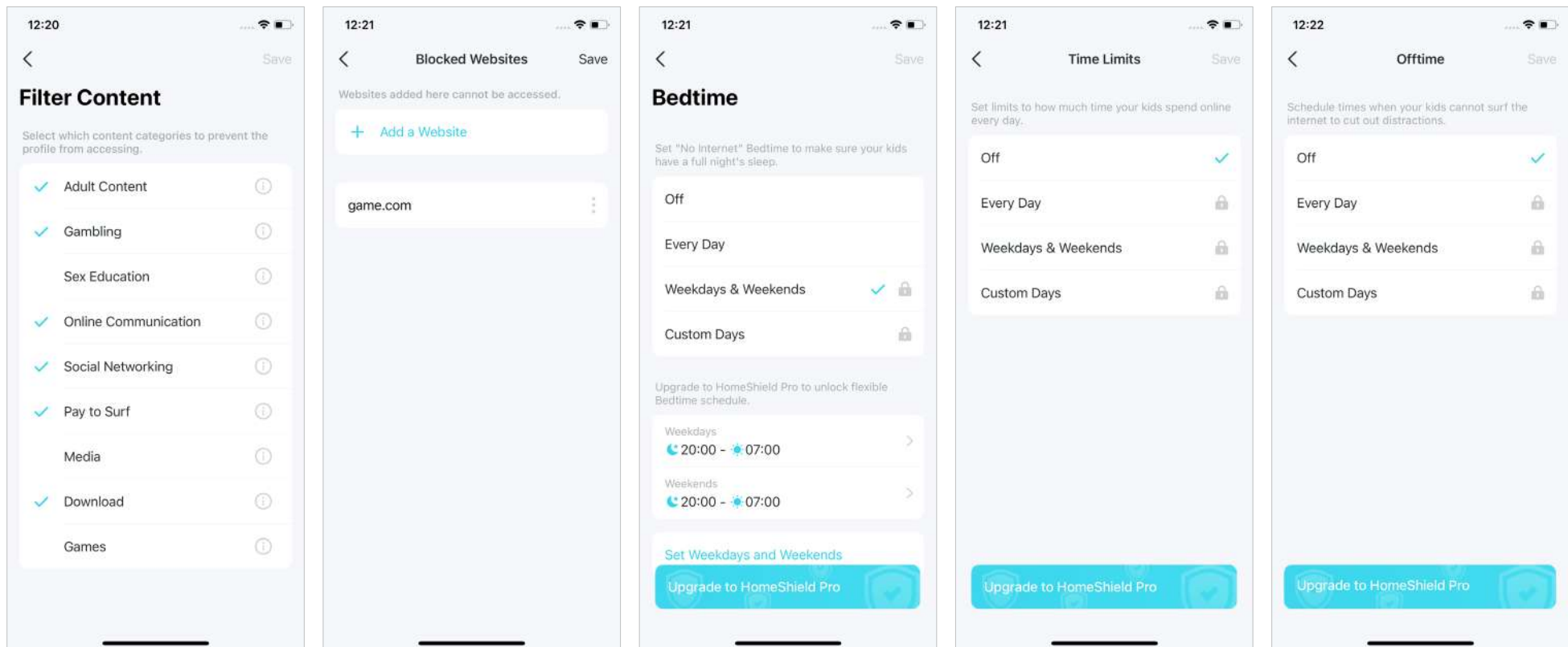
4. A profile will be created for your kid.



## 5. Control your kids' online time and content with the created profile.

 **Tip:** You can upgrade to HomeShield Pro for more flexible controls.

- Filter inappropriate content
- Block specific websites
- Set "No internet" bedtime
- Set online time limits
- Set "No internet" offtime



\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

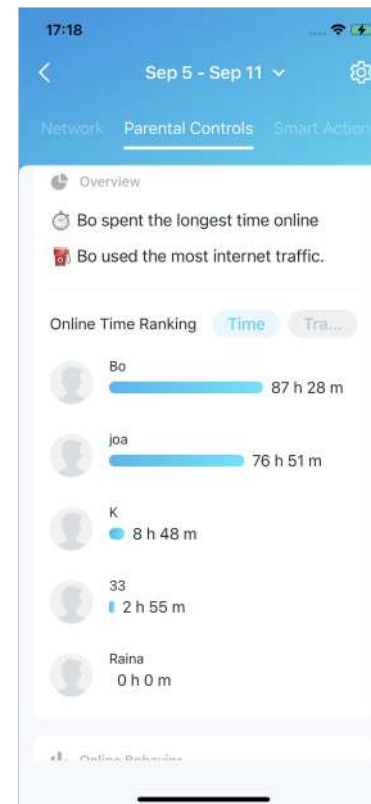
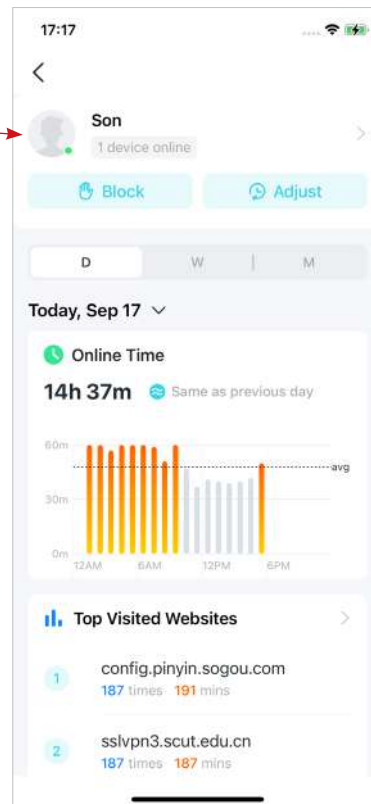
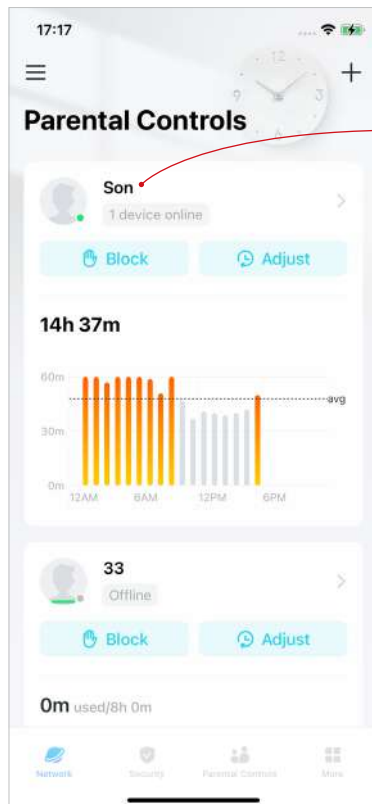
# Monitor the Internet Usage

With the created profiles, you can view intuitive charts and detailed statistics concerning your kids' internet usage.

1. On the home page, tap [Parental Controls](#).

2. Tap a profile to monitor the internet usage.

 **Tip:** You can also go to [More](#) > [Reports](#) for more statistics.



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# Owner and Managers

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The Owner creates the Deco network and has full authority to manage the network. The Owner can add one or multiple Managers to help manage the network as permitted.

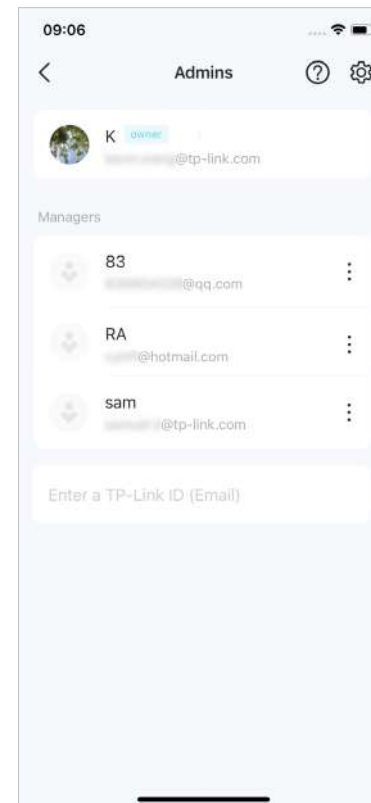
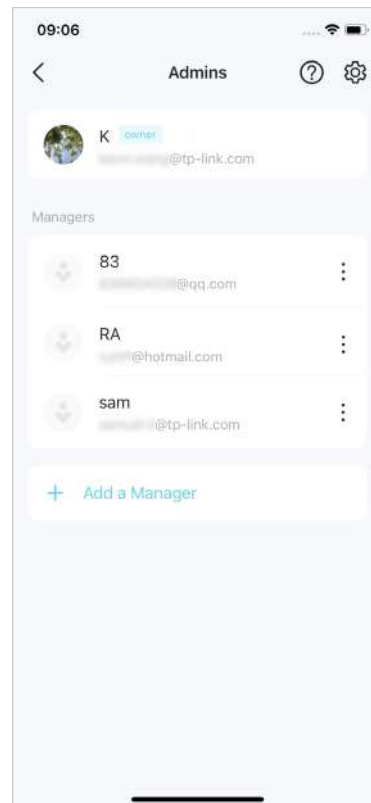
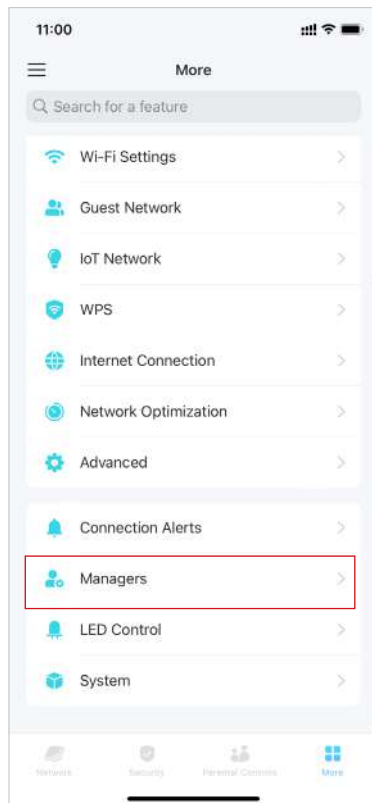
# Add Managers

Add friends and family members to help manage your network. Each manager should have their own TP-Link ID.

Note: Managers cannot modify the Owner account, add other accounts, or set manager privileges.

1. Go to [More > Managers](#).

2. Tap [Add a Manager](#) to add another TP-Link ID account as Manager.



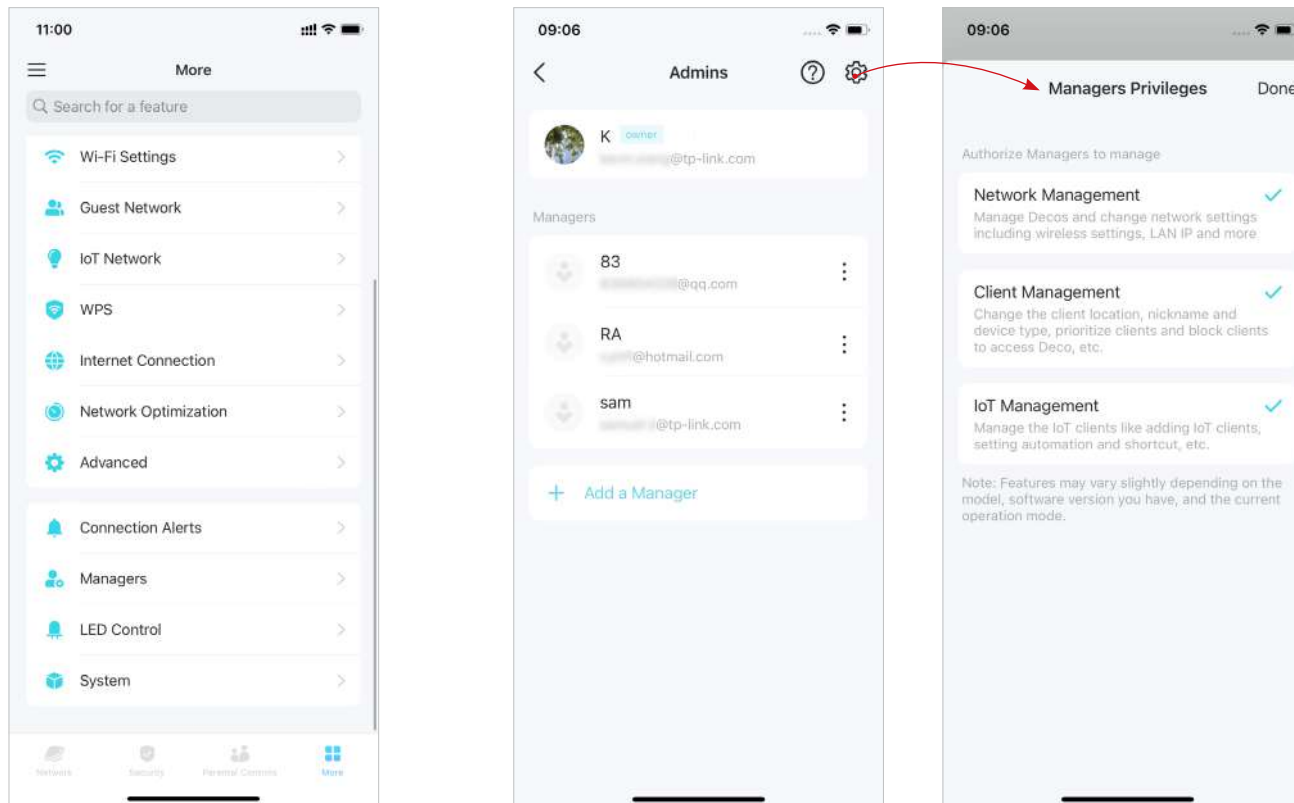
# Set Privileges for Managers

You can authorize Managers to manage specific settings.

Note: Privileges may vary slightly depending on the model, software version you have, and the current operation mode.

1. Go to [More > Managers](#).

2. Tap  to specify the privileges for the Managers.

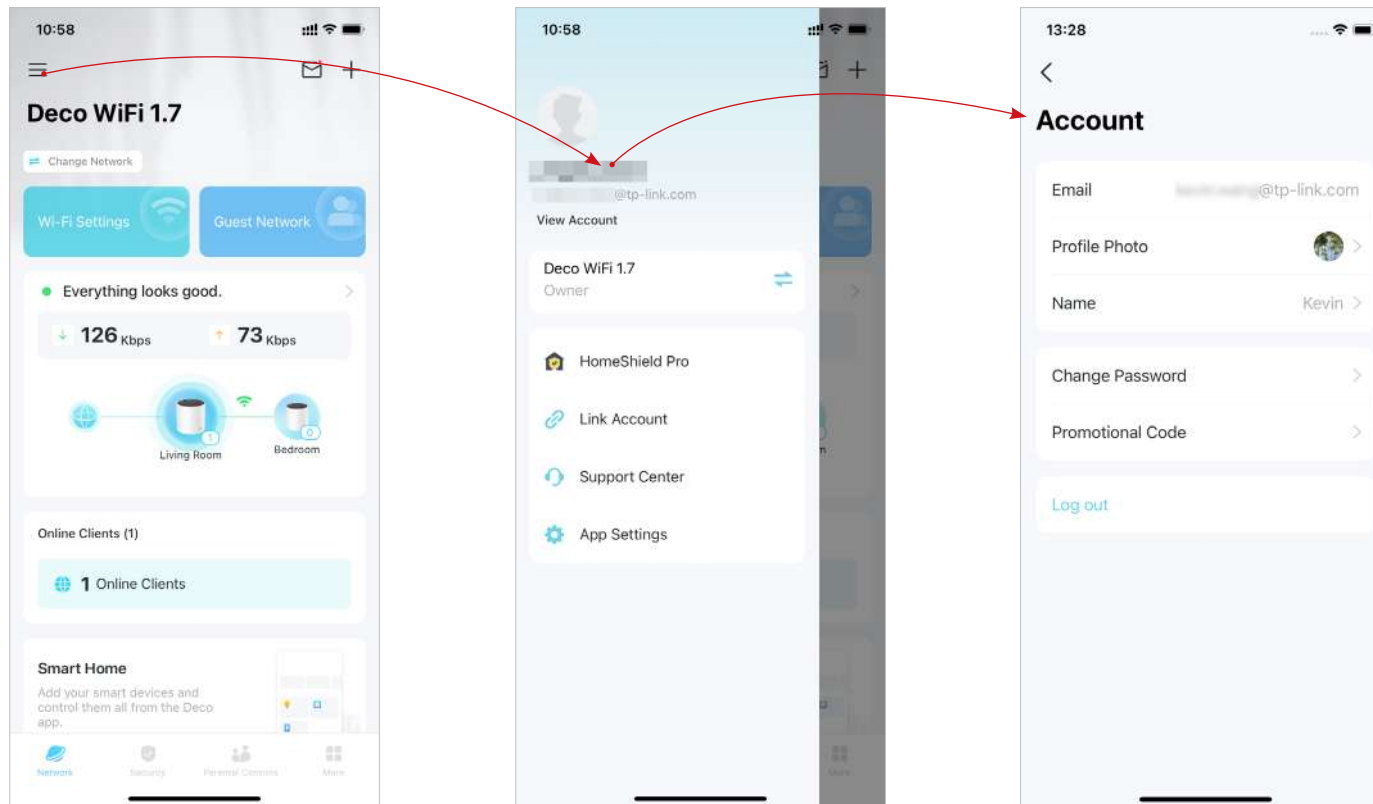


\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

# Change Account Information

You can change your account name, password, and profile photo.

1. Go to ☰ > your account to edit account information.
2. Tap your account for detailed information.
3. Change the account information as needed.



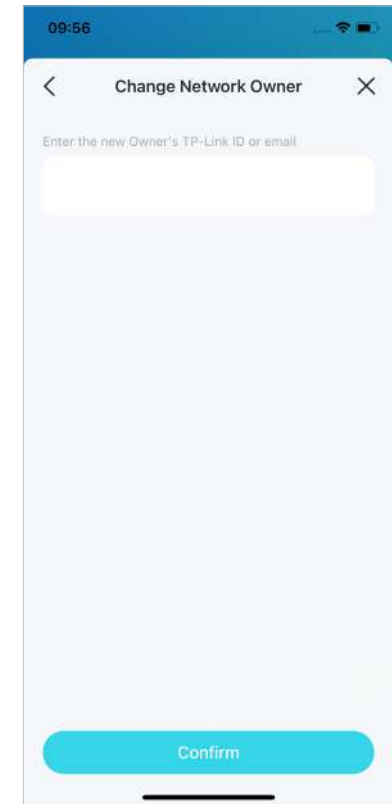
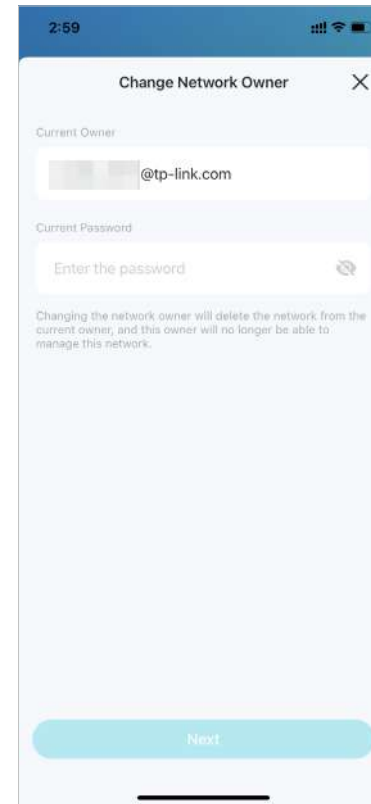
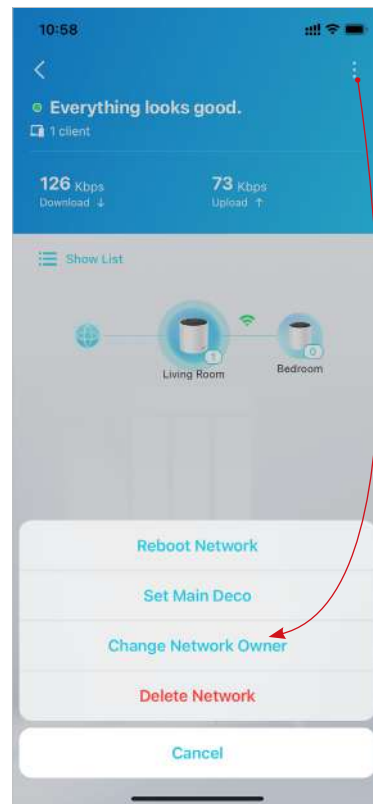
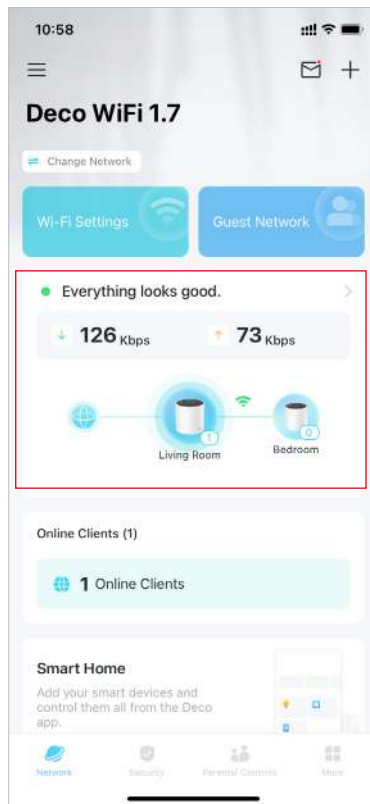
\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

# Change Network Owner

You can change the current Owner account to another TP-Link ID without resetting the whole Deco network. Follow the steps below.

■ Note: Changing the network owner will delete the network from the old Owner, and this Owner will no longer be able to manage this network.

1. On the home page, tap the Network module.
2. Tap  and select **Change Network Owner**.
3. Follow app instructions to change the Owner account. The old Owner will be unable to manage this network anymore. The new Owner needs to follow steps in an email sent from TP-Link to log in and manage the network.



\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

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# More Features

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More features are within reach. Test the in-development features at the Deco Lab, receive intuitive network reports, set up networks for dedicated needs, and more.

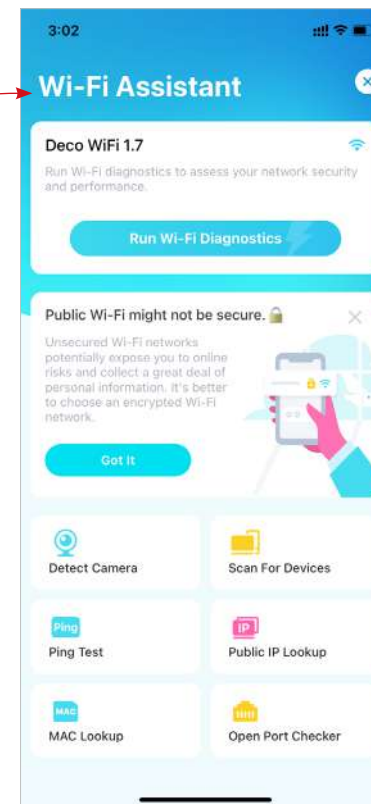
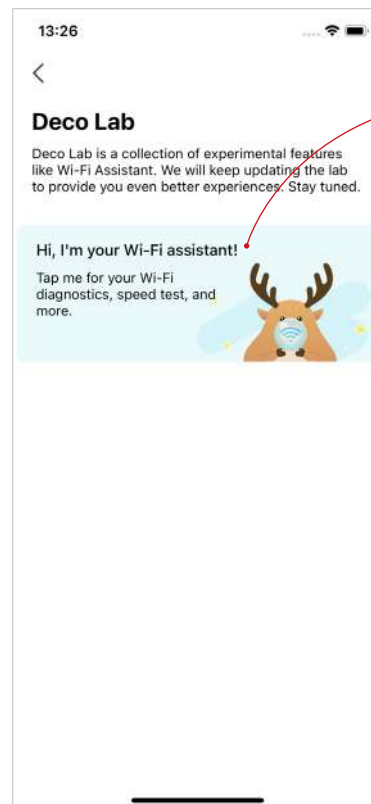
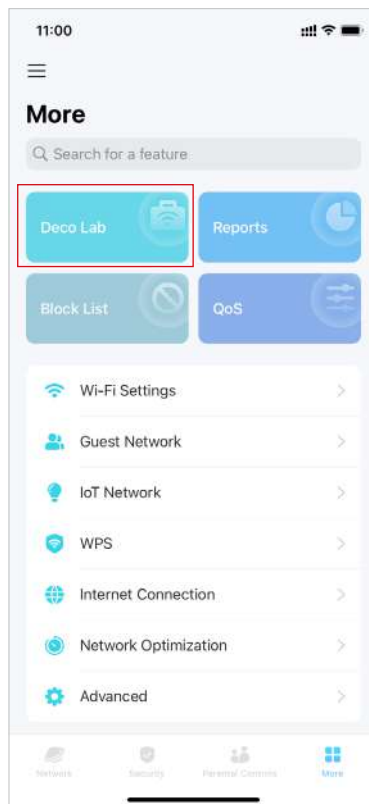
 **Tip:** You can use the search box on the [More](#) page to quickly find the features you need.

# Test Features at the Deco Lab

Deco Lab is a collection of experimental features like Wi-Fi Assistant. We will keep updating the lab to provide you even better experiences. You can test the in-development features at the Deco Lab.

1. Go to [More > Deco Lab](#).

2. Check and test the in-development features.



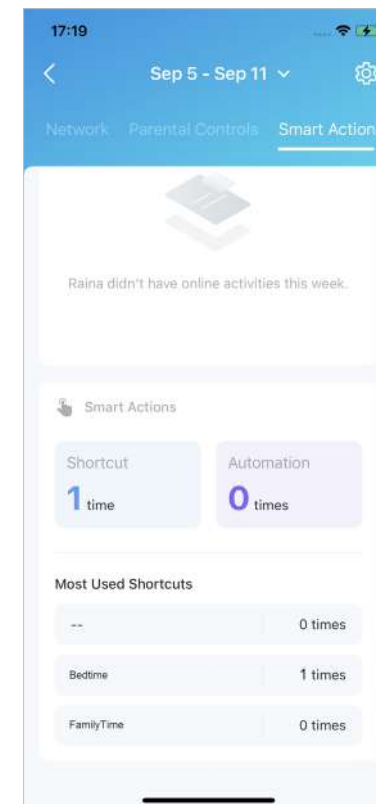
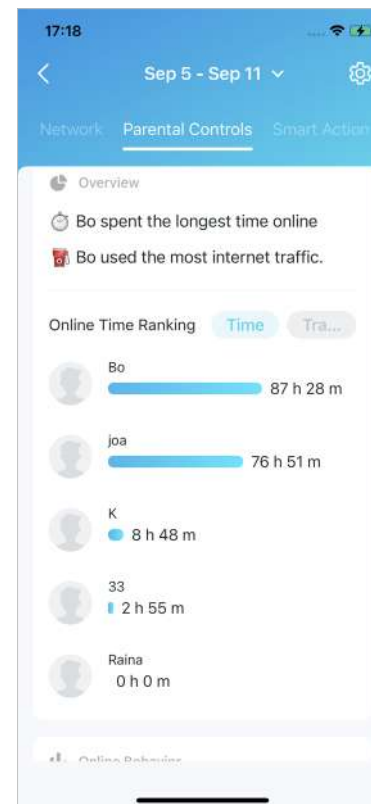
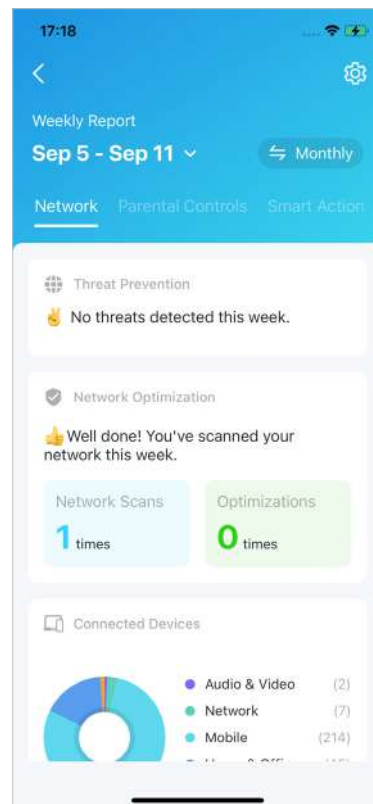
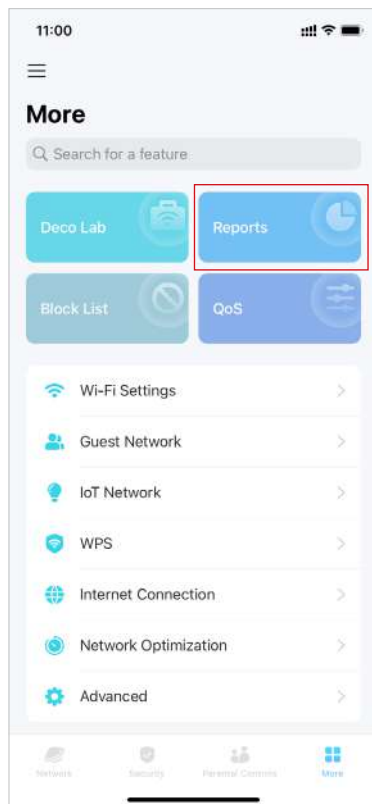
\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

# Check Network Reports

The Deco app provides intuitive charts and detailed statistics to help you know your home network better.

1. Go to [More > Reports](#).

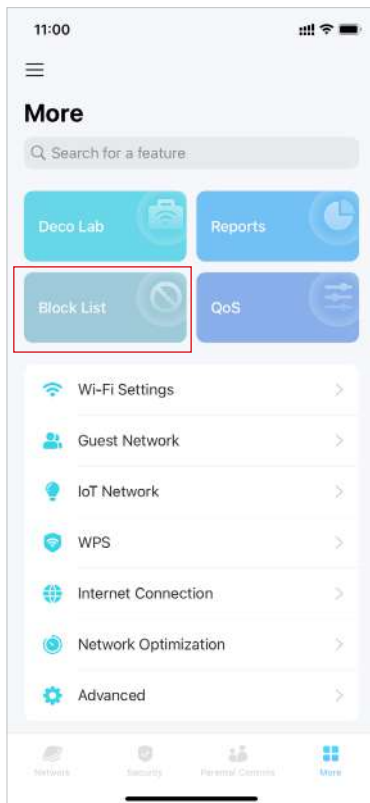
2. Check the weekly and monthly reports of your network.



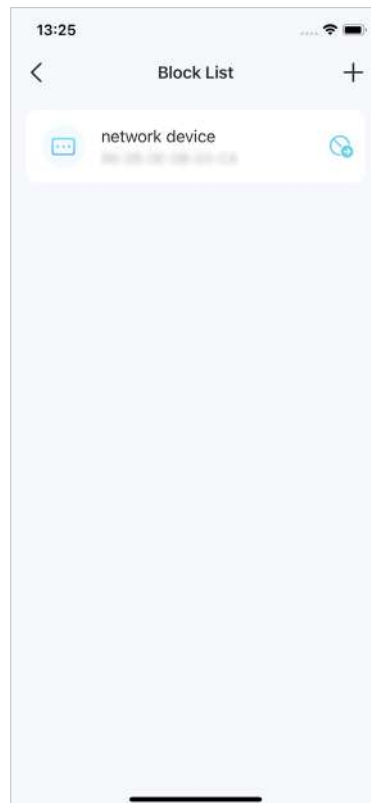
# Block/Unblock Specific Devices

You can block undesired devices to prevent them from accessing your network or unblock specific devices.

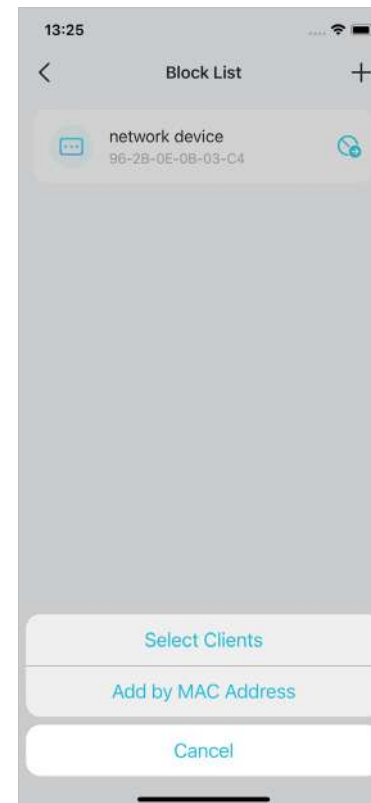
1. Go to [More](#) > [Block List](#).



2. Tap [+](#) and choose a method to block devices.



3. Tap [🔓](#) to unblock a device.

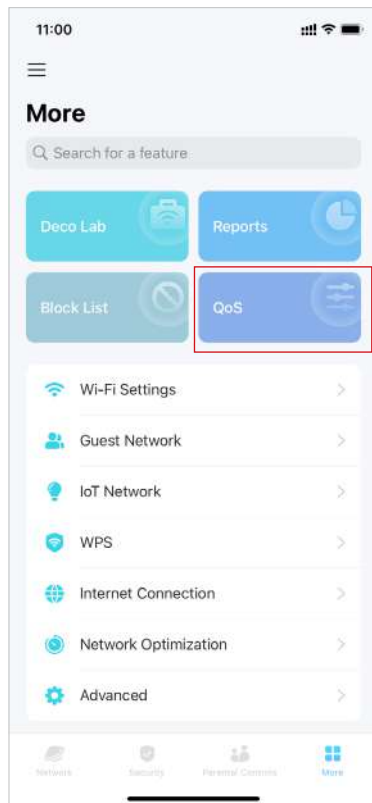


\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

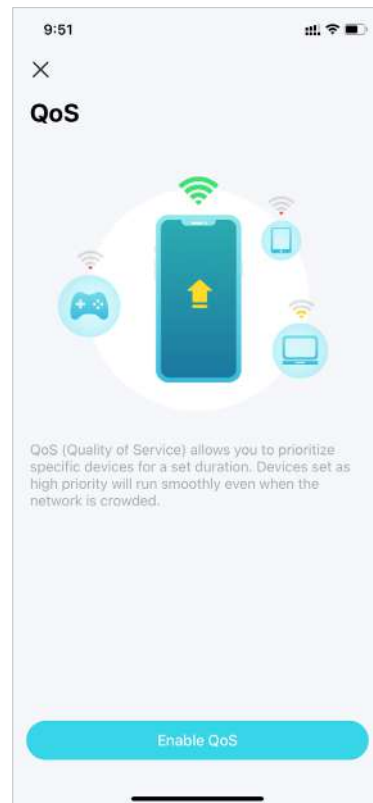
# QoS

QoS (Quality of Service) allows you to prioritize specific devices. Devices set as high priority will run smoothly even when the network is crowded.

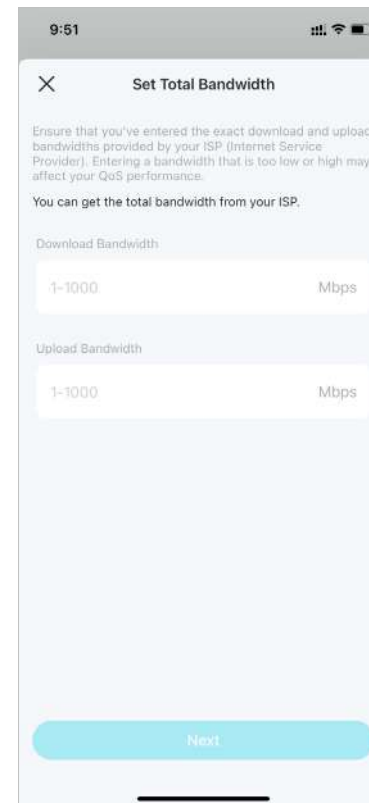
1. Go to [More](#) > [QoS](#).



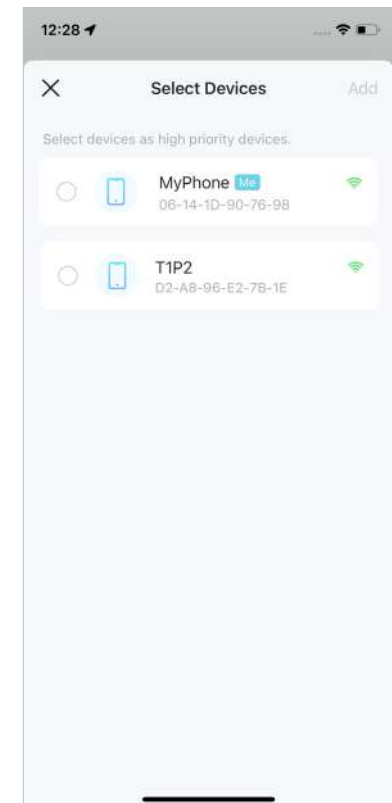
2. Enable [QoS](#).



3. Set the total bandwidth provided by your ISP.



4. Add high priority devices.



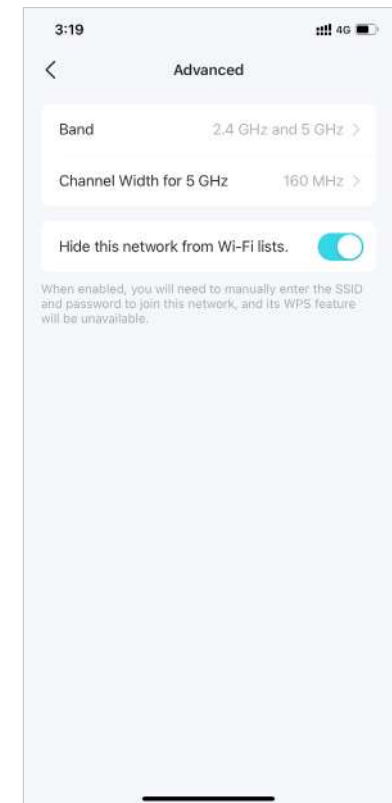
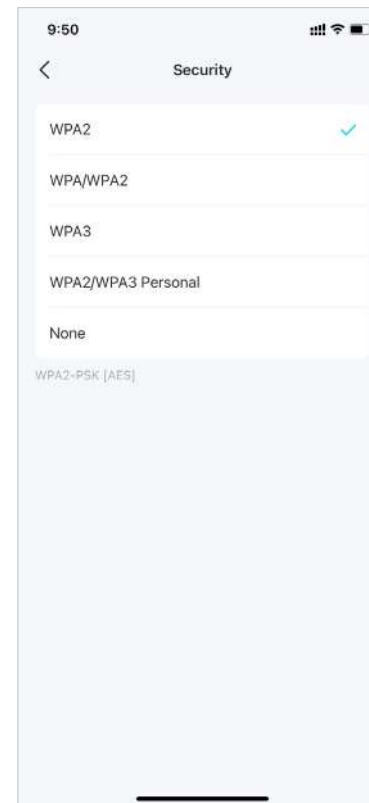
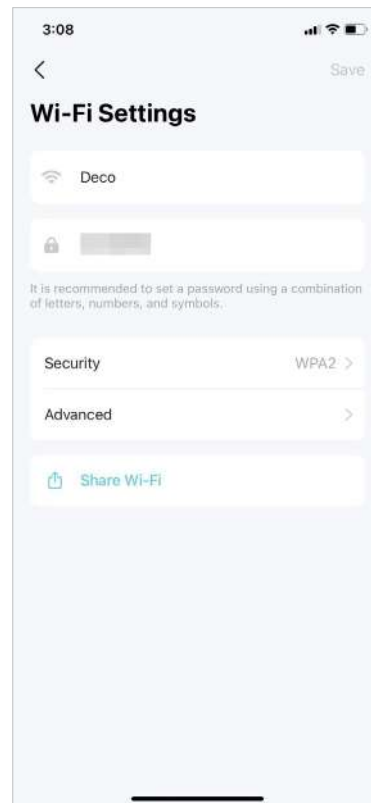
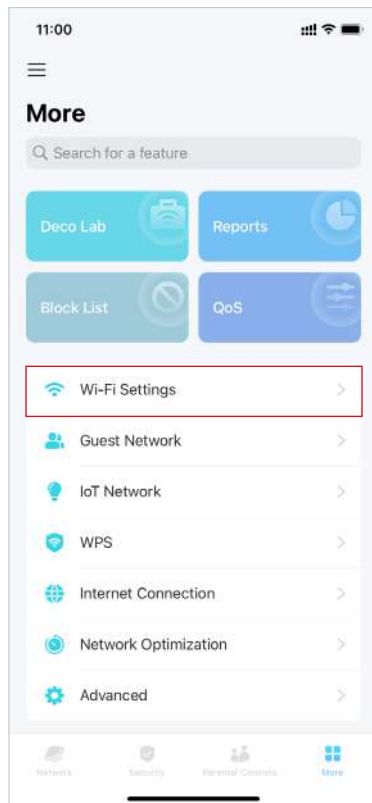
# Change Wi-Fi Settings

You can change the network name and password of your main network at any time and share the network easily with family and friends.

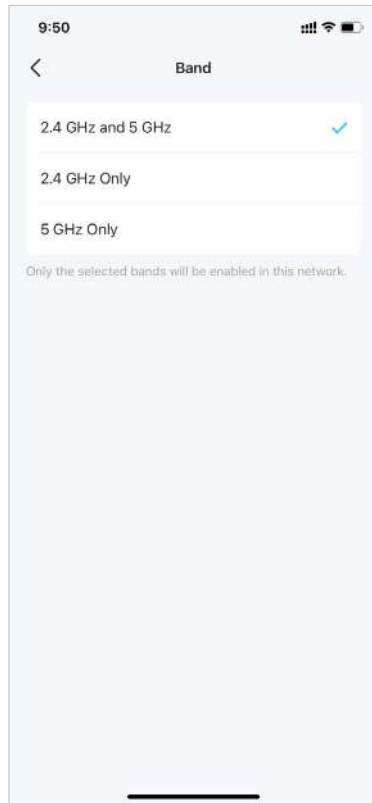
1. Go to [More](#) > [Wi-Fi Settings](#).

2. Change Wi-Fi network name, password and security.

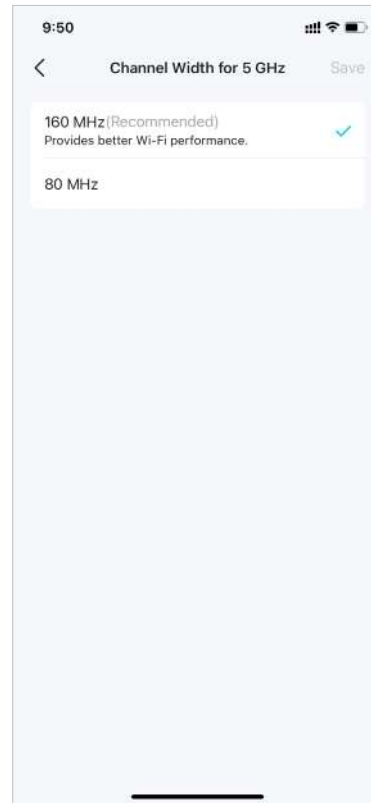
3. Tap [Advanced](#) for advanced Wi-Fi settings.



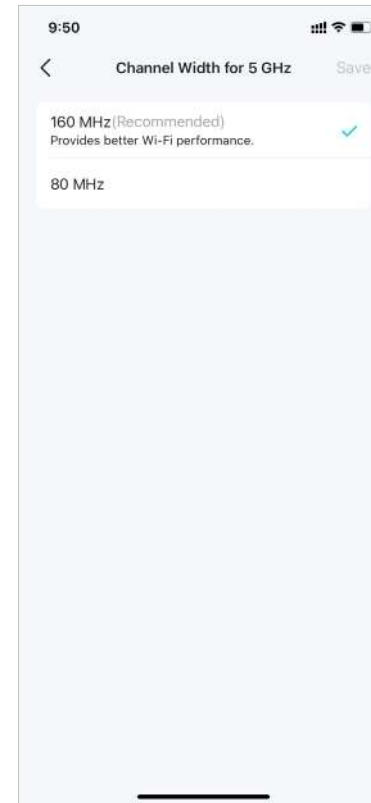
4. Select a preferred band to be enabled in this network.



5. Select a preferred channel width for 5 GHz network.



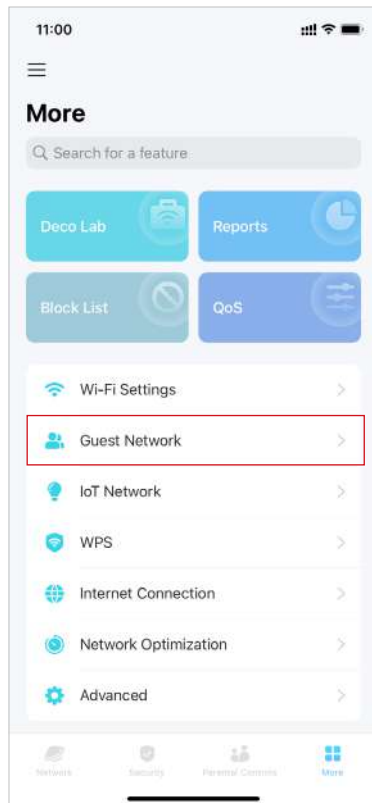
6. Enable to hide this network from Wi-Fi list.



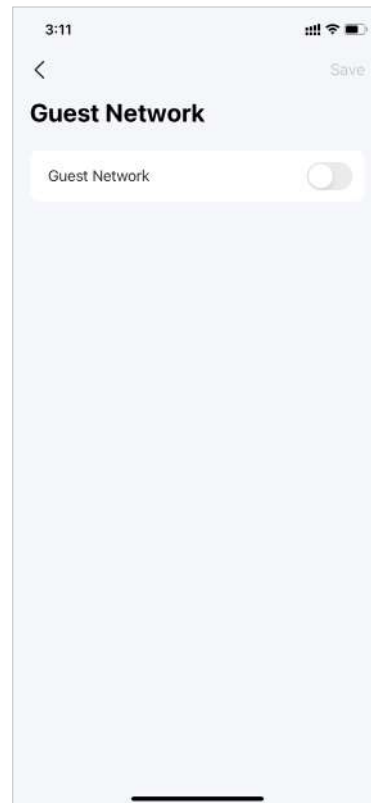
# Create a Guest Network

You can create and share a separate network for guests to guarantee the security and privacy of your main network.

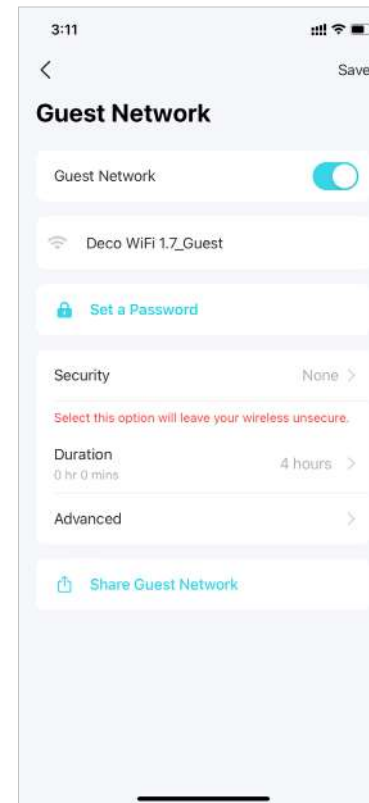
1. Go to [More](#) > [Guest Network](#).



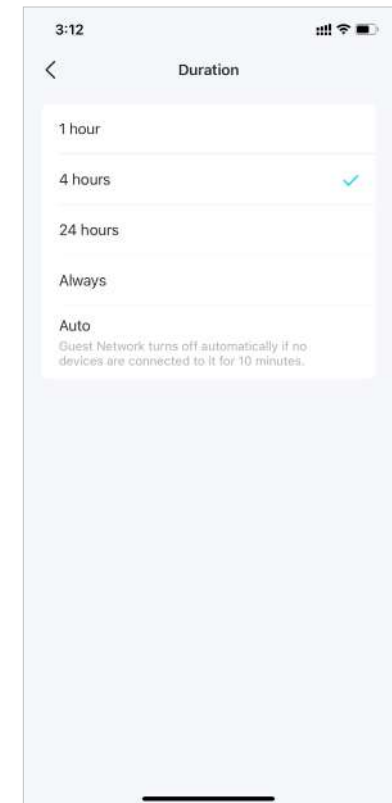
2. Turn on [Guest Network](#).



3. Set a Wi-Fi network name, password and security.



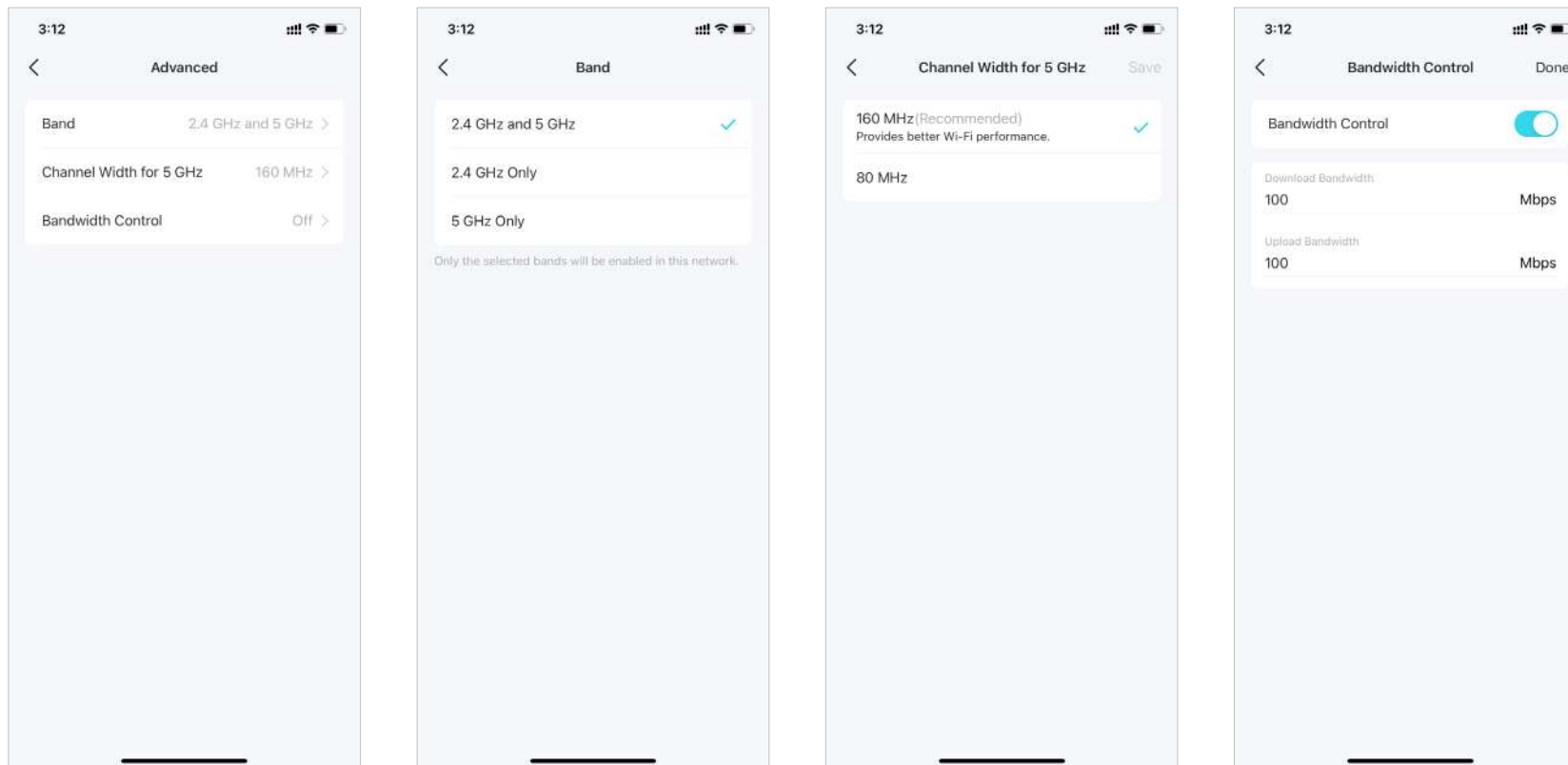
4. Tap [Duration](#) to set how long the Guest Network works before it automatically turns off.



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5. Configure advanced settings.

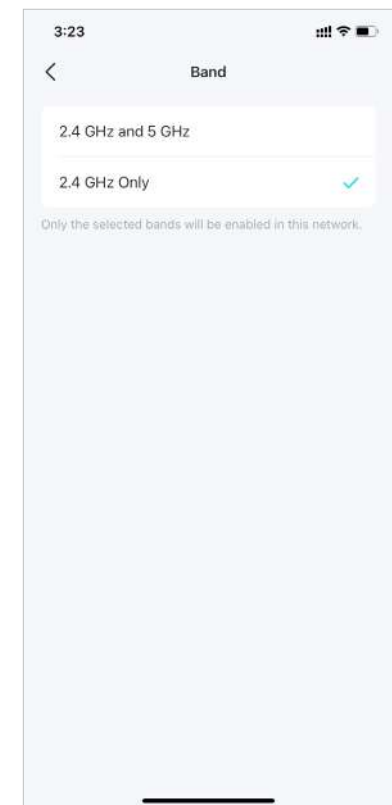
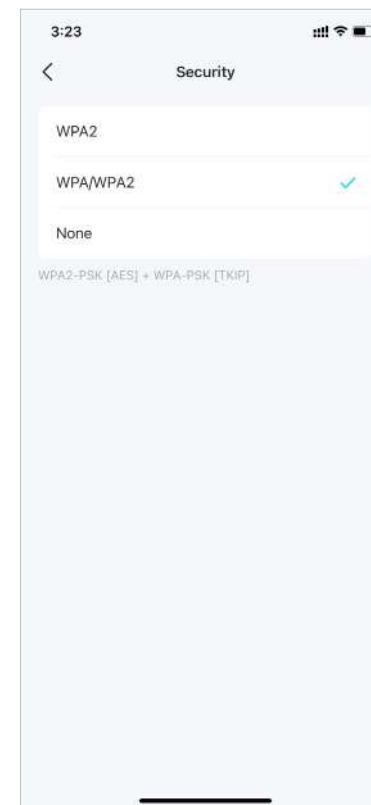
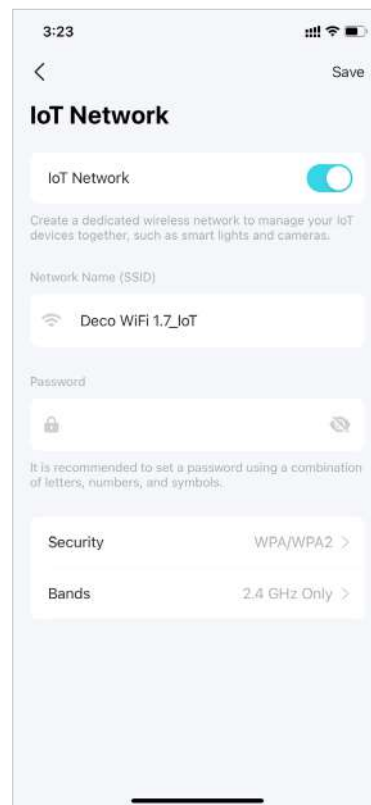
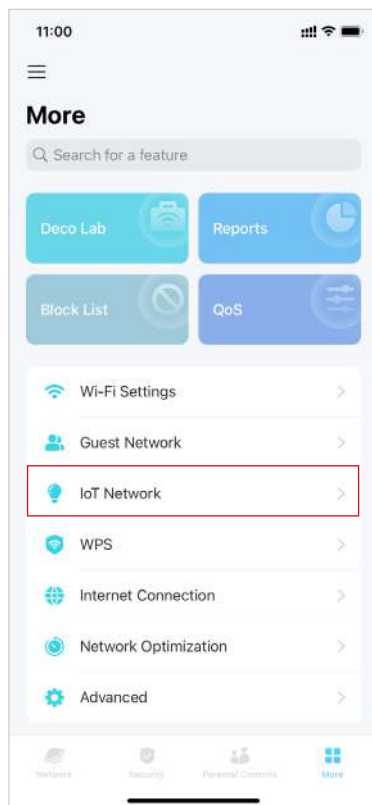
- **Band:** Select a preferred band to be enabled in this network.
- **Channel Width for 5 GHz:** Select a preferred channel width for 5 GHz network. The higher one provides better Wi-Fi performance.
- **Bandwidth Control:** Enable it and set a download and upload bandwidth for your network.



# Create a IoT Network

Create a dedicated and wireless network to manage all your IoT devices, such as smart lights and cameras.

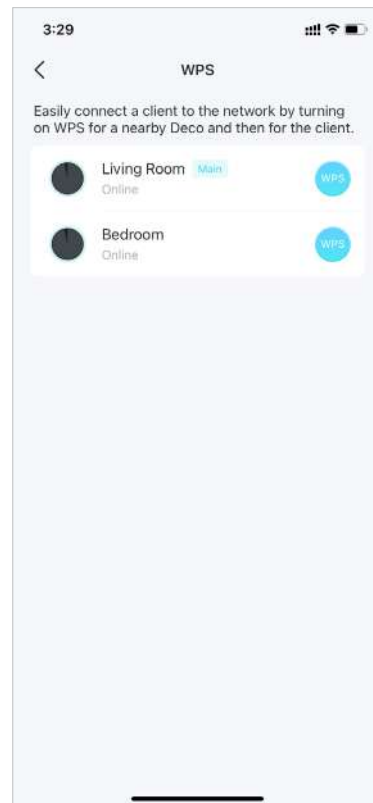
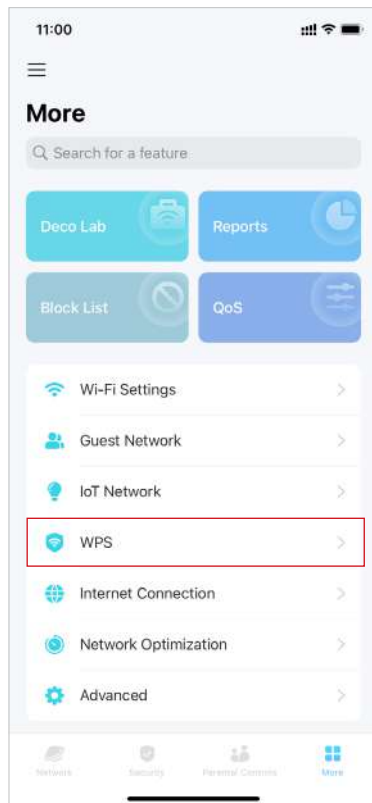
1. Go to [More > IoT Network](#).
2. Turn on [IoT Network](#). Set a Wi-Fi network name and password for this network.
3. Select a preferred security method for this network.
4. Select a preferred band to be enabled in this network.



# WPS

WPS (Wi-Fi Protected Setup) helps you to quickly and securely connect a client to the network with a tap without entering any password.

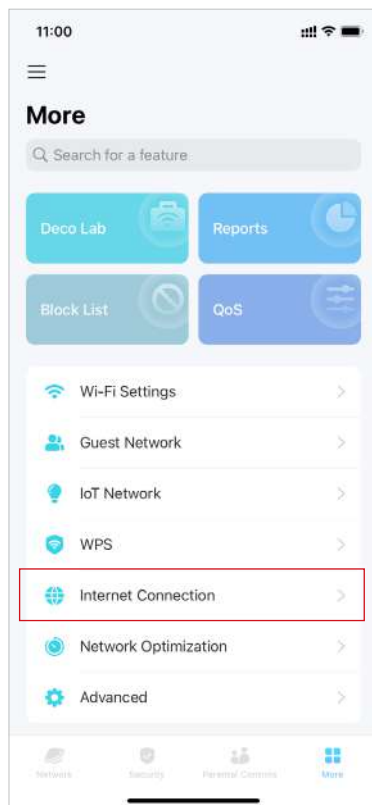
1. Go to [More](#) > [WPS](#).
2. Tap the [WPS](#) icon on Deco app and then on your client.



# Change Internet Settings

You can change internet settings if needed.

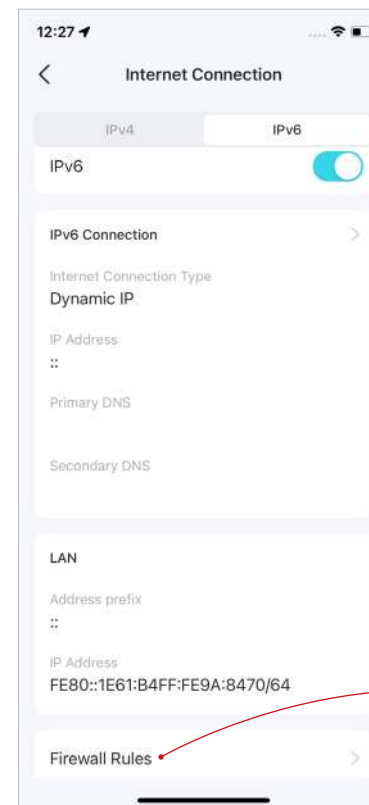
1. Go to **More** > **Internet Connection**.



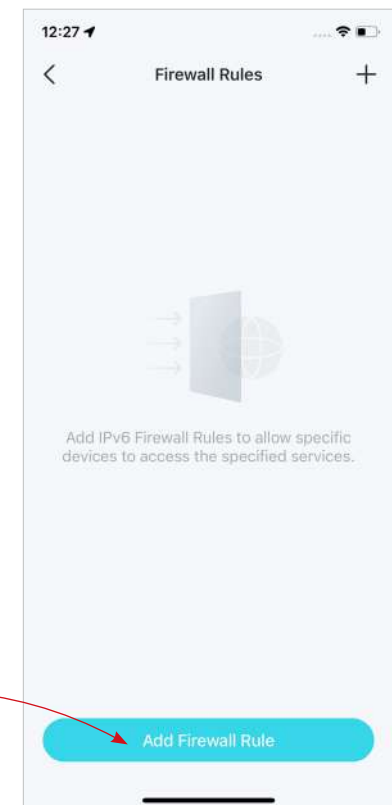
2. Tap **IPv4** for IPv4 settings.



3. Tap **IPv6** for IPv6 settings.



4. Tap **Firewall Rules** to add rules if you want to allow specific devices to access specific services.



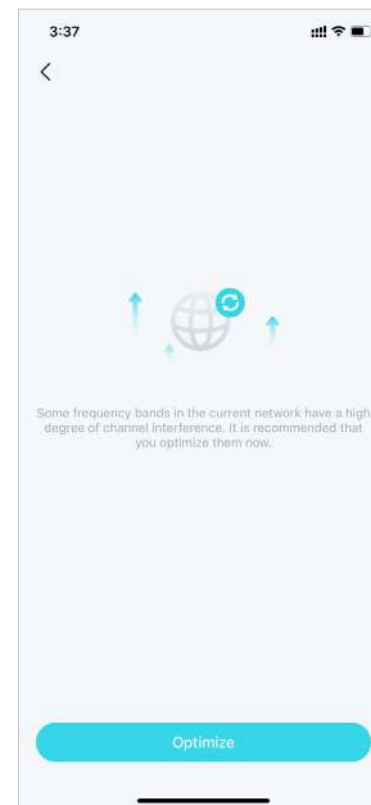
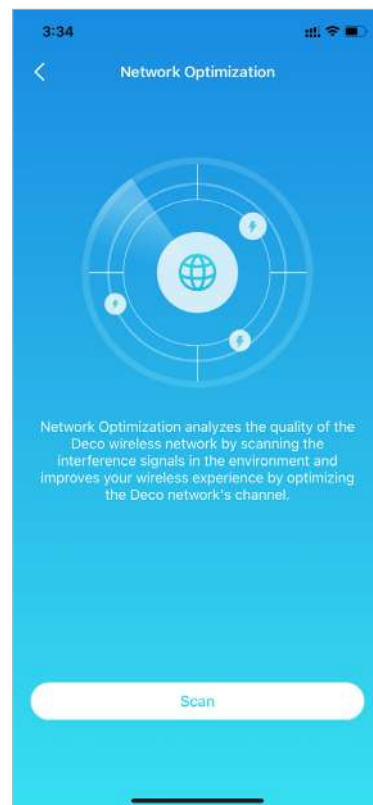
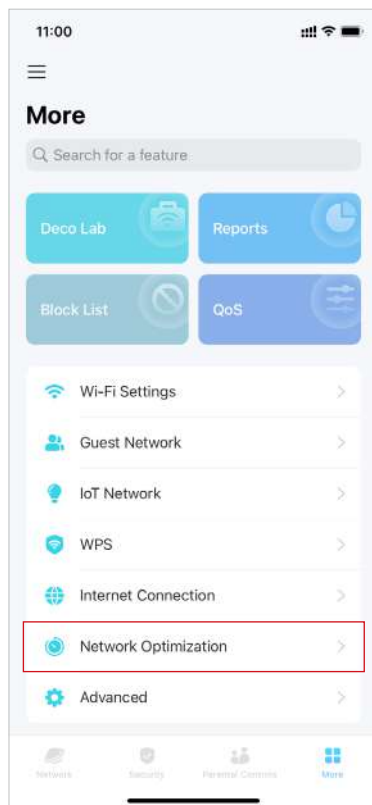
# Network Optimization

Network Optimization analyzes the quality of the Deco wireless network by scanning the interference signals in the environment and improves your wireless experience by optimizing the Deco network's channel.

1. Go to [More > Network Optimization](#).

2. Tap [Scan](#) to detect network security and performance.

3. Optimize the network if needed.

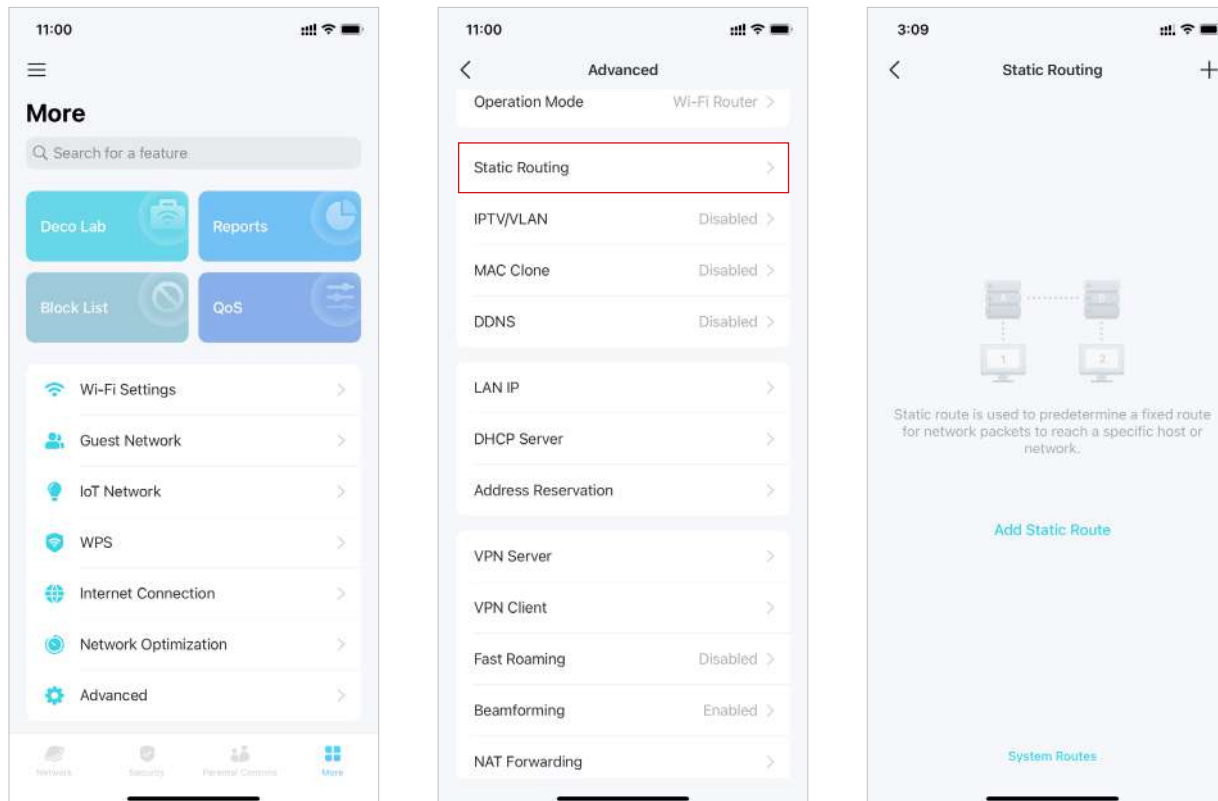


\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

# Create Static Routes

Static routing is a form of routing that is configured manually by a network administrator or a user by adding entries into a routing table. The manually-configured routing information guides the router in forwarding data packets to the specific destination.

1. Go to [More](#) > [Advanced](#) > [Static Routing](#), and tap [Add Static Route](#).



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2. Fill in the necessary information.

- **Description:** Specify a description for the routing entry.
- **Network Destination:** The network destination is the address of the network of host that you want to assign to a static route.
- **Subnet Mask:** The Subnet Mask divides the network portion and the host portion of an IP address.
- **Default Gateway:** This is the IP address of the default gateway device that allowing for the contact between the router and the network or host.
- **Interface:** Select the interface to specify the type of the network destination.

3:09

✕ Add Static Route Save

Description  
Static Route 1

Routing Settings ?

Network Destination

Subnet Mask

Default Gateway

Interface WAN >

3:09

< Interface

WAN ✓

LAN

3. After you save the settings, if the entry you have set appear on the screen, the static routing is set successfully.

3:10

< Static Routing +

Static Route 1 >

Network Destination 172.31.53.0

Subnet Mask 255.255.255.0

Default Gateway 192.168.0.1

Interface WAN

System Routes

\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

# Set Up VPN Server/Client

Use Open VPN, PPTP VPN, or L2TP/IPSec VPN to access your home network, and use VPN Client to access a remote VPN server.

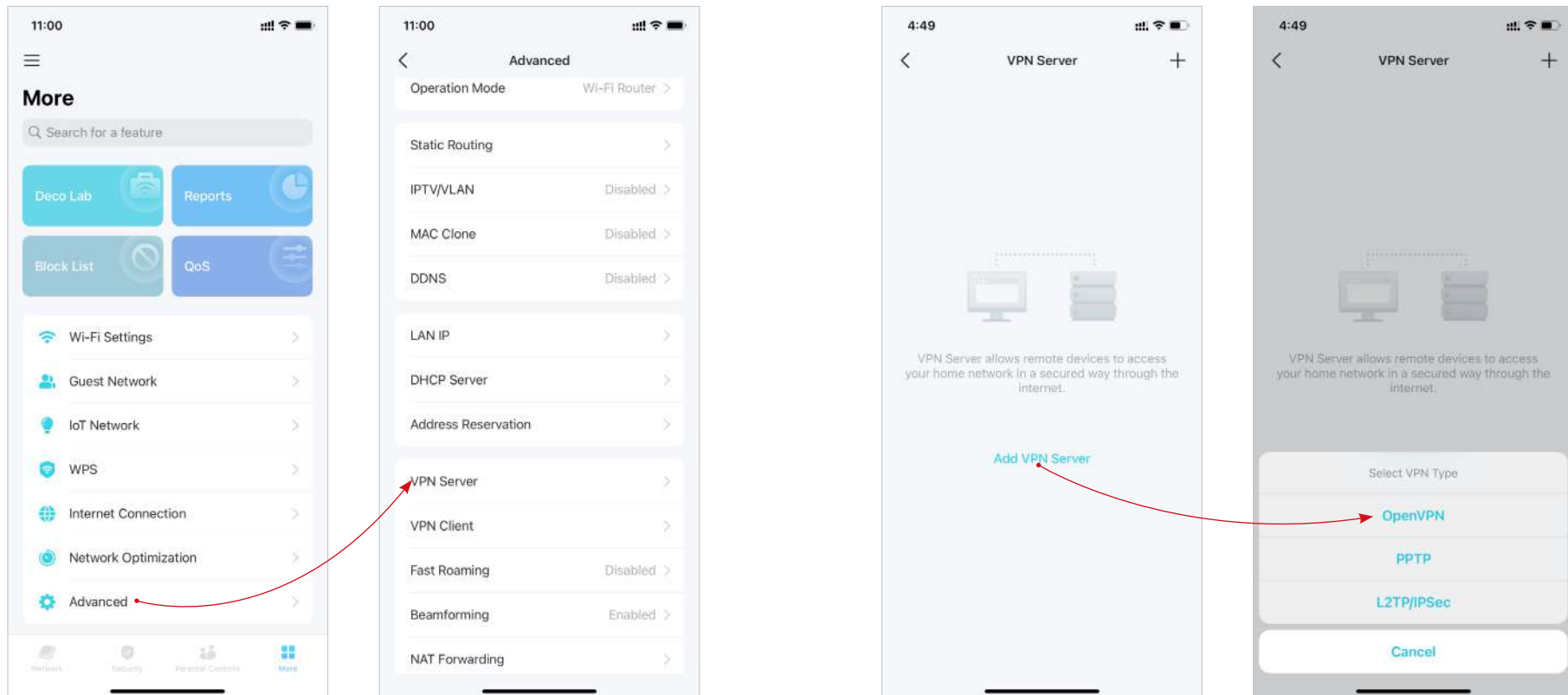
## Use OpenVPN to Access Your Home Network

OpenVPN Server is used to create an OpenVPN connection for remote devices to access your home network.

To use the VPN feature, you need to enable OpenVPN Server on your Deco router, and install and run VPN client software on remote devices. Please follow the steps below to set up an OpenVPN connection.

1. Go to [More](#) > [Advanced](#) > [VPN Server](#).

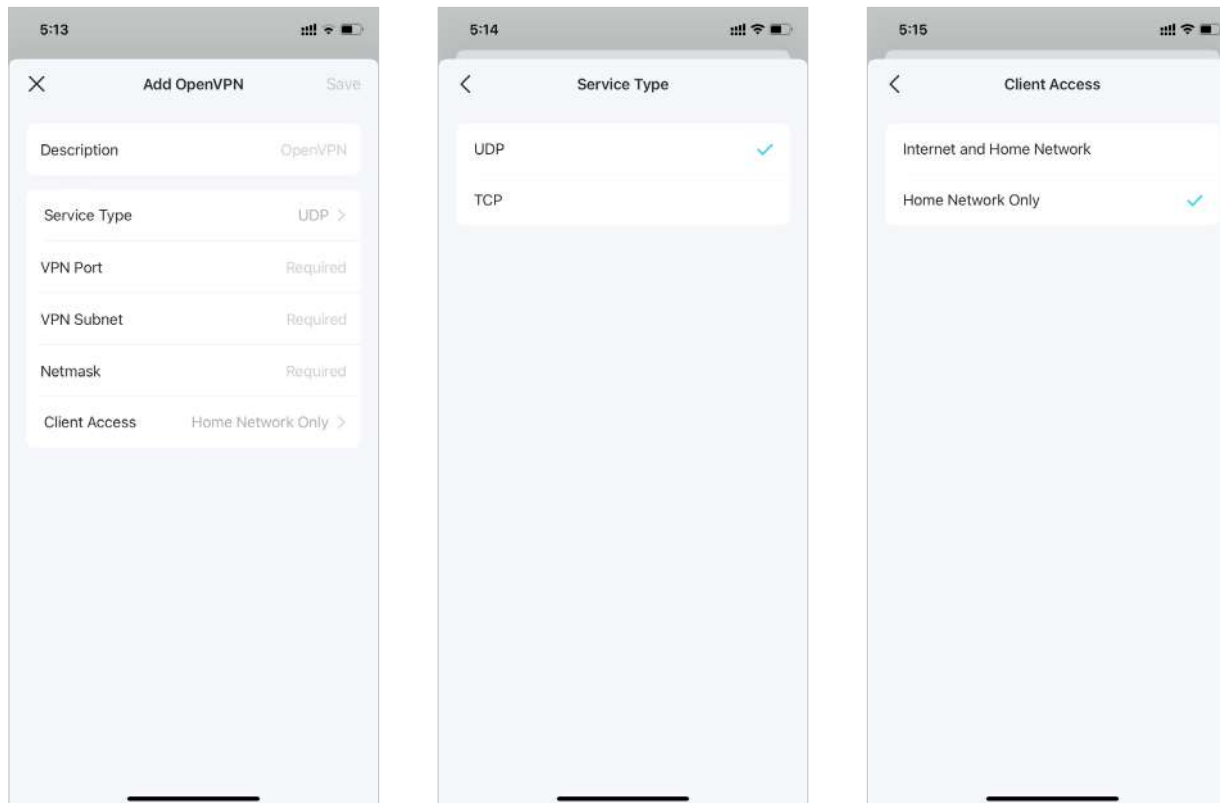
2. Tap [Add VPN Server](#) and select [OpenVPN](#).



\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

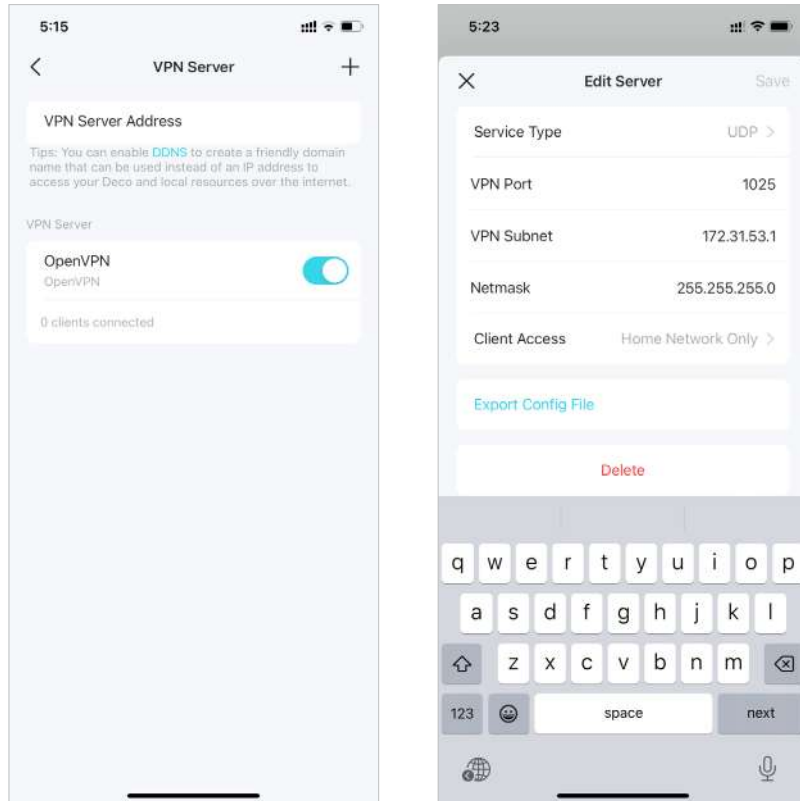
3. Enter the necessary information and save the settings.

- **Description:** Enter a name for this OpenVPN.
- **Service Type:** Select the service type ([UDP/TCP](#)) for OpenVPN.
- **VPN Port:** Enter a VPN service port to which a VPN device connect, and the port number should be between 1024 and 65535.
- **VPN Subnet/Netmask:** Enter the range of IP addresses that can be leased to the device by the OpenVPN server.
- **Client Access:** Select your client access type. Select [Home Network Only](#) if you only want the remote device to access your home network. Select [Internet and Home Network](#) if you also want the remote device to access internet through the VPN server.



\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

4. Tap the VPN you have saved and tap [Export Config File](#) to save the OpenVPN configuration file which will be used by the remote device to access your router.



5. Now you need to configure OpenVPN connection on your remote device.

(1) Visit <https://openvpn.net/community-downloads/> to download the OpenVPN software, and install it on your device where you want to run the OpenVPN client utility.

■ Note: You need to install the OpenVPN client utility on each device that you plan to apply the VPN function to access your Deco router. Mobile devices should download a third-party app from Google Play or Apple App Store.

(2) After the installation, copy the file exported from your router to the OpenVPN client utility's "config" folder (for example, [C:\Program Files\OpenVPN\config](#) on Windows). The path depends on where the OpenVPN client utility is installed.

(3) Run the OpenVPN client utility and connect it to OpenVPN Server.

## Use PPTP VPN to Access Your Home Network

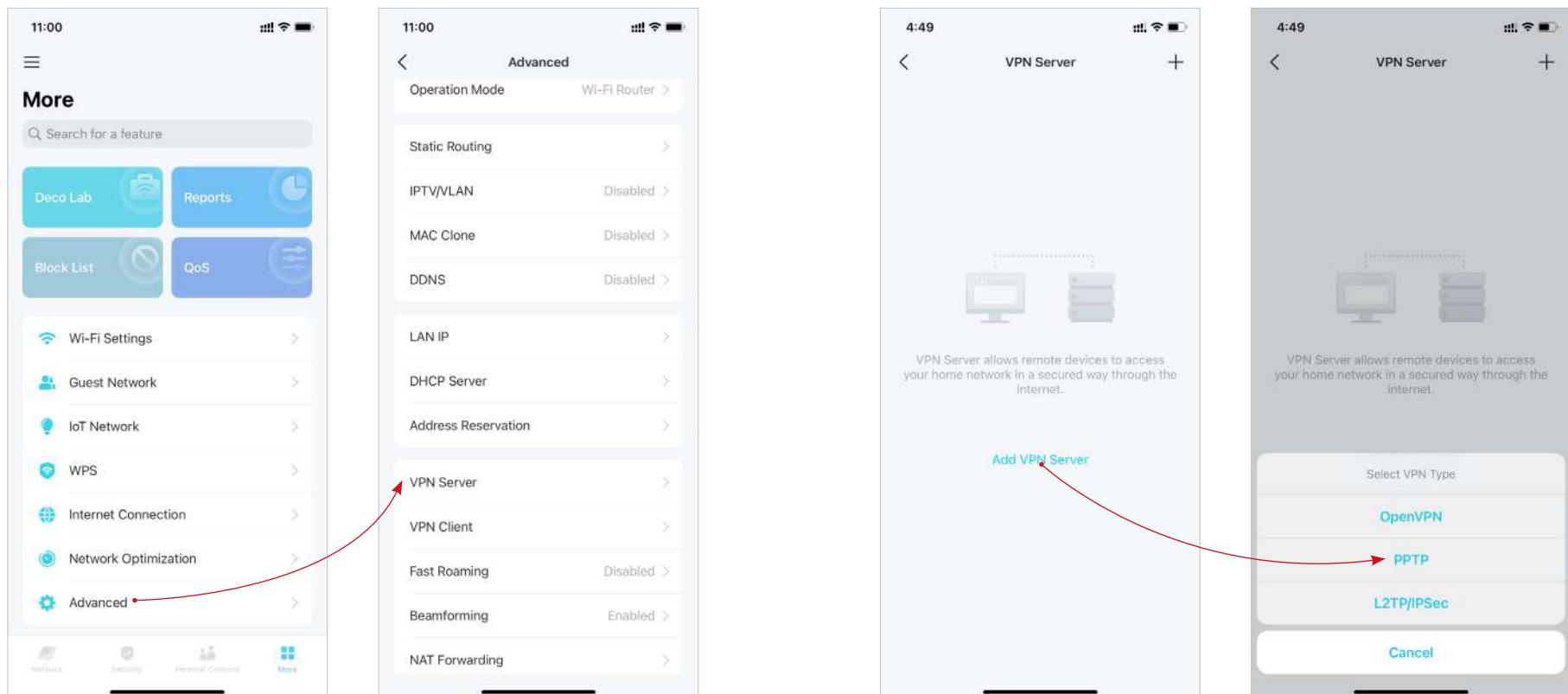
PPTP VPN Server is used to create a PPTP VPN connection for remote devices to access your home network.

To use the VPN feature, you need to set up PPTP VPN Server on your Deco router, and configure the PPTP connection on remote devices.

Please follow the steps below to set up a PPTP VPN connection.

1. Go to [More](#) > [Advanced](#) > [VPN Server](#).

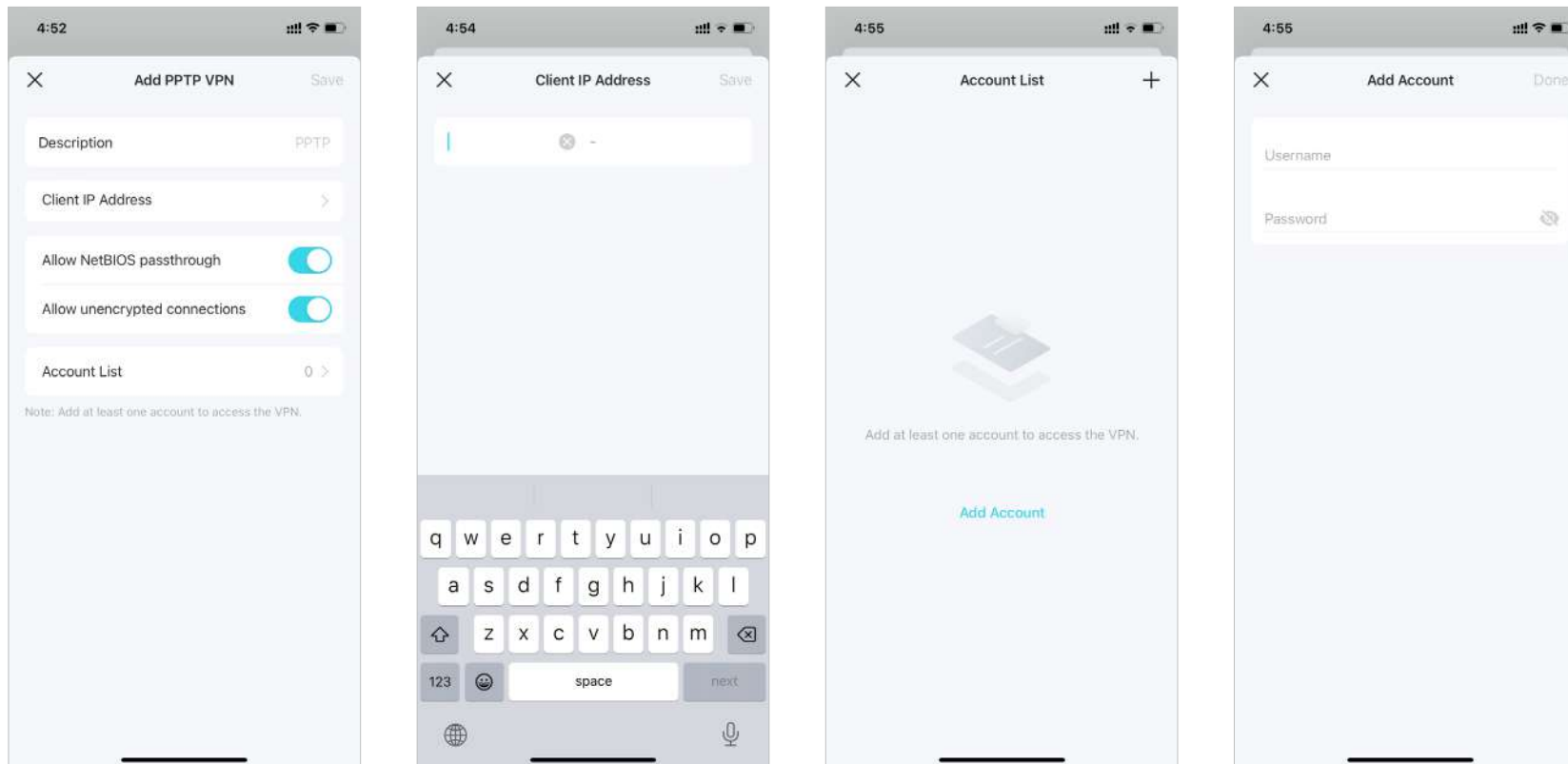
2. Tap [Add VPN Server](#) and select [PPTP](#).



\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

3. Enter the necessary information and save the settings.

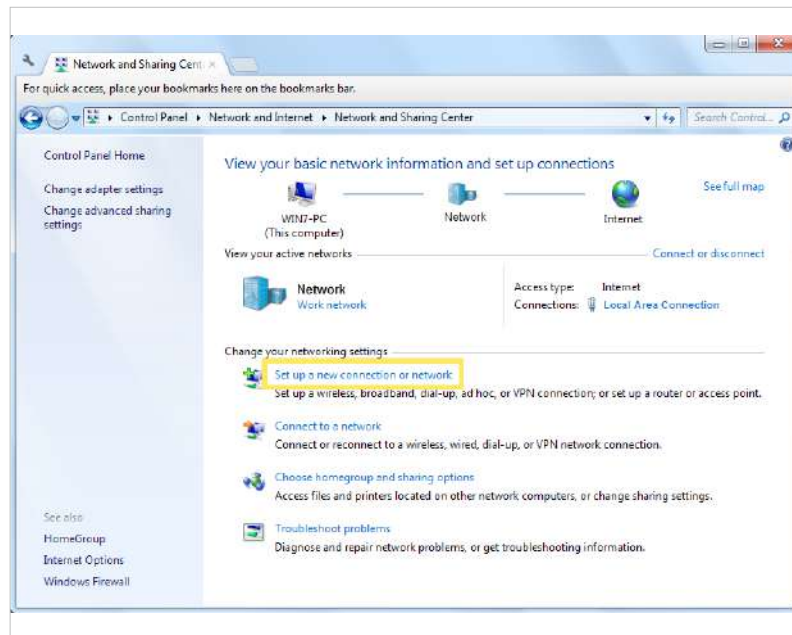
- **Description:** Enter a name for this VPN.
- **Client IP Address:** Enter the range of IP addresses (up to 10) that can be leased to the devices by the PPTP VPN server.
- **Allow NetBIOS passthrough:** Enable it to allow your VPN device to access your Samba server using NetBIOS name.
- **Allow unencrypted connections:** Enable it to allow unencrypted connections to your VPN server.
- **Account List:** Add the PPTP VPN connection account (user name and password) for the remote device. You can create up to 16 accounts.



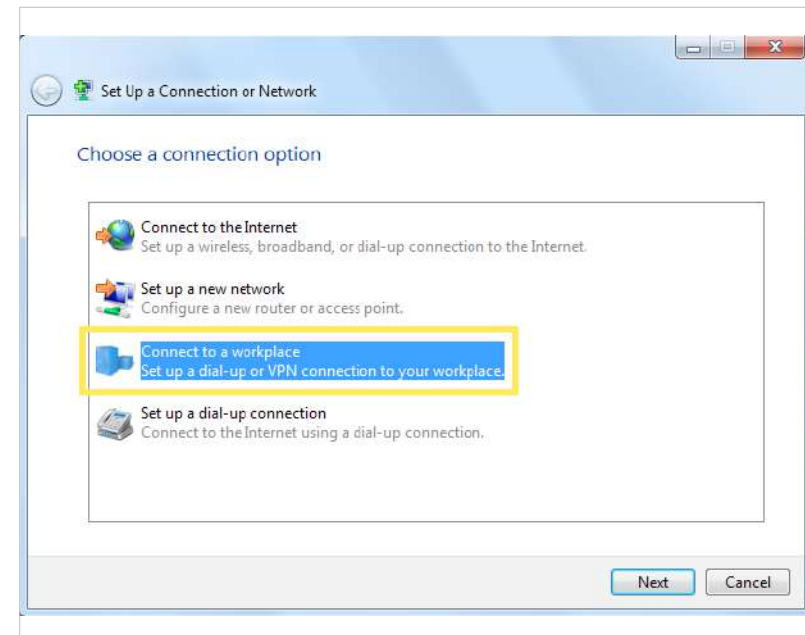
\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

4. Now you need to configure PPTP VPN on your remote device. The remote device can use the Windows built-in PPTP software or a third-party PPTP software to connect to PPTP Server. Here we use the Windows built-in PPTP software as an example.

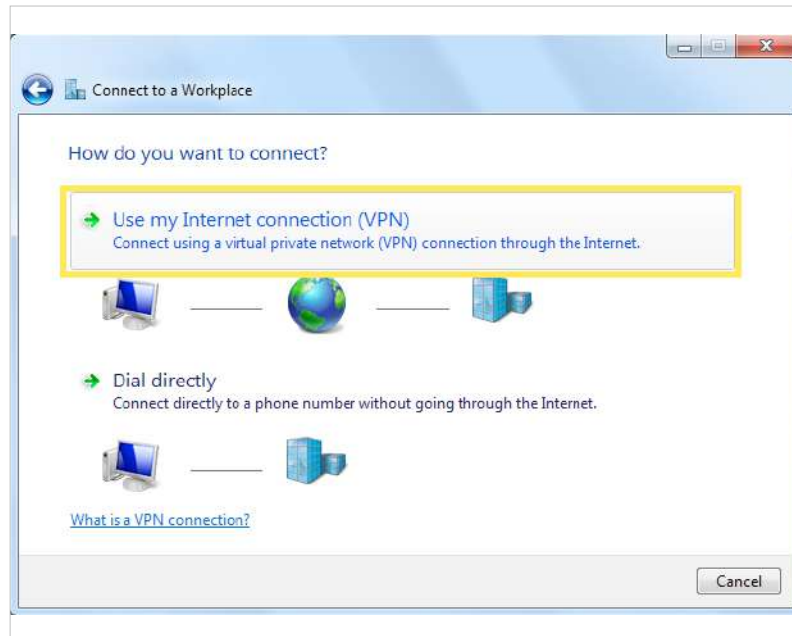
(1) Go to [Start > Control Panel > Network and Internet > Network and Sharing Center](#) and select [Set up a new connection or network](#).



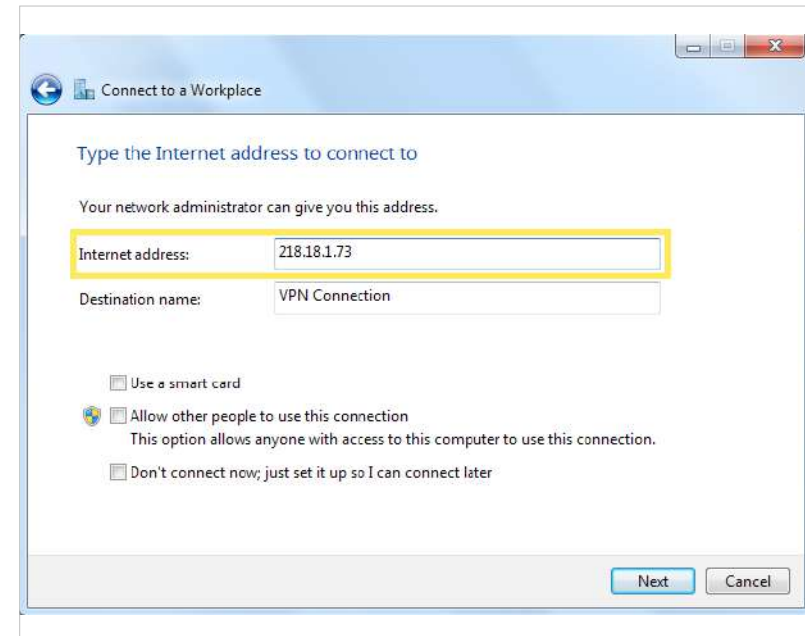
(2) Select [Connect to a workplace](#) and click [Next](#).



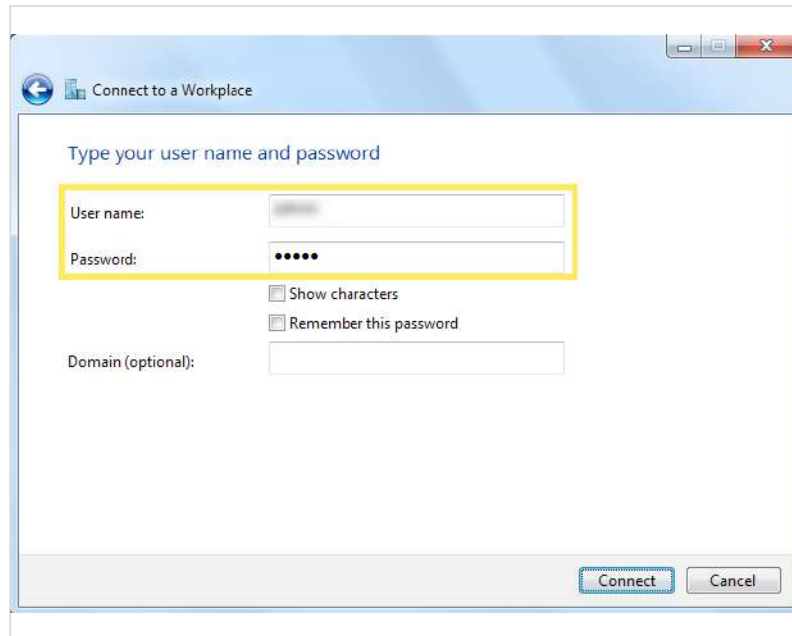
(3) Select [Use my Internet connection \(VPN\)](#).



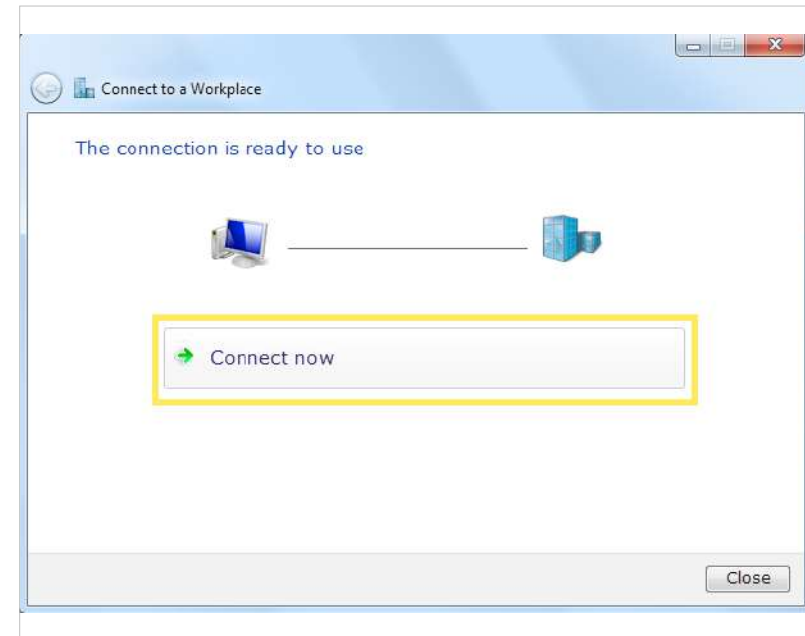
(4) Enter the internet IP address of the router in the [Internet address](#) field. Click [Next](#).



(5) Enter the [User name](#) and [Password](#) you have set for the PPTP VPN server on your router, and click [Connect](#).



(6) Click [Connect Now](#) when the VPN connection is ready to use.



## Use L2TP/IPSec VPN to Access Your Home Network

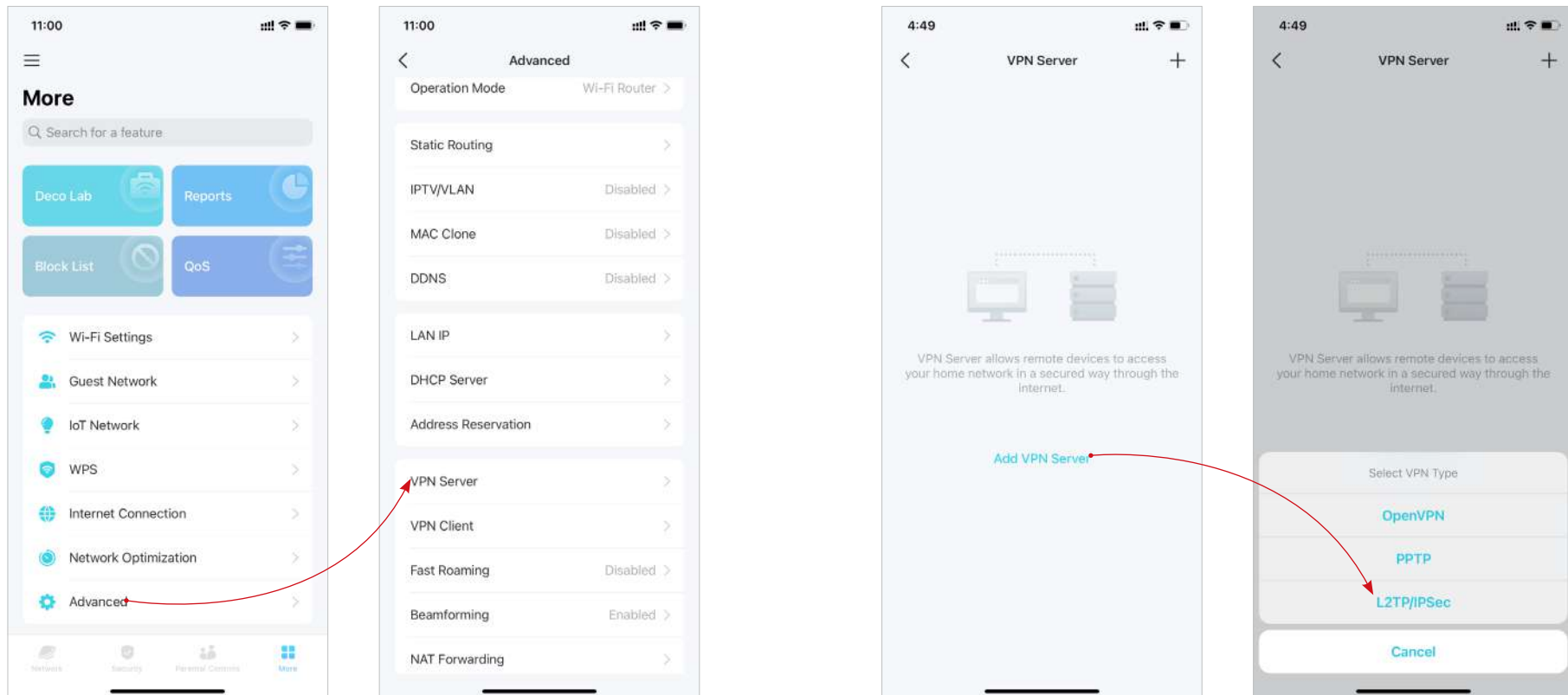
L2TP/IPSec VPN Server is used to create a L2TP/IPSec VPN connection for remote devices to access your home network.

To use the VPN feature, you need to set up L2TP/IPSec VPN Server on your Deco router, and configure the L2TP/IPSec connection on remote devices.

Please follow the steps below to set up the L2TP/IPSec VPN connection.

1. Go to [More](#) > [Advanced](#) > [VPN Server](#).

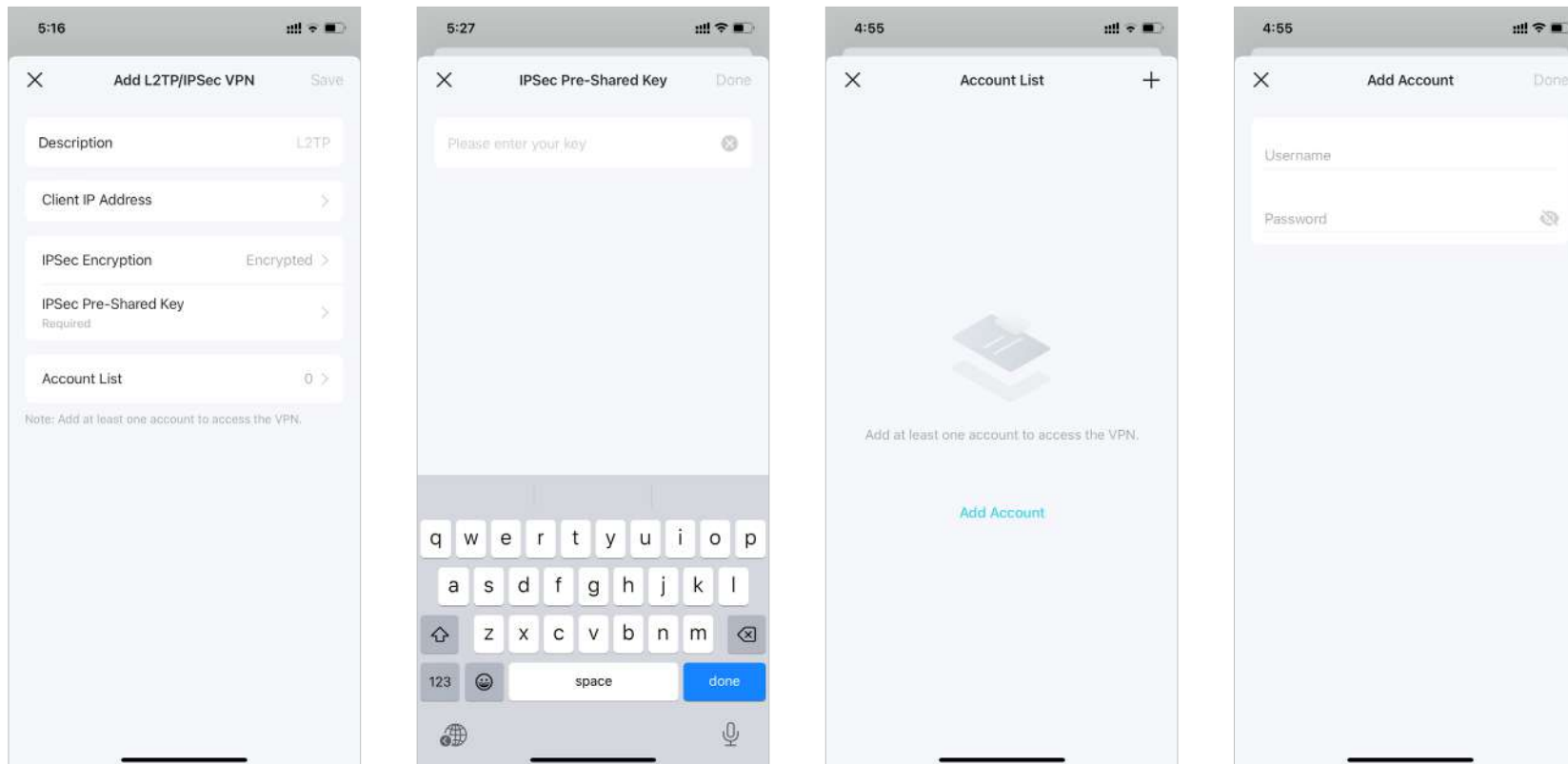
2. Tap [Add VPN Server](#) and select [L2TP/IPSec](#).



\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

3. Enter the necessary information and save the settings.

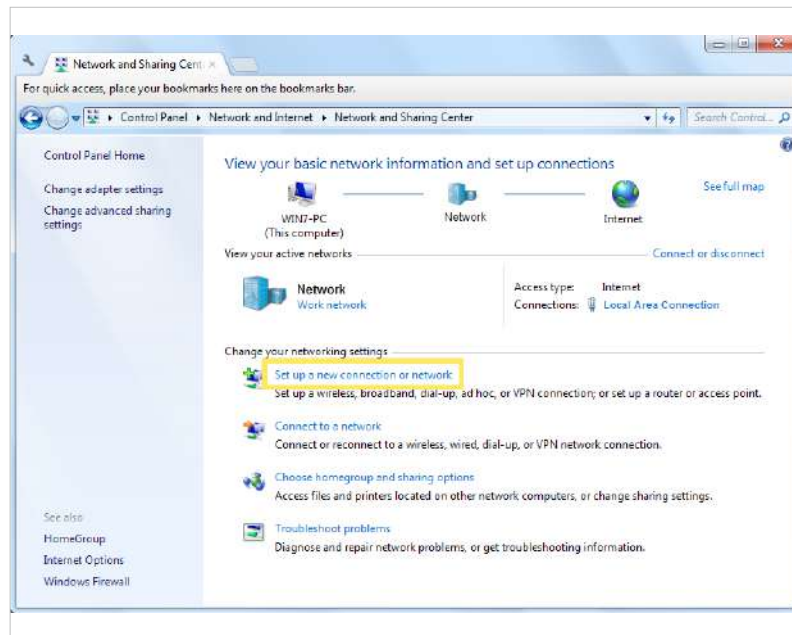
- **Description:** Enter a name for this VPN.
- **Client IP Address:** Enter the range of IP addresses (up to 10) that can be leased to the devices by the L2TP/IPSec VPN server.
- **IPSec Encryption/ IPSec Pre-Shared Key:** Keep IPSec Encryption as Encrypted and create an IPSec Pre-Shared Key.
- **Account List:** Add the L2TP/IPSec VPN connection account (user name and password) for the remote device. You can create up to 16 accounts.



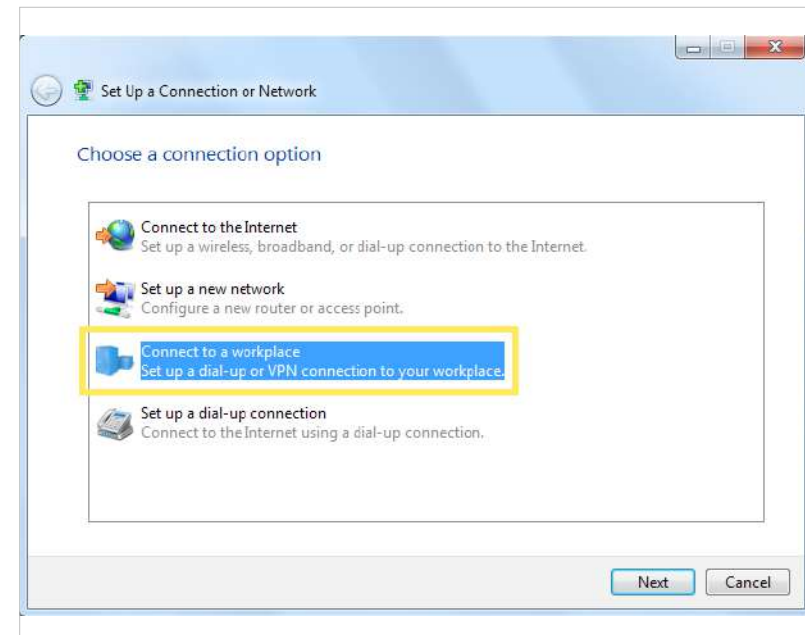
\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

4. Now you need to configure L2TP/IPSec on your remote device. The remote device can use the Windows or Mac OS built-in L2TP/IPSec software or a third-party L2TP/IPSec software to connect to L2TP/IPSec Server. Here we use the Windows built-in L2TP/IPSec software as an example.

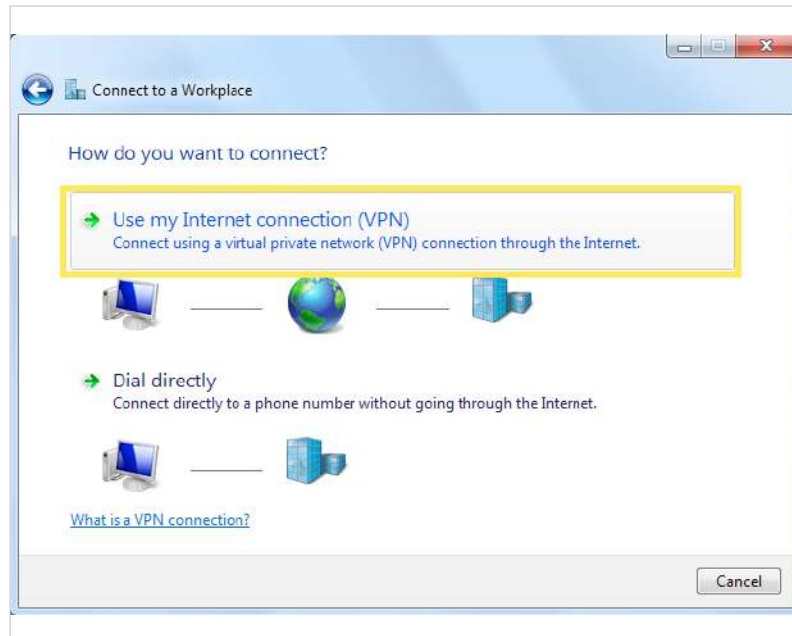
(1) Go to [Start > Control Panel > Network and Internet > Network and Sharing Center](#) and select [Set up a new connection or network](#).



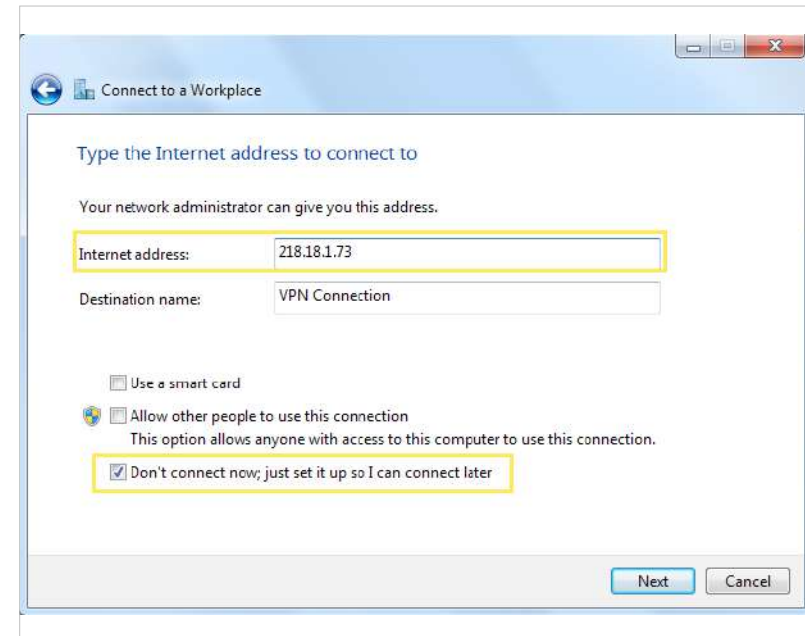
(2) Select [Connect to a workplace](#) and click [Next](#).



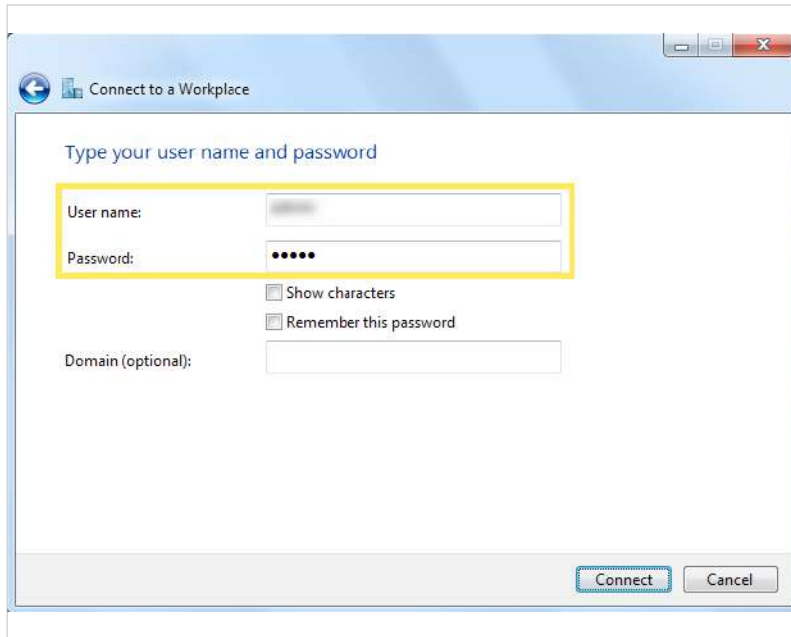
(3) Select **Use my Internet connection (VPN)**.



(4) Enter the internet IP address of the router in the **Internet address** field. Select **Don't connect now; just set it up so I can connect later**. Then click **Next**.

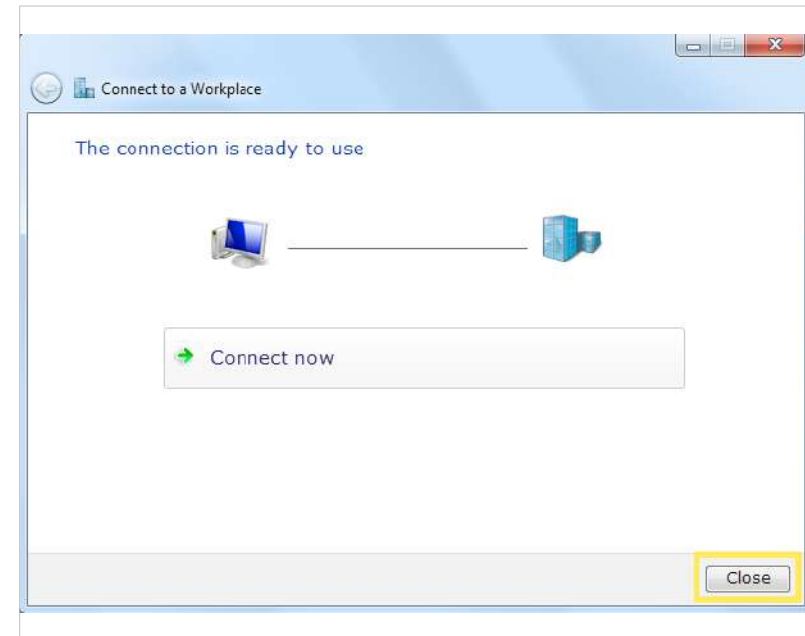


(5) Enter the User name and Password you have set for the L2TP/IPSec VPN server on your router, and click Connect.

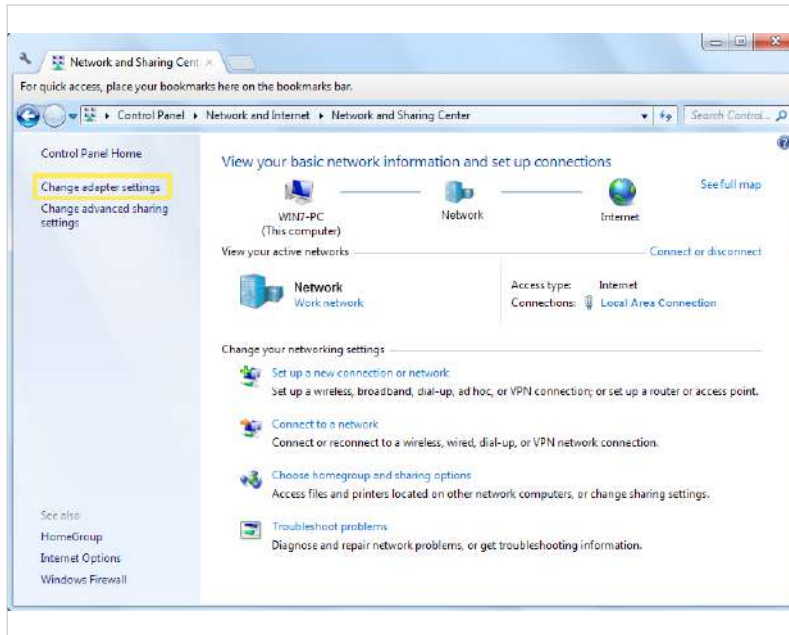


The screenshot shows a Windows-style dialog box titled "Connect to a Workplace". The main instruction is "Type your user name and password". There are three input fields: "User name:" (containing a blurred text), "Password:" (containing six dots), and "Domain (optional):" (empty). Below the password field are two checkboxes: "Show characters" and "Remember this password", both of which are unchecked. At the bottom right, there are two buttons: "Connect" and "Cancel". A yellow rectangular box highlights the "User name:" and "Password:" fields.

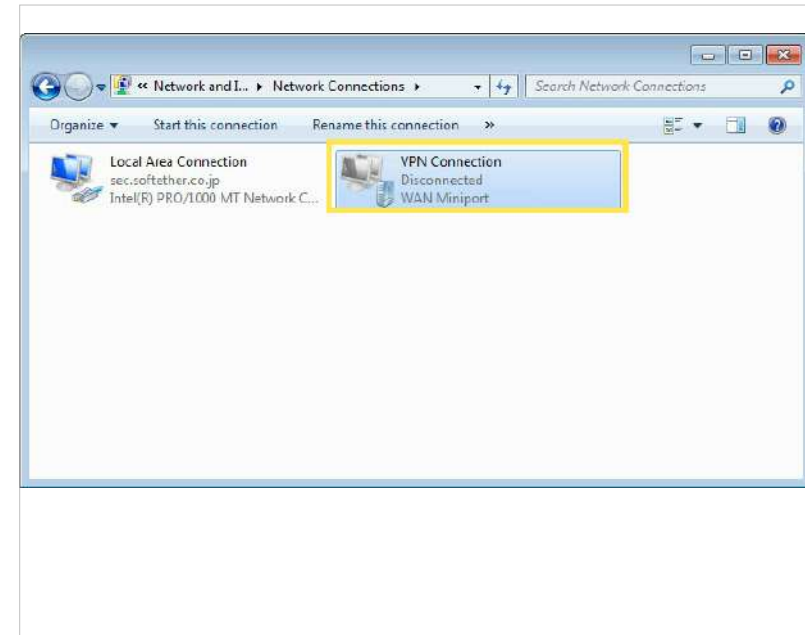
(6) Click Close when the VPN connection is ready to use.



(7) Go to Network and Sharing Center and click Change Adapter Settings.



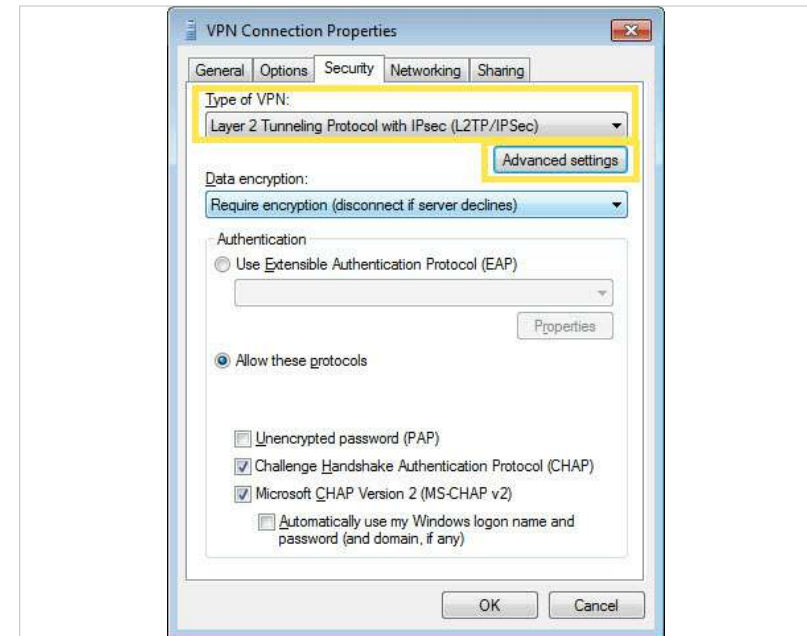
(8) Find the VPN connection you created, then double-click it.



(9) Enter the Username and Password you have set for the L2TP/IPSec VPN server on your router, and click Properties.



(10) Switch to the Security tab, select Layer 2 Tunneling Protocol with IPsec (L2TP/IPSec) and click Advanced settings.



(11) Select Use preshared key for authentication and enter the IPsec Pre-Shared Key you have set for the L2TP/IPsec VPN server on your router. Then click OK.



(12) Switch to the Security tab, select Layer 2 Tunneling Protocol with IPsec (L2TP/IPsec) and click Advanced settings.



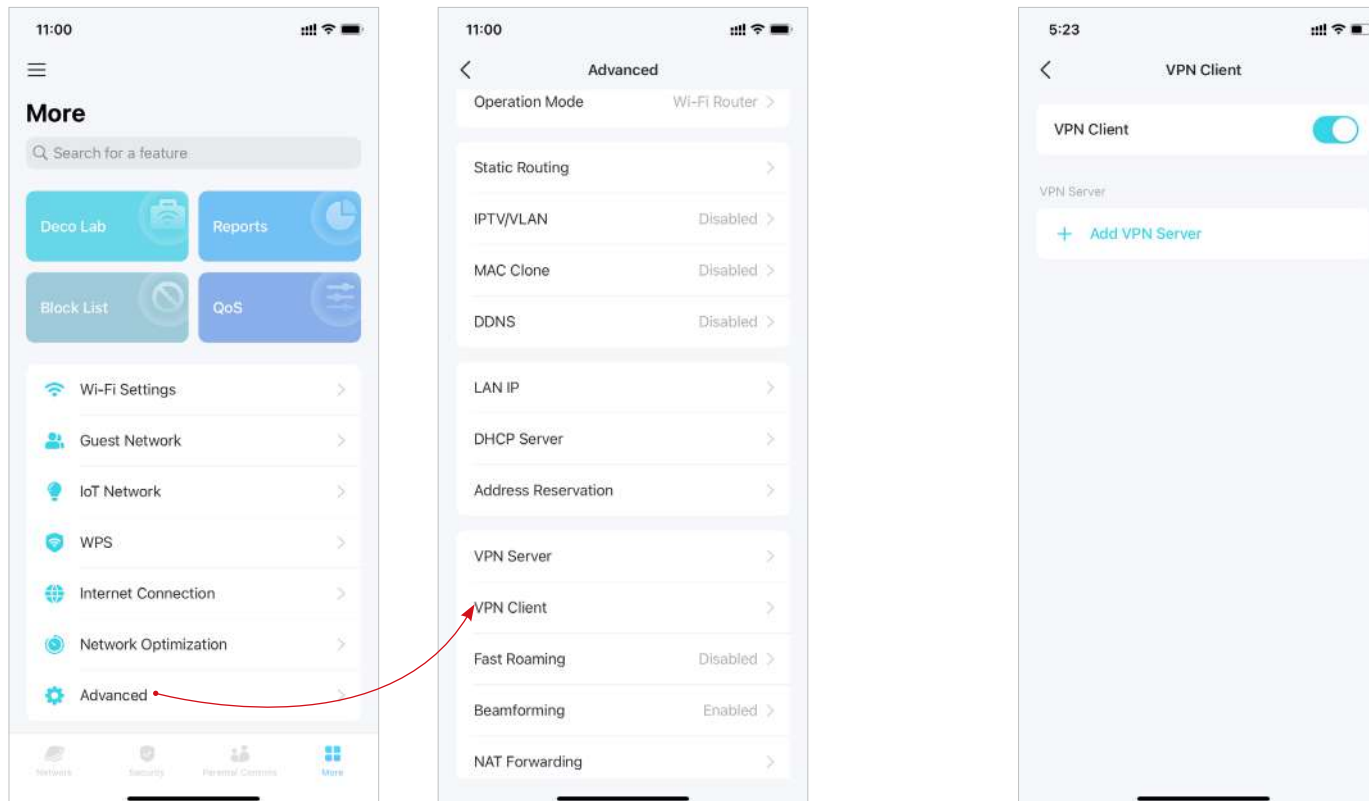
Done! Click [Connect](#) to start VPN connection.

## Use VPN Client to Access a Remote VPN Server

VPN Client is used to create VPN connections for devices in your home network to access a remote VPN server.

To use the VPN feature, simply configure a VPN connection and choose your desired devices on your Deco router, then these devices can access the remote VPN server. Please follow the steps below:

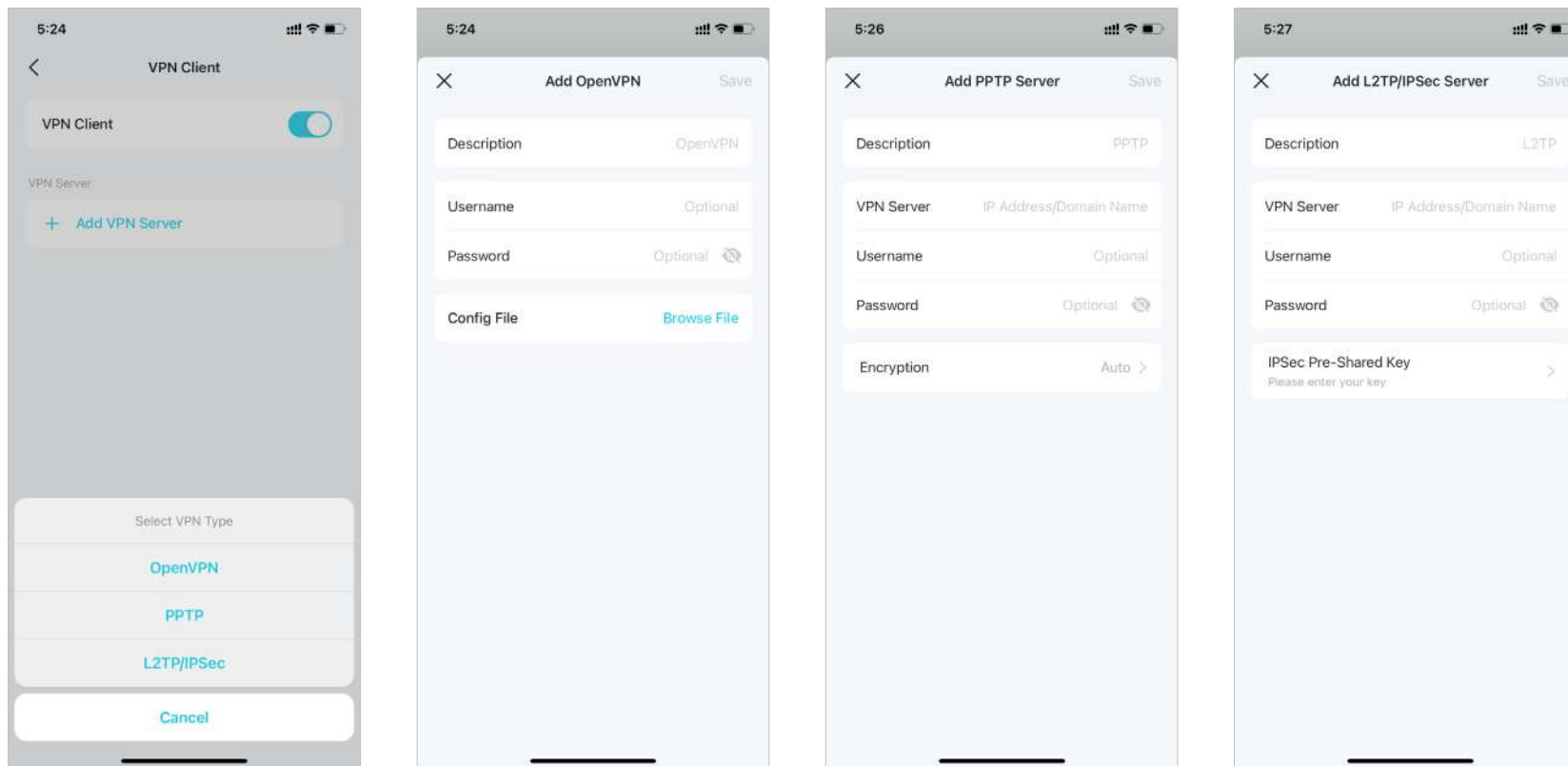
1. Go to [More](#) > [Advanced](#) > [VPN Client](#).
2. Enable [VPN Client](#) and tap [Add VPN Server](#).



\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

3. Select a VPN Type and enter the VPN information provided by your VPN provider and save the settings.

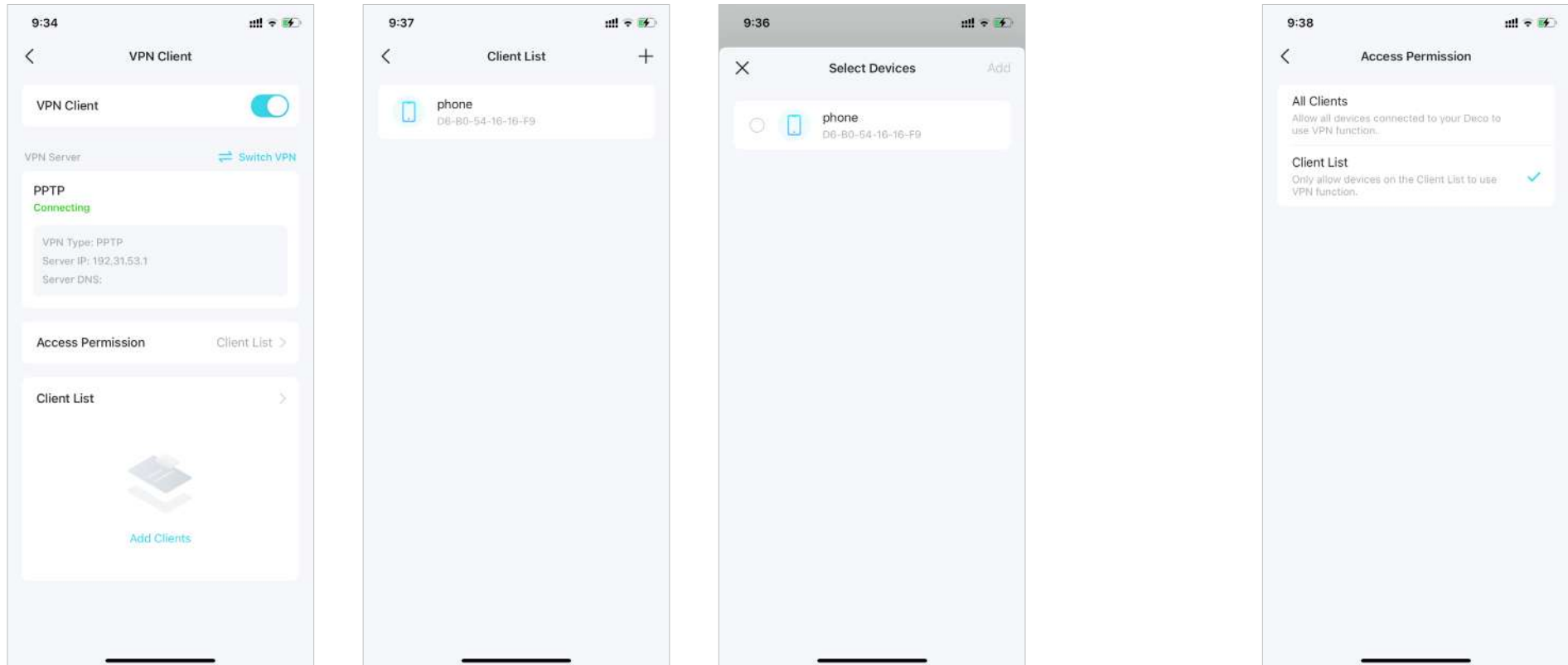
- **OpenVPN:** Enter the VPN username and password if required by your VPN provider, otherwise simply leave them empty. Then import the configuration file provided by your VPN provider.
- **PPTP:** Enter the VPN server address and the VPN username and password provided by your VPN provider.
- **L2TP/IPSec:** Enter the VPN server address, VPN username and password, and IPSec pre-shared key provided by your VPN provider.



\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

4. Tap **Client List** and **+** to add devices that will use the VPN function

5. Tap **Access Permission** to allow all devices connected to your Deco to use the VPN function or only allow devices on the Client List to use VPN function.

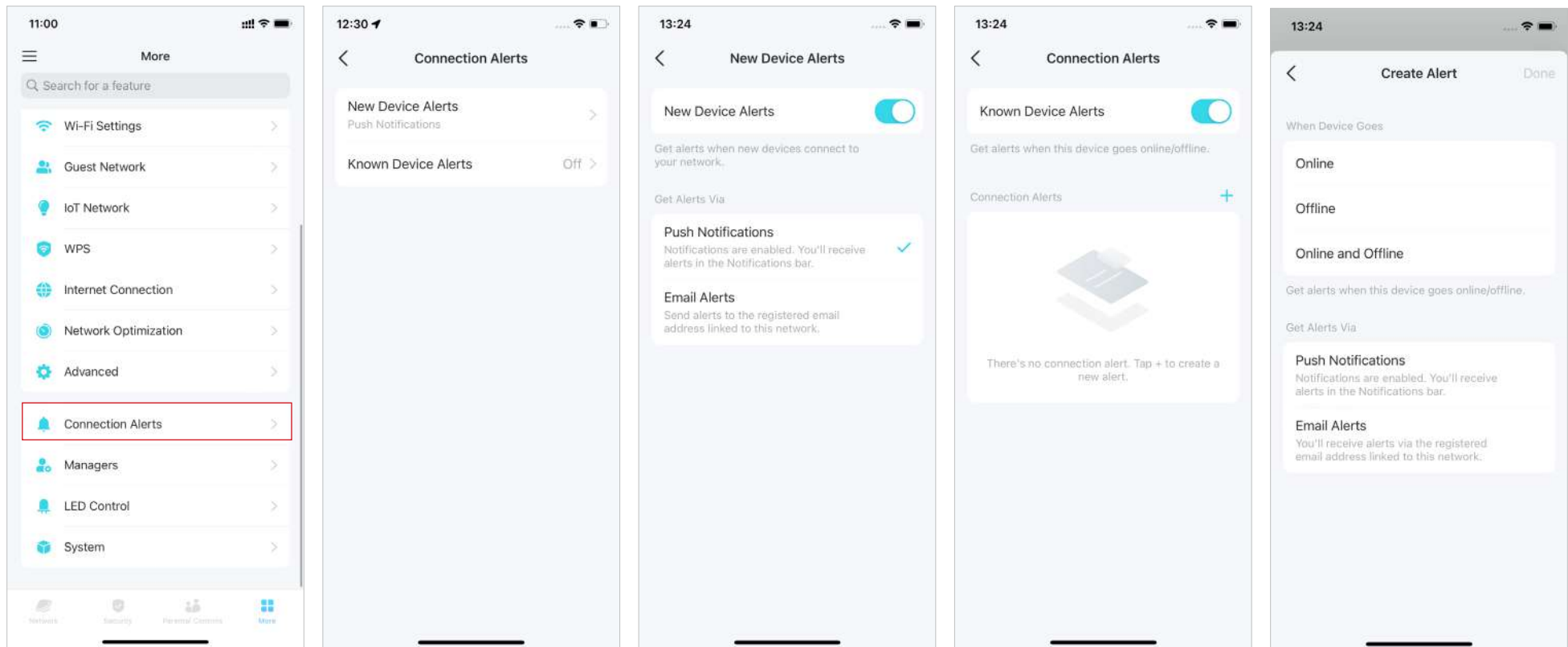


Done! Now the devices you specified can access the VPN server you enabled.

# Configure Connection Alerts

You can configure Connection Alerts so you can get alerts when new devices connect to your network or when the devices you care about go online or offline.

Go to [More > Connection Alerts](#) to enable notifications of new or known clients.

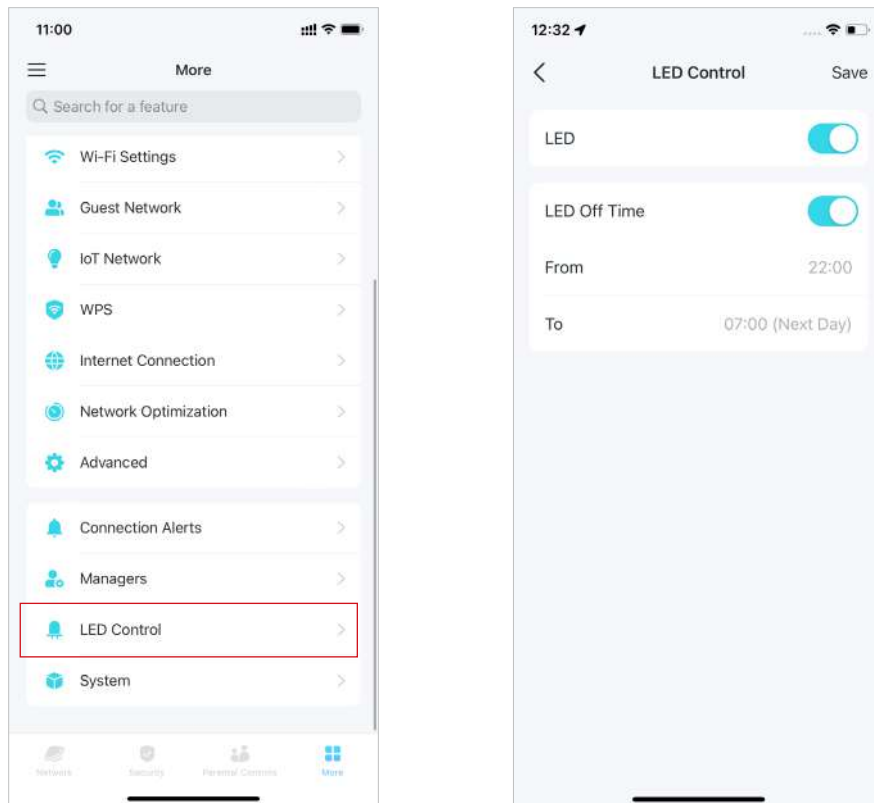


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# Control the Light on Decos

You can turn on or off the light on your Decos immediately or at specific period.

Go to [More](#) > [LED Control](#) to turn on or off the light on your Decos or specify a period during which the light will go off.

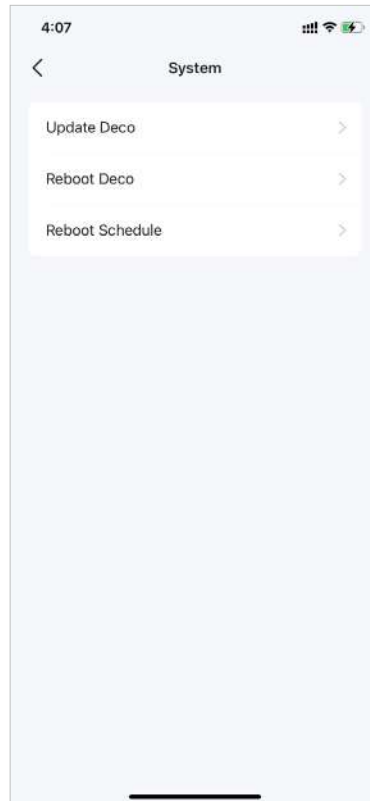
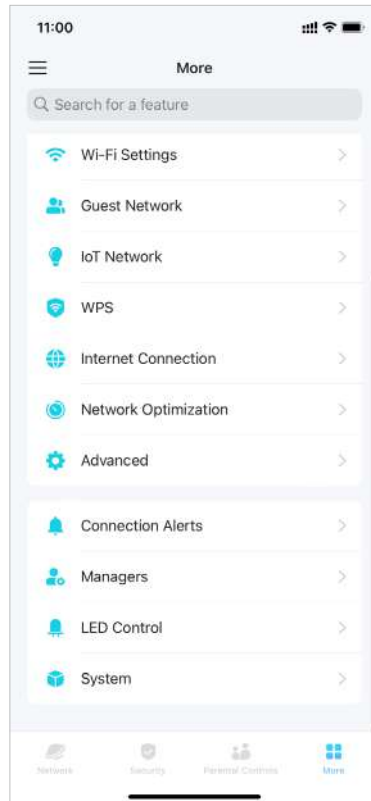


\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

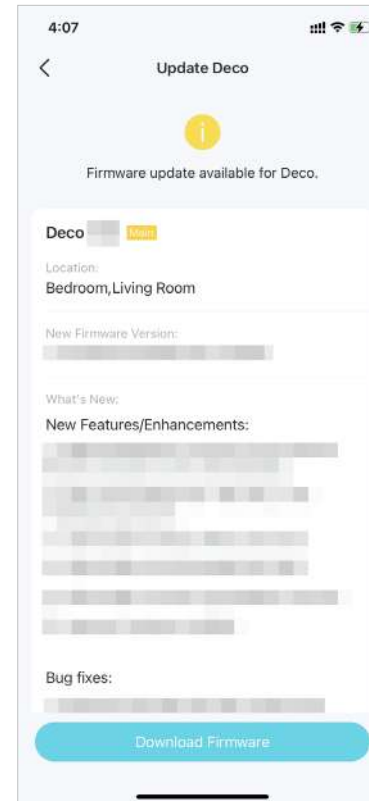
# Upgrade Your Deco

TP-Link is dedicated to improving product features and providing a better customer experience. An up-to-date firmware provides better and more stable network performance. Always update your Deco to the latest firmware version when prompted in the Deco app.

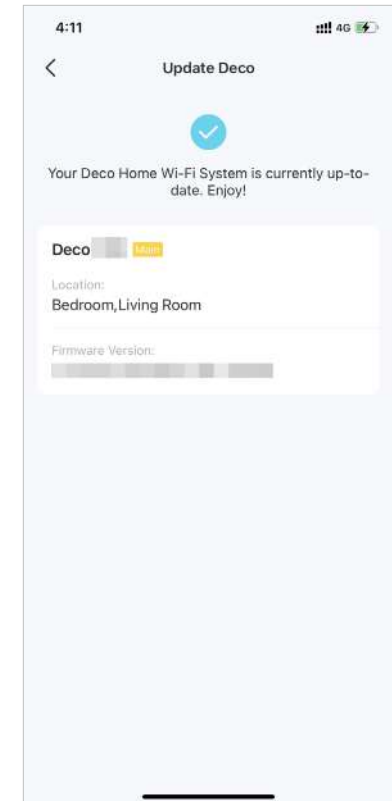
1. Go to [More](#) > [System](#) > [Update Deco](#).



2. Download and install the latest firmware (if any).



3. All Decos in your network will be updated.

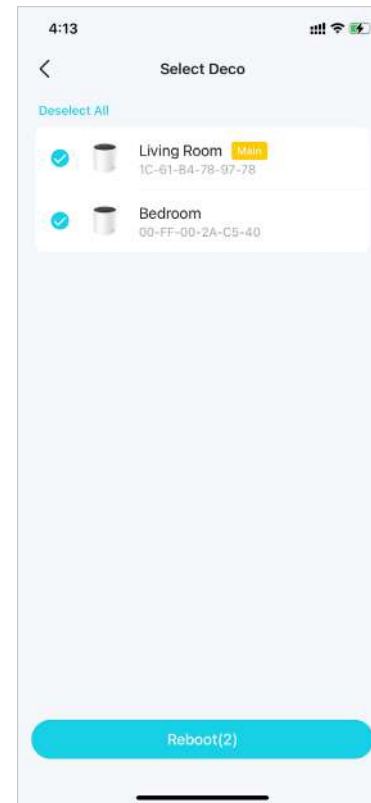
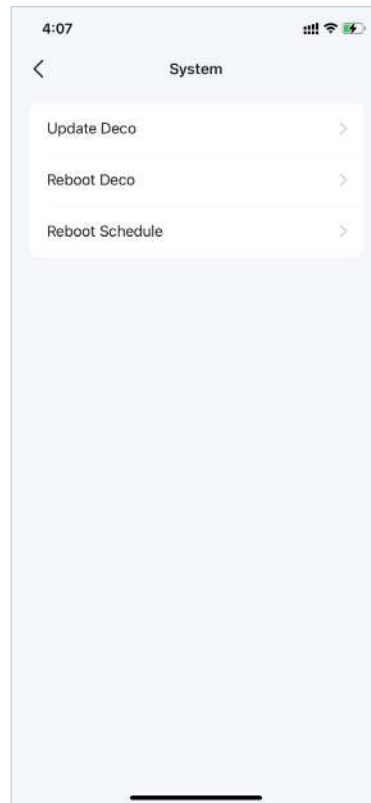
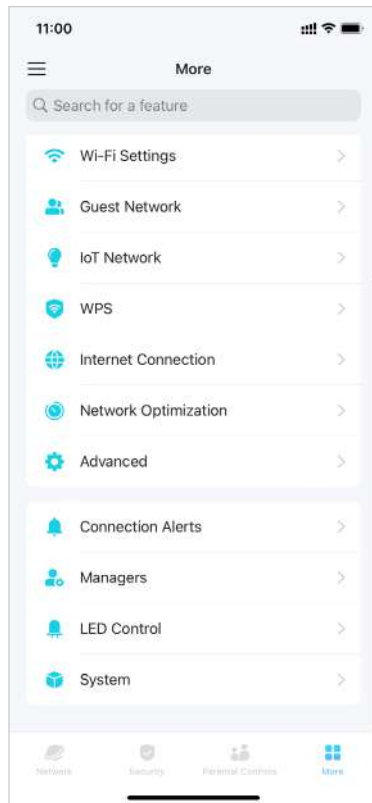


\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

# Reboot Your Deco

Reboot your Deco at any time when needed.

1. Go to [More](#) > [System](#) > [Reboot Deco](#).
2. Select the Deco you need to reboot and tap [Reboot](#). You will lose your internet connection temporarily during the reboot.



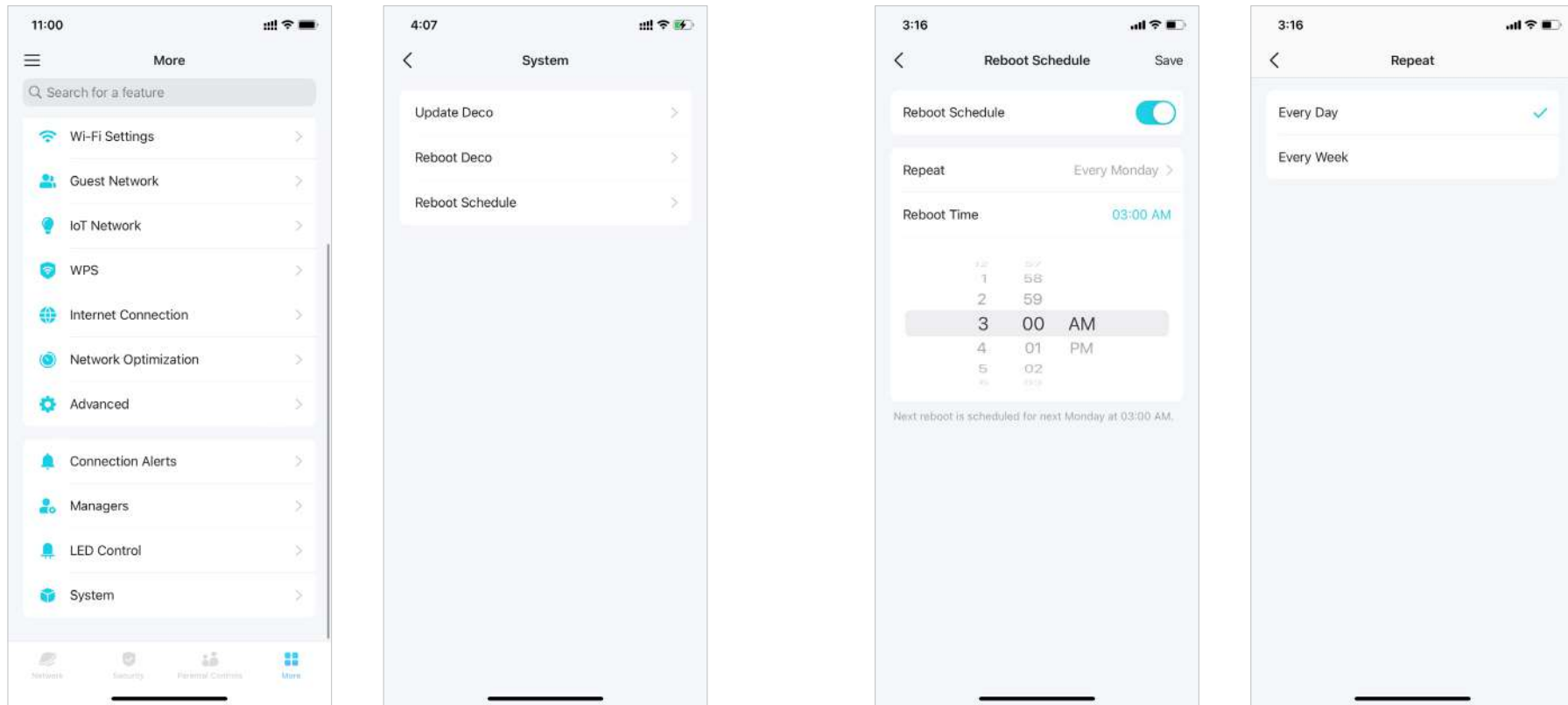
\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

# Reboot Schedule

With Reboot Schedule, you can set when and how often the Deco reboots regularly, which may improve the network stability.

1. Go to [More](#) > [System](#) > [Reboot Schedule](#).

2. Enable [Reboot Schedule](#) and set when and how often to reboot the Deco regularly.



\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

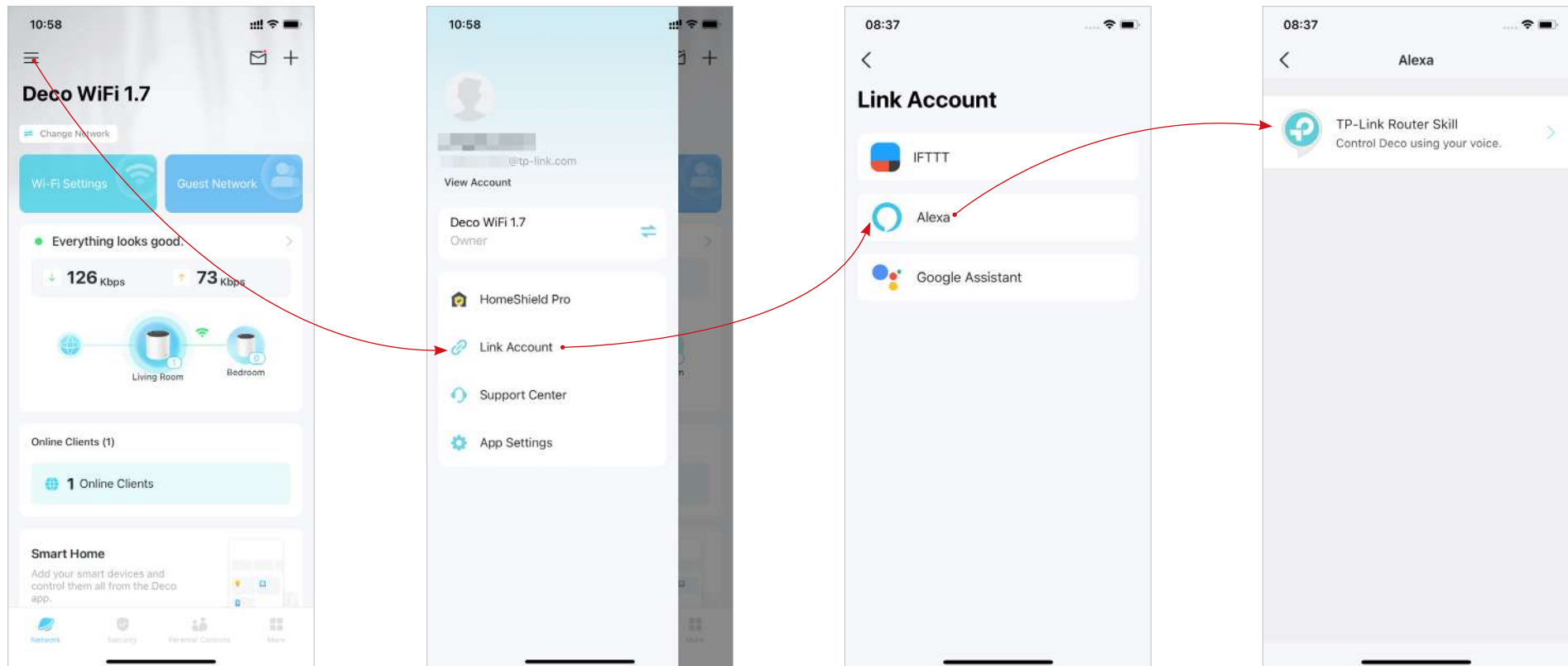
# Control Your Deco with Alexa

Alexa Integration allows you to control your Deco using Amazon's Alexa voice service. You can control and customize your home network by giving simple voice commands to Alexa, such as enabling the Guest Network, turning off your Deco LEDs, and more.

Follow the steps below to use Alexa voice commands to control your Deco network.

■ Note: This feature is currently available in English (US), English (UK), German and Japanese.

In the Deco app, tap  and go to [Link Account](#) > [Alexa](#) > [TP-Link Router Skill](#), then follow the app instructions to complete the setup.

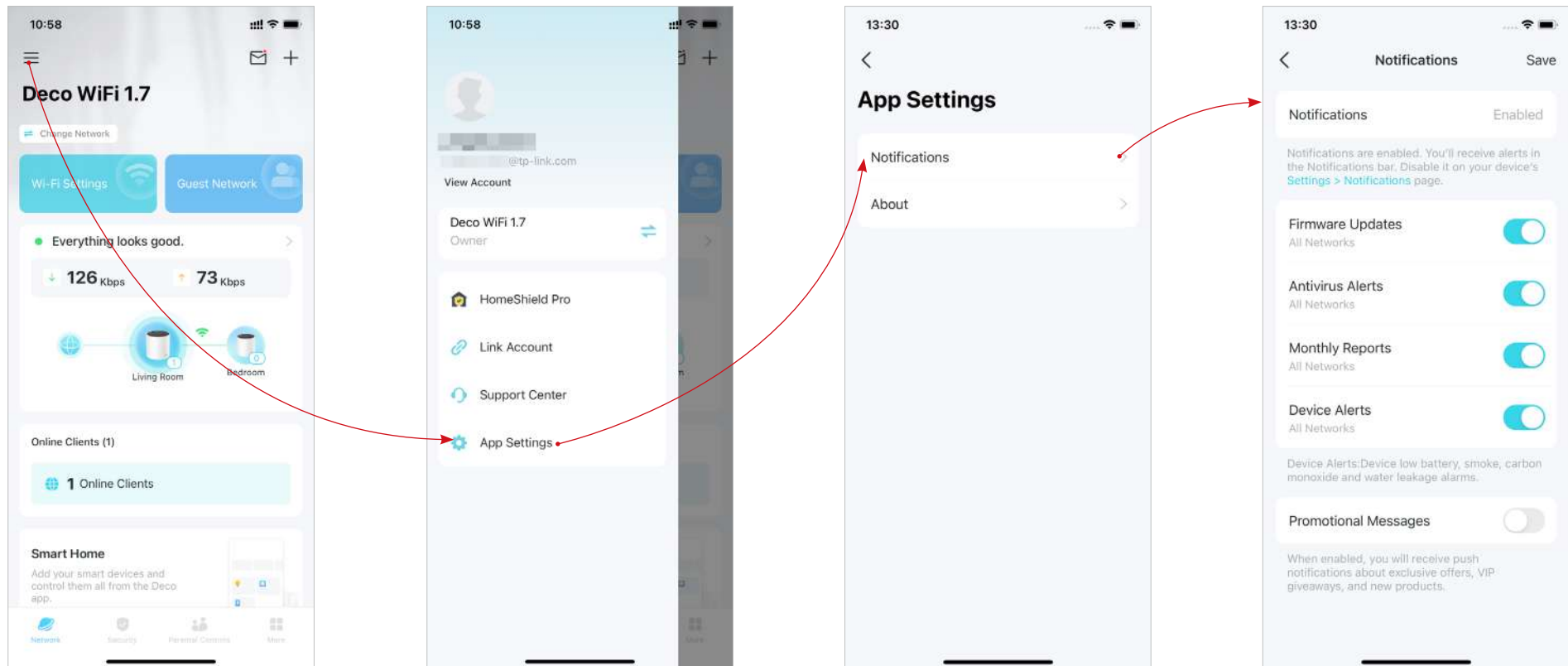


\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

# Enable App Notifications

You can enable notifications of what you care most.

Go to  > [App Settings](#) > [Notifications](#) to enable notifications.



\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

# Advanced Features

The Deco app offers a list of advanced features to fulfill diverse network needs.

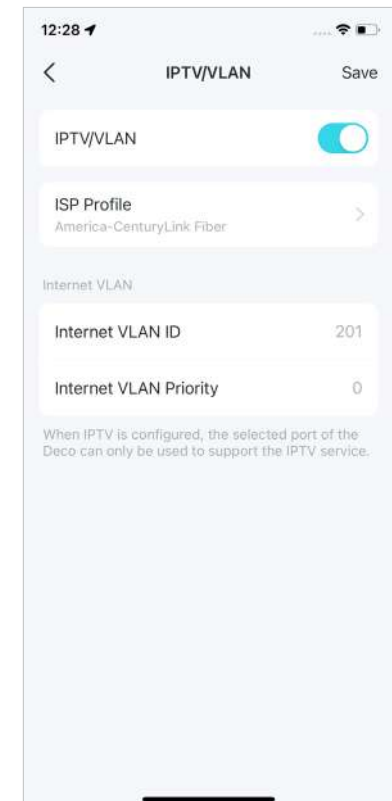
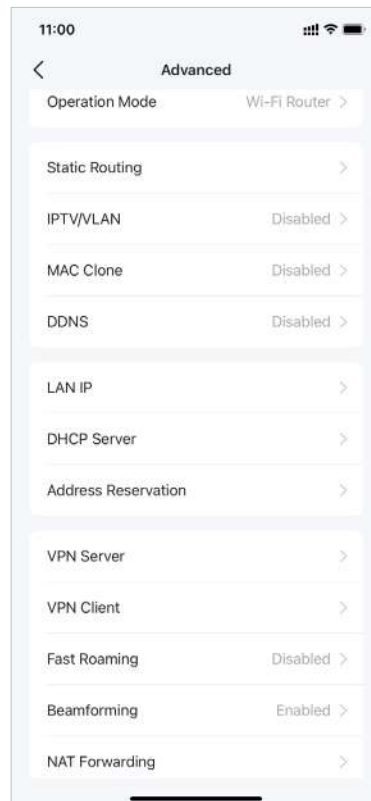
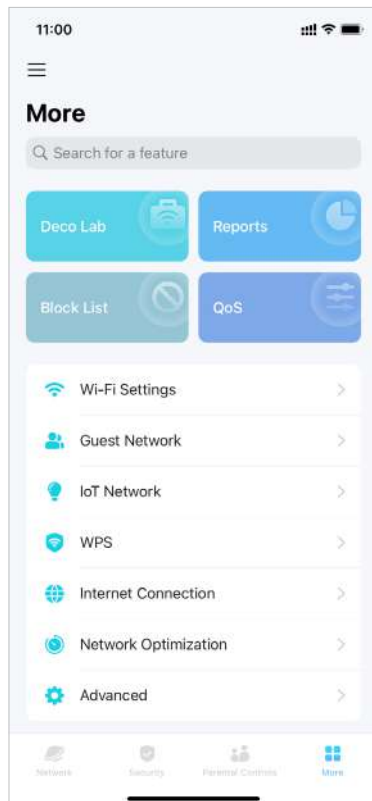
 **Tip:** You can use the search box on the [More](#) page to quickly find the features you need.

Tap [More](#) > [Advanced](#) to access advanced features.

 **Note:** Features available on this page are based on the current operation mode of the network.

Change the operation mode.

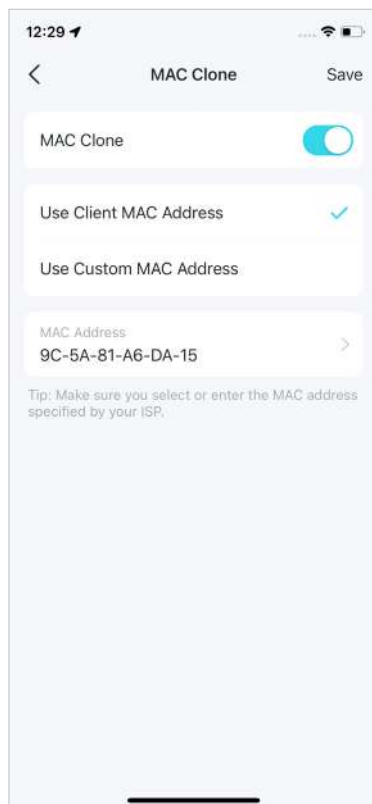
Enable IPTV/VLAN mode to support IPTV services.



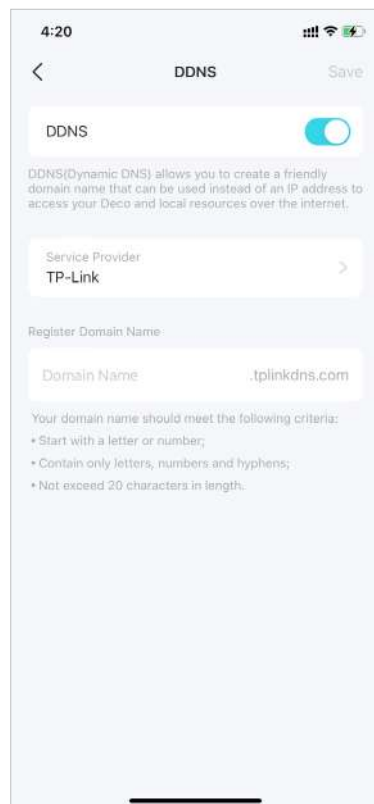
\* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

 **Tip:** You can use the search box on the [More](#) page to quickly find the features you need.

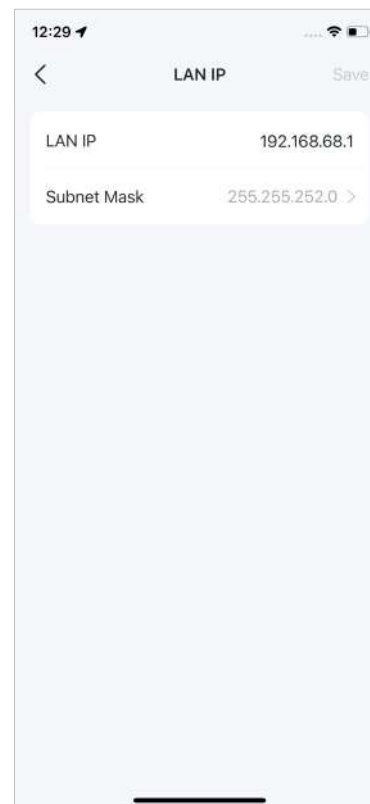
Enable MAC Clone if your ISP only allows specific MAC addresses.



Register a TP-Link DDNS domain name to access your Decos and local resources over the internet.



Modify LAN IP to avoid IP address conflict.

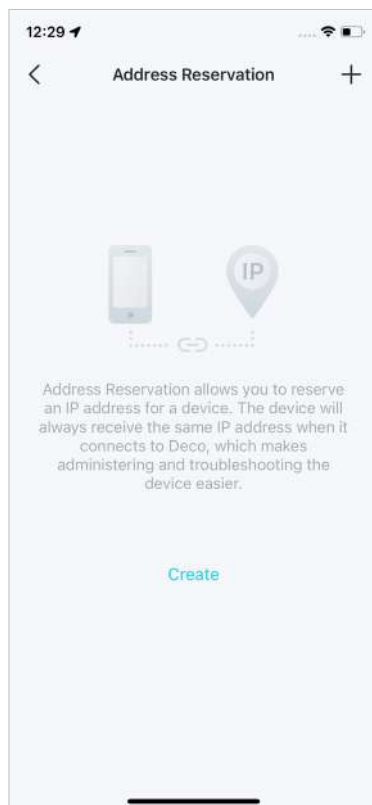


Change DHCP Server settings.

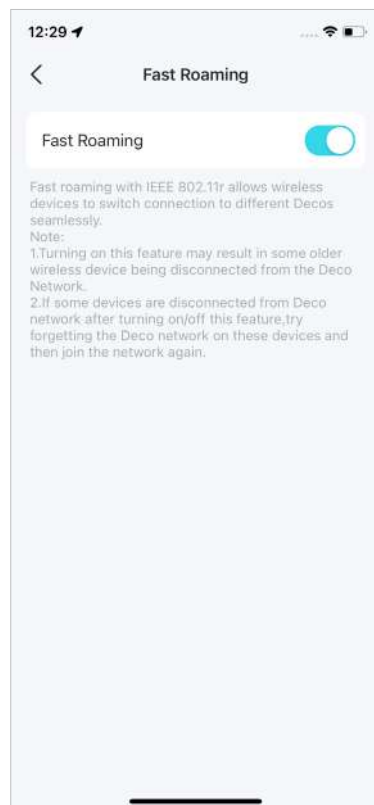


 **Tip:** You can use the search box on the [More](#) page to quickly find the features you need.

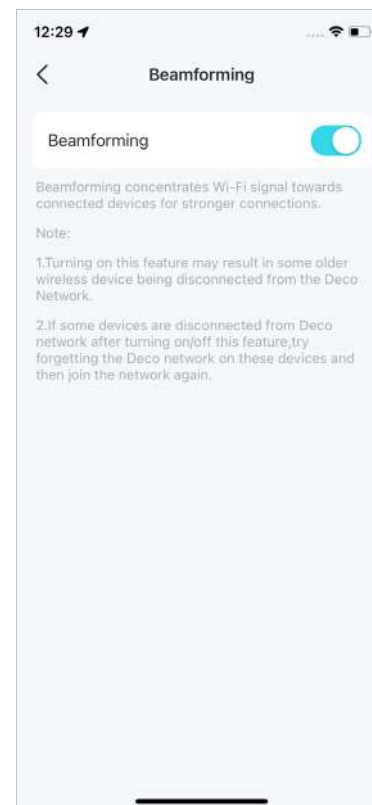
Reserve IP addresses for specific devices to recognize and manage them more easily.



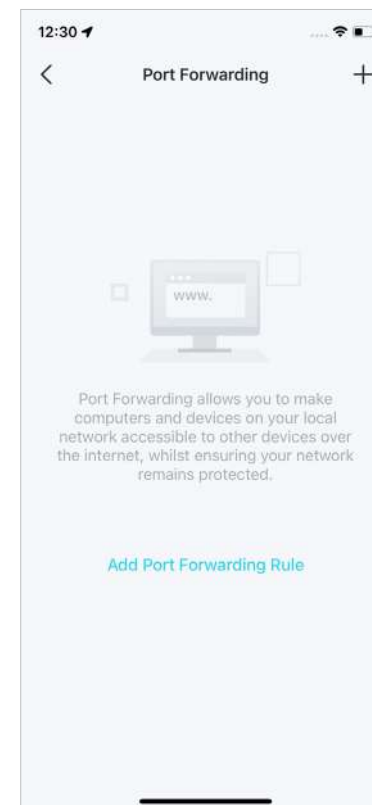
Enable Fast Roaming to further reduce roaming delays for your wireless devices.



Enable Beamforming to concentrate Wi-Fi signal towards connected devices for stronger connections.



Set up port forwarding rules to enable devices in your network accessible over the internet with safety.



 **Tip:** You can use the search box on the [More](#) page to quickly find the features you need.

Enable SIP ALG to communicate with SIP (Session Initiation Protocol) servers via NAT.

Enable UPNP to allow your local network to dynamically open ports for applications like gaming.

