



Deco App Guide

Simple. Easy. Yet Powerful.

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Get Started

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

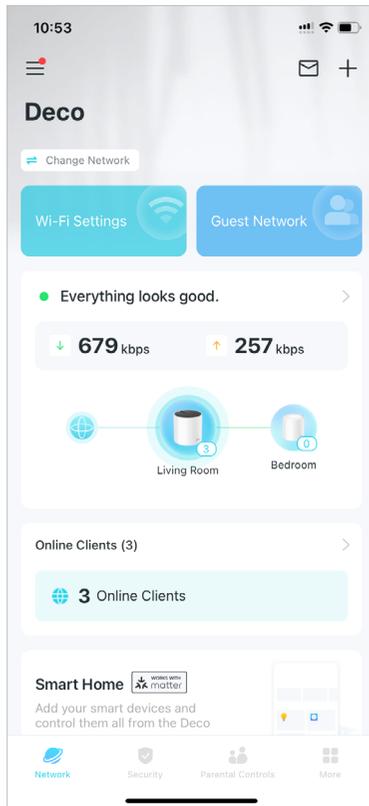
HomeShield includes the Free Basic Plan. Fees apply for the Pro Plan. Visit tp-link.com/homeshield/ for more information.

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.

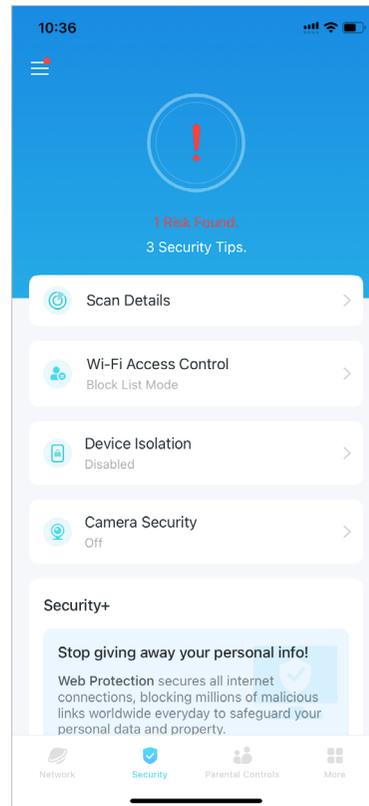
Your network at-a-glance

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



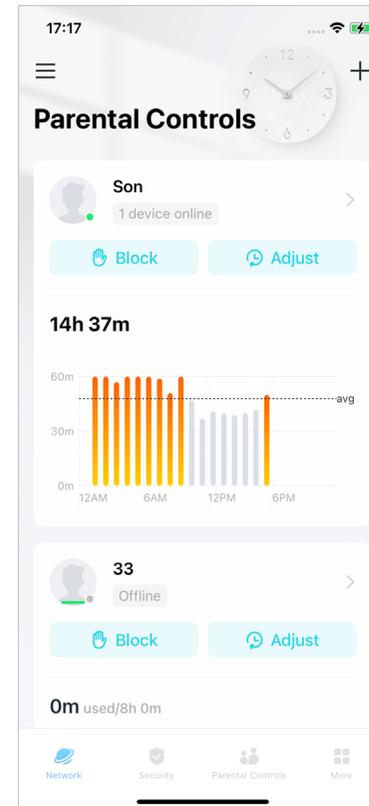
Safeguard your network

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



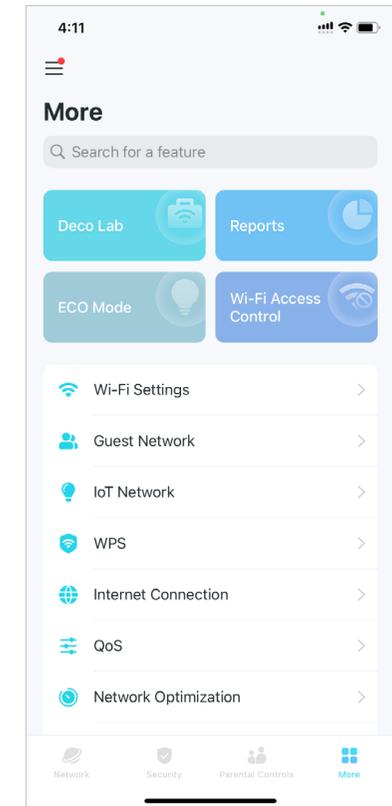
Maintain healthy digital habits

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



More features within reach

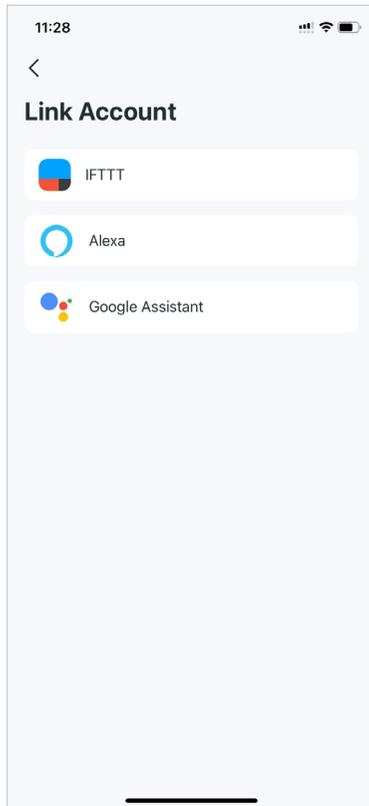
Test the in-development features at the Deco Lab, receive intuitive network reports, set up networks for dedicated needs, and more.



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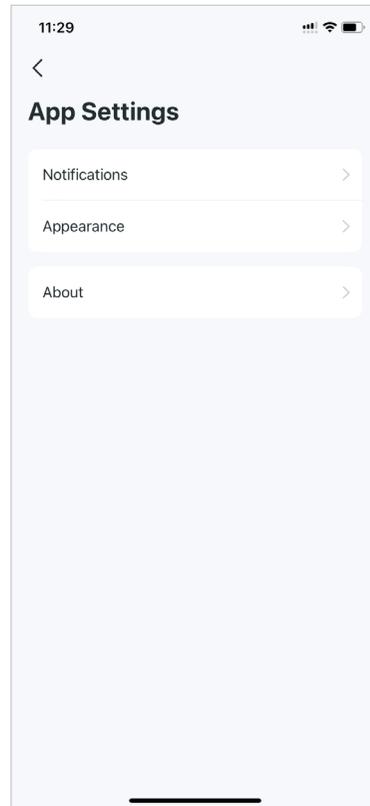
Link for more flexibility

Link your Deco with different accounts for more flexible management.



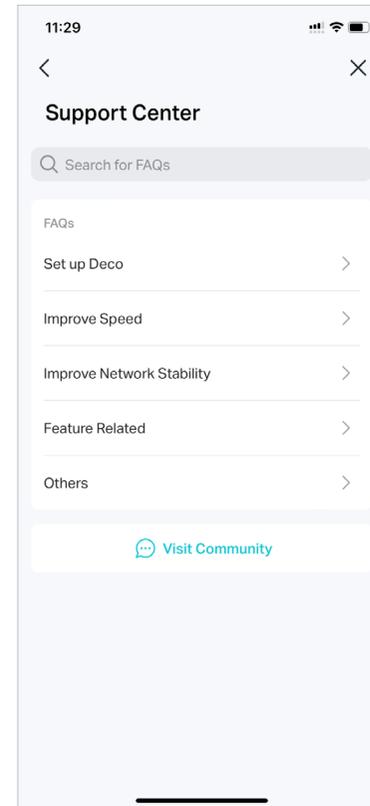
Customize app settings

Get app versions and configure basic app settings such as notifications and appearance.



Get help instantly

Find all ways in Support Center to solve the problems you encountered.



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Set Up

Before using your Deco devices, you need to set it up first. Follow the quick setup process on the Deco app to set up your Deco and unlock various features.

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

Scan the QR code below or go to Google Play or the App Store to download the Deco app. Install the app on your Android or iOS smartphone or tablet.



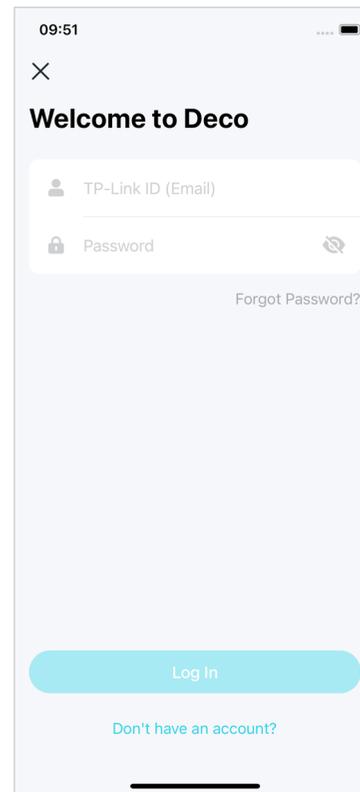
or



2. Log in or sign up with TP-Link ID

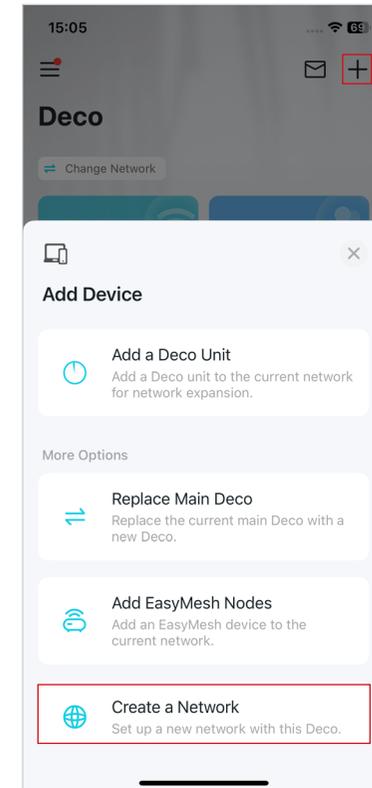
Open the app and log in with your TP-Link ID. If you don't have a TP-Link ID, create one first.

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



3. Create a Network

In the Deco app, tap the + button on the top right corner of the homepage, then select [Create a Network](#).



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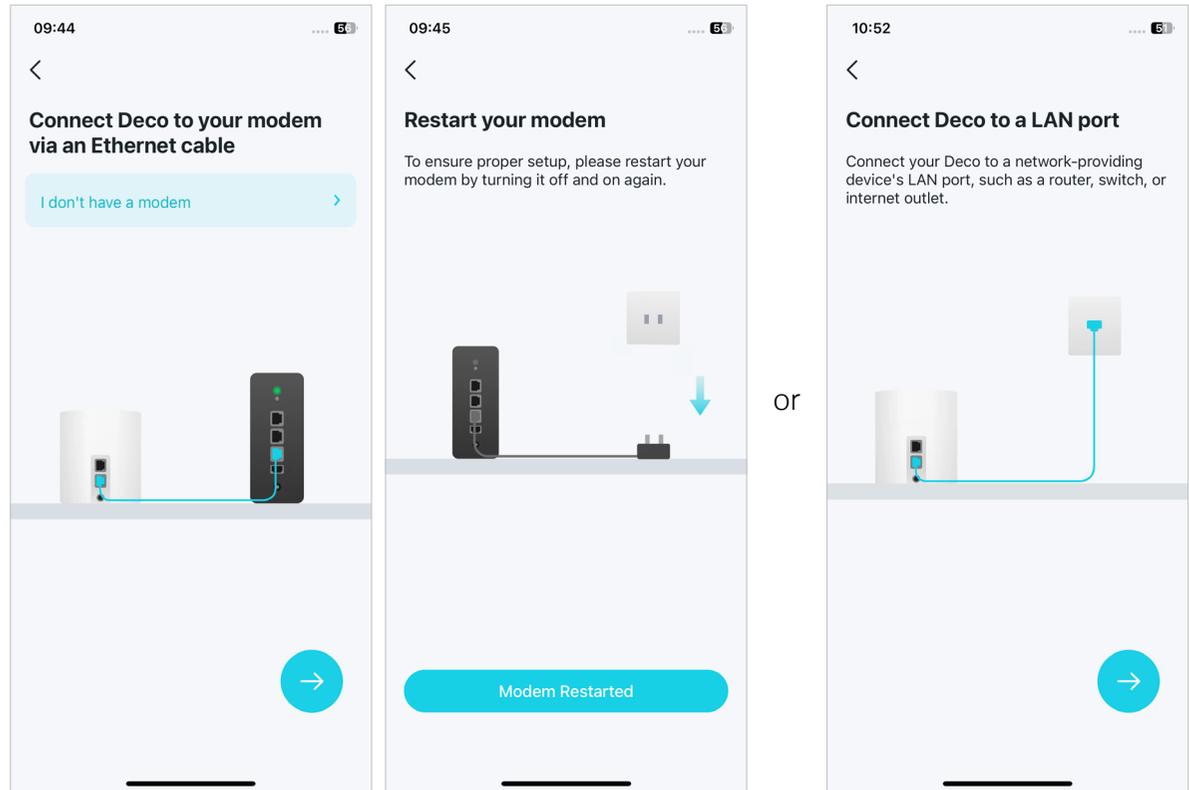
4. Plug in your Deco

Plug in your Deco and wait until your Deco's LED pulses blue, then your phone/tablet will connect to the Deco's default Wi-Fi automatically.



5. Connect your Deco

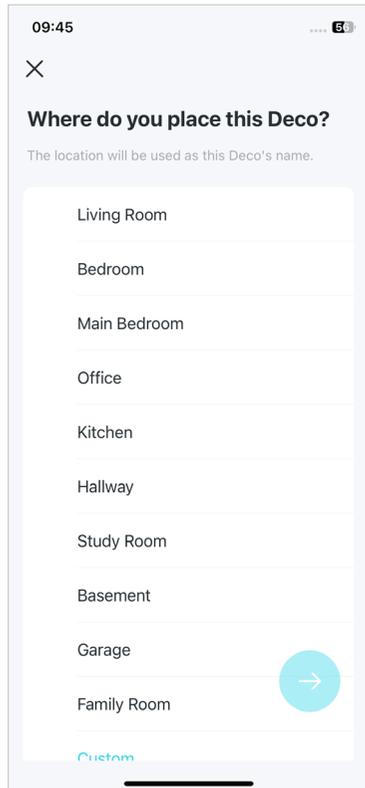
Power off your modem. Connect your Deco to the modem and power it on. If you don't have a modem, connect your Deco directly to the Ethernet outlet.



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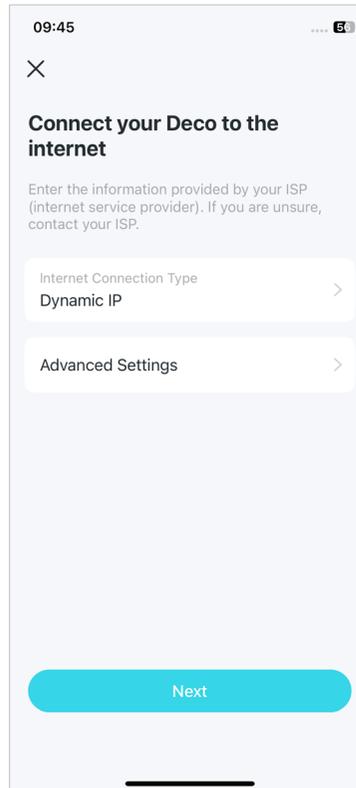
6. Specify your Deco's location

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



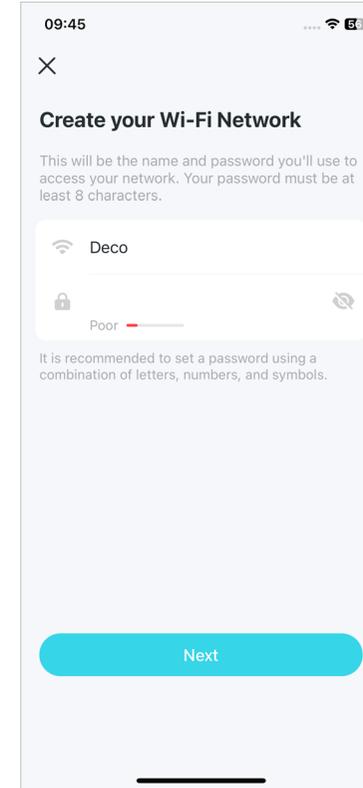
7. Connect your Deco to the internet

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



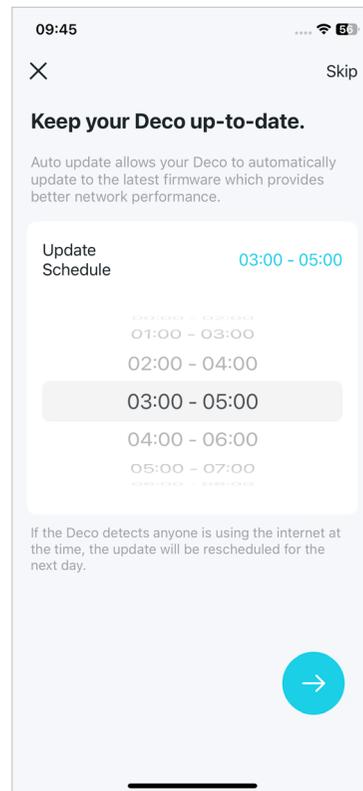
8. Create your Wi-Fi network

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



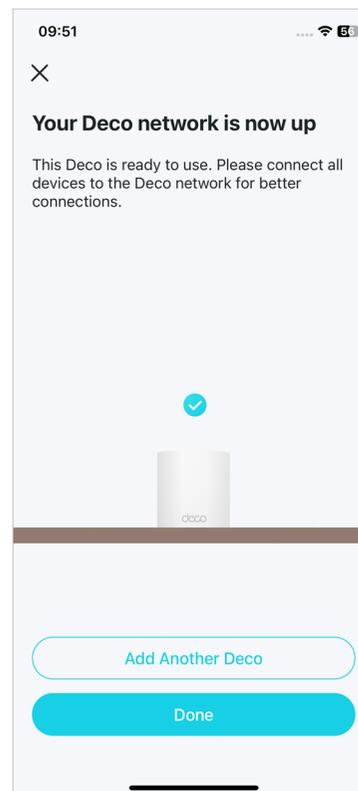
9. Keep your Deco up-to-date

Set auto update time. This allows your Deco to automatically update to the latest firmware which provides better network experience.



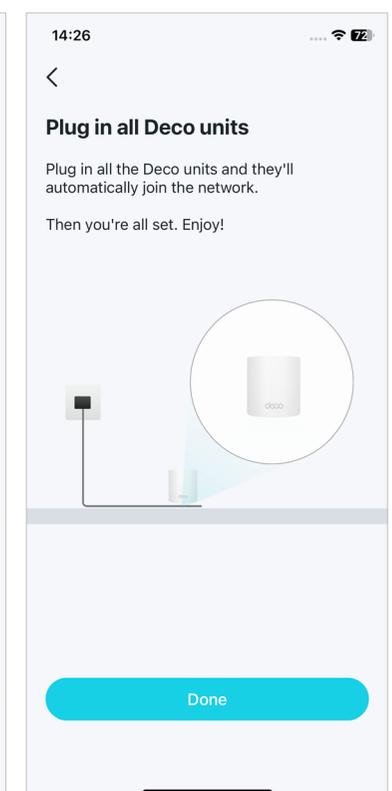
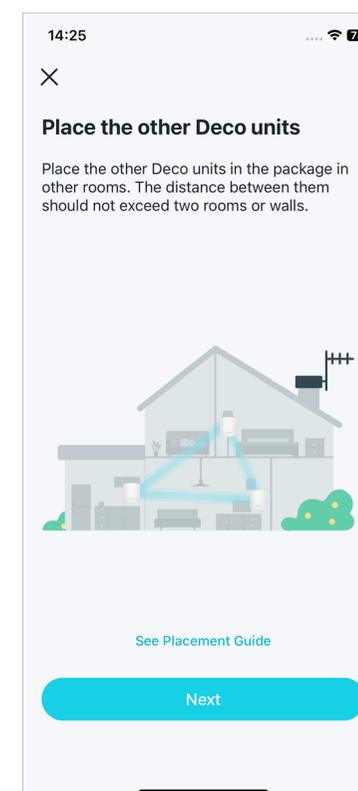
10. Setup complete

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



11. Plug in other Decos (if any)

Place the other included Decos in a suitable position and plug them on, and they will join the network automatically.



Network

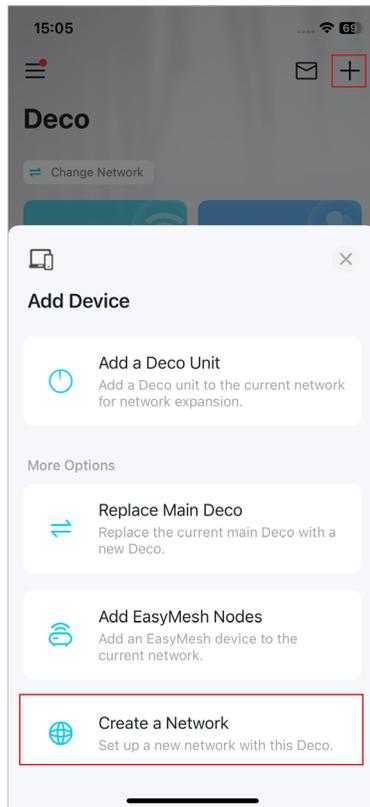
After setting up your Deco network, you can easily access what you use most in the dashboard. Create a new network, switch between networks, view the network topology and status, manage clients, and more.

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. Two methods are provided as below to create a new network.

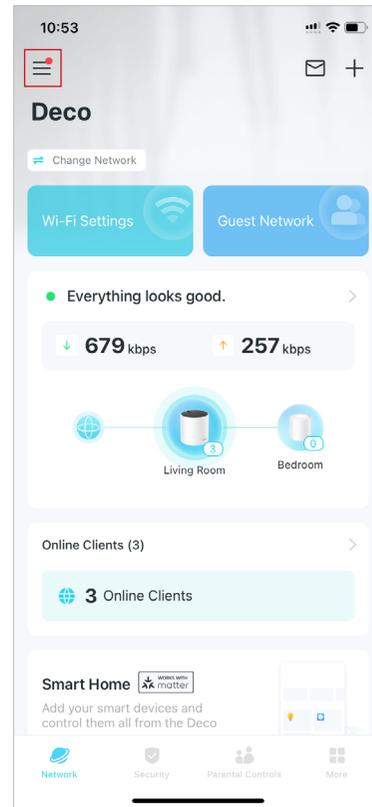
Method 1. Via Home Page

1. On the home page, tap **+** and select **Create a Network**. Then follow app instructions to complete the setup.

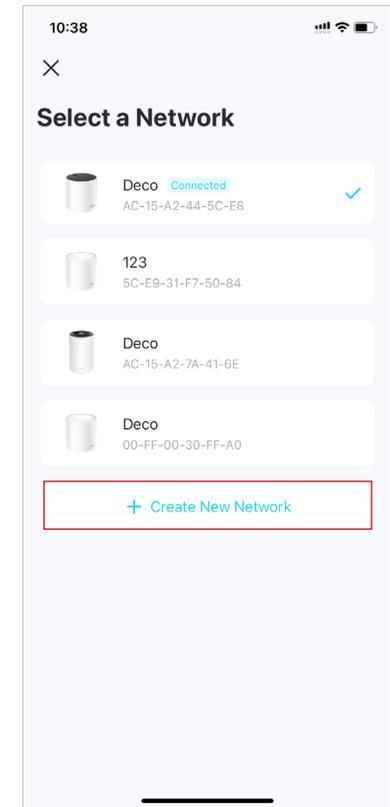
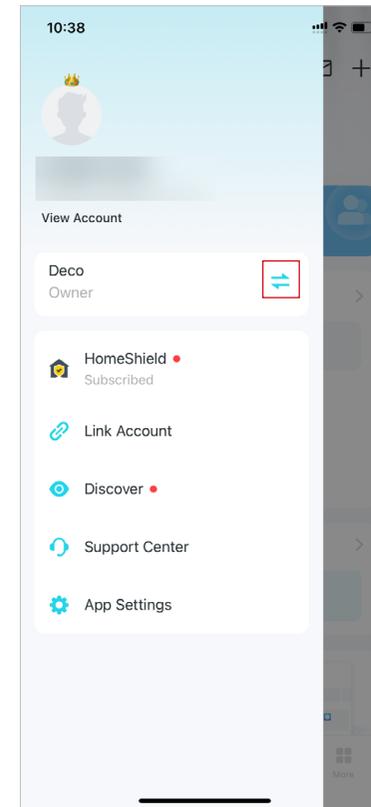


Method 2. Via Side Menu

1. Tap **☰** to open the side menu.
2. Tap **⇄**.



3. Tap **Create New Network**. Then follow app instructions to complete the setup.



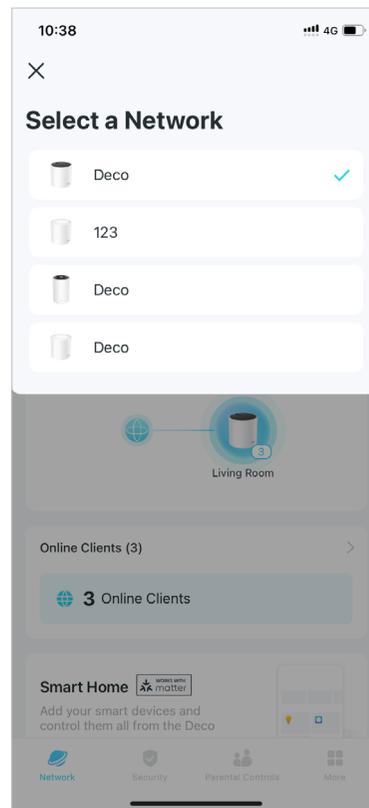
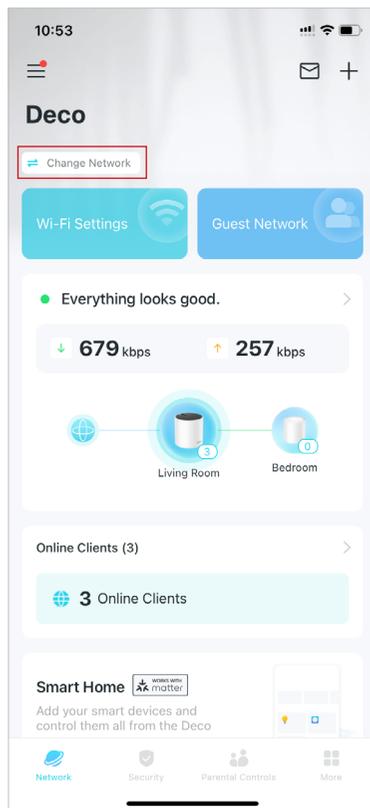
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

Switch Between Deco Networks

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

Method 1. Via Home Page

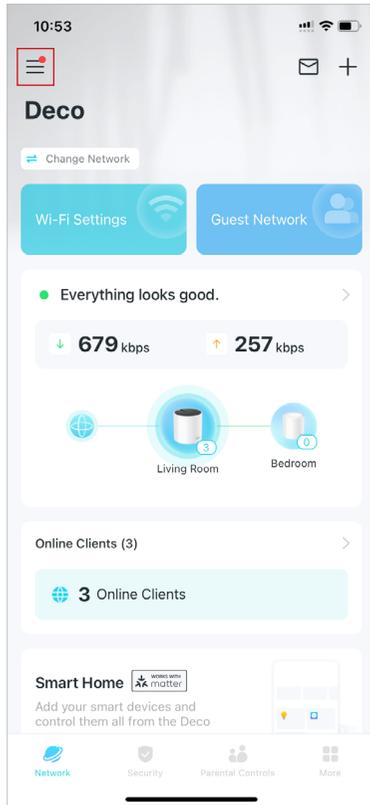
1. On the home page, tap [Change Network](#).
2. Select a network to switch to.



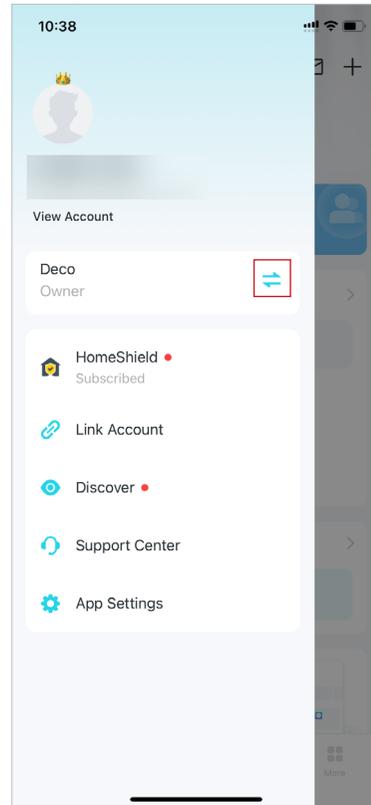
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Method 2. Via Side Menu

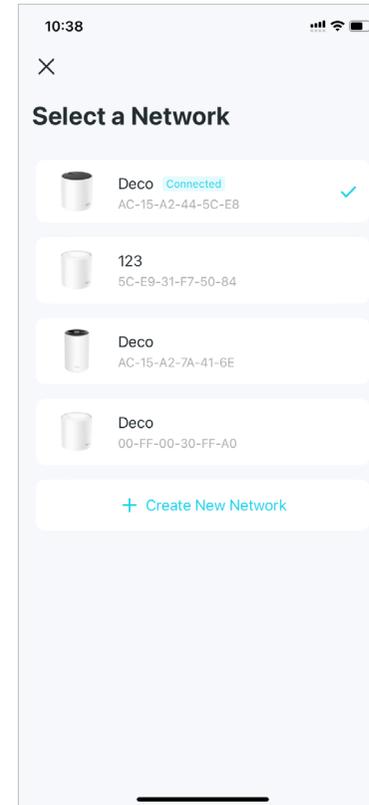
1. Tap  to open the side menu.



2. Tap .



3. Select a network to switch to.



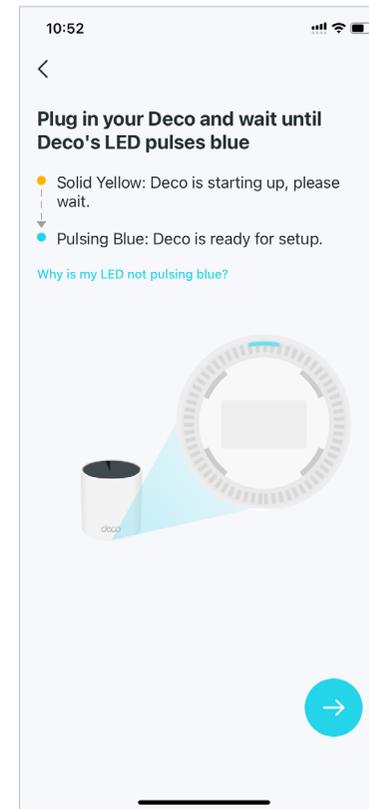
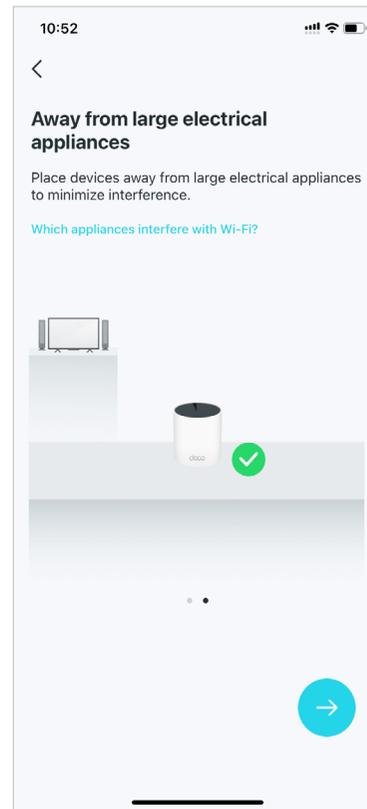
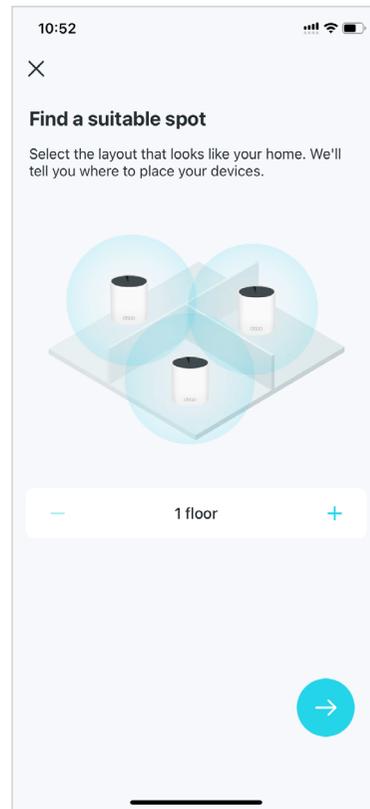
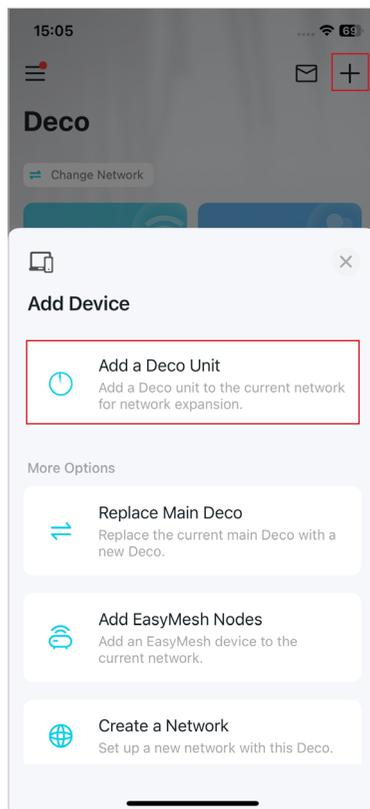
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Add More Decos

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. Then follow app instructions to add the Deco.



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Replace Main Deco

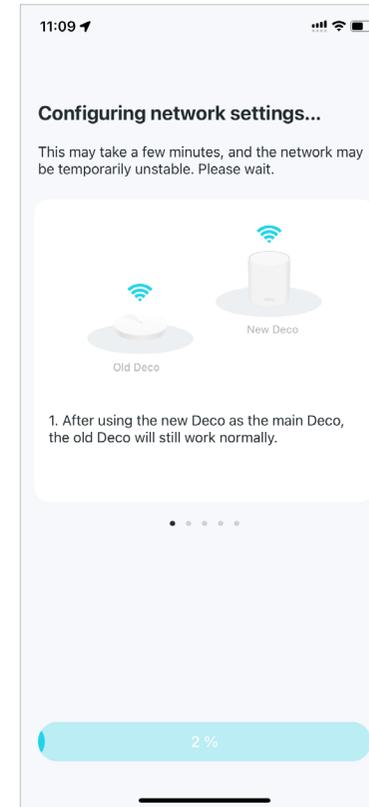
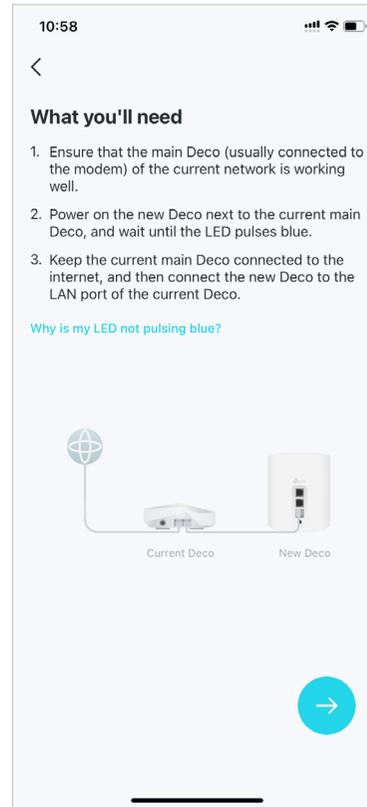
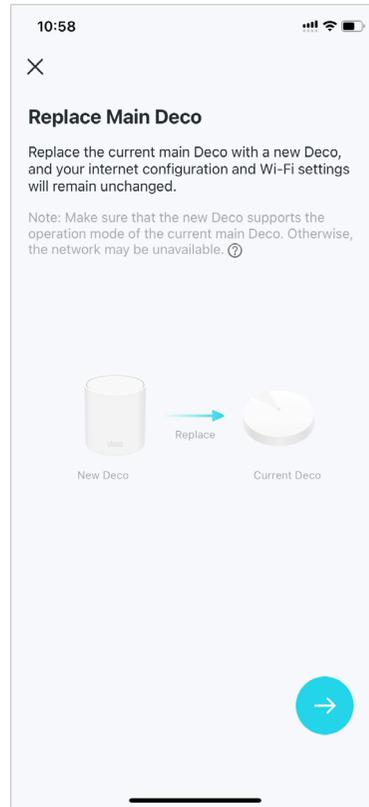
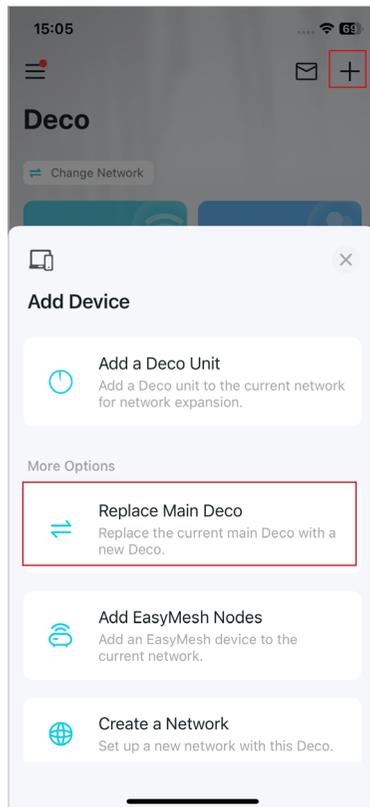
You can replace the current main Deco with a new Deco, and your internet configuration and Wi-Fi settings will remain unchanged.

■ 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.

■ Note: When replacing your Deco, your network will be temporarily unavailable.

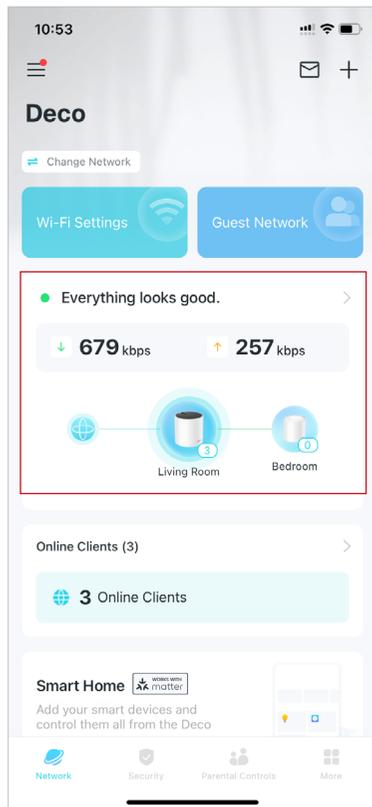


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Manage Deco Network

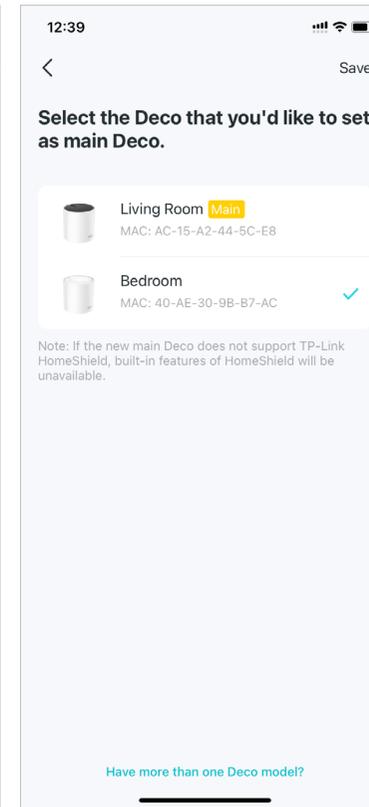
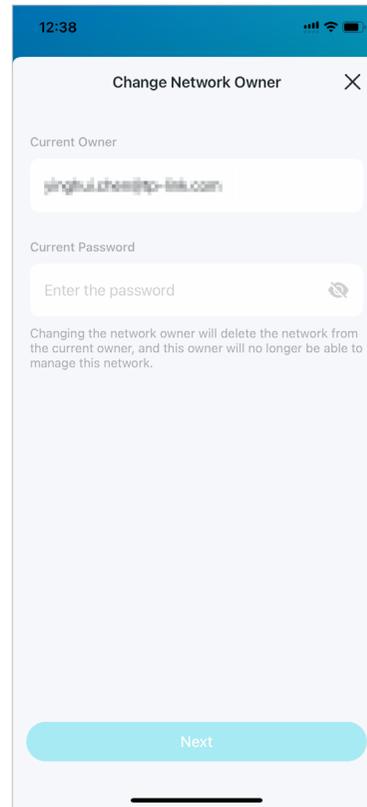
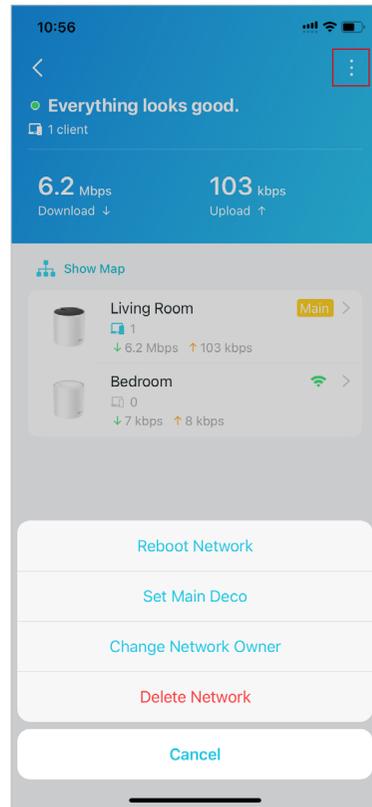
After setting up your Deco network, you can easily manage your whole-home network. Check the network status and speeds, reboot network, change the network owner and main Deco, delete the network, and more.

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



2. Check the network status, speeds, and connected devices.

Tap  to manage the network,

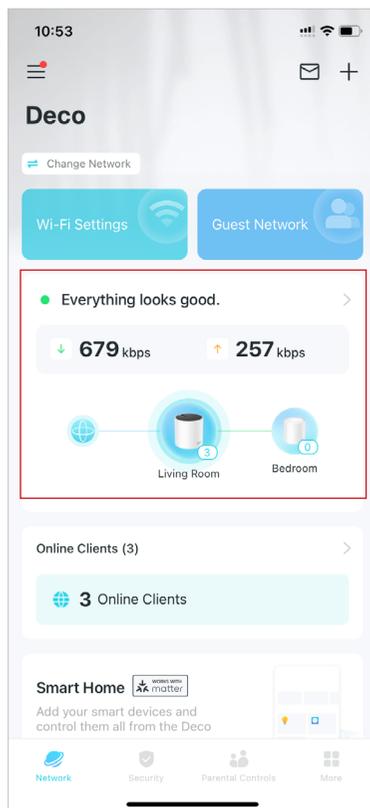


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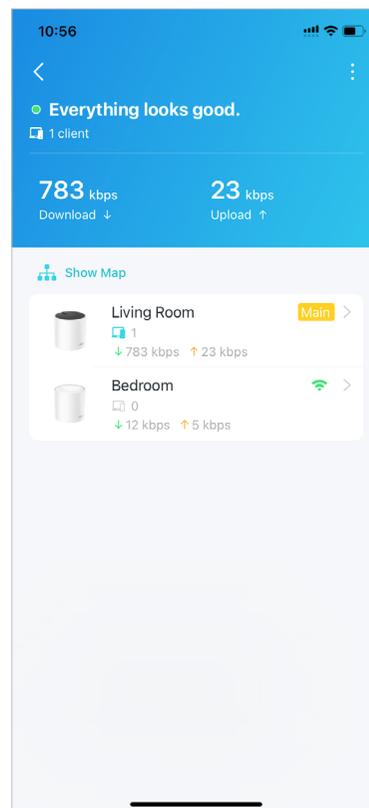
Manage Deco Units

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

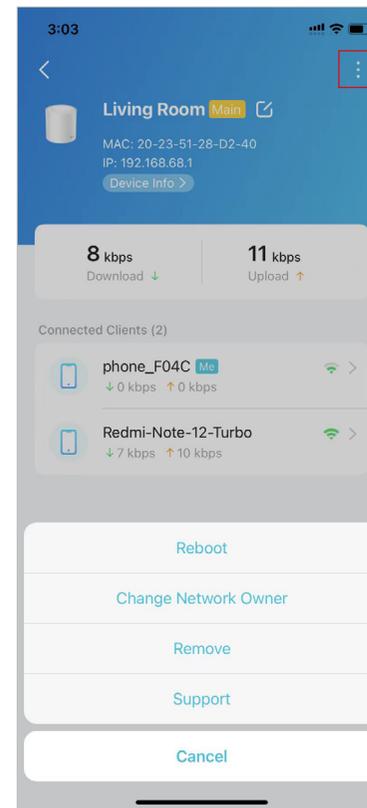
1. On the home page, tap the Network module.



2. Tap a Deco to view device details.



3. Tap  to configure the Deco settings, like rebooting or removing the Deco.

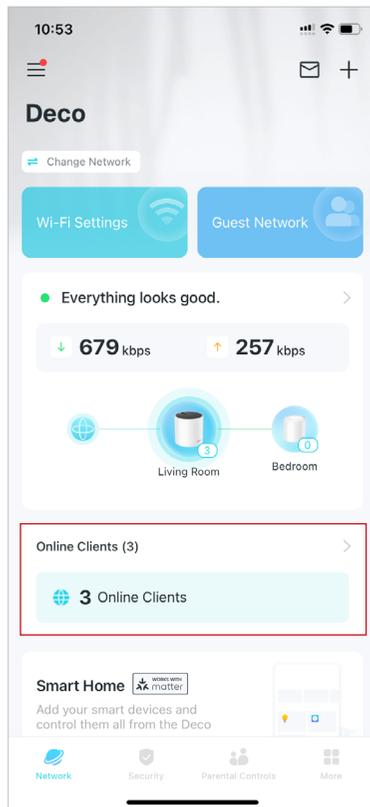


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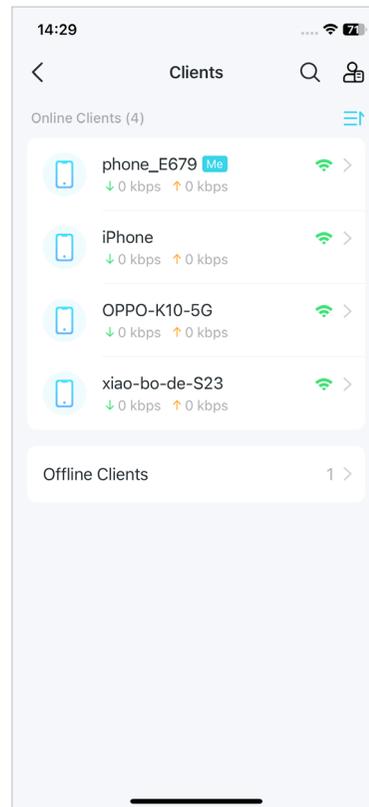
Manage Network Clients

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.

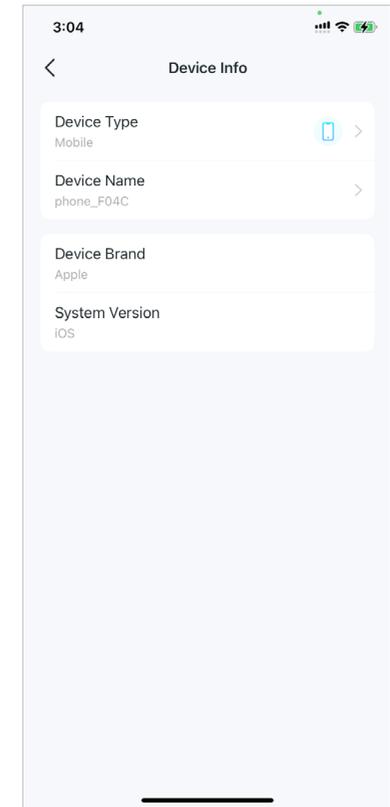
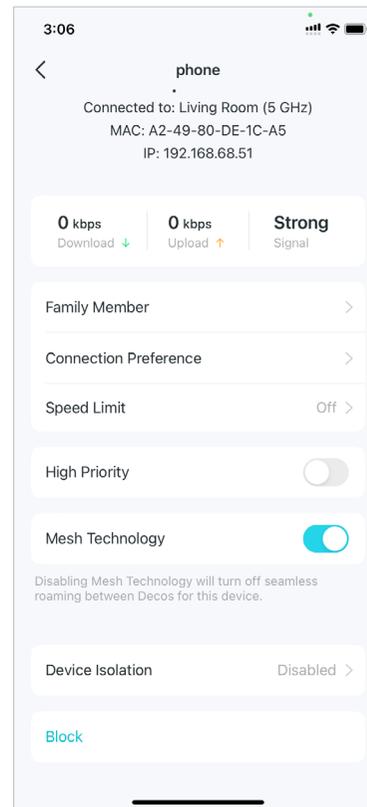
1. On the home page, tap the Clients module.



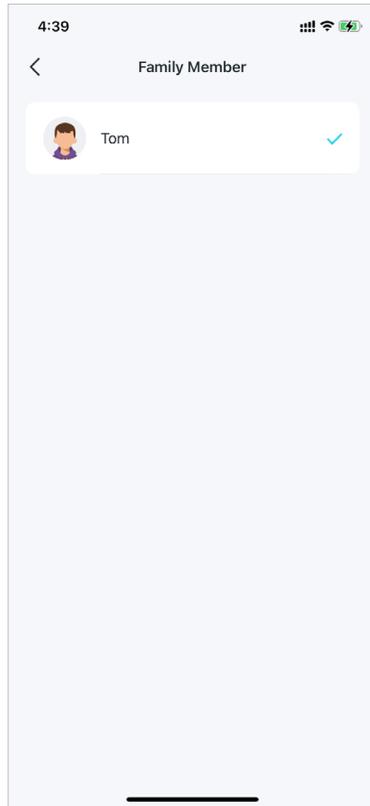
2. Tap a client to view the details.



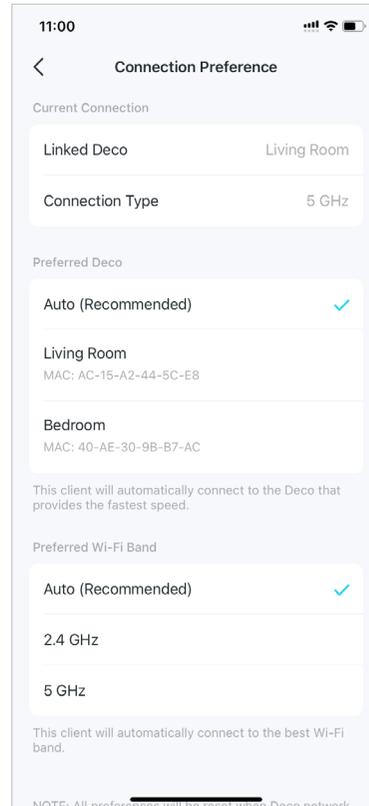
3. Tap the device icon to configure the device type and name.



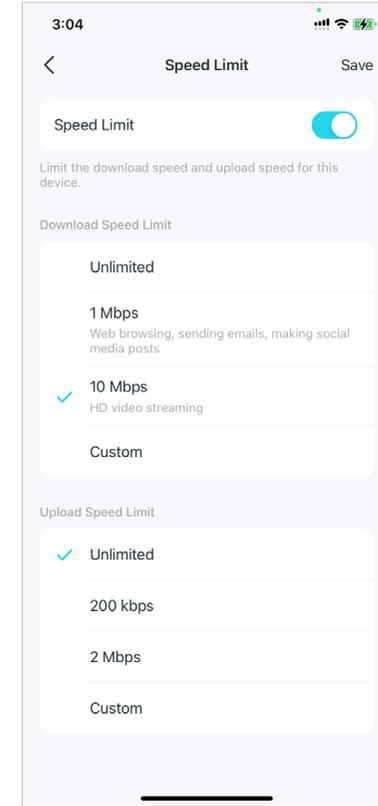
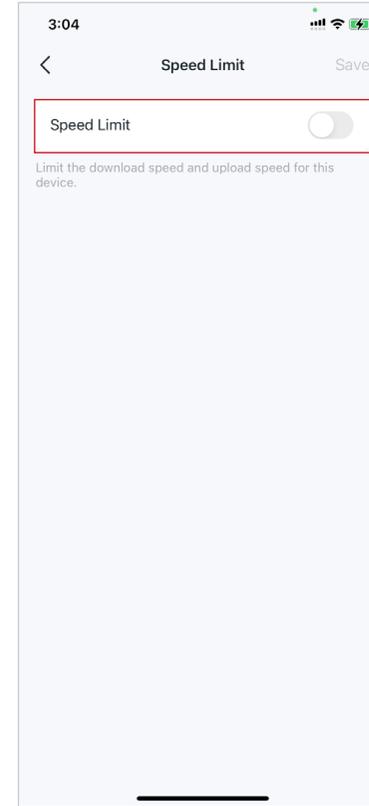
4. Tap **Family Member** to check the profile it belongs to.



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

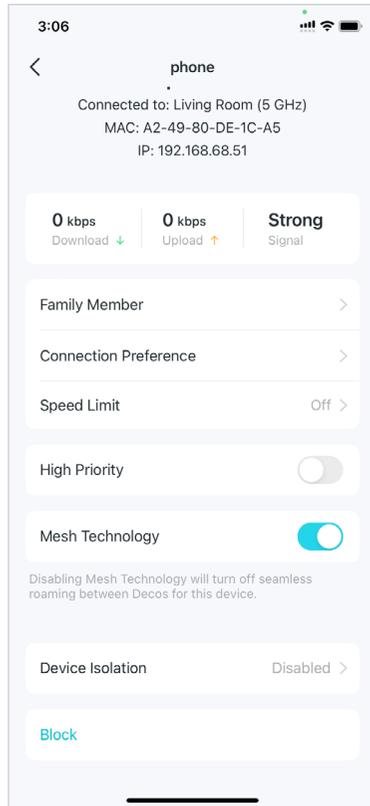


6. Enable **Speed Limit** for this client.

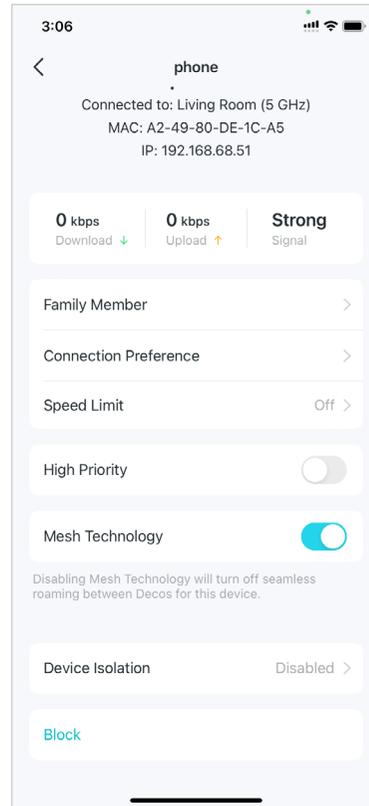


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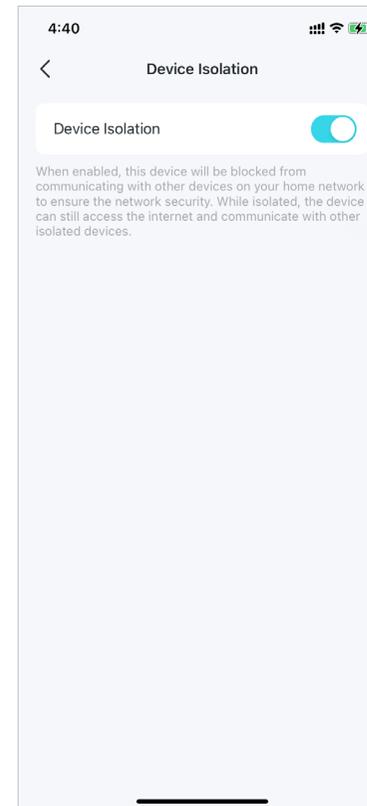
7. Enable **High Priority** for this client.



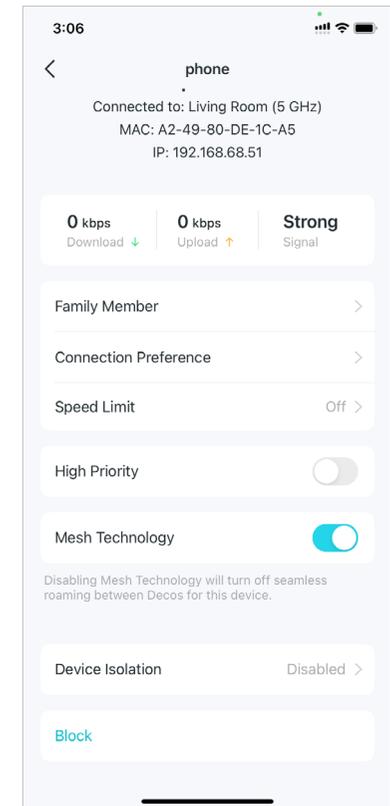
8. Enable **Mesh Technology** for this client to turn on seamless roaming between Decos for this device.



9. Enable **Device Isolation** to block this device from communicating with other devices on the network to ensure the network security. Refer to [Device Isolation](#) for more details.



10. Tap **Block** to prevent this device from accessing to the network.



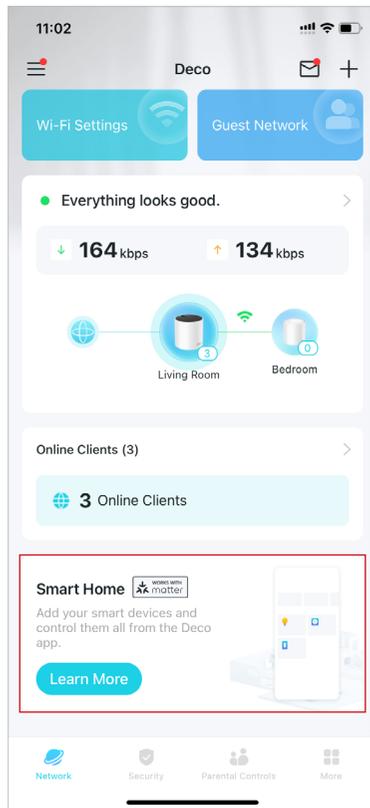
Deco Smart Home

Deco works as a central controller to manage your smart devices such as smart bulbs, plugs, and switches. It allows you to access the devices in your local area network (LAN) through the Deco app even when your home goes offline.

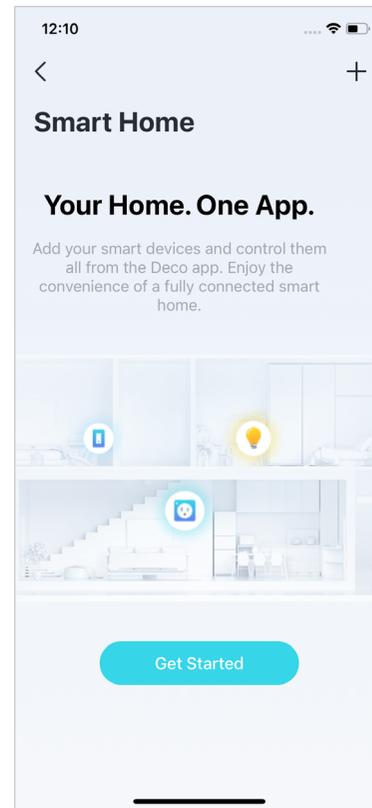
Add Smart Devices

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

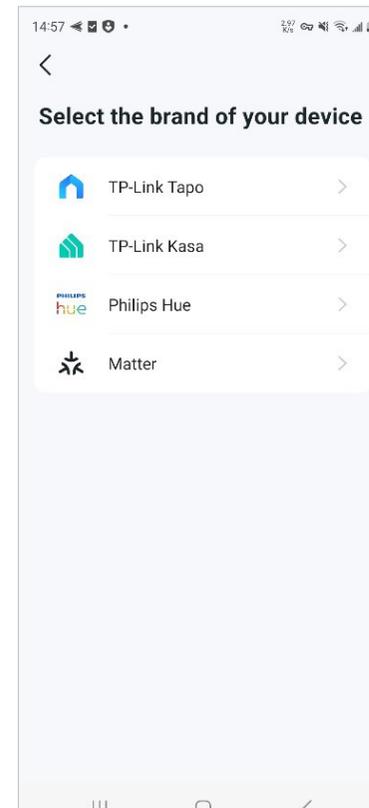
1. On the home page, swipe up and tap the Smart Home module.



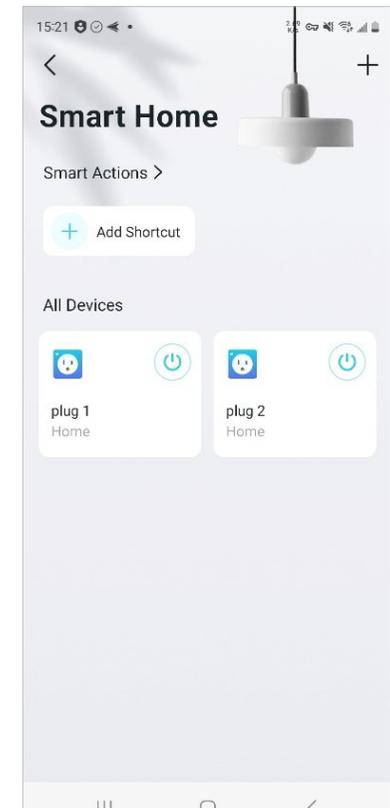
2. Tap [Get Started](#).



3. Select the brand of your device and follow the instructions to add it to your Smart Home.



4. When finished setup, you can manage your smart devices on Deco Smart Home.



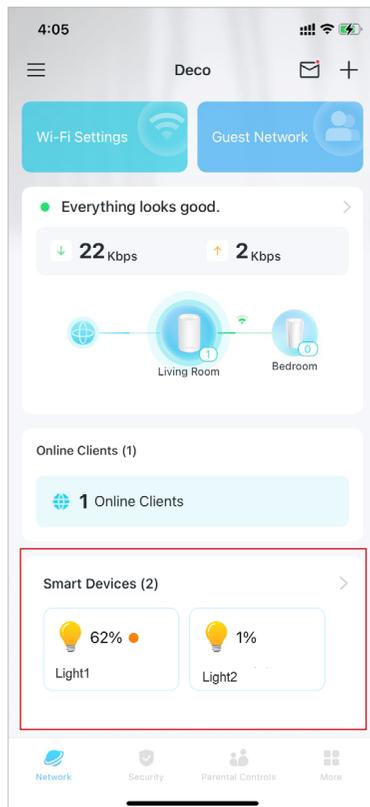
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Quickly Do Tasks with Shortcut

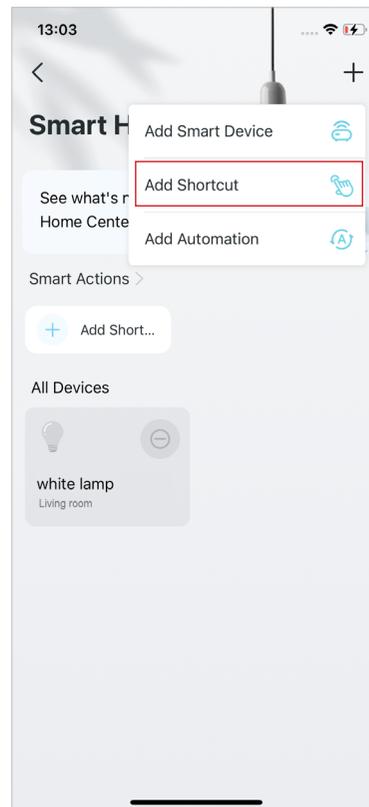
Shortcut lets you execute an action with a simple tap. For example, if you want to power off your living room light at one tap, follow the steps below.

📌 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.

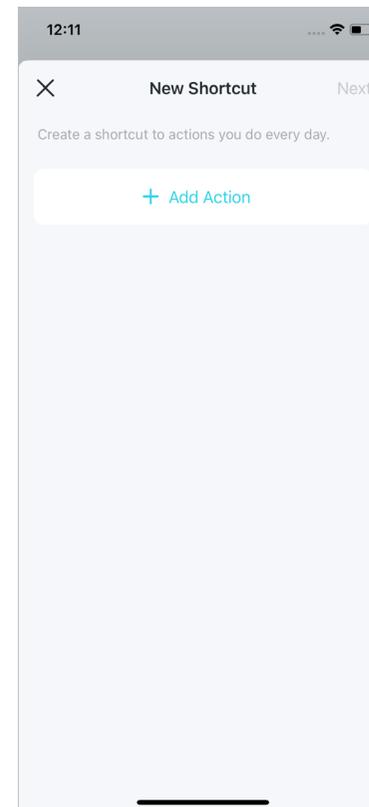
1. On the home page, swipe up and tap the Smart module.



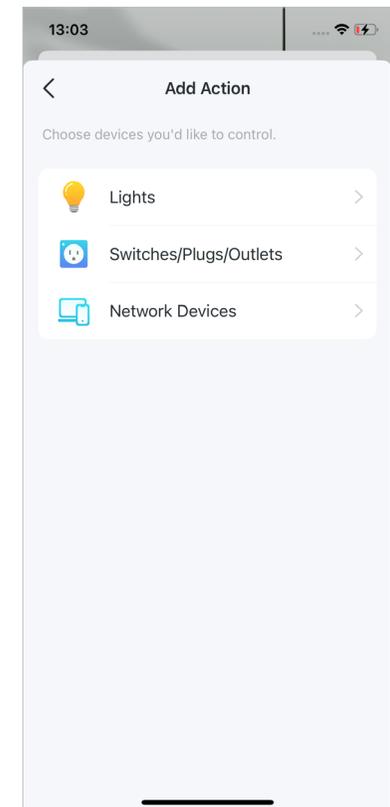
2. Tap + and select [Add Shortcut](#).



3. Tap [Add Action](#).

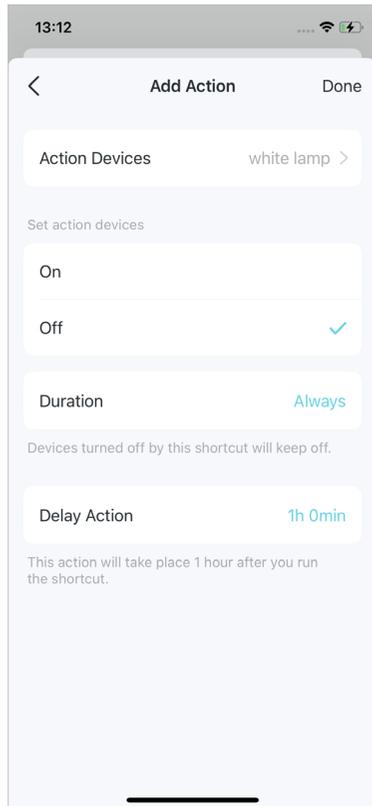


4. Choose the devices you'd like to control.

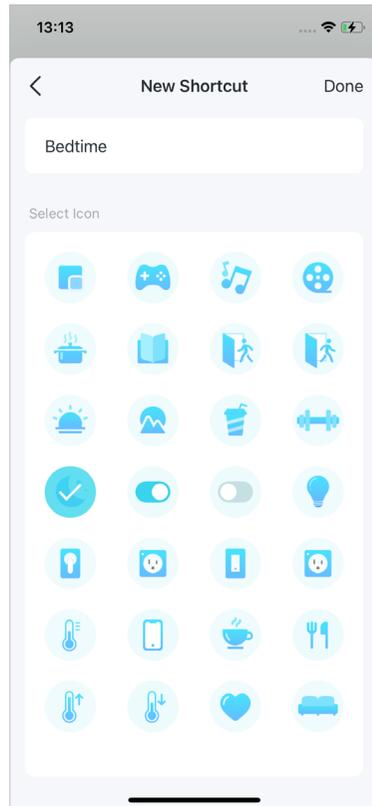


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

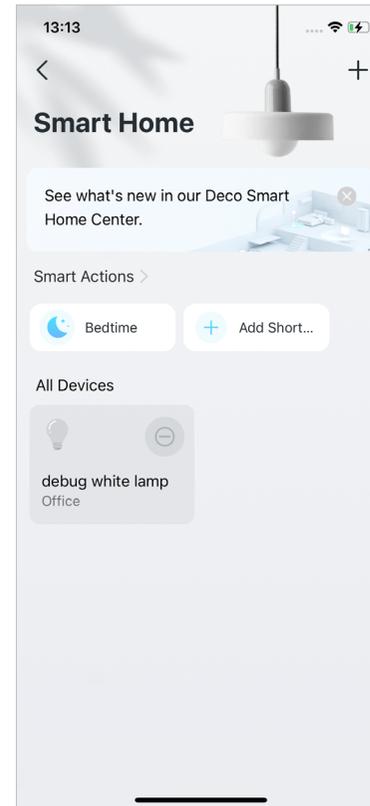
5. Add an action to be executed with a simple tap.



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



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



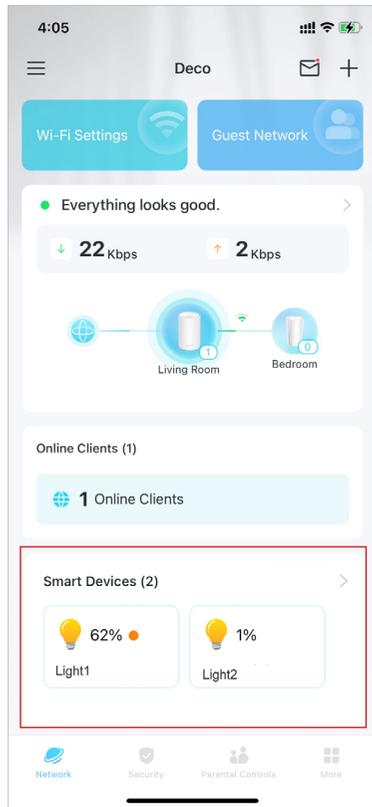
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

Automate Your Smart Devices

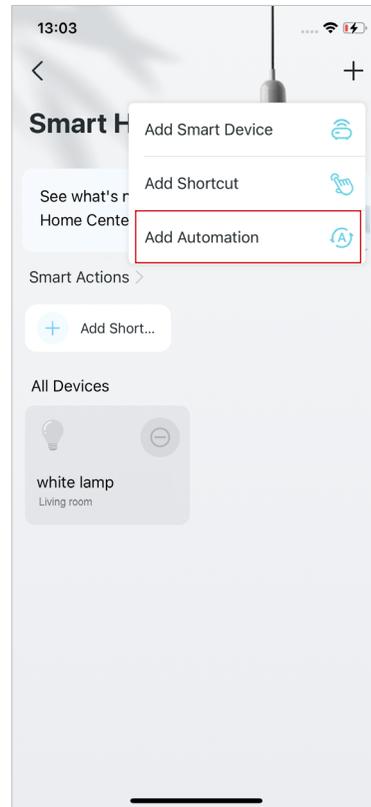
Automation allows you to set interactions between your devices by adding triggers and actions. For example, when you arrive home or when your smartphone is connected to the Deco network (which is a trigger), the living room plug automatically turns on (which is an action). Then the kettle plugged into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

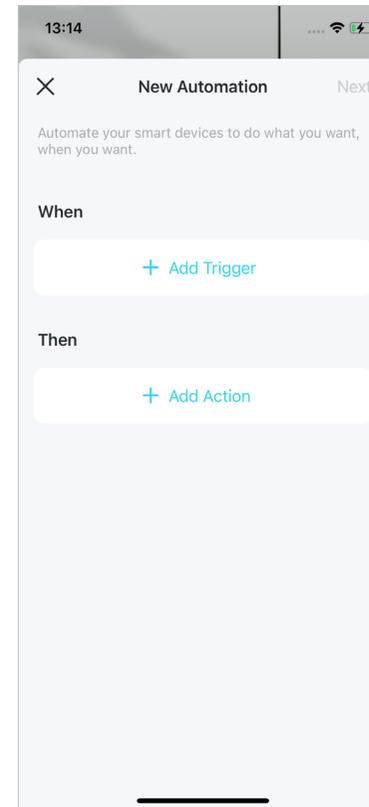
1. On the home page, swipe up and tap the Smart module.



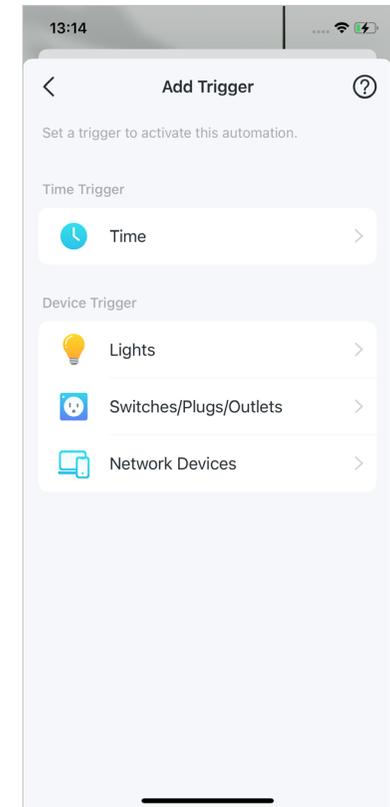
2. Tap + and select Add Automation.



3. Tap Add Trigger.

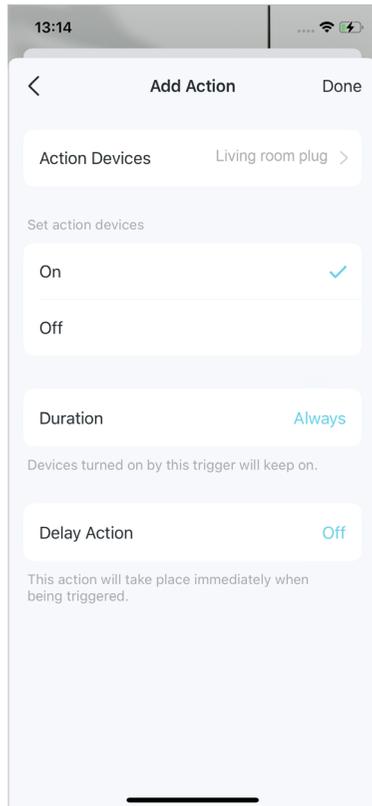


4. Set a time or device trigger to activate this automation.

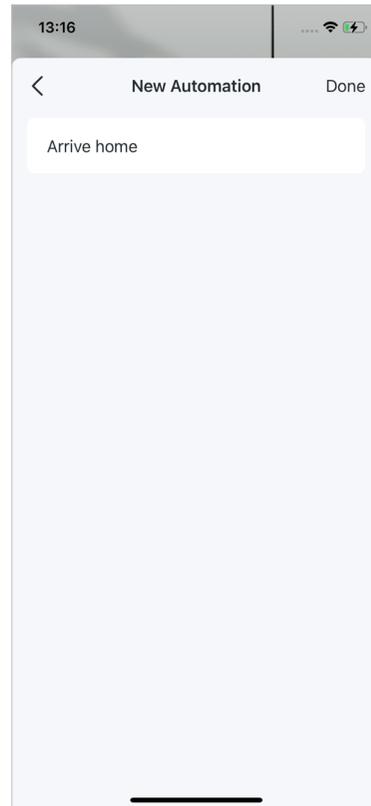


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

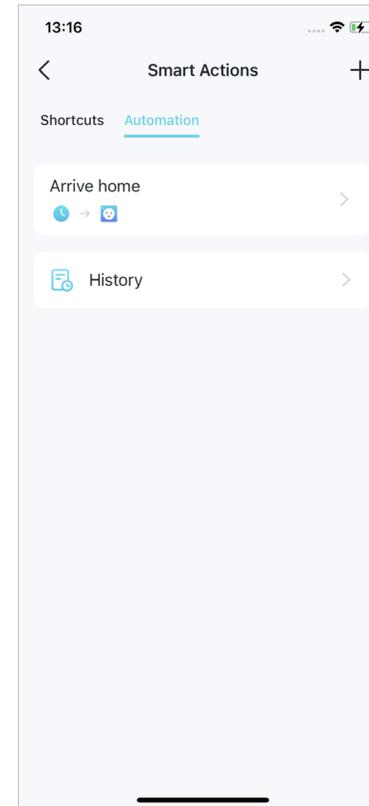
5. Add an action to be executed when triggered.



6. Name the automation.



Now the action will be executed when triggered.



Parental Controls

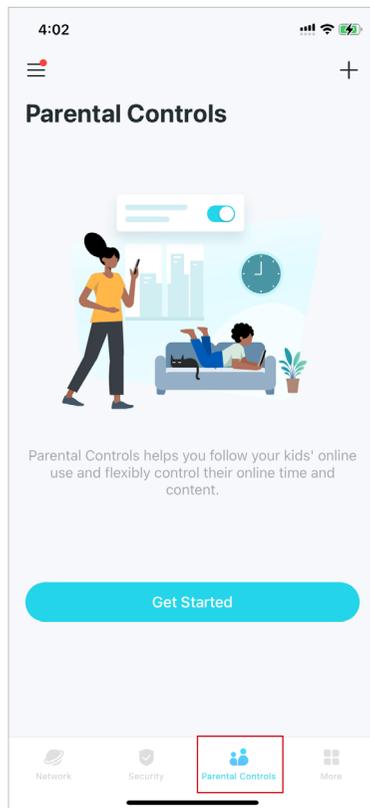
Parental Controls helps your kids maintain healthy digital habits.

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

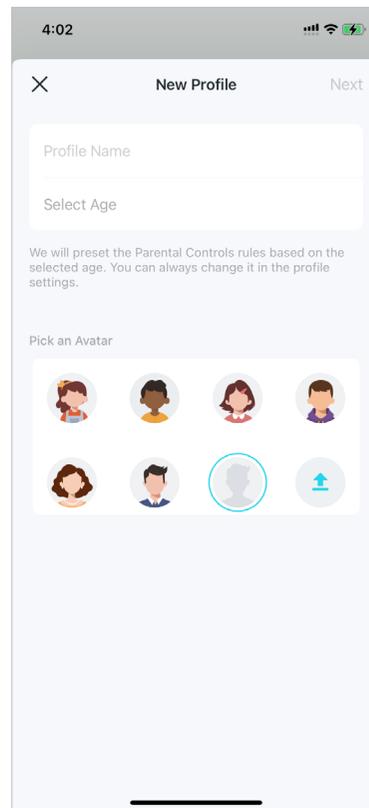
Create Profiles

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

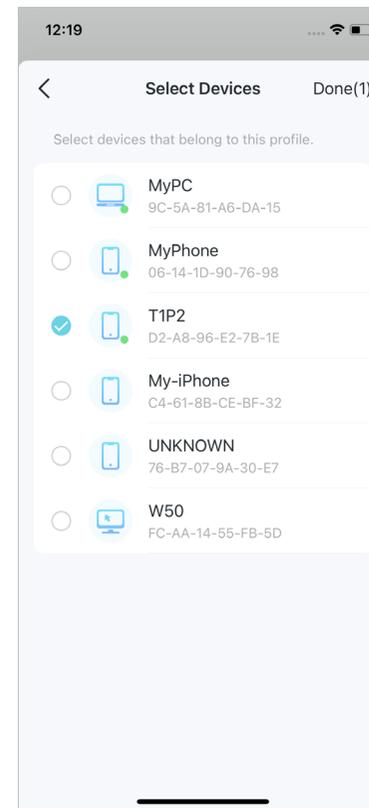
1. On the home page, tap **Parental Controls** and tap **Get Started**.



2. Create a profile for your kid.

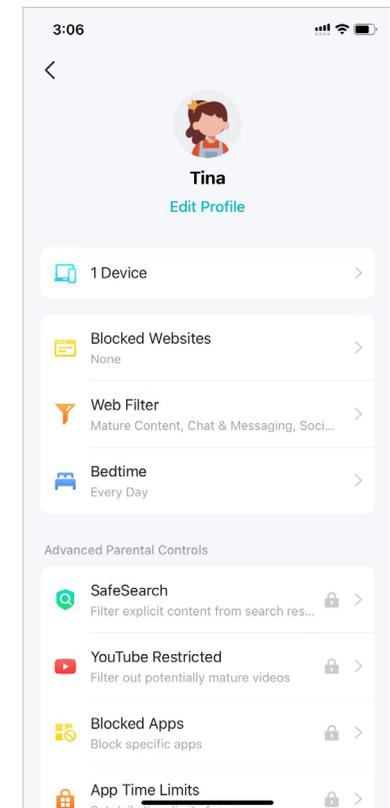


3. Select the devices belong to your kid.



4. Follow the instructions to complete the settings, then a profile will be created.

Note: Features with  is for Advanced Parental Controls users only.

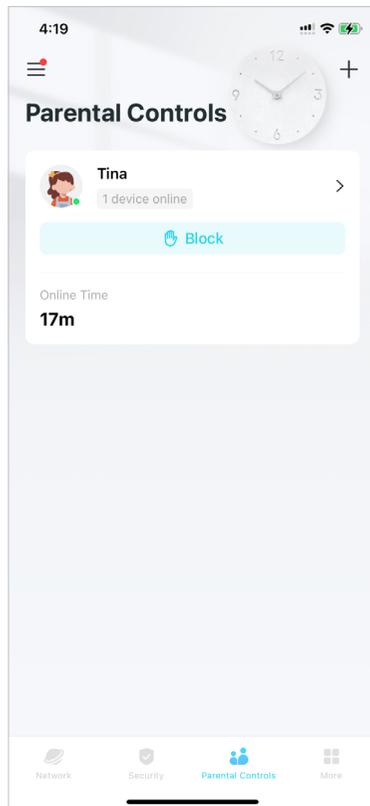


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

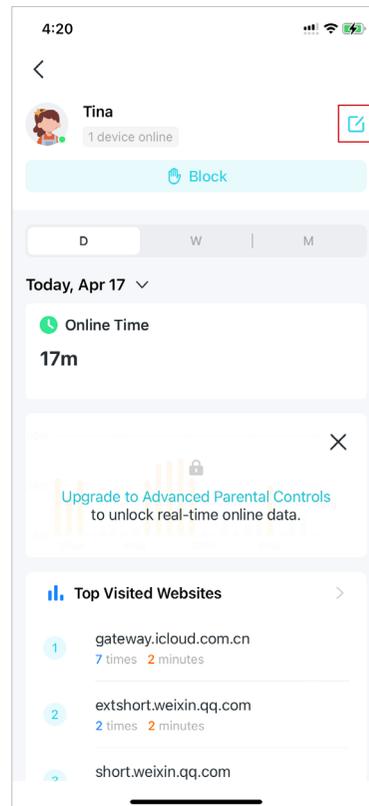
Manage Your Kids' Activities

You can use Parental Controls features to manage your kids online activities such as online time and content. Some features are for HomeShield Subscription Service users only. You need to upgrade to Advanced Parental Controls to use these features. Other features are free for use.

1. On the home page, tap **Parental Controls** and select your kid's profile.

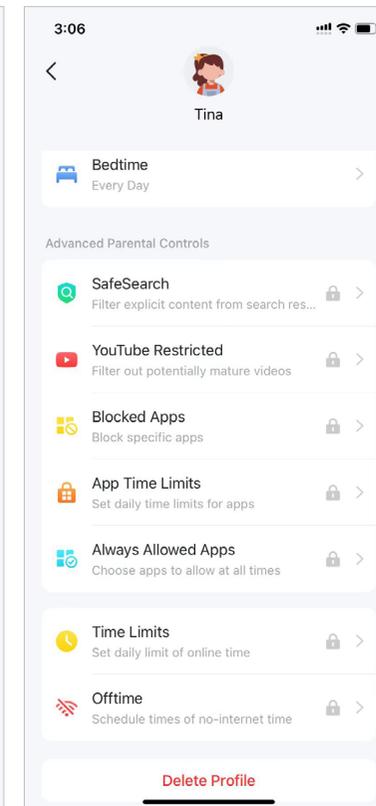
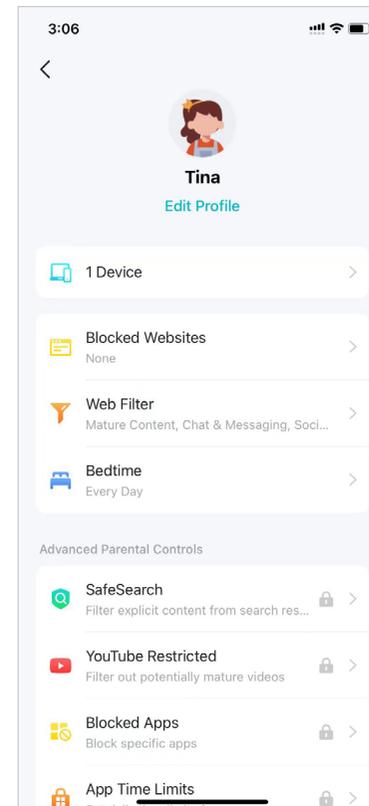


2. Tap the icon .



3. Manage the online activities for your kids.

Note: Features with  is for HomeShield Subscription Service users only. Please upgrade to Advanced Parental Controls to unlock more flexible settings.



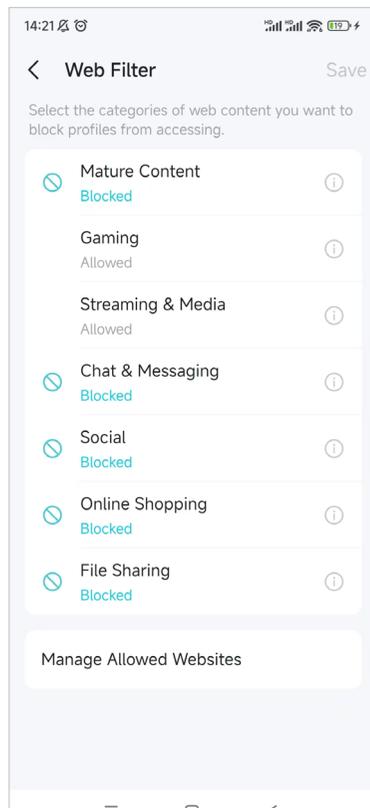
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

Features for all:

- Filter inappropriate content

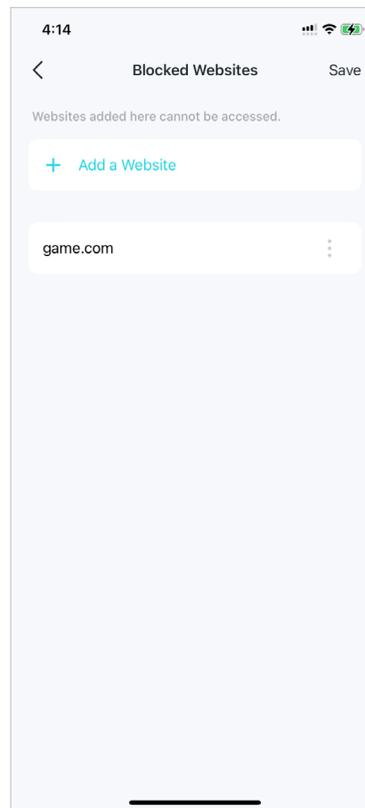
Tap [Content Filter](#). The categories selected here will be blocked from accessing.

You can add accessible exception sites in [Manage Allowed Websites](#).



- Block specific websites

Tap [Block Websites](#) and enter the websites you want to prevent the profile from accessing.

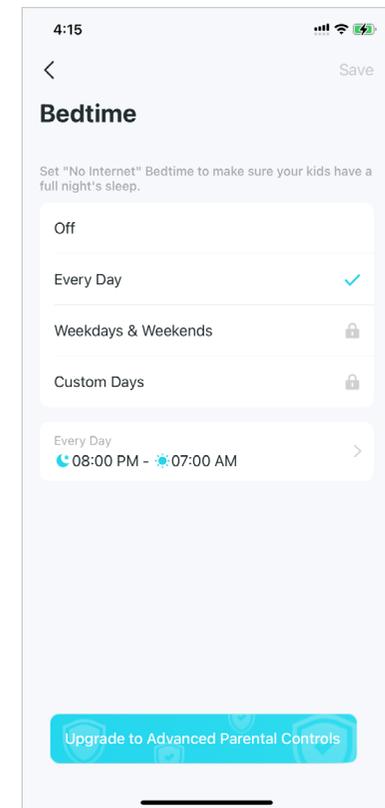


- Set "no internet" bedtime

Tap [Bedtime](#) and set a bedtime to prevent the profile from accessing the internet.

To set a more flexible bedtime, upgrade to Advanced Parental Controls.

Note: Features with  is for Advanced Parental Controls users only.



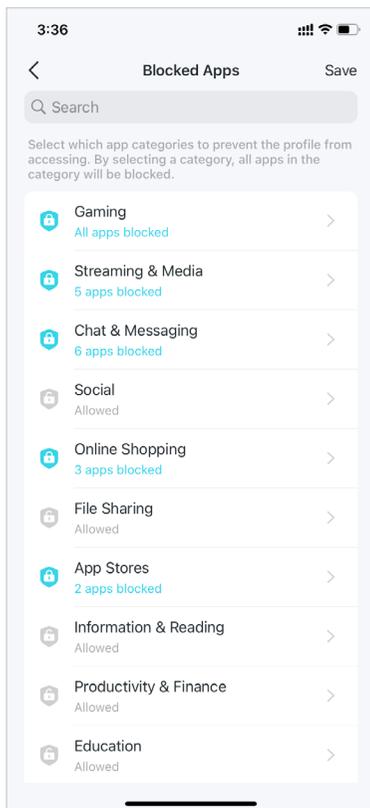
More Flexible Settings for Advanced Parental Controls users only:

- Block specific apps

Tap **Blocked Apps** and select the categories or apps to prevent the profile from accessing.

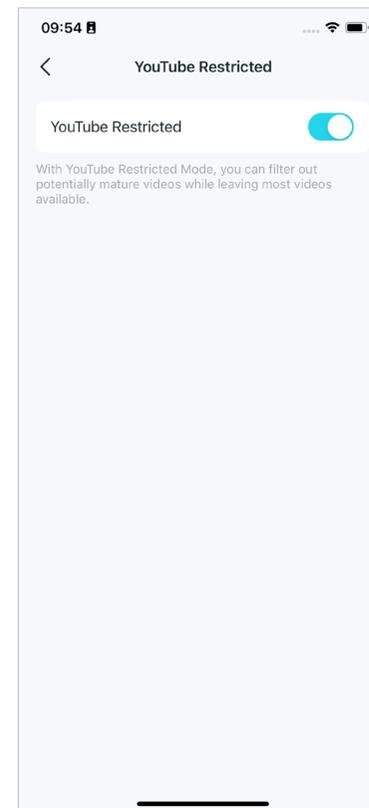
Note:

1. If you block an app category, new applications in that category after a firmware upgrade will also be blocked.
2. Only apps displayed in the list can be blocked. Apps not on the list will be allowed to access.
3. If you block apps that have been previously added to App Time Limits, the rules you set in App Time Limits will be ignored and these apps will be blocked.



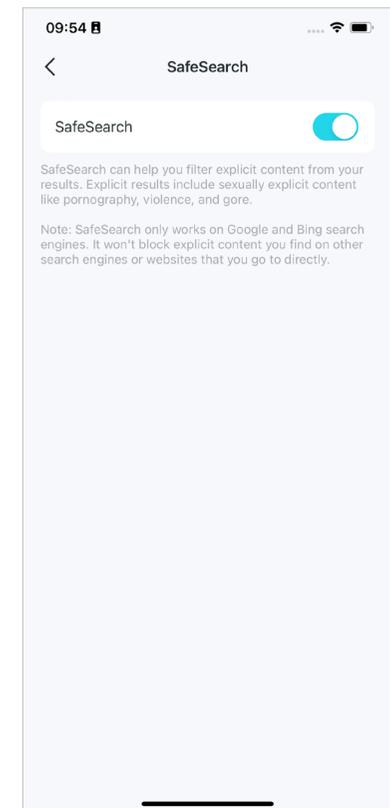
- Youtube Restricted

Youtube Restricted Mode filters out potentially mature videos while leaving most videos available.



- Safesearch

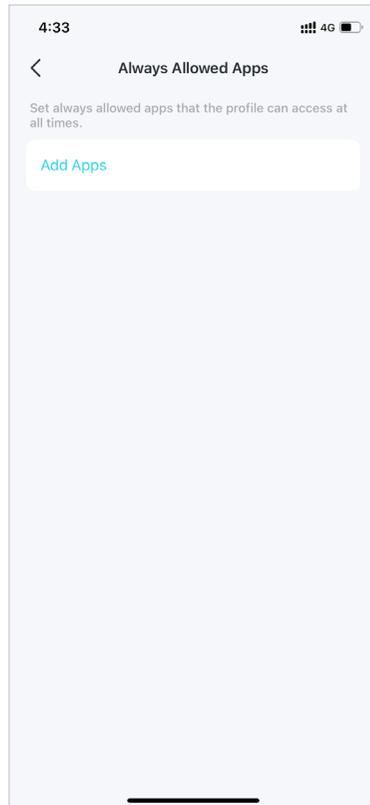
Safesearch helps you filter explicit content from your results.



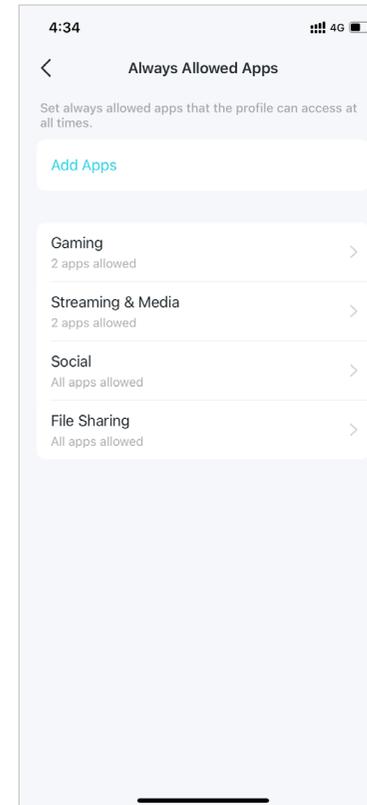
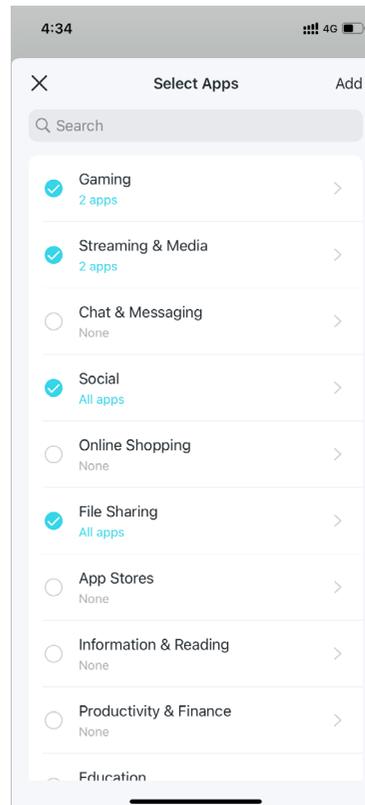
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

- Always Allowed Apps

1. Tap [Add Apps](#).

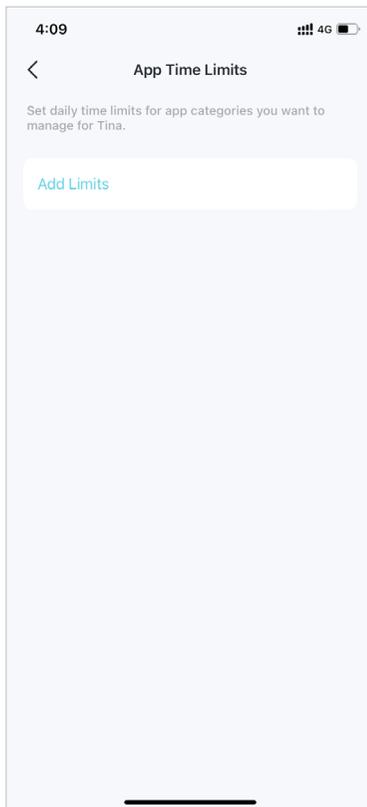


2. Select app categories or specific apps that the profile can access at all times, regardless of whether they were previously added to Blocked Apps or App Time Limits.

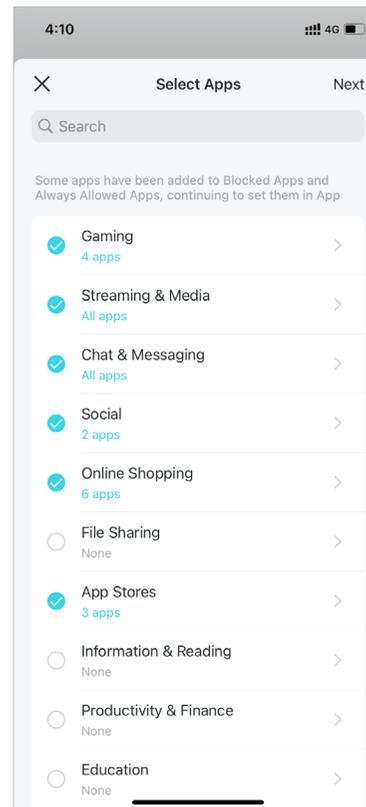


- App Time Limits

1. Tap [Add Limits](#).



2. Select app categories or specific apps.

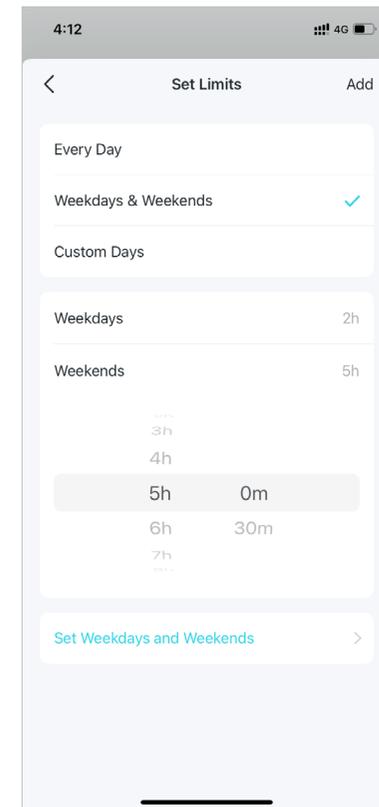


3. Set time limits for the selected apps and tap [Add](#) to save the settings.

Note:

1. If you set time limits for apps that have been previously added to Blocked Apps, these apps will be unblocked and follow the rules you set in App Time Limits.

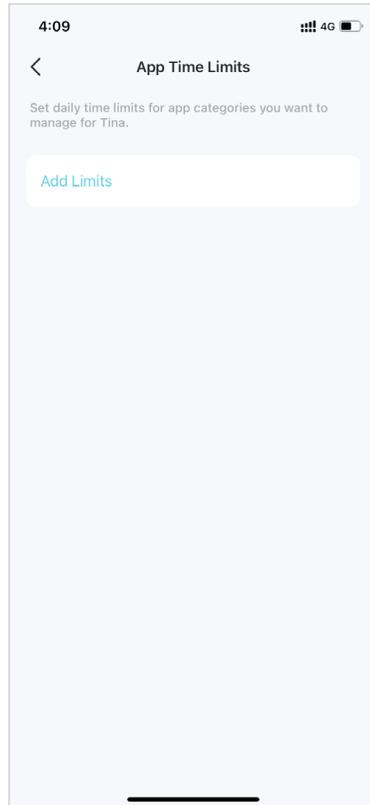
2. Time limits here refer to the time the device uses internet traffic. Activities that don't use traffic, such as single-player gaming and video buffering, are not included.



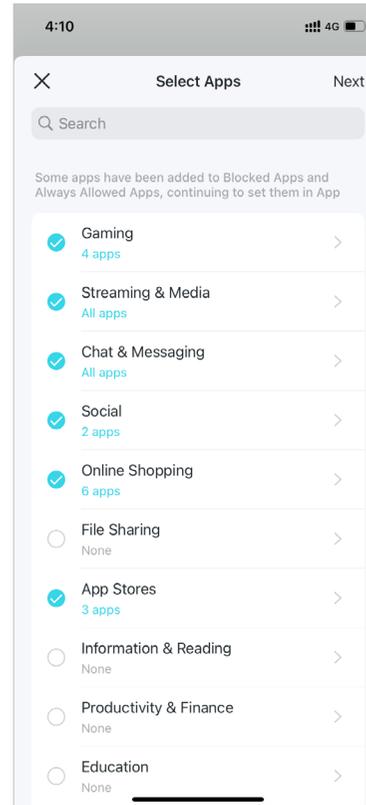
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

- Time Limits

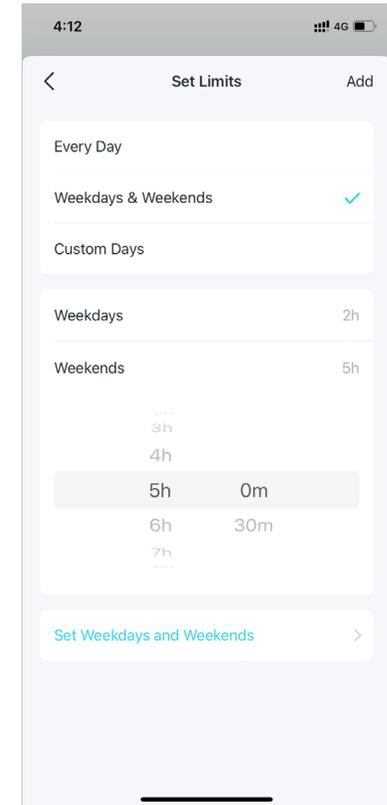
1. Tap [Add Limits](#).



2. Select apps you want to manage for the profile.



3. Set time limits for the selected apps and tap [Add](#) to save the settings.



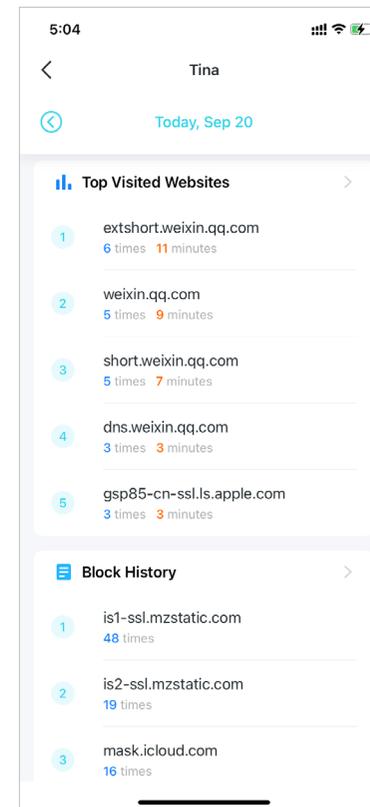
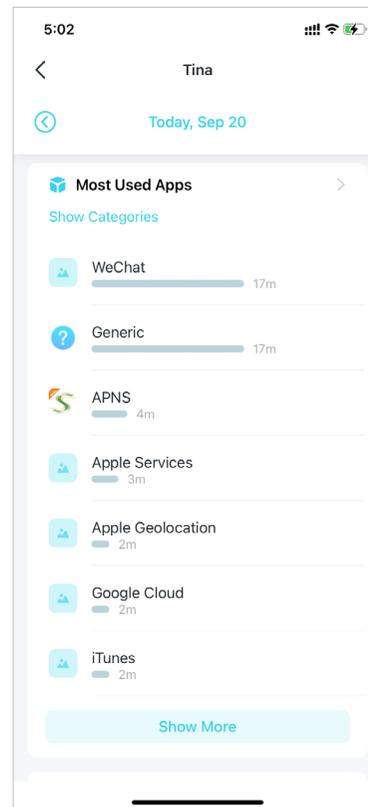
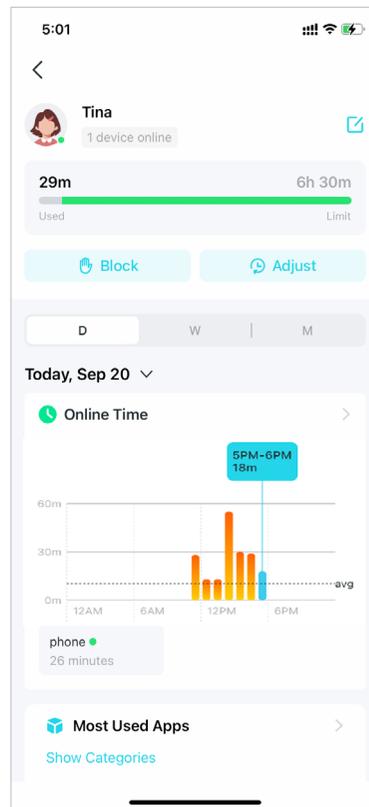
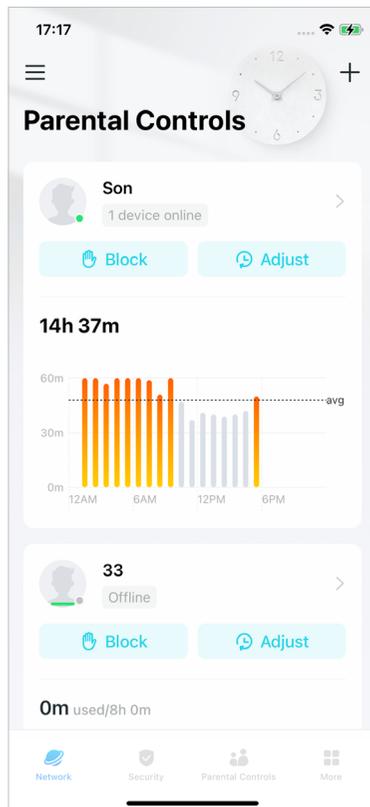
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

View Online Usage Data

With the created profiles, you can view intuitive charts and real-time detailed statistics concerning your kids' online usage.

Note: App usage data is for HomeShield Subscription Service users only. Upgrade to Advanced Parental Controls to see what apps your kids use and how much time they spend.

- 1. On the home page, tap [Parental Controls](#).
- 2. Tap a profile to check the online usage data such as most visited websites and most used apps, block history, and more.



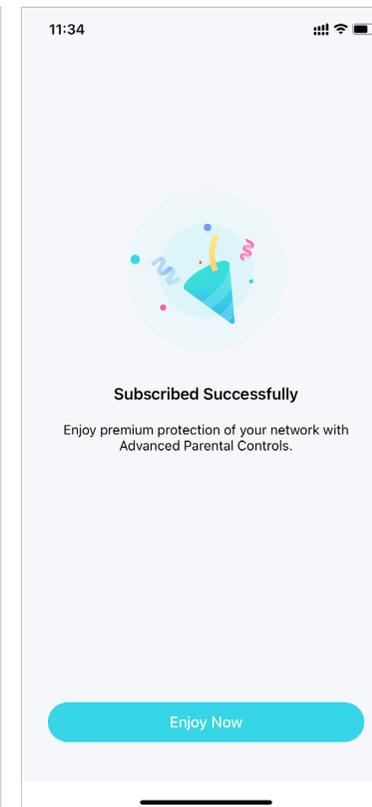
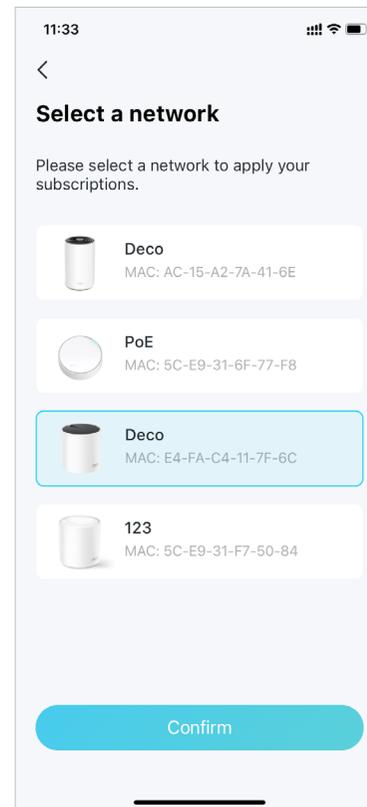
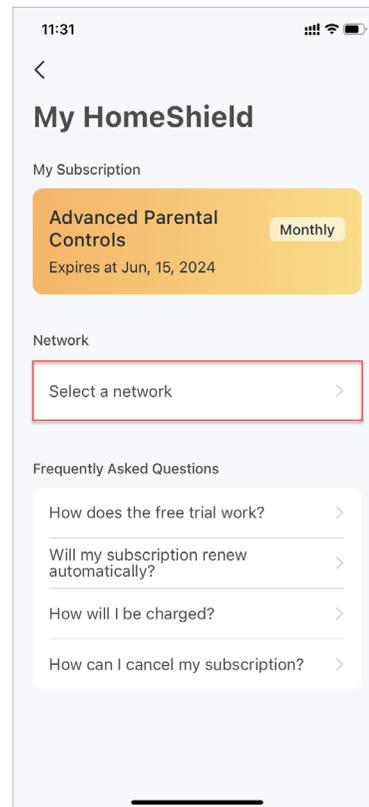
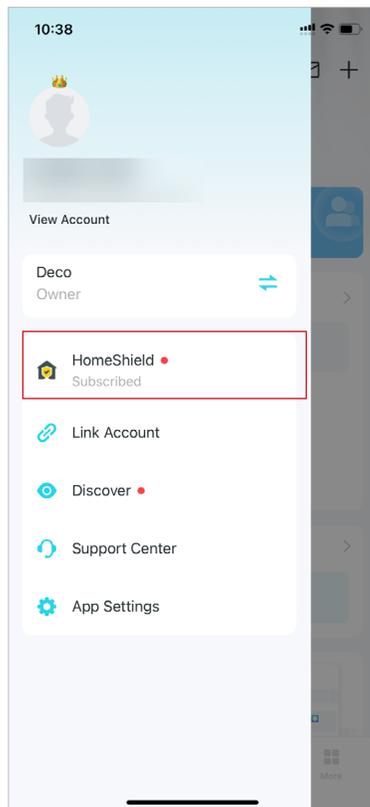
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

Set Up Family Time

Family time lets you enjoy a nice dinner, or share a fun movie with your family together by pausing the internet with one tap. Family Time is for HomeShield Subscription Service users only.

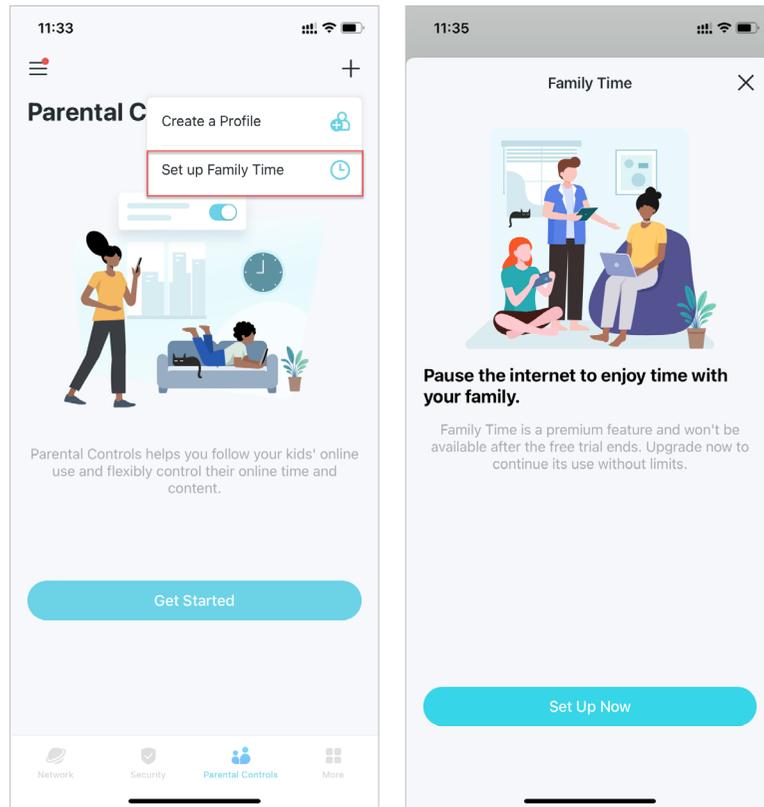
1. On the home page, swipe right to open the menu and select [HomeShield](#).

2. Select a desired network to apply Advanced Parental Controls.

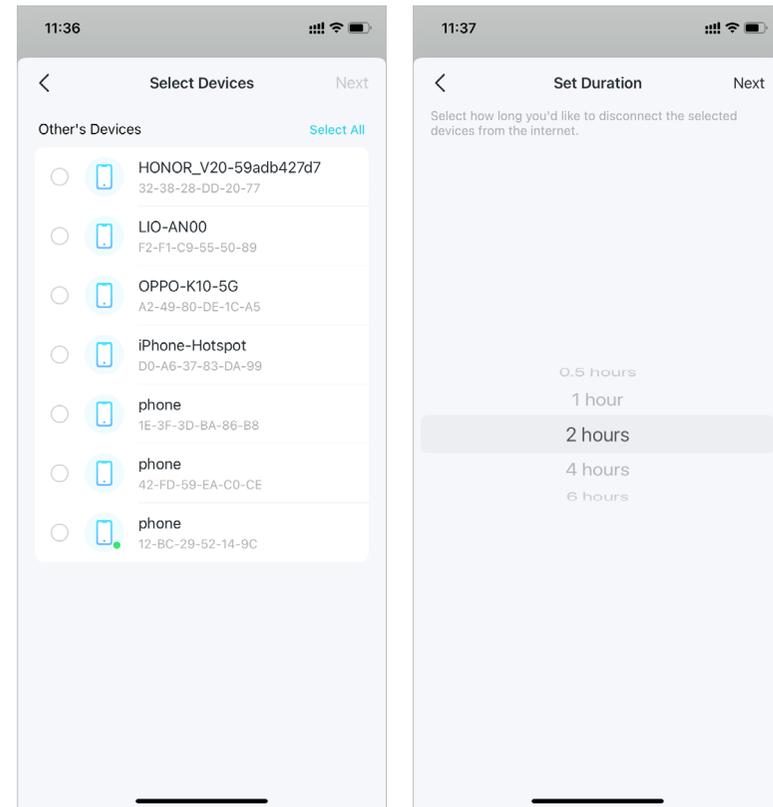


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

3. Open Deco app. Go to the **Parental Controls** tab and tap + > **Set up Family Time**. Then tap **Set Up Now**.

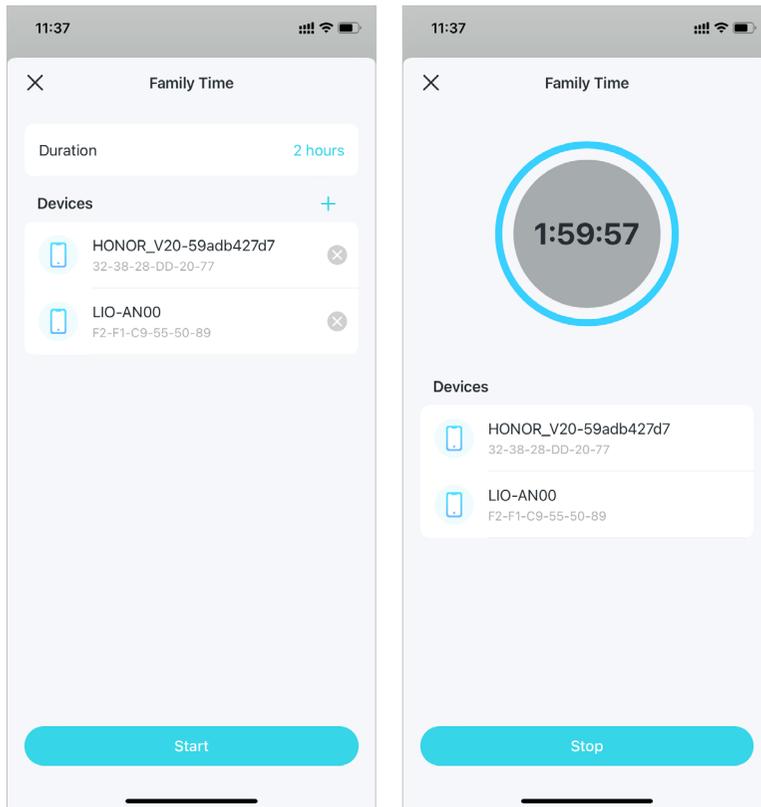


4. Add devices of the family member who you want to cut the internet and then set the time duration you want to have your family together without internet distractions.



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

5. Tap **Start** anytime you want to activate the family time. Tap **Stop** anytime when finished.



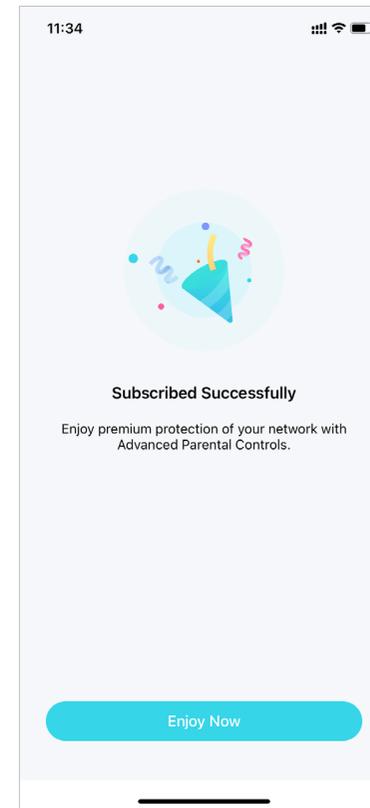
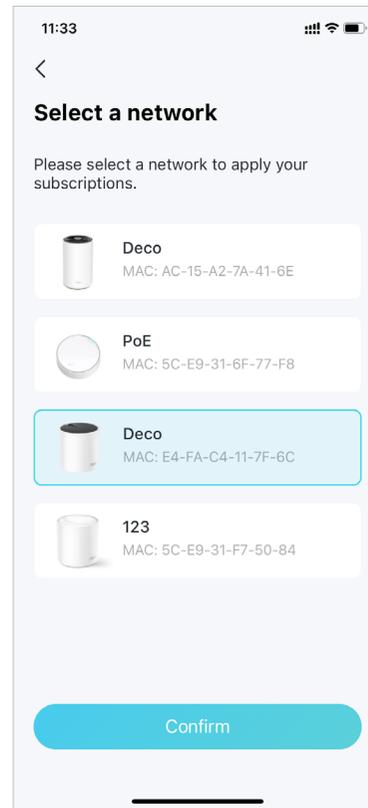
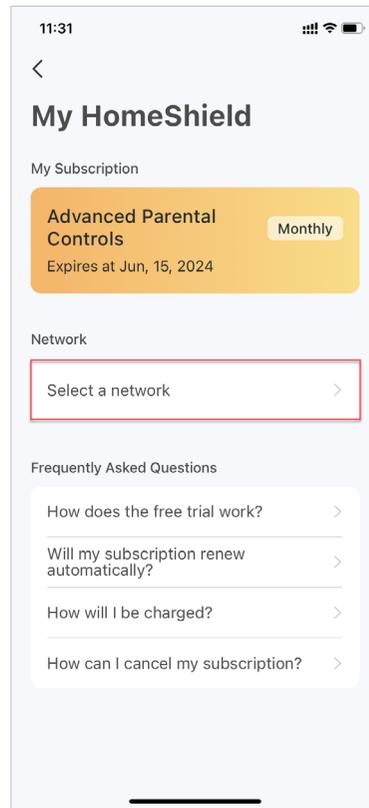
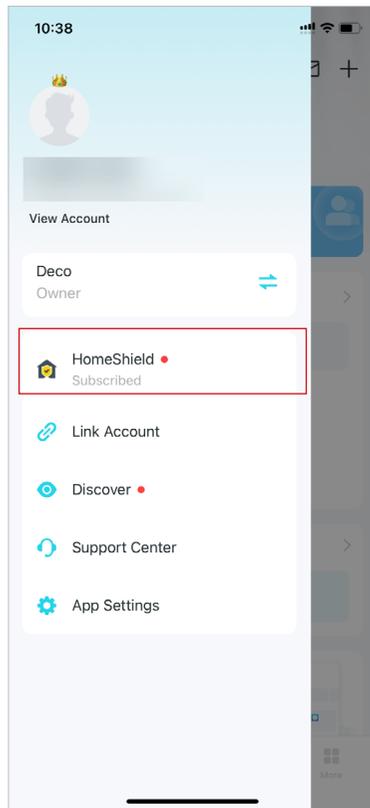
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

Grant Rewards

You can add extra online time as a reward for you kid' s good behavior. This feature is for HomeShield Subscription Service users only.

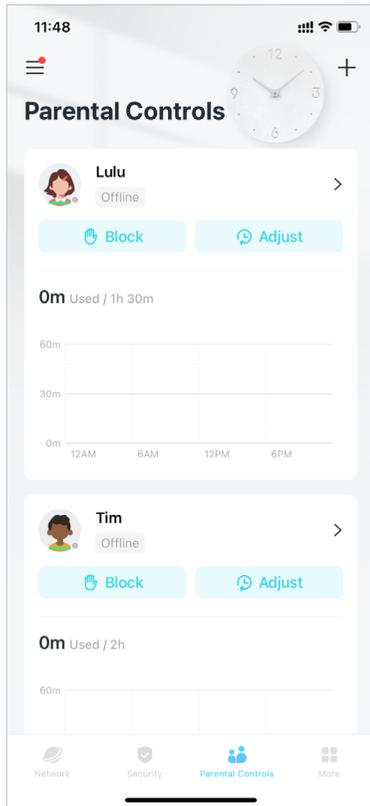
1. On the home page, swipe right to open the menu and select [HomeShield](#).

2. Select a desired network to apply Advanced Parental Controls.

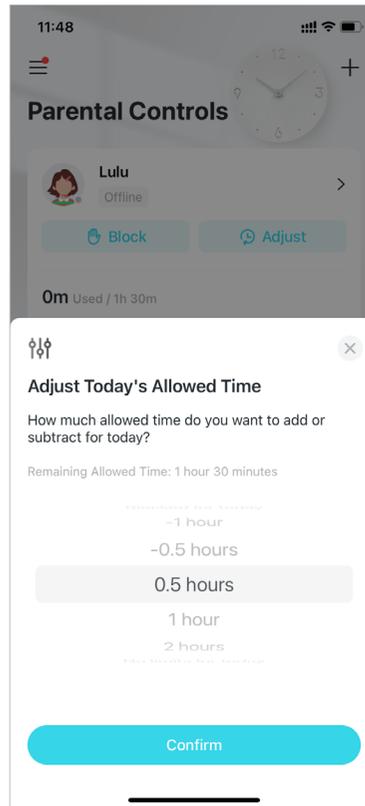


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

3. Go to the Parental Controls tab and select a profile.



4. Tap **Adjust** and select the allowed time you want to add for today.



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

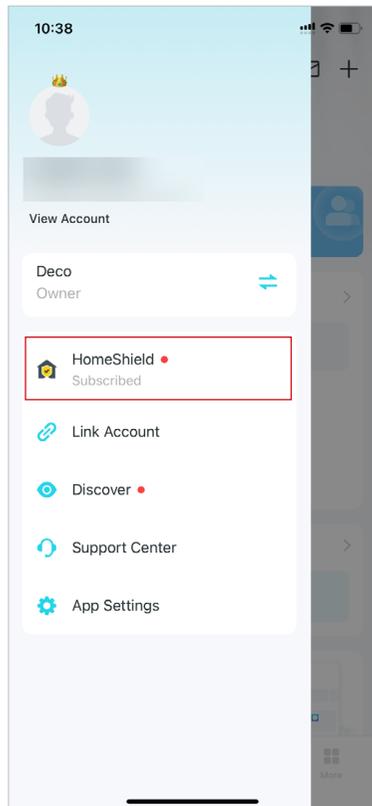
Network Protections

Real-Time Protection is for HomeShield Security+ users only. After subscribing to HomeShield Security+, you can protect your network safe from attacks by blocking malicious websites, identify potential threats, and blocking hackers from access your devices.

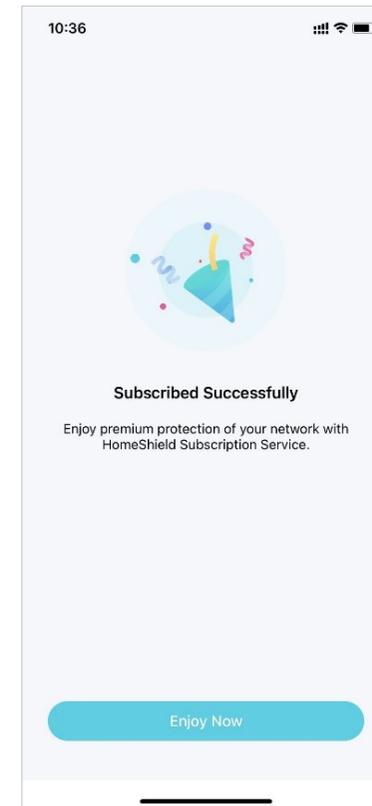
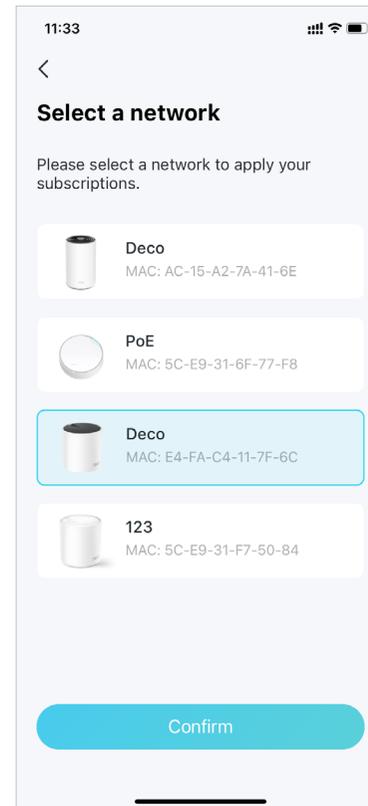
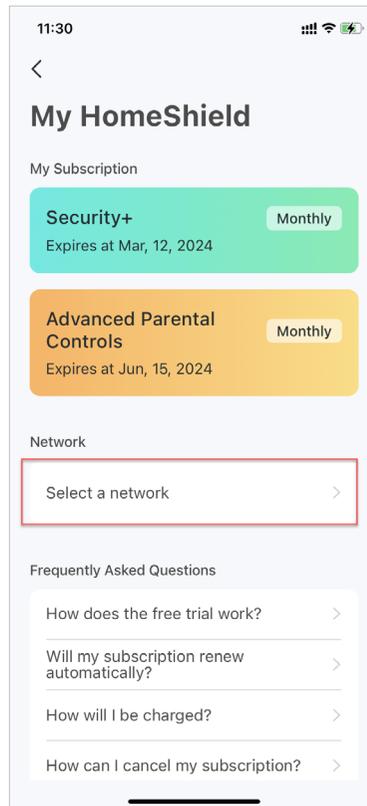
Enable Security+ Protection

Real-Time Protection is for HomeShield Security+ users only. Before using this, refer to [Subscribe to HomeShield Service](#) to update to HomeShield Security+ Service.

1. In the homepage, swipe right to open the menu and select [HomeShield](#).

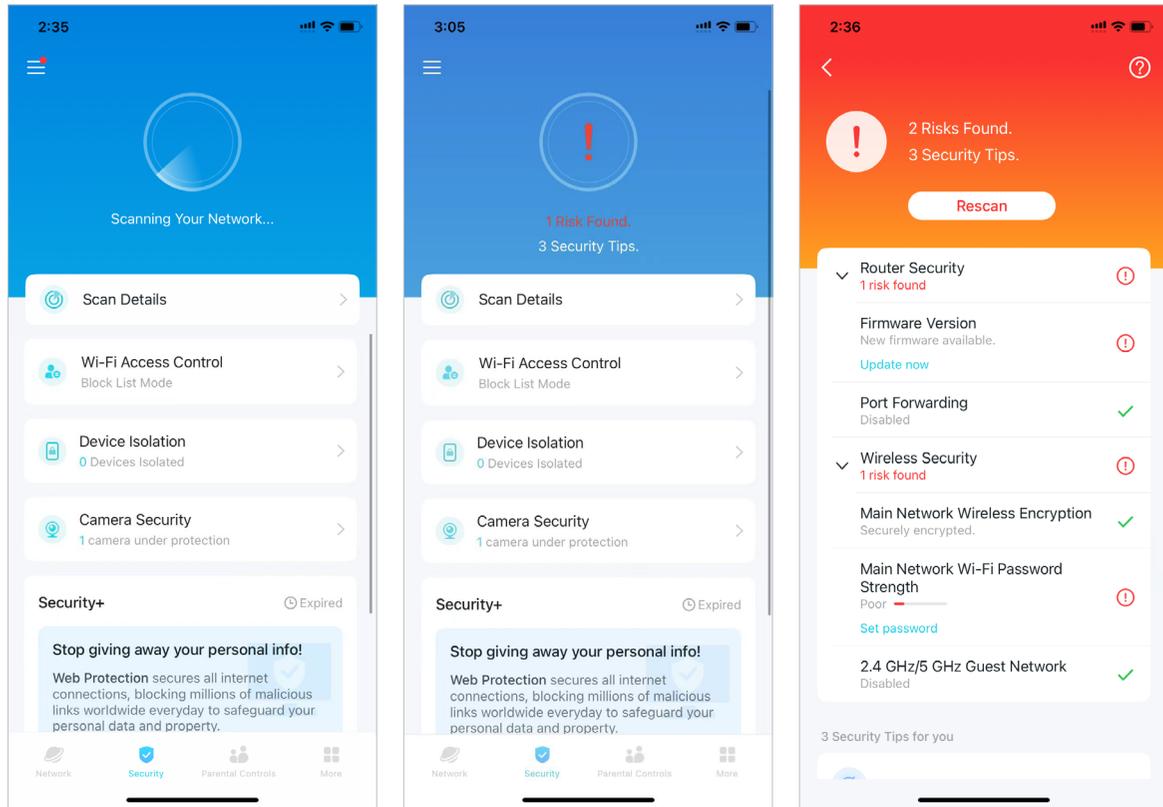


2. Select a desired network to apply Security+.

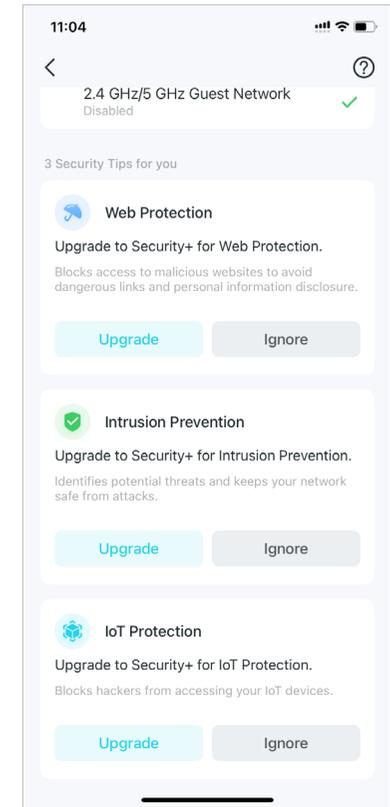


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

3. Go to the **Security** tab. Your Deco will scan automatically. You can tap **Scan Details** to check the security details such as wireless security or blocked threats and optimize the settings.



4. Upgrade to Security+ for more protections as below.

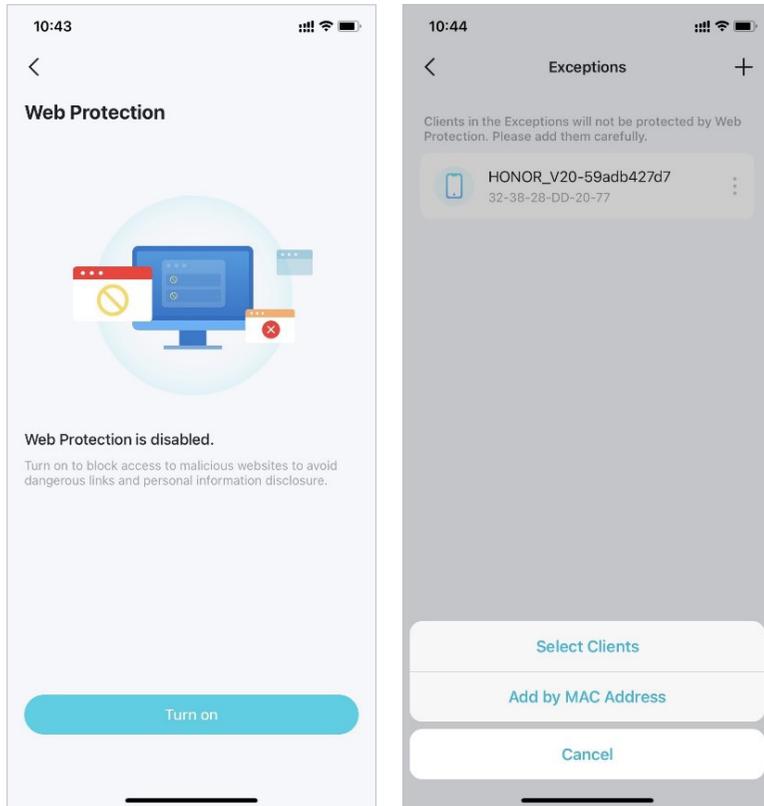


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

- **Web Protection**

Turn on Web Protection to block access to malicious websites to avoid dangerous links and personal information disclosure.

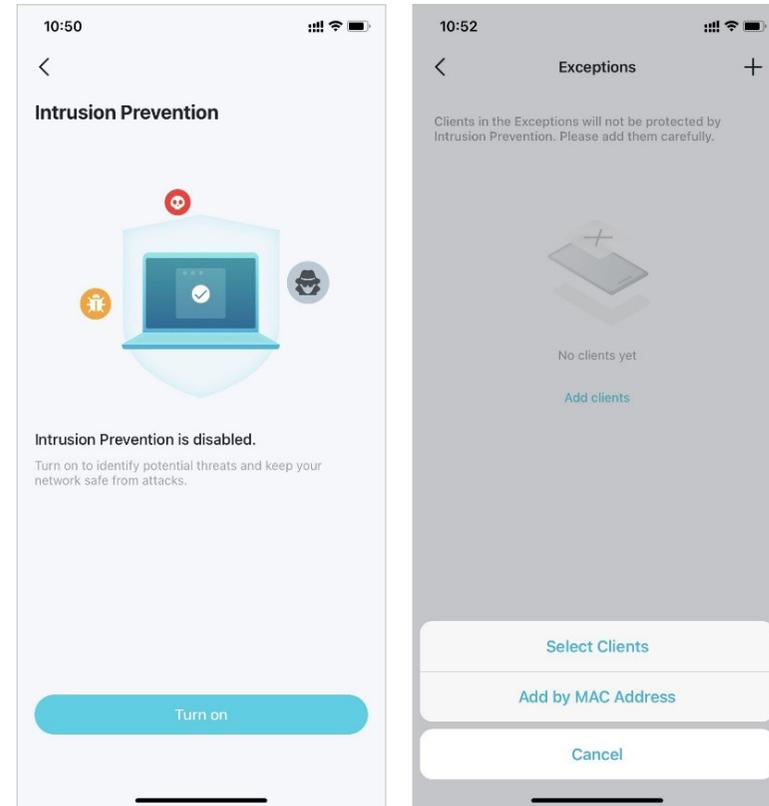
You can add clients to Exceptions to opt out of the protection.



- **Intrusion Prevention**

Turn on Intrusion Prevention to identify potential threats and keep your network safe from attacks.

You can add clients to Exceptions to opt out of the protection.

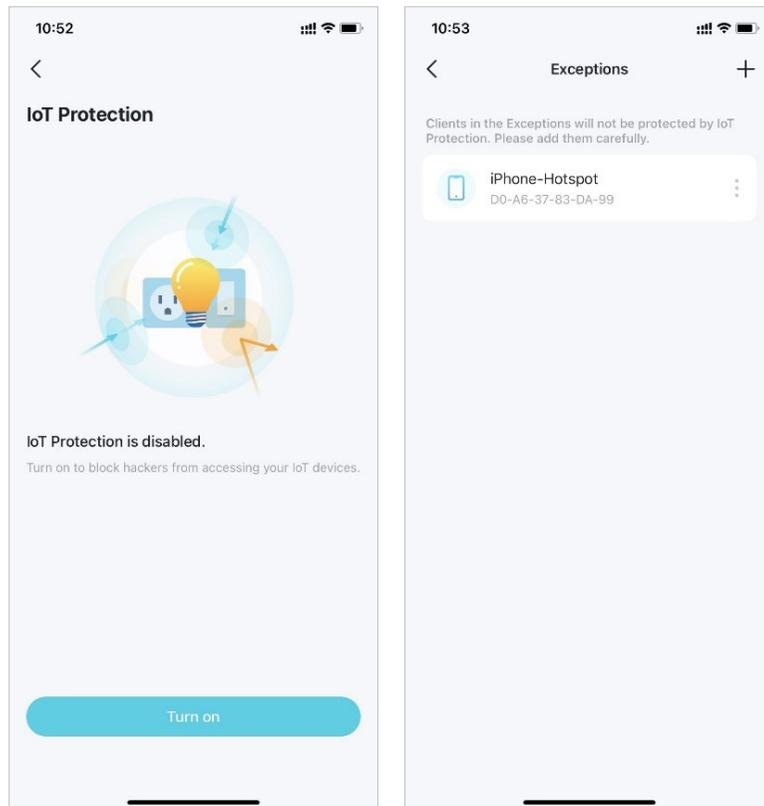


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

- **IoT Protection**

Turn on IoT Protection to block hackers from accessing your IoT devices.

You can add clients to Exceptions to opt out of the protection.

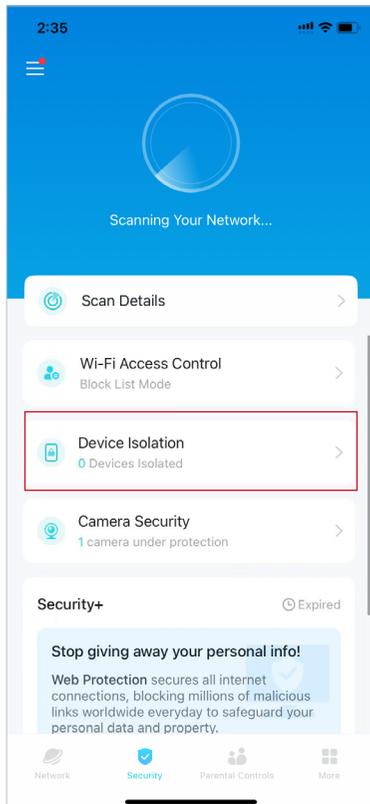


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

Device Isolation

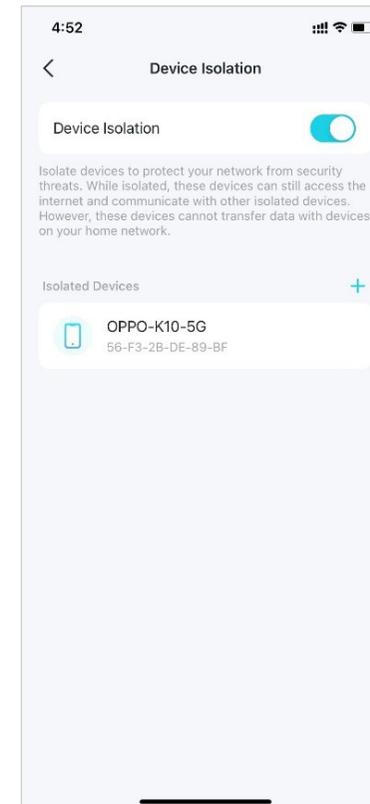
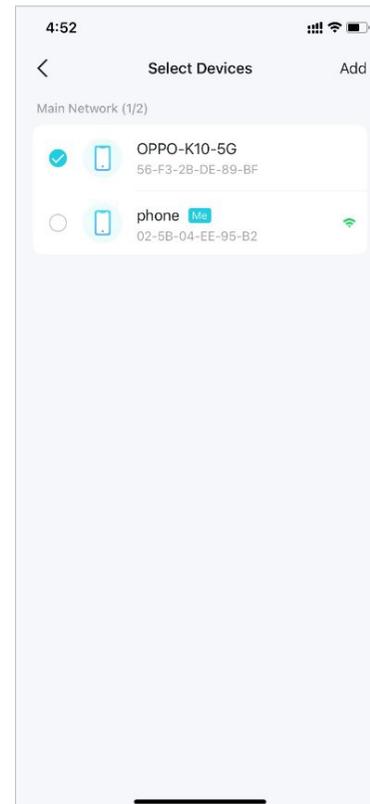
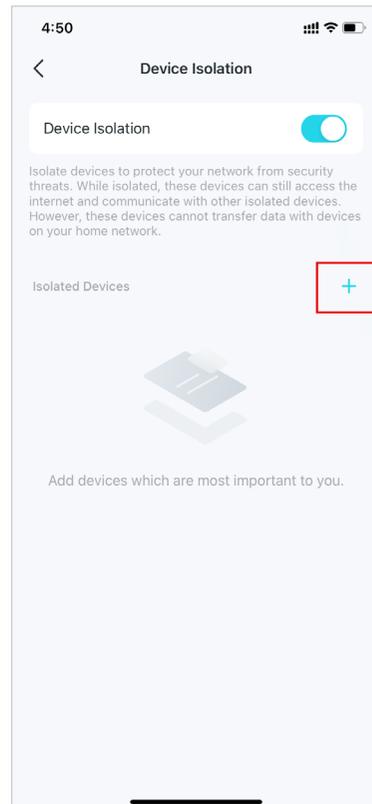
Isolating Your Devices will minimize the potential for potential third parties to gain access to data or devices on your network and will limit the impact of a breach or malware to only some devices. Also, some IoT devices may often consume large portions of your network's bandwidth. Isolating these devices will prevent them from affecting the overall performance of the devices connected to your home network and will allow your router to better allocate and manage bandwidths for the connections.

1. In the homepage, go to the **Security** tab and tap **Device Isolation**.



2. Enable **Device Isolation**. Then tap **+** to add the devices that you would like to be isolated from your main network.

Then the device will appear in the Isolated Devices list. While isolated, the devices can still access the internet and are able to communicate with other isolated devices. However, isolated devices cannot transfer data with devices on your home network, including managing gateway devices, accessing USB devices, etc.

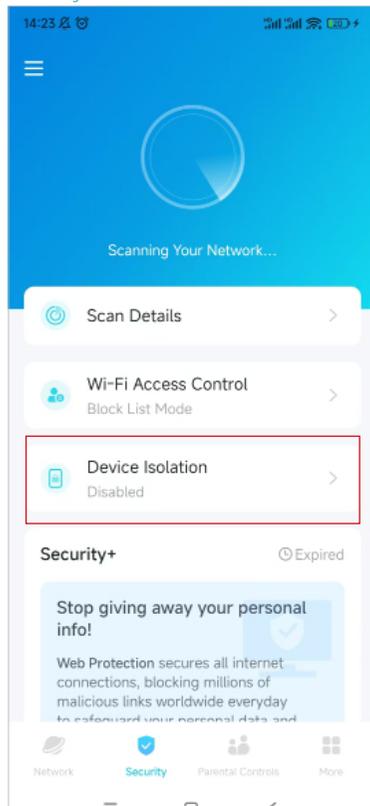


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

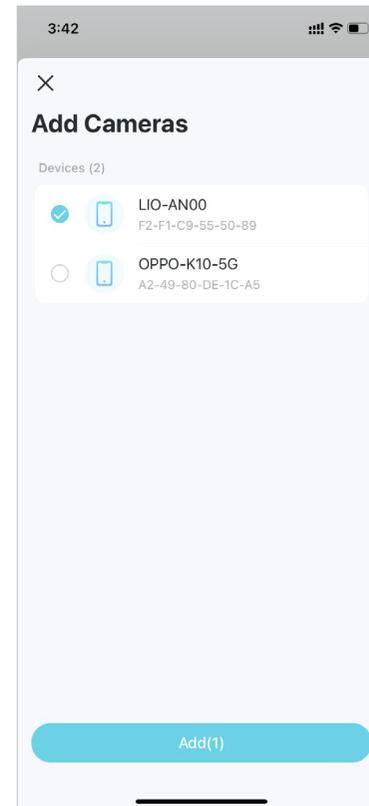
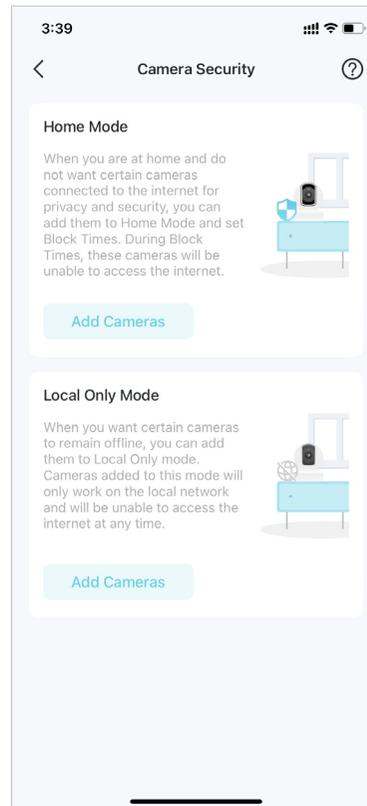
Camera Security

Camera Security ensures your privacy at home by blocking your camera from accessing the internet at certain times or all the time.

1. In the homepage, go to the [Security](#) tab and tap [Camera Security](#).



2. Choose a mode and add cameras to apply the mode.

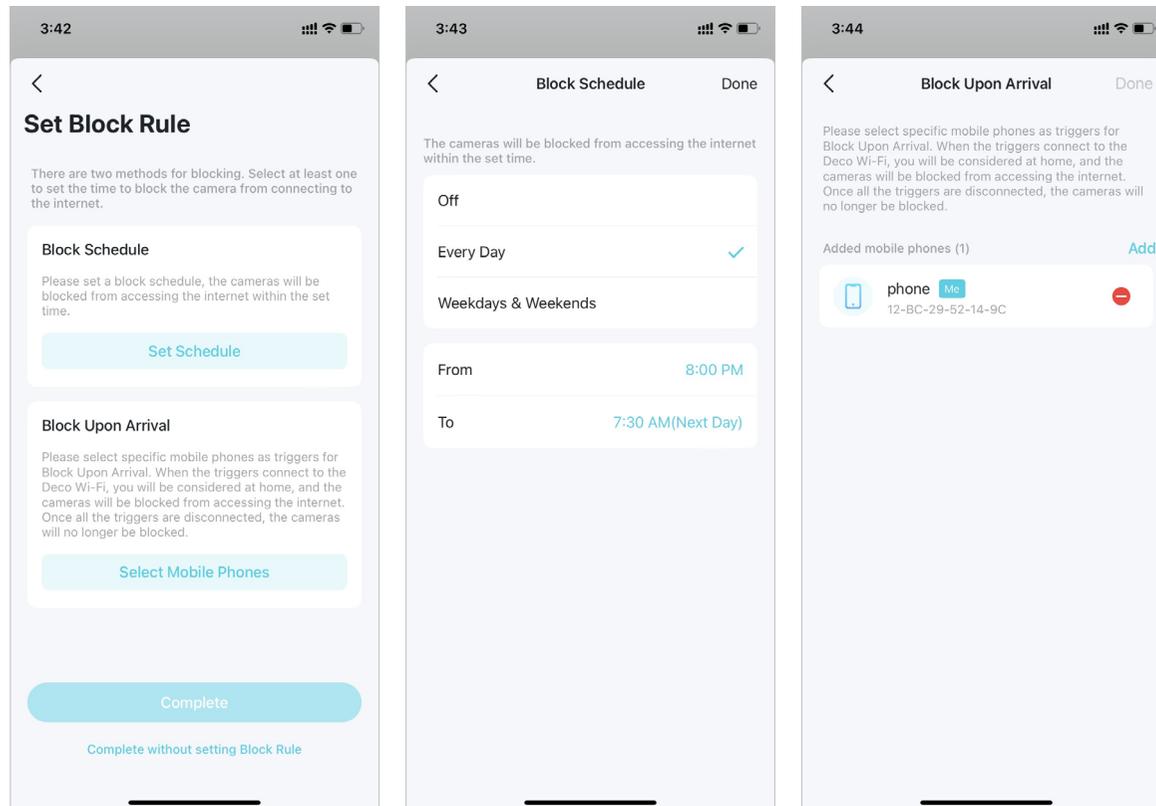


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

Home Mode

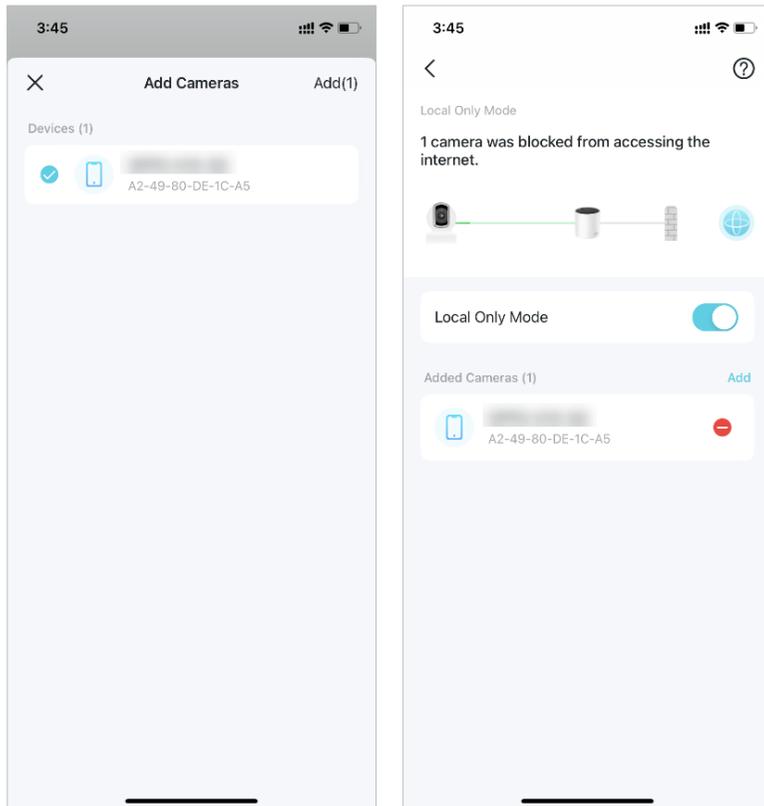
Cameras in Home Mode cannot access the internet during block times. You can set block times in the following two ways:

- **Set a Block Schedule:** Set times when the cameras will be blocked from the internet.
- **Block Upon Arrival:** Set mobile phones that once connected to Deco's Wi-Fi, the cameras will be blocked from accessing the internet.



Local Only Mode

Cameras in Local Only mode will only work on the local network and cannot access the internet all the time. You can turn it off at any time to let the camera connect to the internet again.



More Features

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

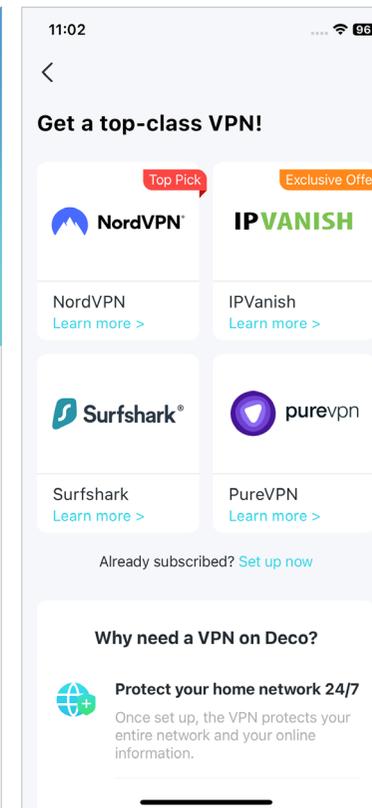
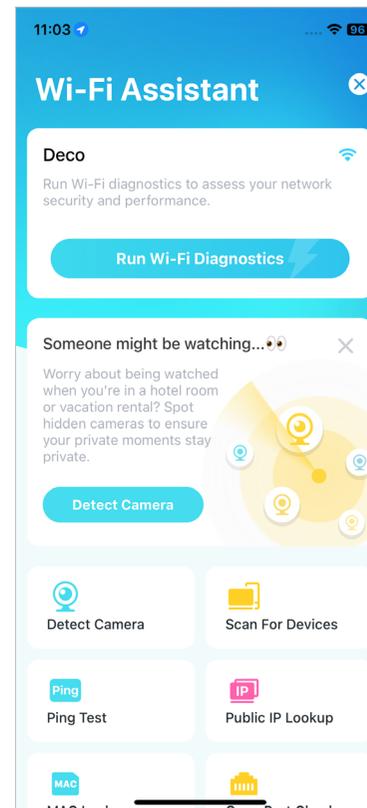
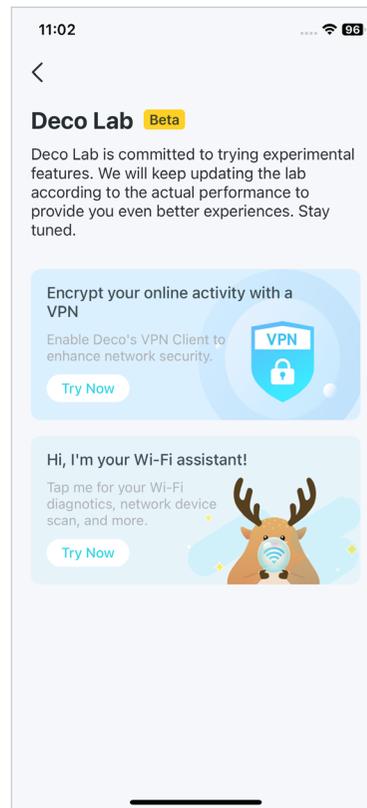
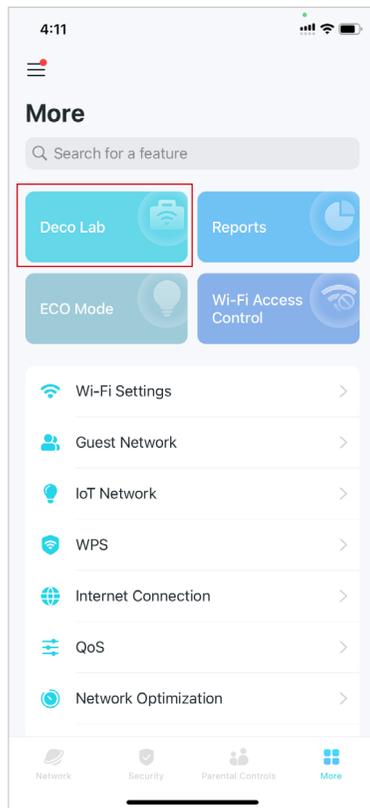
 **Tip:** You can use the search box on the [More](#) page to quickly find the features you need.

Test Features at the Deco Lab

Deco app includes a built-in Deco Lab, which is committed to trying experimental features. It keeps updating the lab according to the actual performance to provide even better experiences.

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

2. Check and test the in-development features. Now Wi-Fi Assistant and VPN Client are available for use.

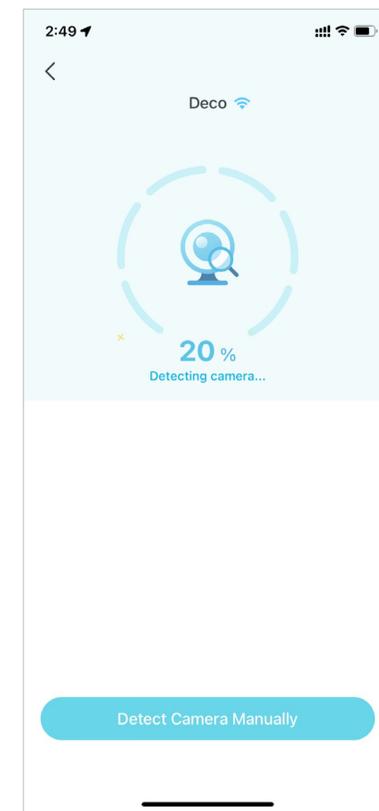
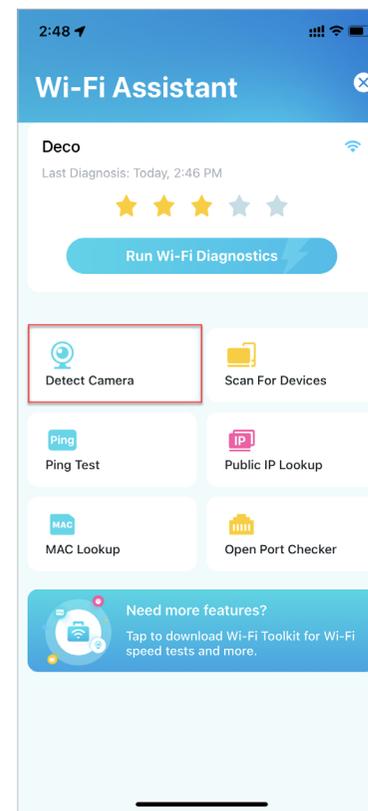
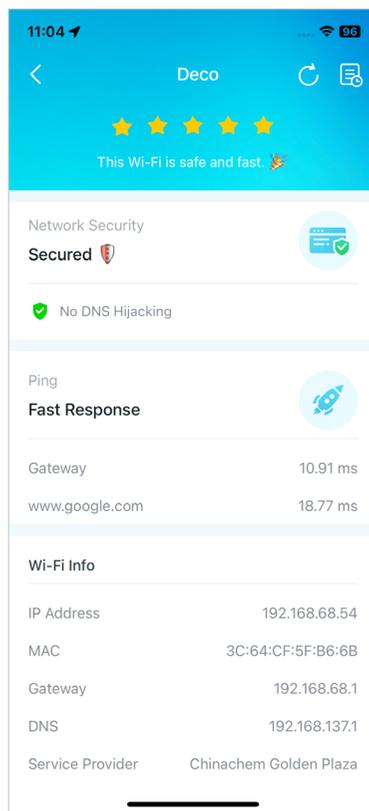
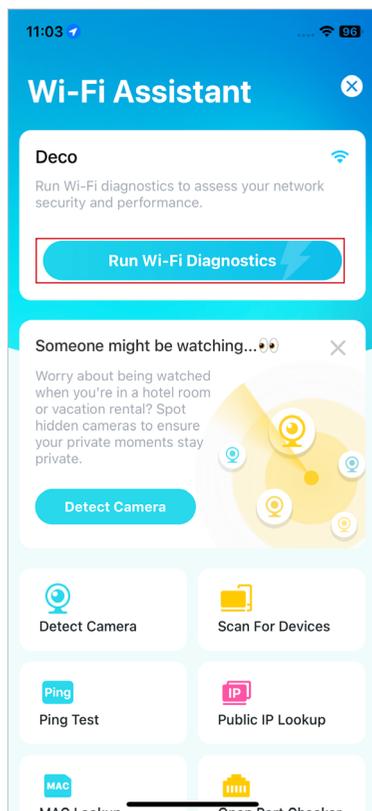


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

Wi-Fi Assistant

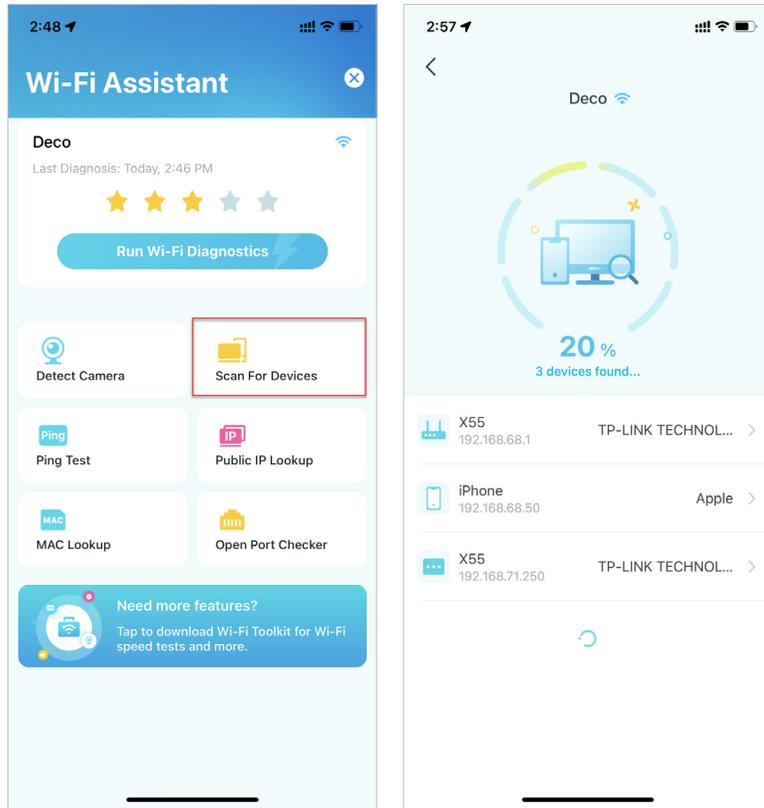
Use Wi-Fi Assistant for your Wi-Fi diagnostics and network device scan. You can also check how other Wi-Fi networks are impacting your Wi-Fi, the surrounding cameras, the vendor information for a known MAC address, and ISP information for a known IP address.

- **Wi-Fi Diagnostics:** Run Wi-Fi Diagnostics to access your network security and performance. The Deco app will automatically check your network's signal strength, security, Ping result, wireless interference, etc.
- **Detect Camera:** The Deco app can automatically scan all the cameras in your network. You can also follow app instructions to detect camera manually to check if there are any cameras in your house.

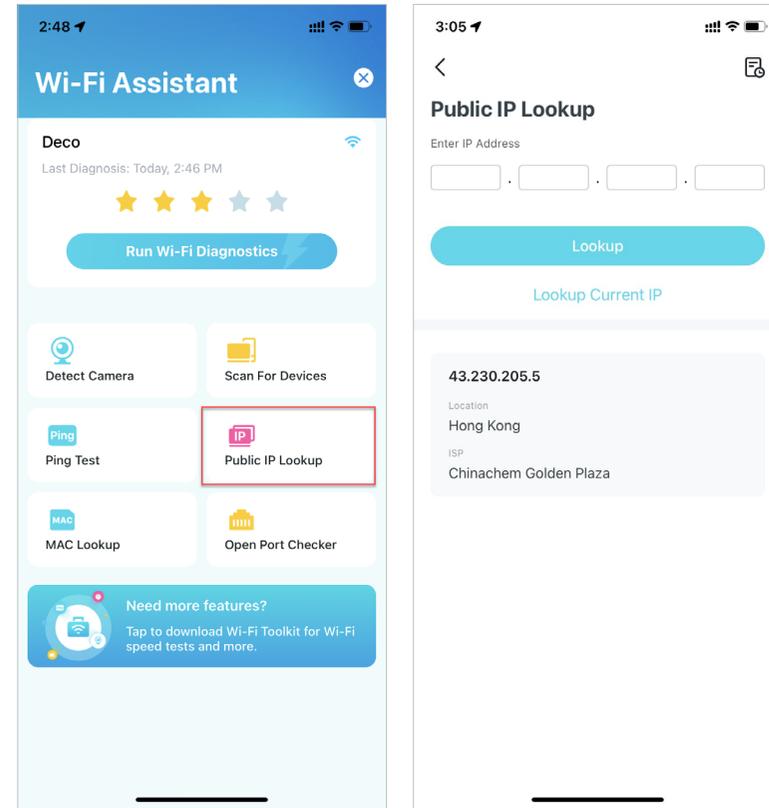


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

- **Scan for Devices:** Let Deco app scan all the connected devices in your network.

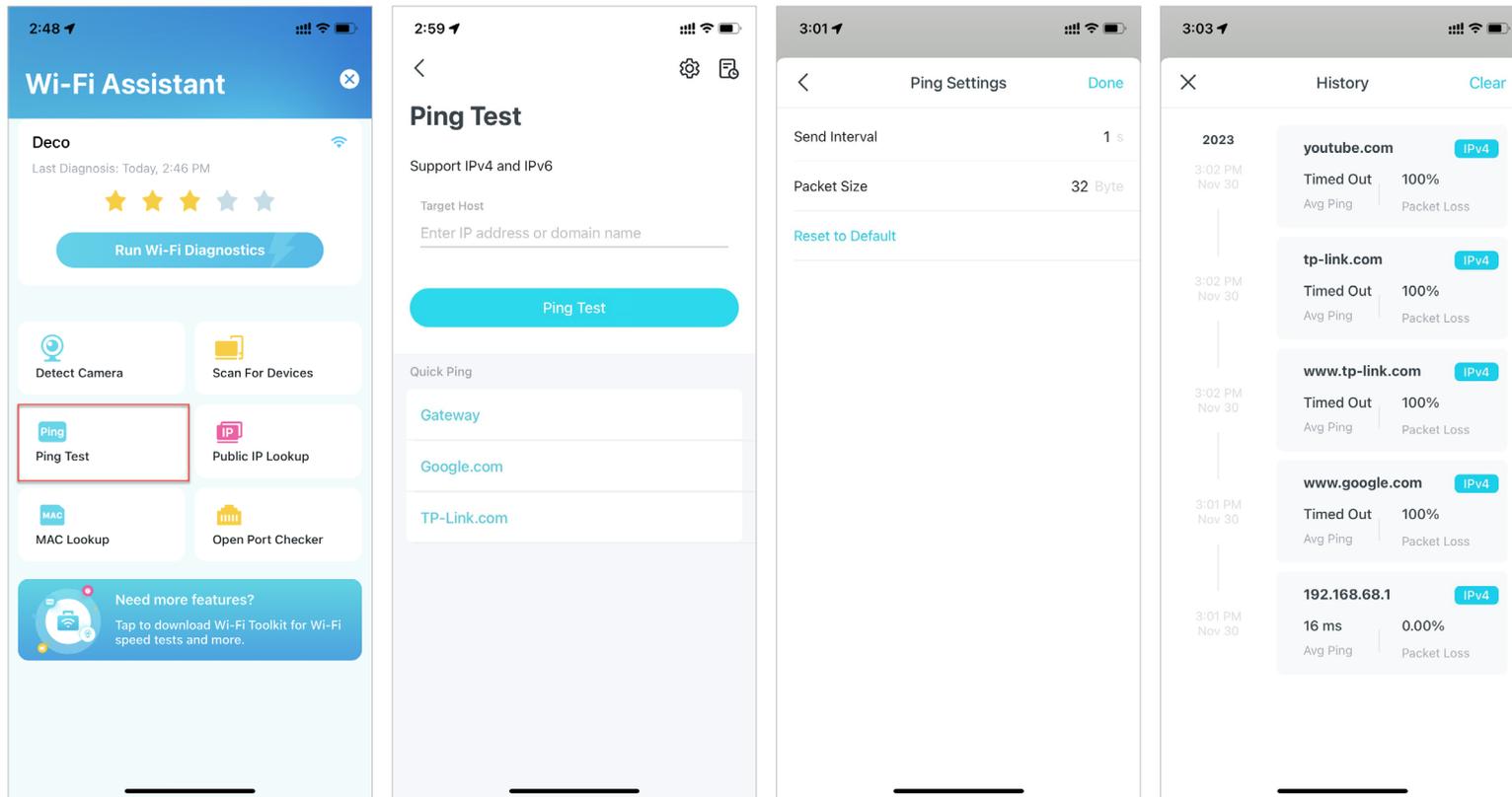


- **Public IP Lookup:** Query tool to query the network information of the current network or the network information of a specific IP address. You can type in a specific IP address to check the location and the ISP information or click Lookup Current IP to check the information of your network if the Internet address of your network is a public address. In the upper right corner of this page, you can view the history.



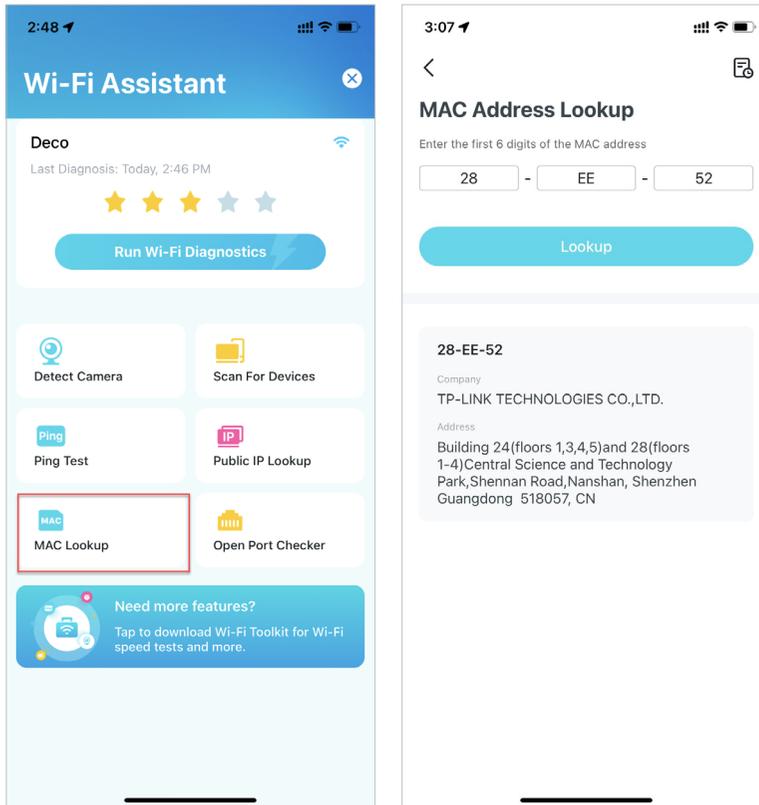
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

- **Ping Test:** Ping test on the specified server to view real-time packet loss and latency data. In the upper right corner of this page, you can set the send interval and packet size or view the history.

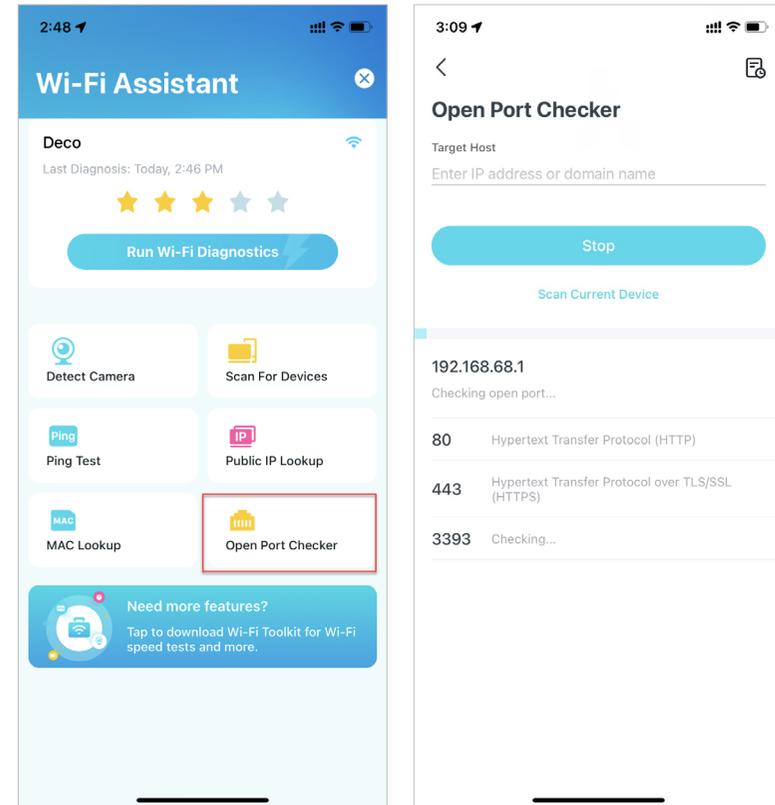


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

- **MAC Lookup:** Query tool for relevant vendor information based on MAC address. You can type in a specific MAC address (first six letters) to check the vendor information of the device.



- **Open Port Checker:** You can type in a specific IP address to check the opened ports of this server or click [Scan Current Device](#) to check the opened ports of your router.



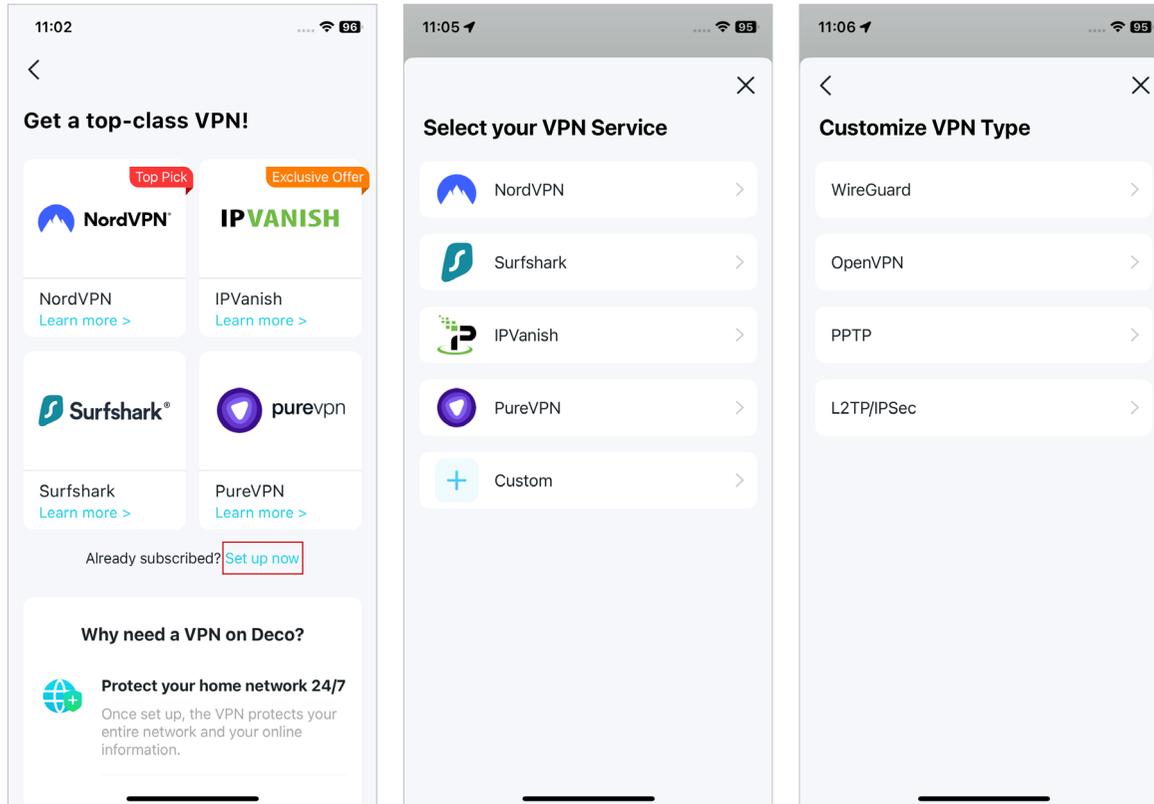
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

VPN Client

Get a top-class VPN and encrypt Deco's VPN Client to enhance your network security.

Choose any of the VPN service provider and subscribe the services provided. You can also tap Set up now if you already have one. Customize your own VPN service is also available. Refer to [Set Up VPN Server/Client](#) for more setup details.

Note: TP-Link does not provide any guarantee for the services of any third party.



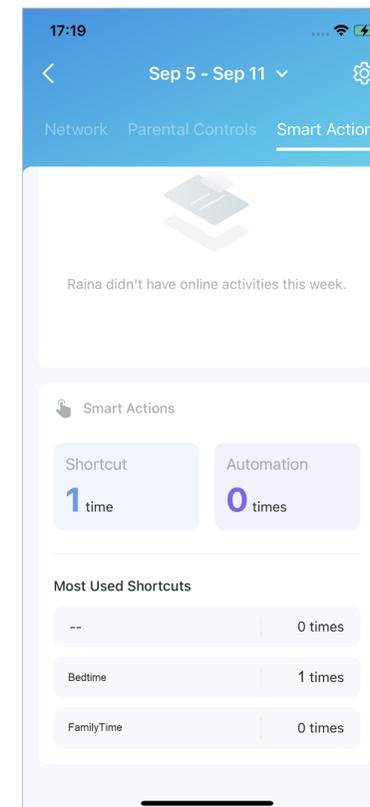
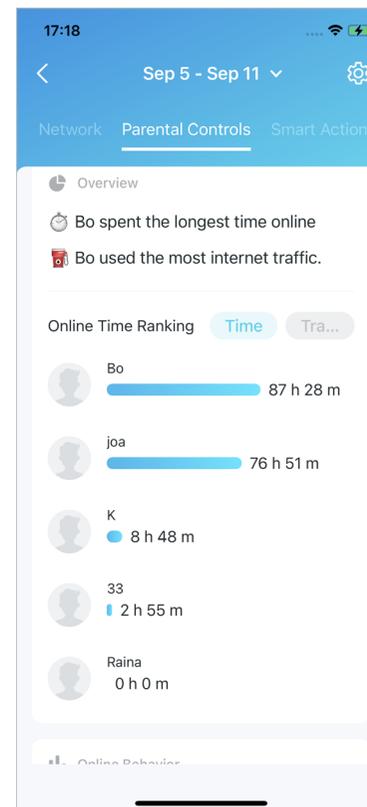
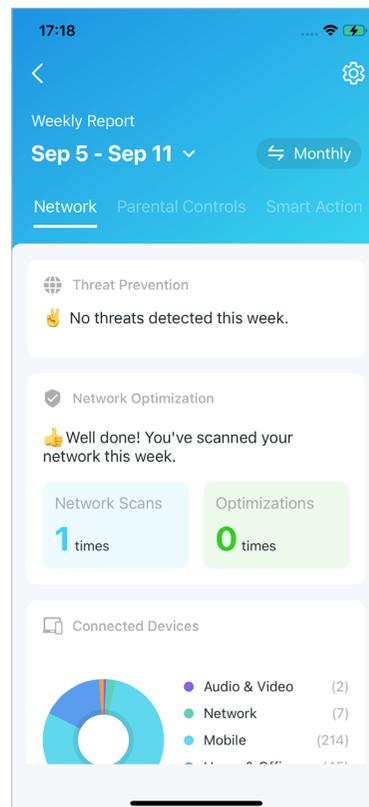
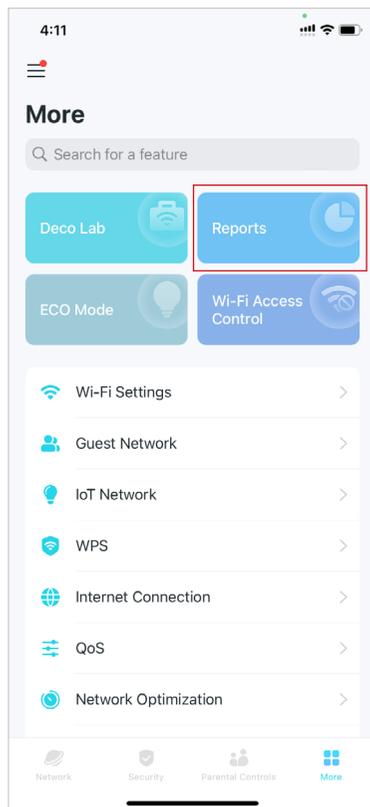
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

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.



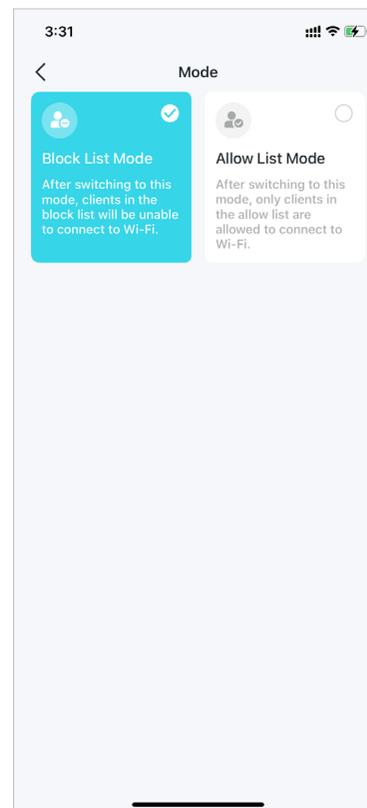
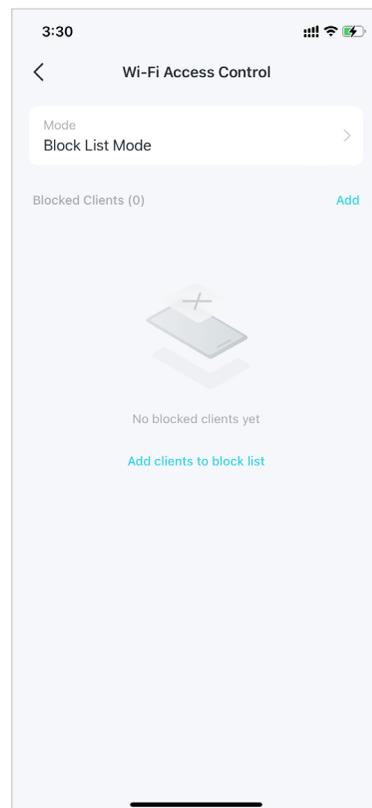
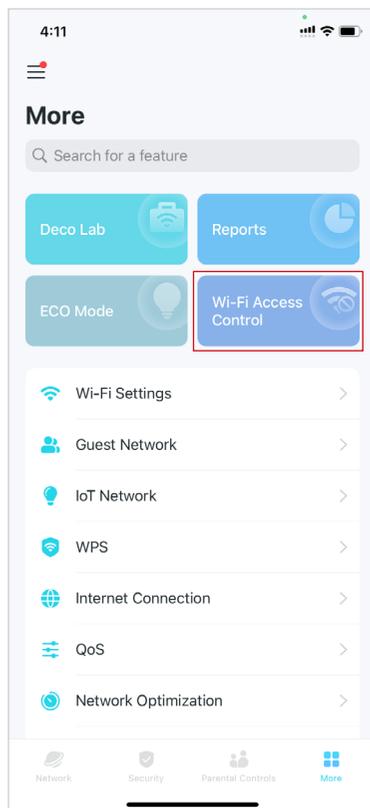
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

Wi-Fi Access Control

Wi-Fi Access Control is used to block or allow specific client devices to access your Deco's Wi-Fi network based on a list of blocked devices (Block List) or a list of allowed devices (Allow List).

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

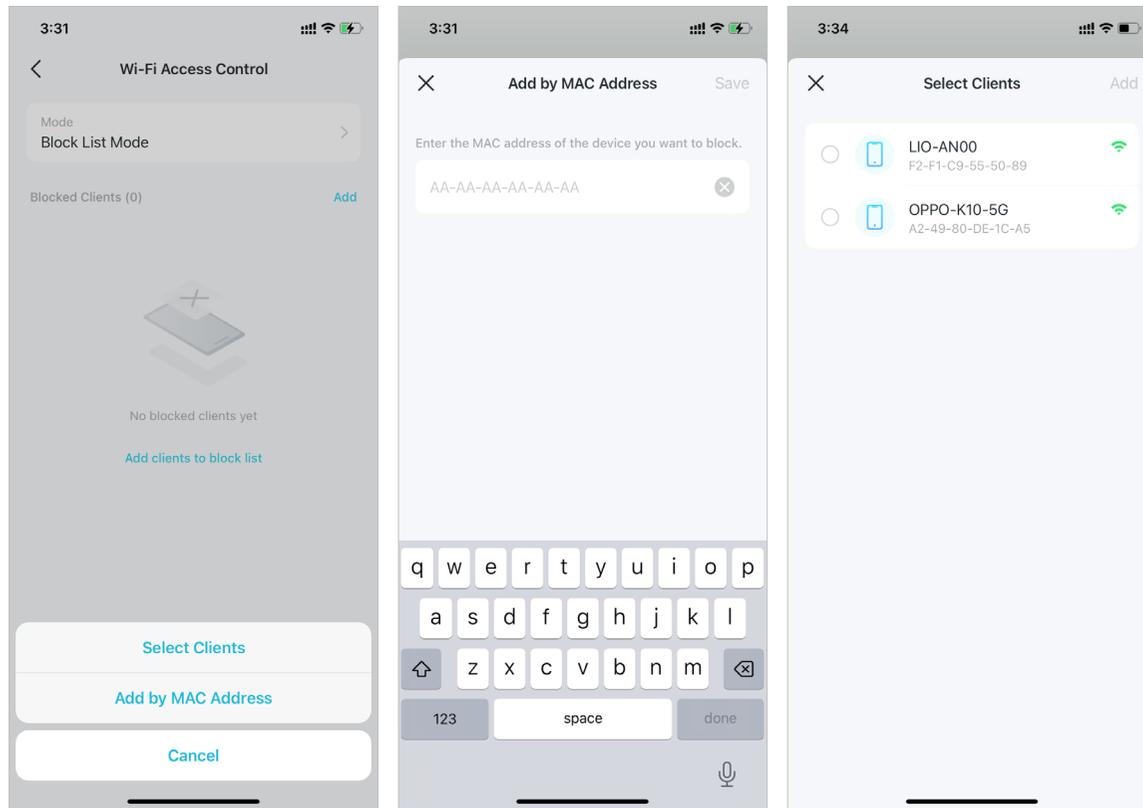
2. Tap [Mode](#) and choose a Wi-Fi access mode.



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

- **Block List Mode**

Add clients to the Block List to prevent them from accessing your Wi-Fi network. You can select clients directly or enter the MAC address of the device you want to block. Then only clients on the Block List are prohibited from connecting to Deco's Wi-Fi.



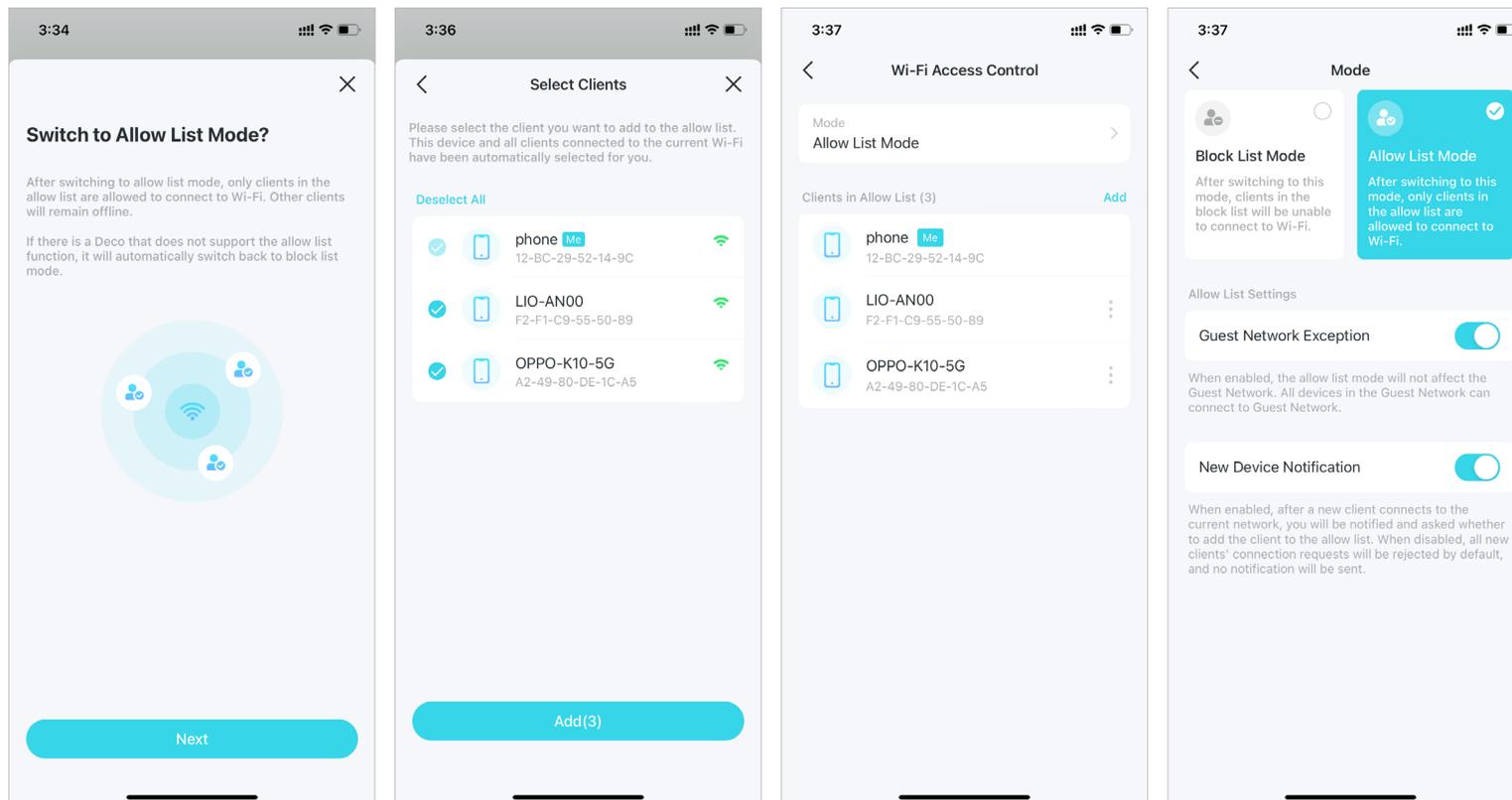
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

- **Allow List Mode**

Add clients to the Allow List to only allow them access to your Wi-Fi network. Then only devices on the Allow List are allowed to connect (except when Guest Network Exception is enabled).

Guest Network Exception: When enabled, your guests can still connect to the Guest Network without being affected by the Allow List mode.

New Device Notification: When enabled, you can receive inquiry notifications when new devices connect to the network. When disabled, all devices' connection requests will be rejected by default without receiving notifications.

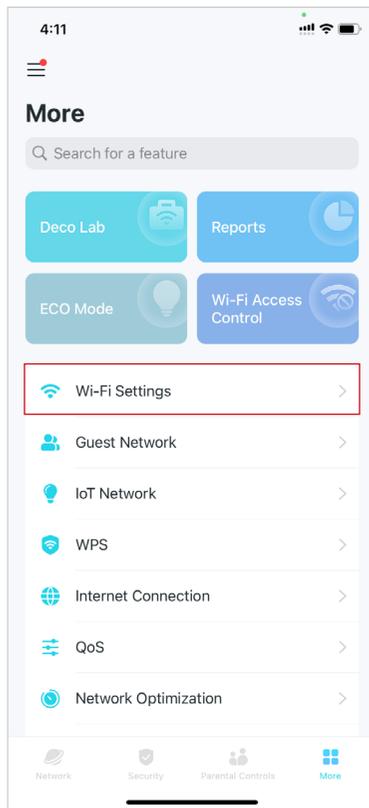


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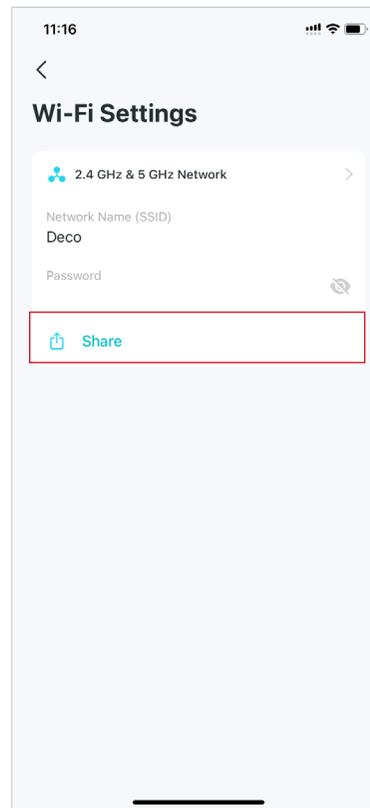
Change Wi-Fi Settings

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

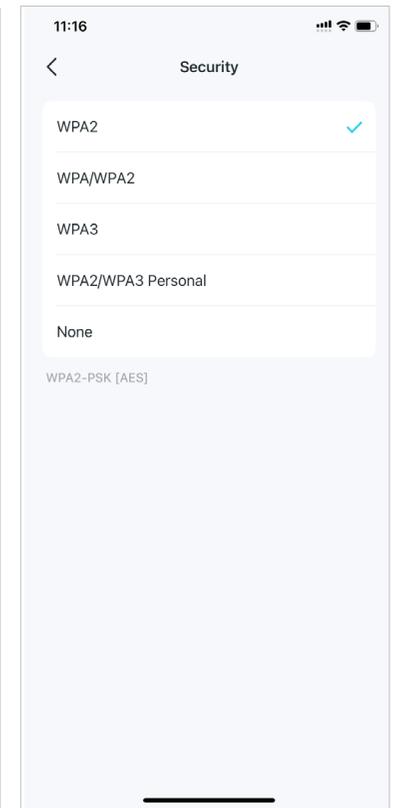
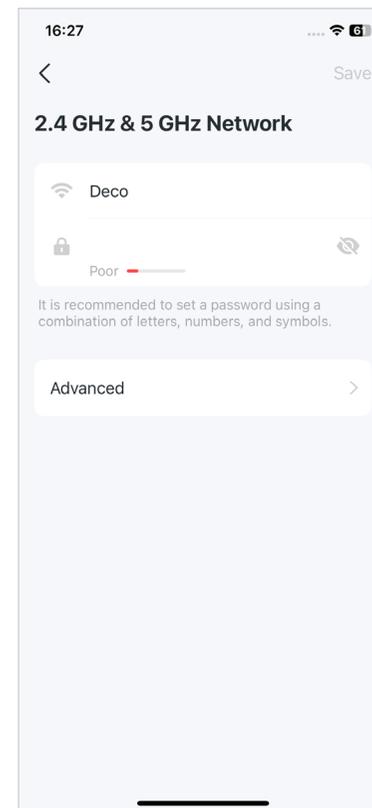
1. Go to [More](#) > [Wi-Fi Settings](#).



2. Tap [Share](#) to share this network to others.

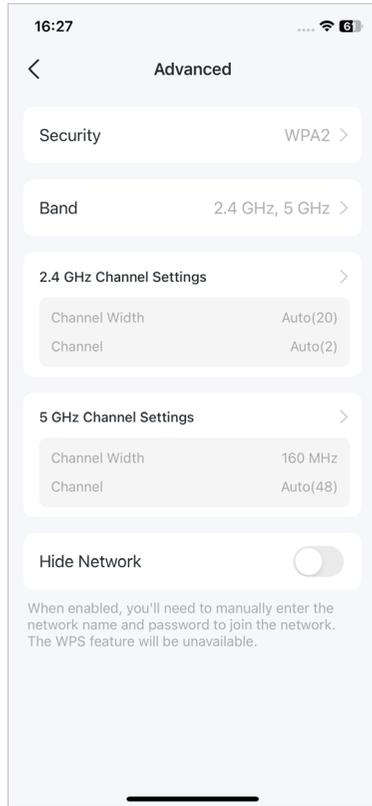


3. Select the Wi-Fi network and you can change the Wi-Fi network name, password and security.

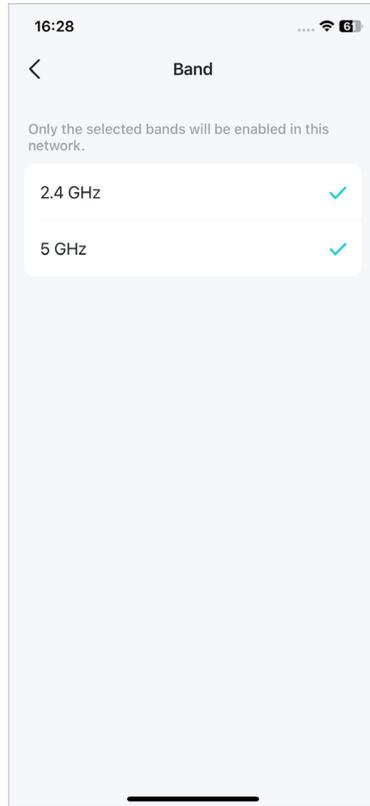


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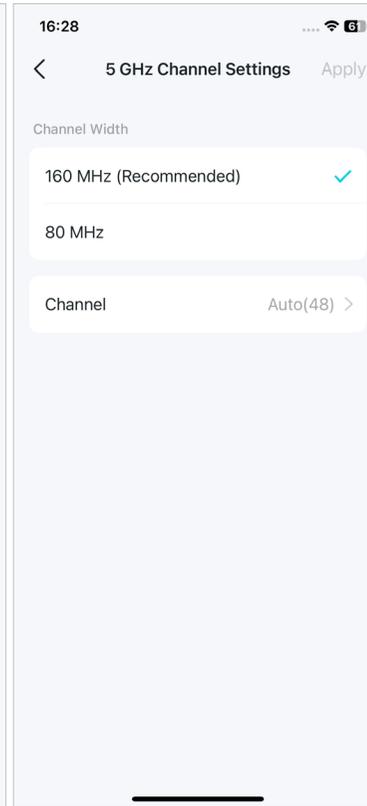
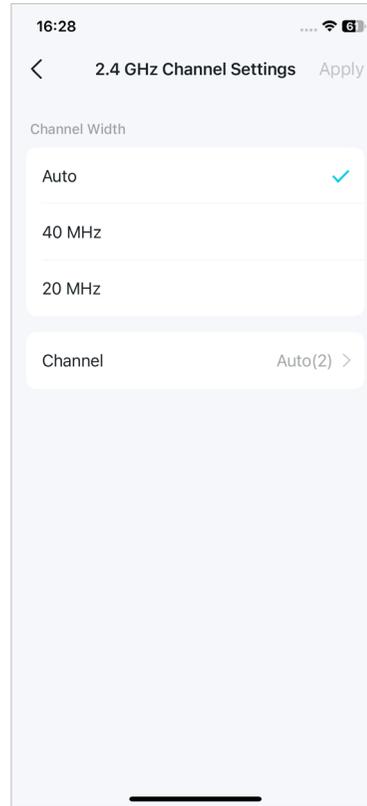
4. Tap **Advanced** for more Wi-Fi settings as follow.



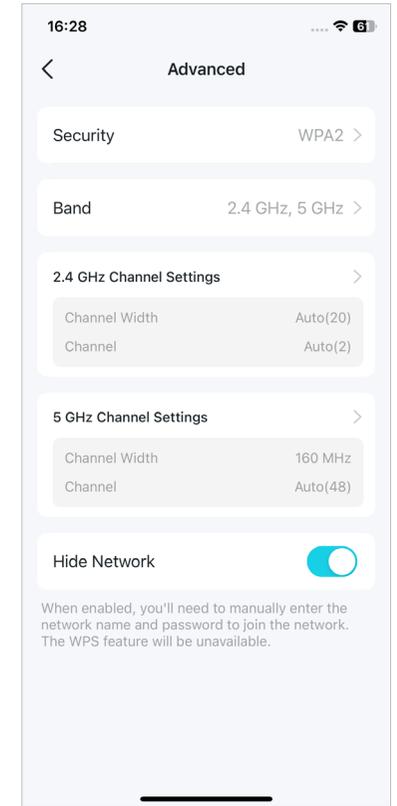
5. Select a preferred band to be enabled in this network.



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



7. Enable **Hide Network** to hide this network from Wi-Fi list.



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

Create a Guest Network

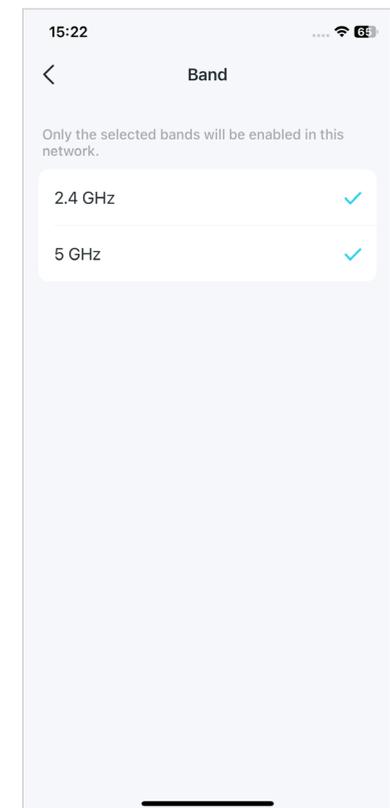
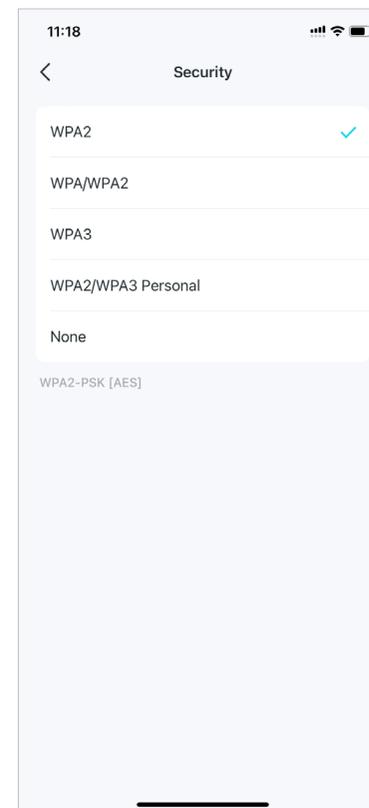
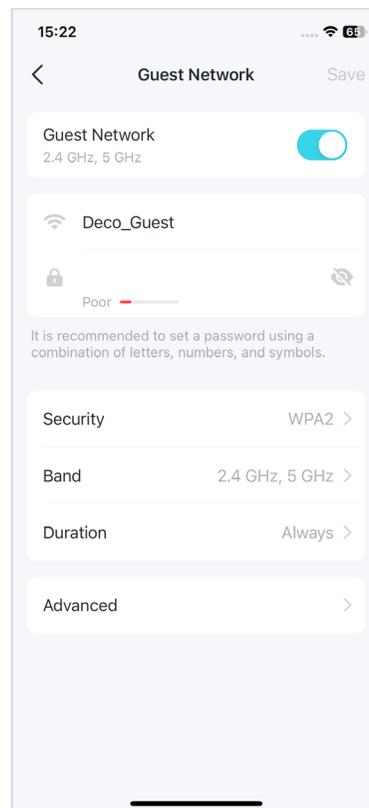
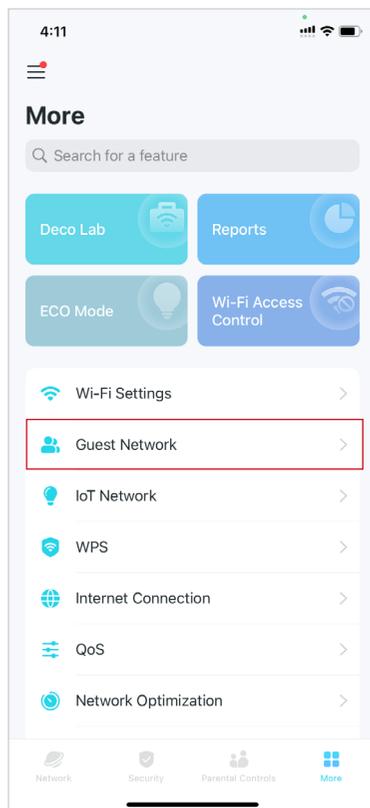
You can create and share a separate network for guests to access the internet without revealing your main network, keeping your home Wi-Fi and personal data safe.

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

2. Turn on [Guest Network](#) and set a Wi-Fi network name and password for it.

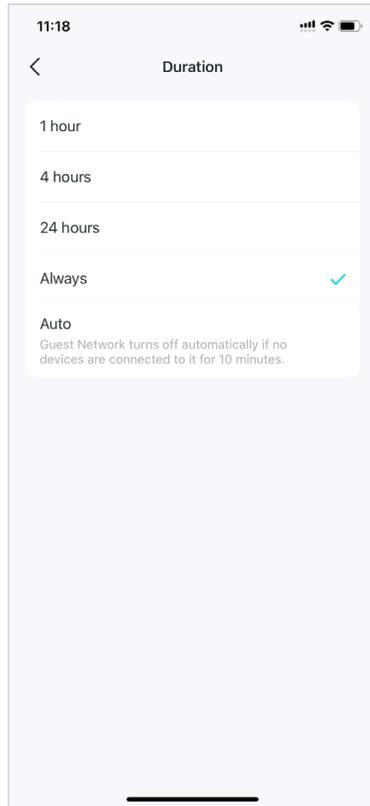
3. Select a Wi-Fi security protocol for this network.

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

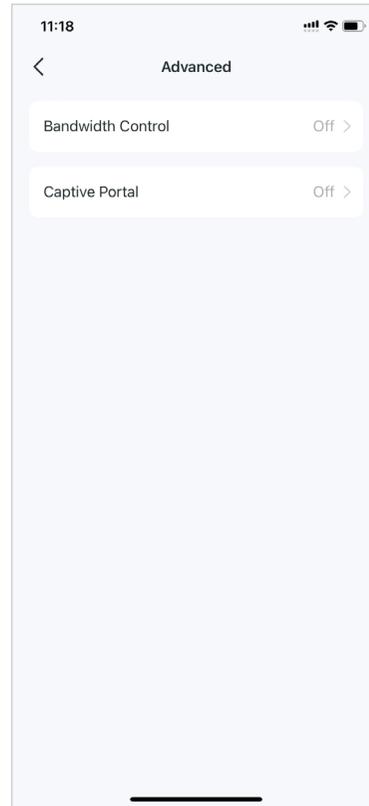


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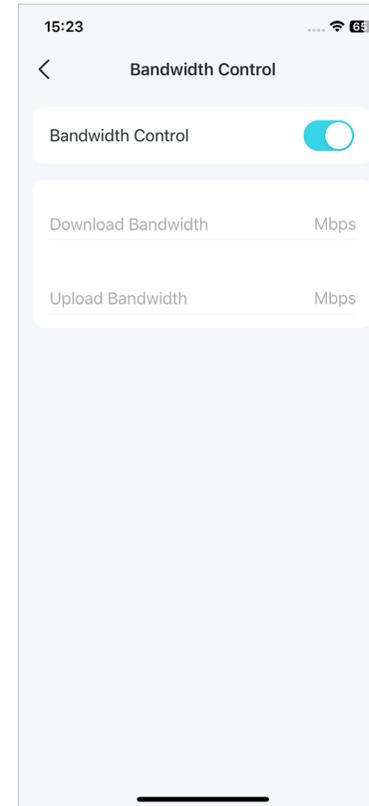
5. Tap **Duration** to set how long the Guest Network works before it automatically turns off.



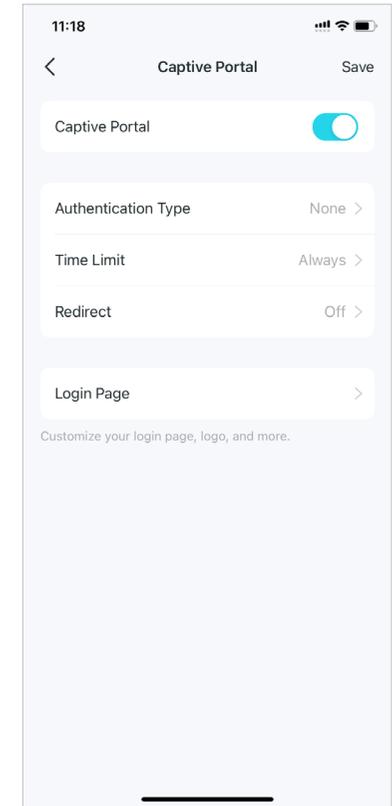
6. Tap **Advanced** to set more settings as follow.



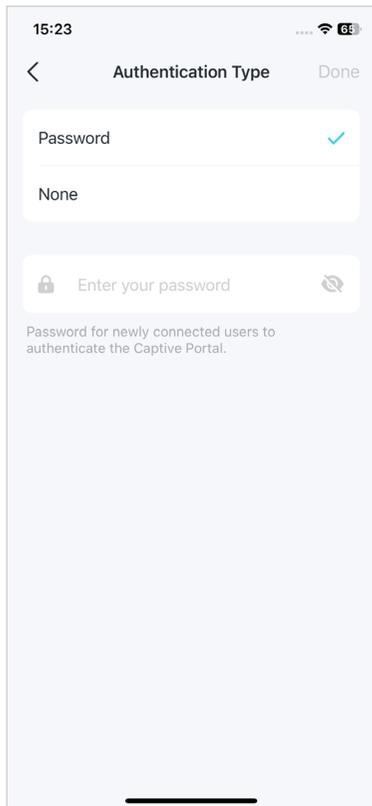
7. Enable **Bandwidth Control** and set a download and upload bandwidth for your network.



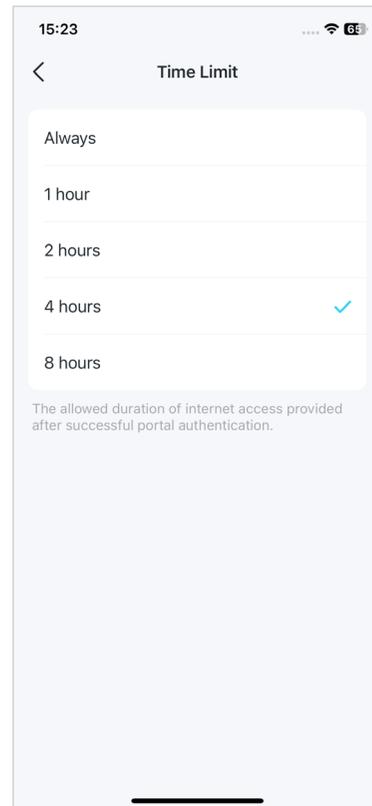
8. Enable **Captive Portal** to customize a professional captive portal within minutes.



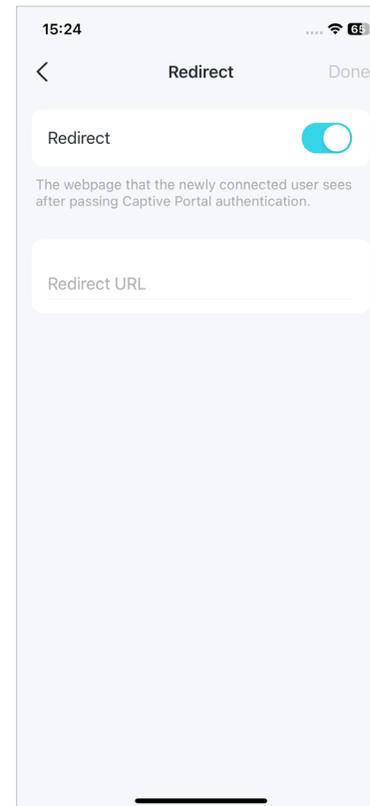
- **Authentication Type:** Set a password for newly connected users to authenticate the Captive Portal. You can also leave it blank if unnecessary.



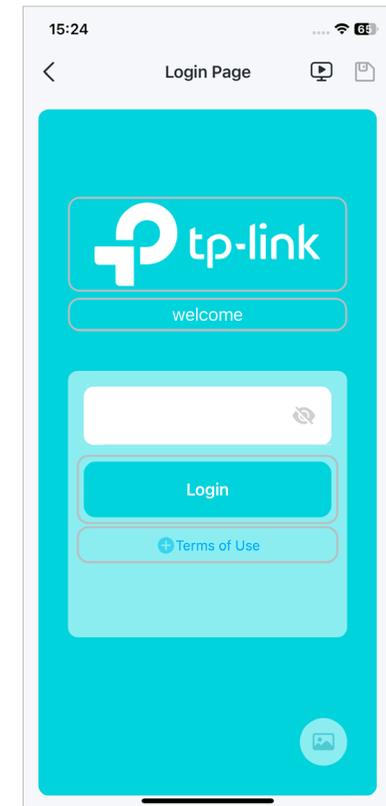
- **Time Limit:** Select the allowed duration of internet access provided after successful portal authentication.



- **Redirect:** Enter the webpage that the newly connected user sees after passing Captive Portal authentication.



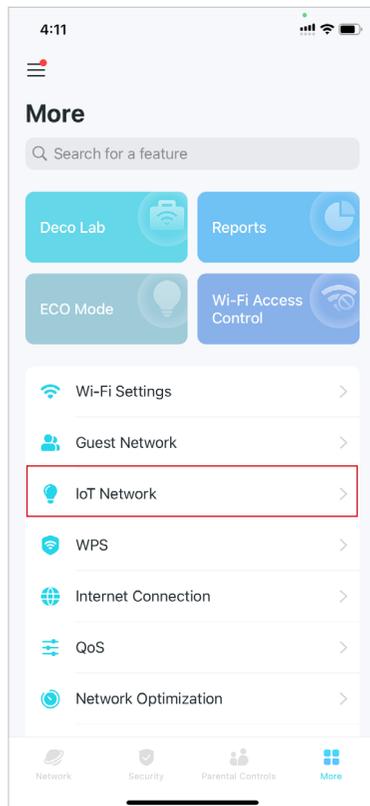
- **Login Page:** Customize the login page including logo, title, button, Terms of Use, and more.



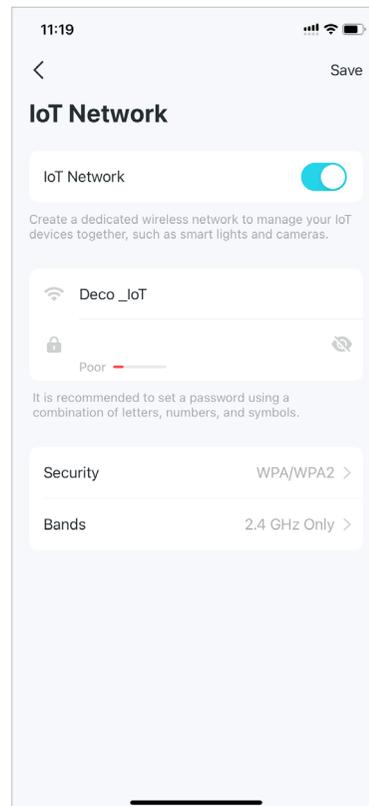
Create a IoT Network

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

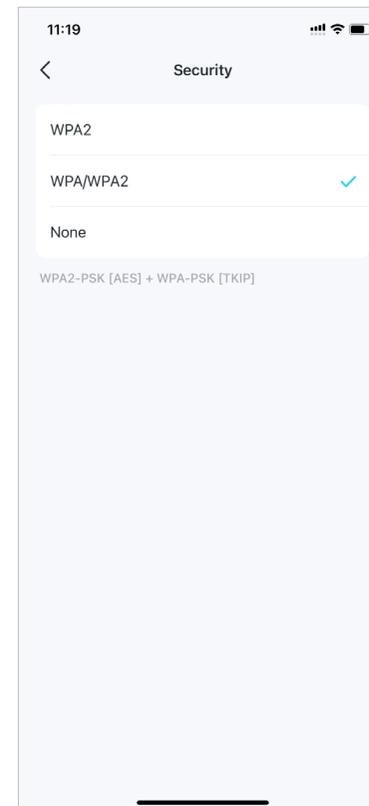
1. Go to [More > IoT Network](#).



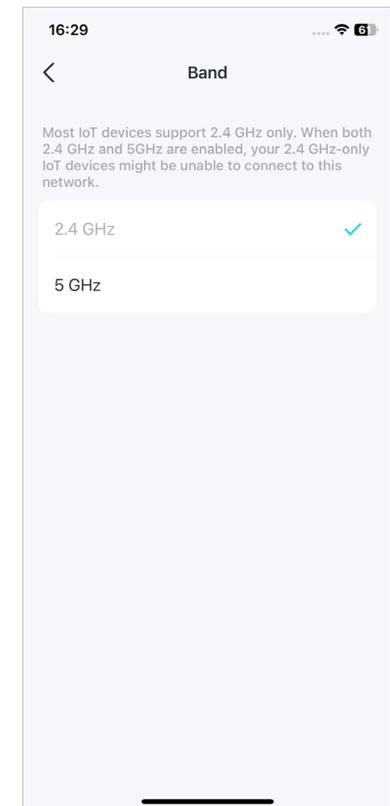
2. Turn on [IoT Network](#). Set a Wi-Fi network name and password for this network.



3. Select a Wi-Fi security protocol for this network.



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

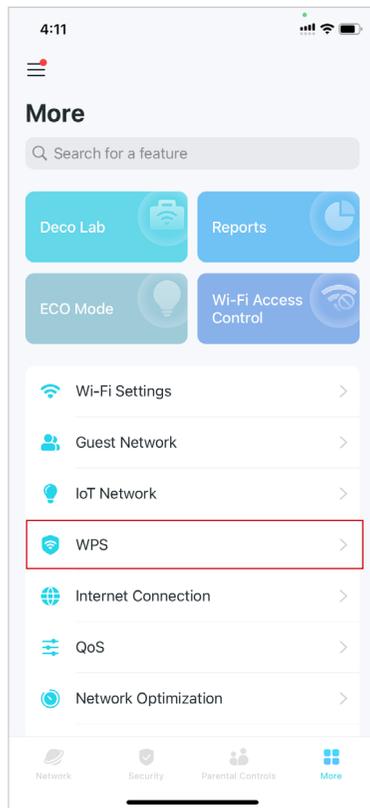


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

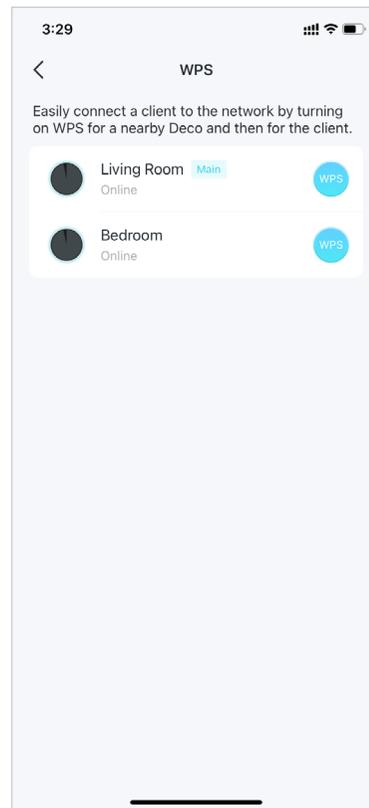
WPS

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.

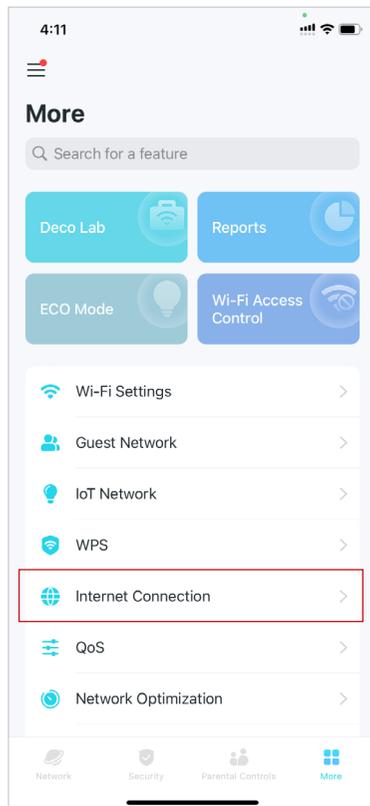


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

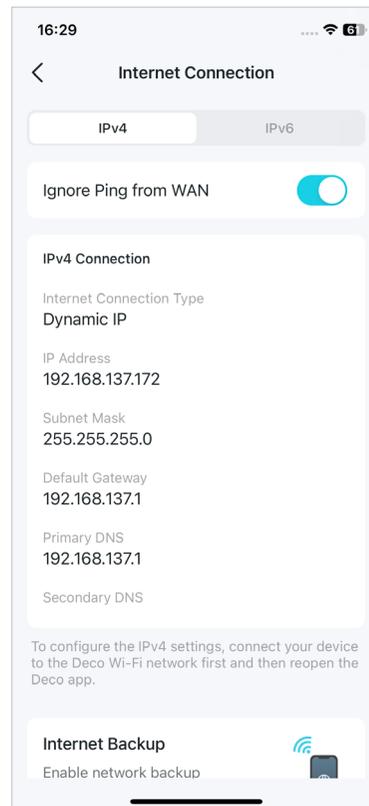
Change Internet Settings

You can change internet settings if needed.

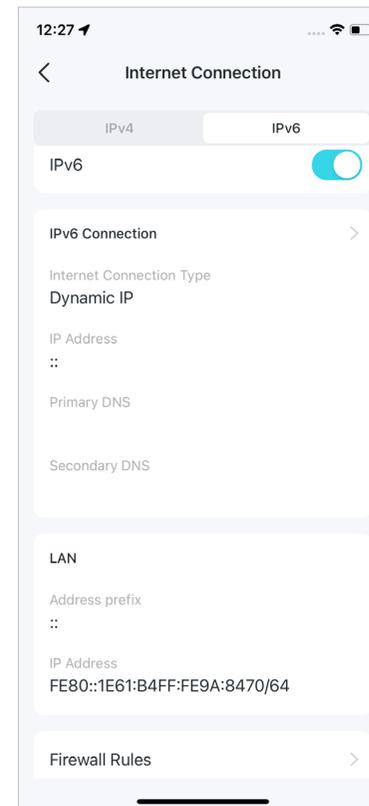
1. Go to **More > Internet Connection**.



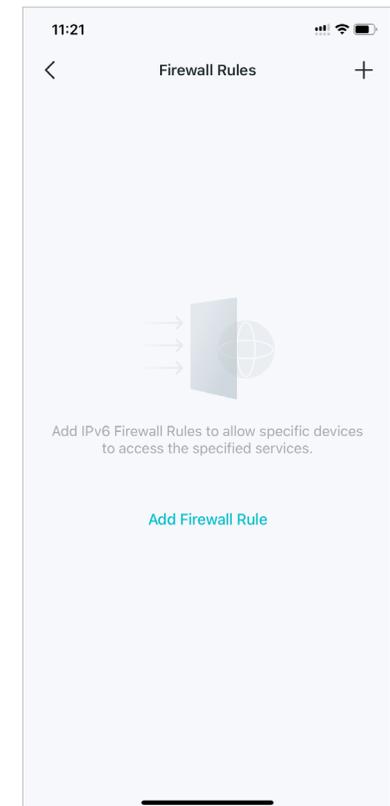
2. Tap **IPv4** for IPv4 settings.



3. Tap **IPv6** and enable it for IPv6 settings.



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



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

Internet Backup

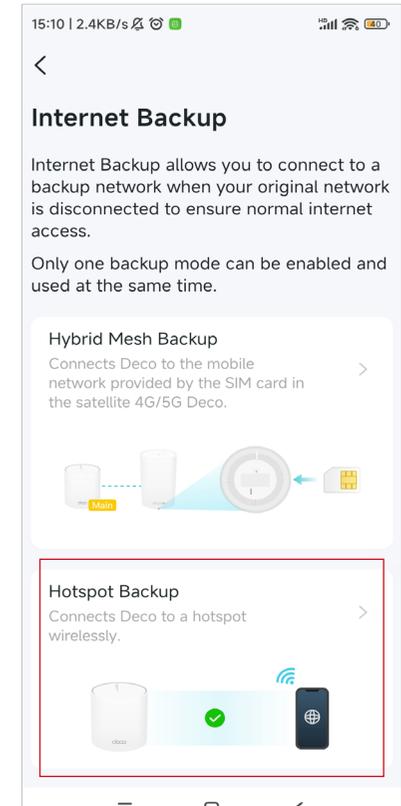
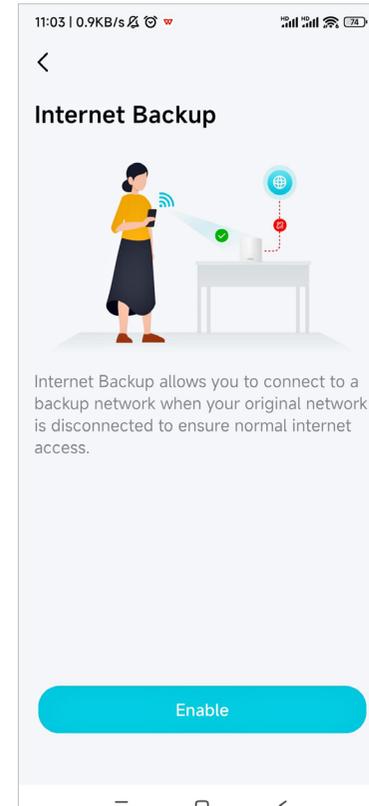
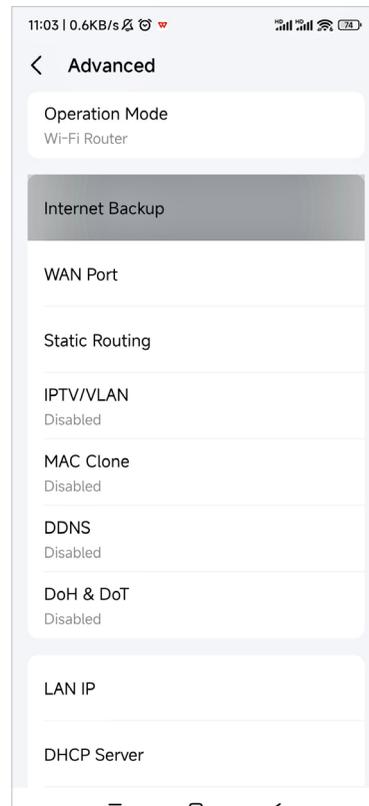
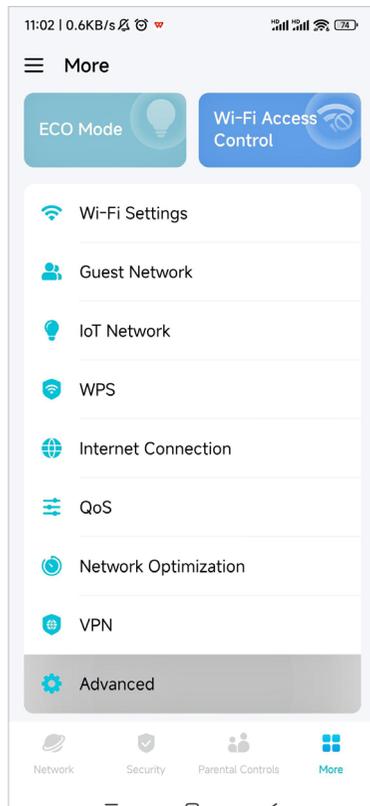
Internet Backup keeps your device always connected by connecting your Deco to a backup network when the original network is disconnected to ensure normal internet access. When your main network is restored, it will automatically switch back. The following three backup modes are now available for your Decos. Only one backup mode can be enabled at a time.

- **Hotspot Backup Mode**

Hotspot Backup Mode allows your Deco to connect to a hotspot backup network when your main network service fails.

1. Open your Deco app, and go to [More](#) > [Advanced](#) > [Internet Backup](#).
Alternatively, go to [More](#) > [Internet Connection](#) > [Internet Backup](#).

2. Enable Internet Backup. If multiple backup modes are available, select [Hotspot Backup](#).



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

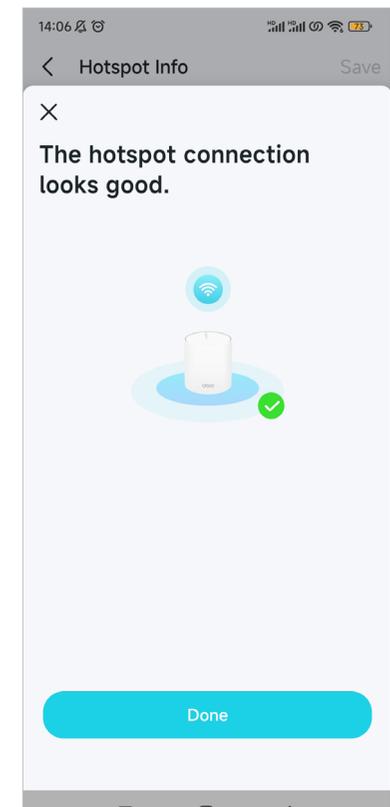
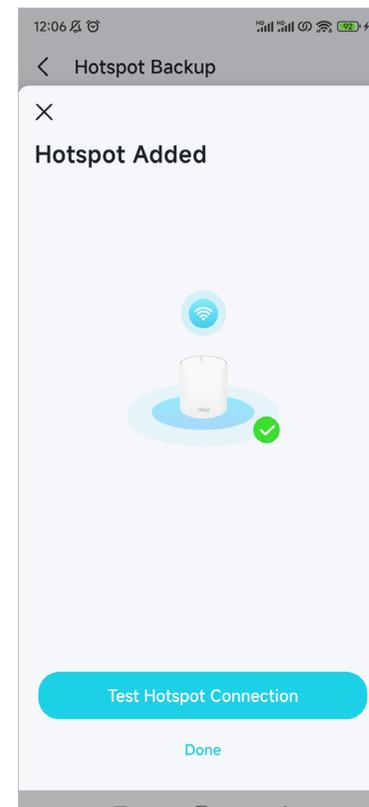
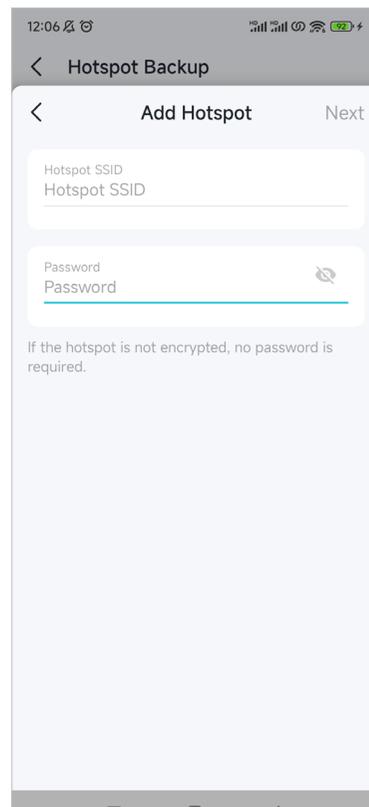
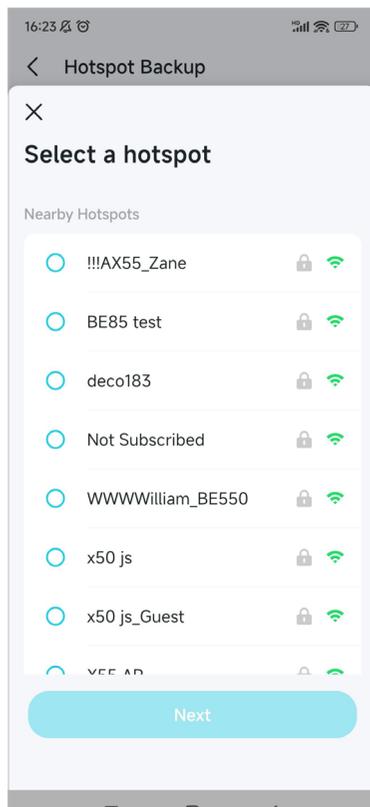
3. Select one or more nearby hotspots for network backup.

■ Note: You can also add hotspot manually.

■ Note: When there are multiple hotspots, Deco will automatically connect to the best one.

4. After adding a hotspot, you can test its network connection.

■ Note: The test may take times. Please make sure your hotspot is turned on and can access the internet. Your Deco network may be unstable during the test.



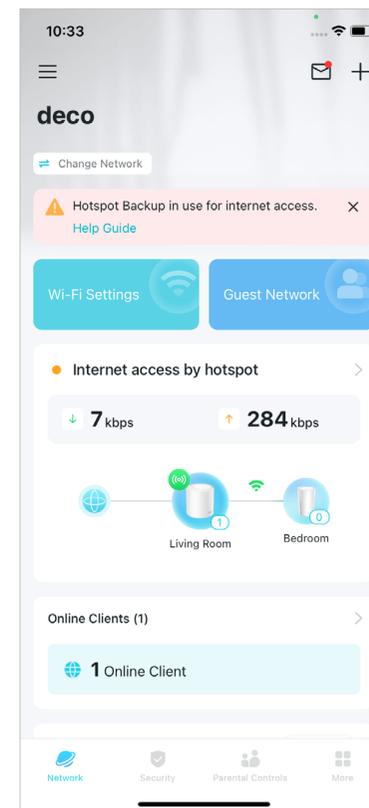
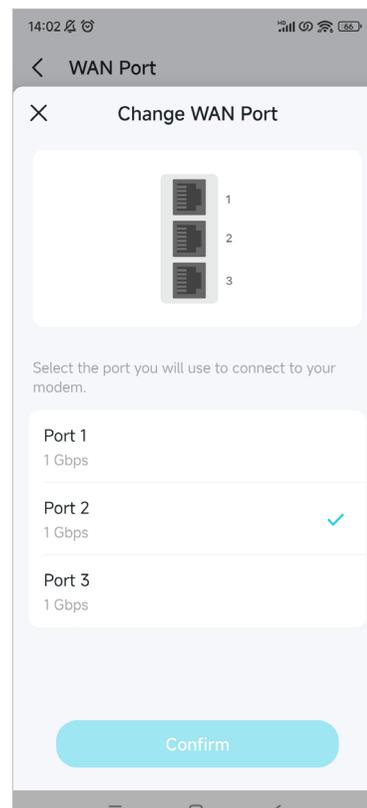
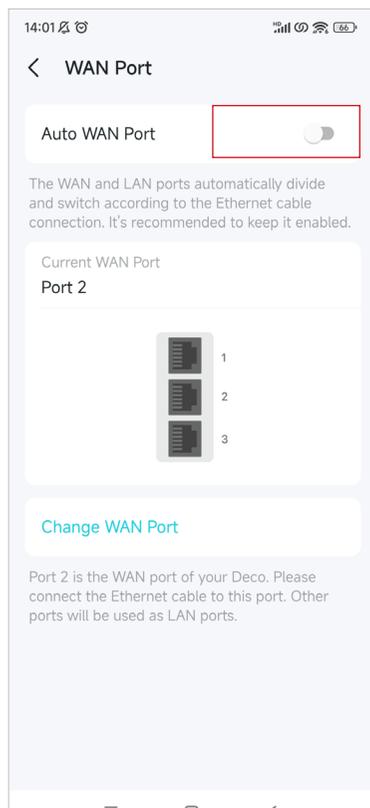
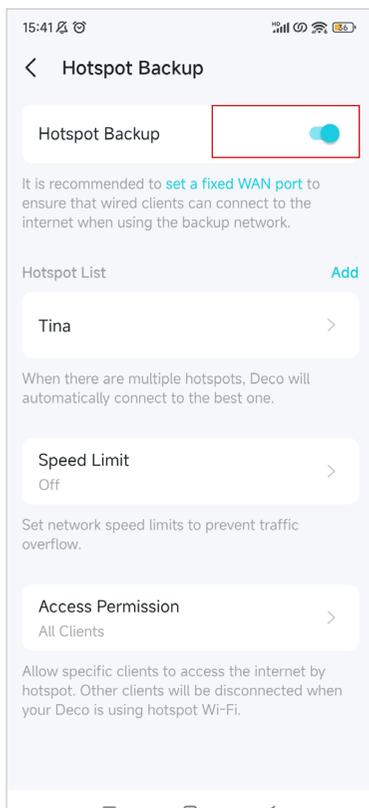
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

5. It is recommended to set a fixed WAN port to ensure that wired clients can connect to the internet when using the backup network.

📌 Note: Tap [set a fixed WAN port](#) or go to [More > Advanced > WAN Port](#). Then disable [Auto WAN Port](#) and set a fixed WAN port for your Deco.

Setup complete!

When the original network fails, turn on your hotspot and your Deco will automatically switch to the hotspot backup network to keep your network connected.

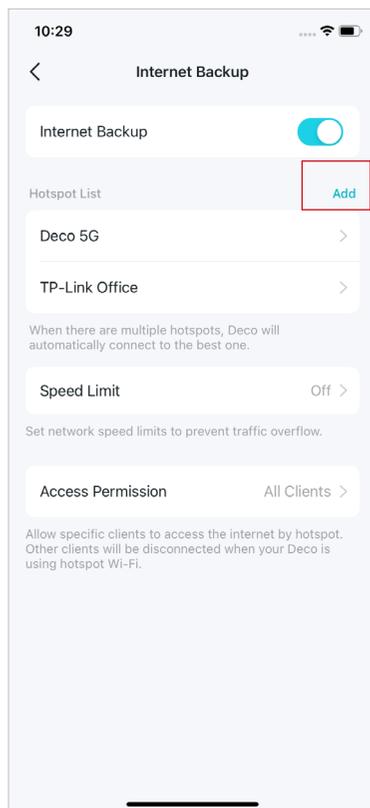


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

After enabling Hotspot Backup, you can further configure specific settings.

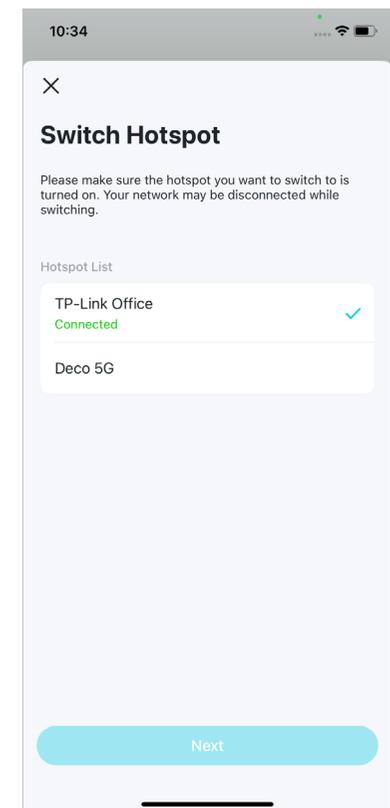
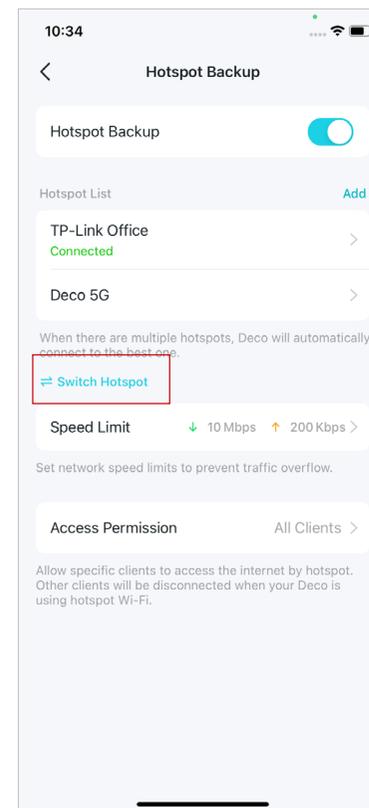
1. Add Hotspot

Tap [Add](#) to add multiple hotspots to the Hotspot List.



2. Switch Hotspot

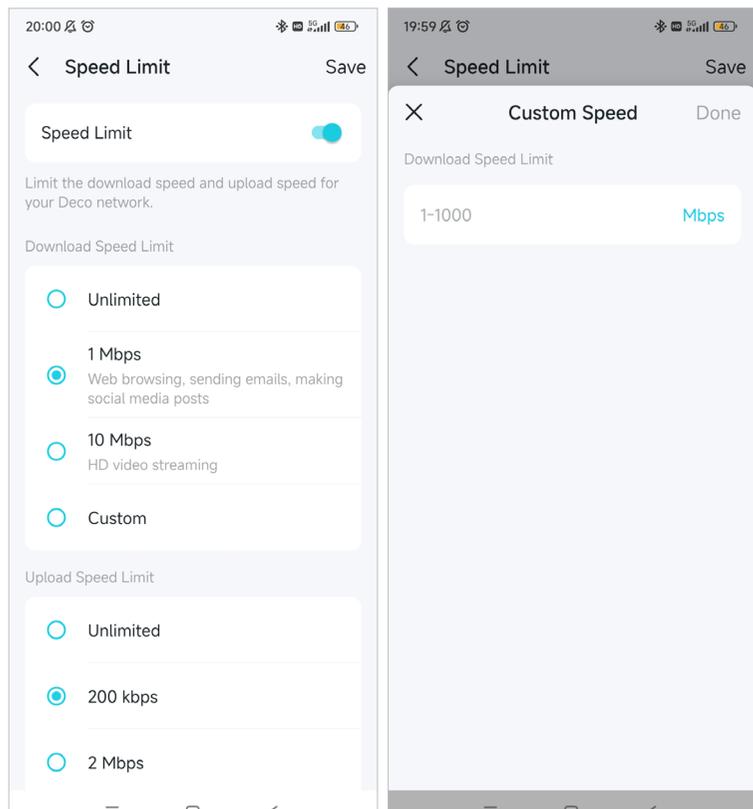
When Hotspot Backup is in use for internet access, tap [Switch Hotspot](#) to use another hotspot in the list as backup hotspot.



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

3. Speed Limit

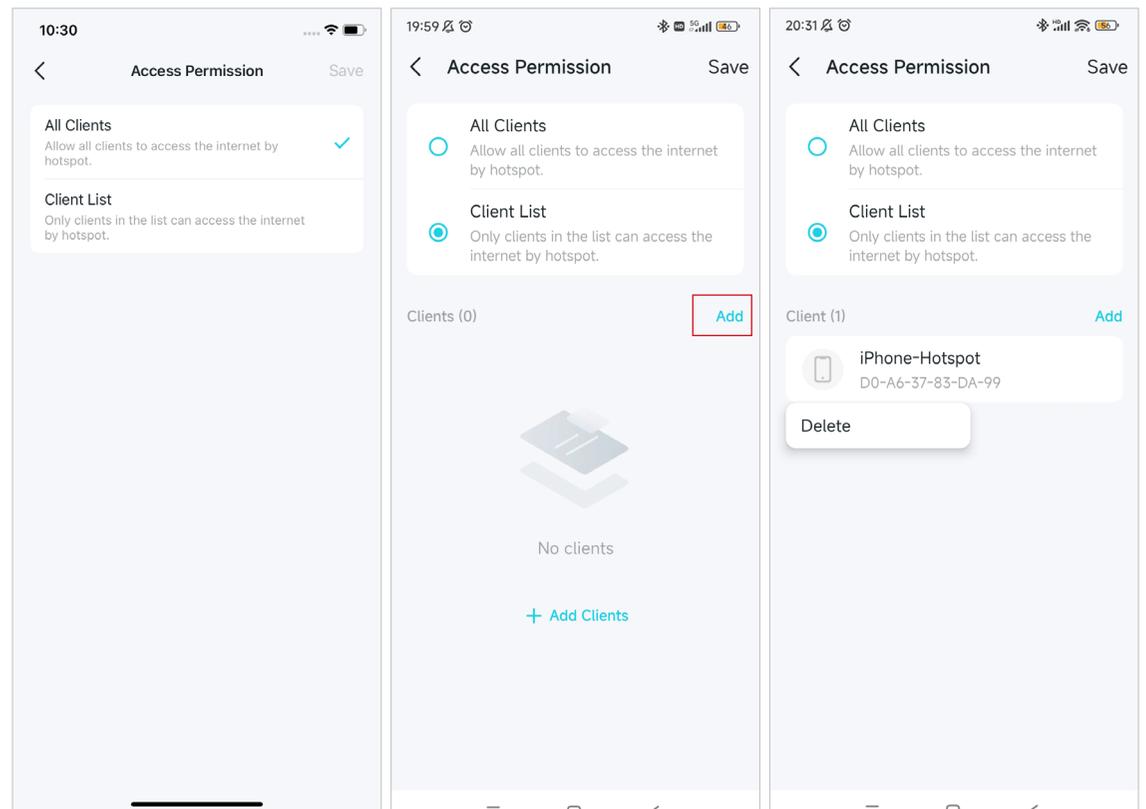
You can limit the download speed and upload speed for your Deco network to prevent traffic overflow.



4. Access Permission

You can allow specific clients to access the internet by hotspot. Other clients will be disconnected when your Deco is using hotspot Wi-Fi.

Note: You can add clients currently connected to the Deco network to the [Client List](#) or delete clients from the list.



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

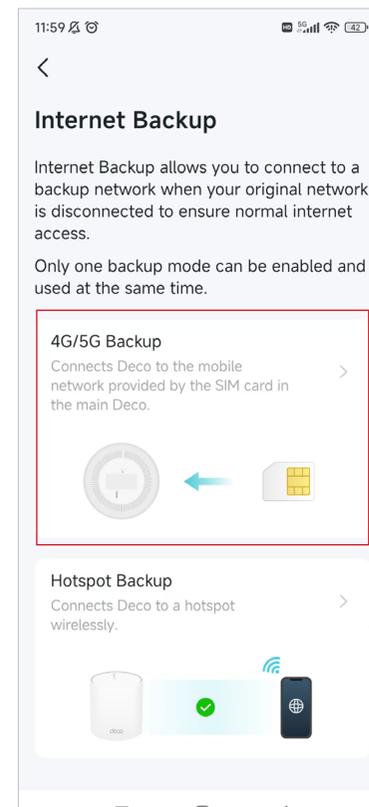
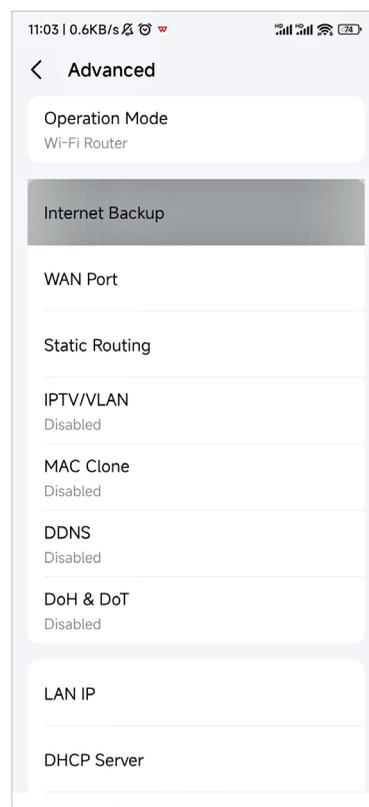
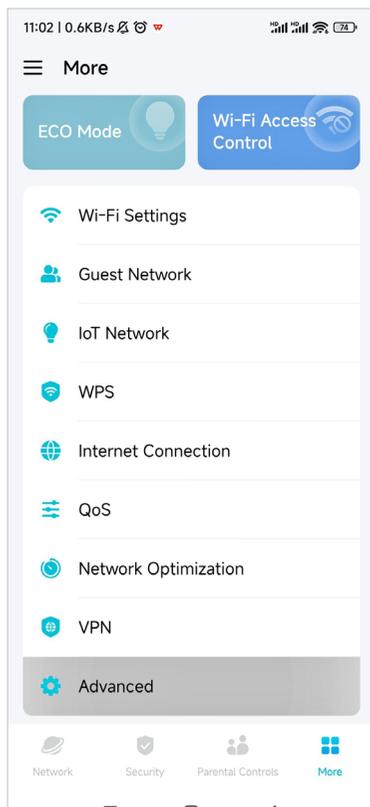
- **4G/5G Backup Mode**

When you have a 4G/5G Deco as the main Deco in your network, 4G/5G Backup Mode allows your Deco to connect to the backup mobile network provided by the SIM card in the 4G/5G Deco when your main network service fails.

1. Open your Deco app, and go to [More](#) > [Advanced](#) > [Internet Backup](#).
Alternatively, go to [More](#) > [Internet Connection](#) > [Internet Backup](#).

2. Choose [4G/5G Backup](#).

📌 Note: Make sure the backup Deco is inserted with an available SIM card.



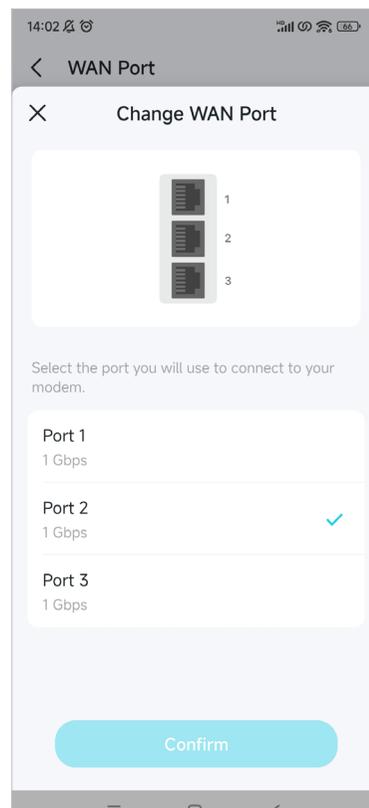
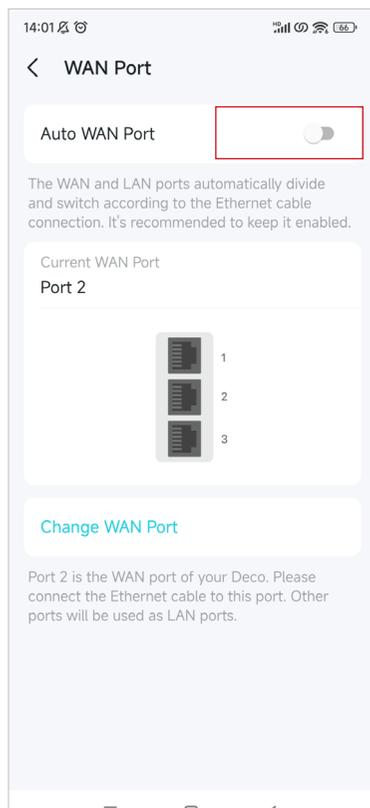
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

3. It is recommended to set a fixed WAN port to ensure that wired clients can connect to the internet when using the backup network.

📌 Note: Go to [More](#) > [Advanced](#) > [4G/5G Backup](#) > [WAN Port](#) and disable [Auto WAN Port](#).

[Setup complete!](#)

When the original network fails, your Deco will automatically connect to the mobile network provided by the SIM card in the 4G/5G main Deco.

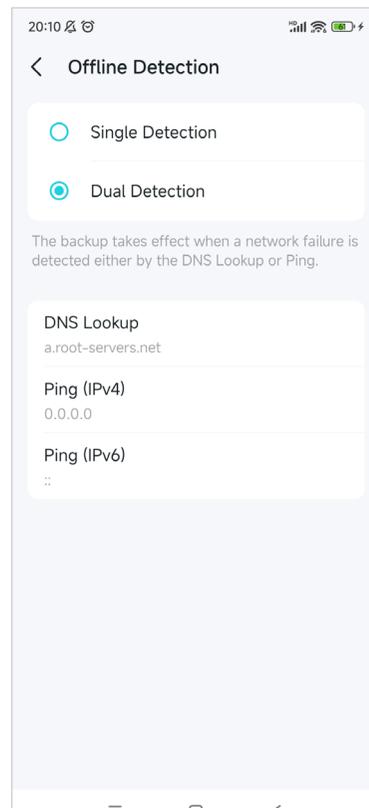
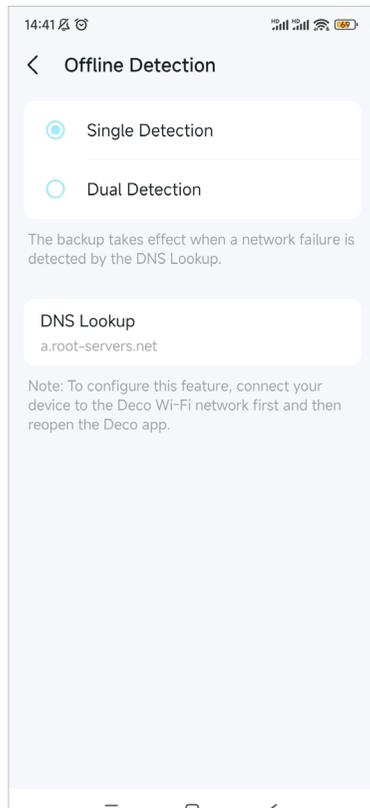


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

After enabling 4G/5G Backup, you can further configure specific settings.

1. Offline Detection

Select detection methods ([Single Detection](#) with DNS Lookup or [Dual Detection](#) with DNS Lookup and Ping) which determine when the network is disconnected and the backup takes effect.

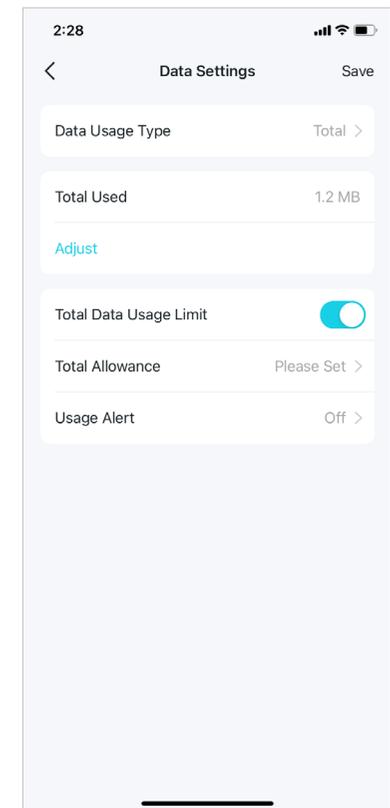
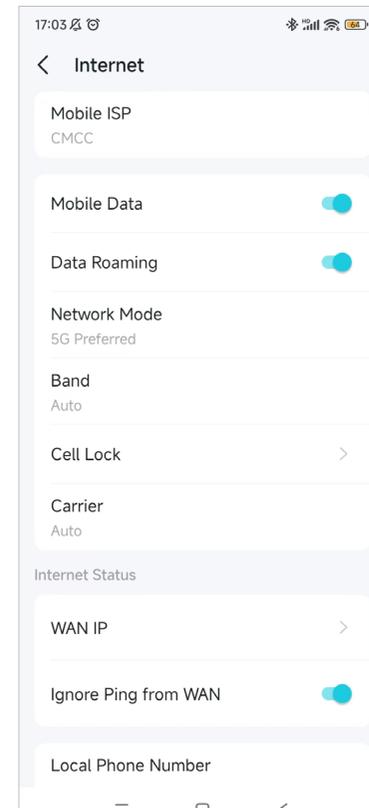


2. Backup Settings

Configure internet settings, data settings and more for your SIM card.

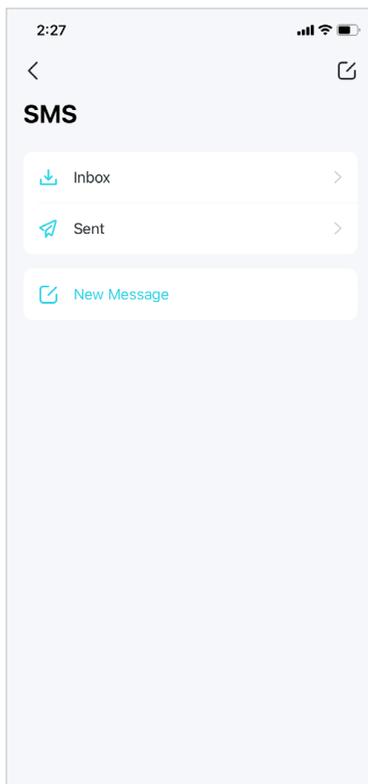
Tap [Internet](#) to configure internet settings for your SIM card or check internet status.

Tap [Data Settings](#) to monitor or limit the data usage.

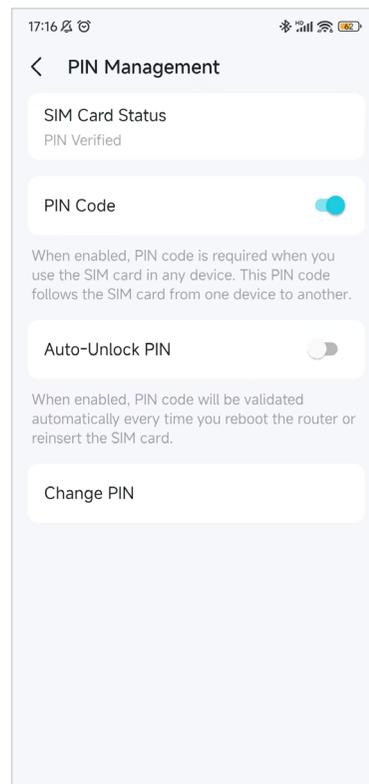


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

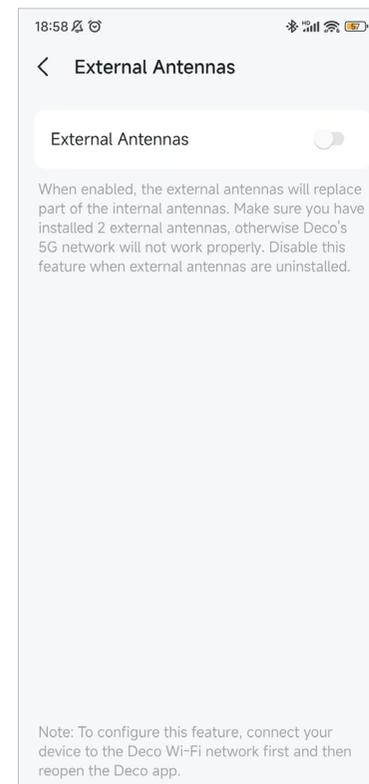
Tap **SMS** to view, send and receive messages for your SIM card.



Tap **PIN Management** to set a PIN code for your SIM card to protect your SIM card from embezzlement.



Enable **External Antennas** to strengthen the 5G signals of your Deco if you have installed 5G external antennas on it.



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

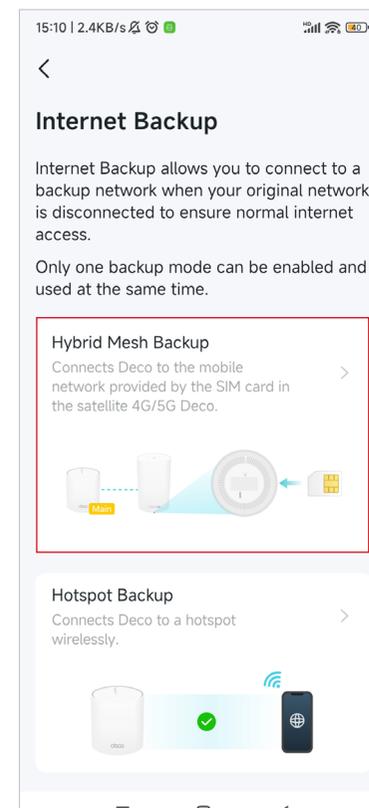
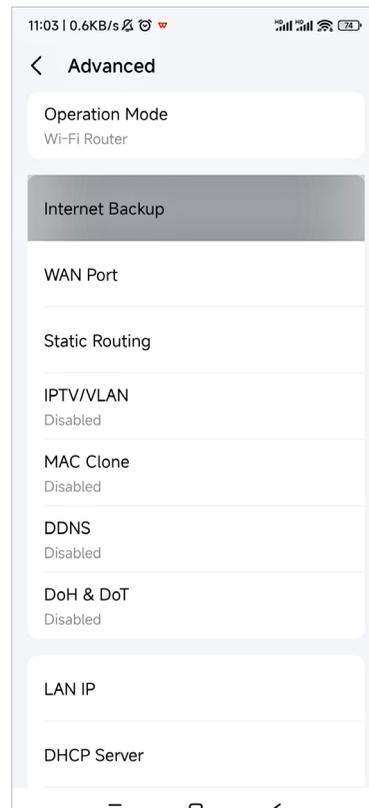
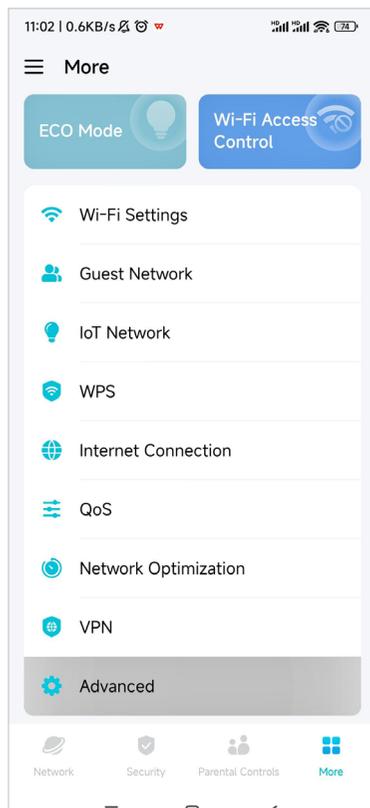
- **Hybrid Mesh Backup Mode**

When you have a 4G/5G Deco as a satellite Deco in your network, Hybrid Mesh Backup Mode allows your Deco to connect to the backup mobile network provided by the SIM card in the 4G/5G Deco when your main network service fails.

1. Open your Deco app, and go to [More](#) > [Advanced](#) > [Internet Backup](#). Alternatively, go to [More](#) > [Internet Connection](#) > [Internet Backup](#).

2. Choose [Hybrid Mesh Backup](#).

📌 Note: Make sure the backup Deco is inserted with an available SIM card.



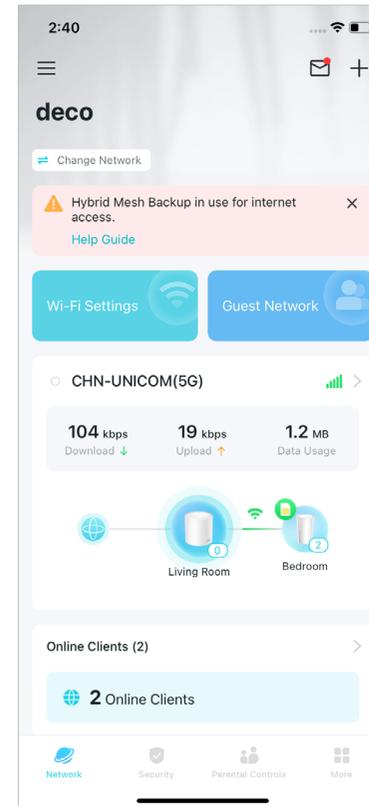
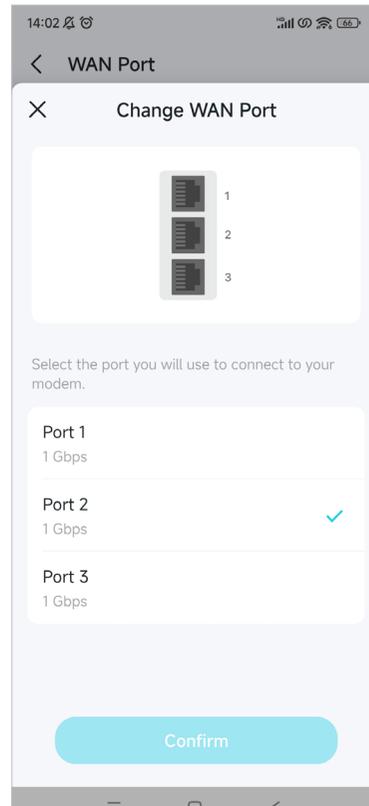
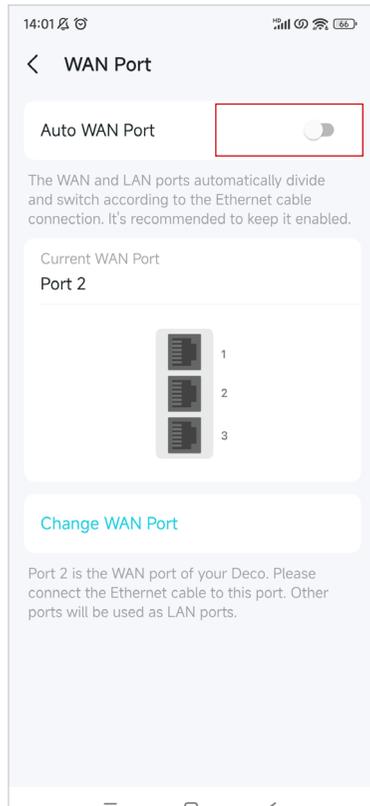
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

3. It is recommended to set a fixed WAN port to ensure that wired clients can connect to the internet when using the backup network.

📌 Note: Go to [More](#) > [Advanced](#) > [WAN Port](#) and disable [Auto WAN Port](#).

Setup complete!

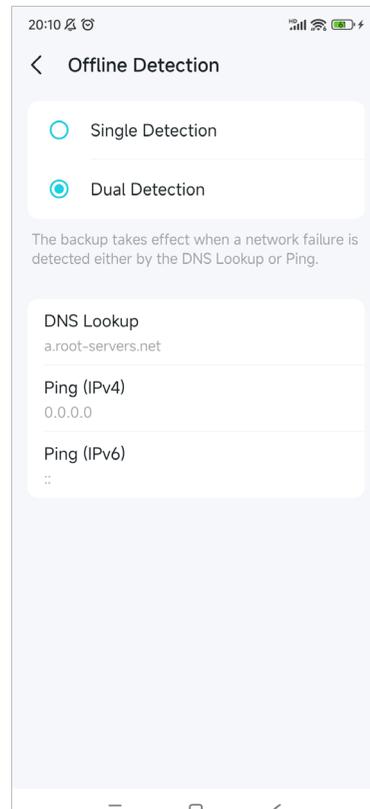
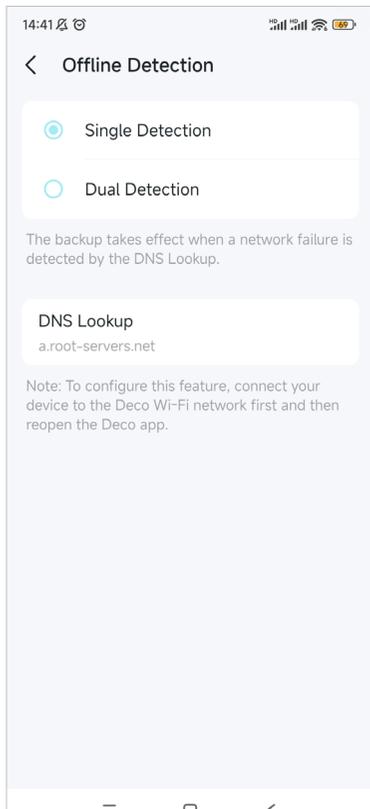
When the original network fails, your Deco will automatically connect to the mobile network provided by the SIM card in the 4G/5G satellite Deco.



After enabling 4G/5G Backup, you can further configure specific settings.

1. Offline Detection

Select detection methods ([Single Detection](#) with DNS Lookup or [Dual Detection](#) with DNS Lookup and Ping) which determine when the network is disconnected and the backup takes effect.

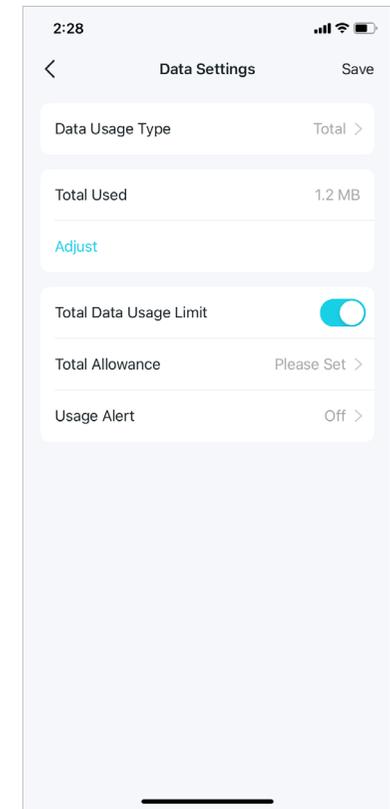
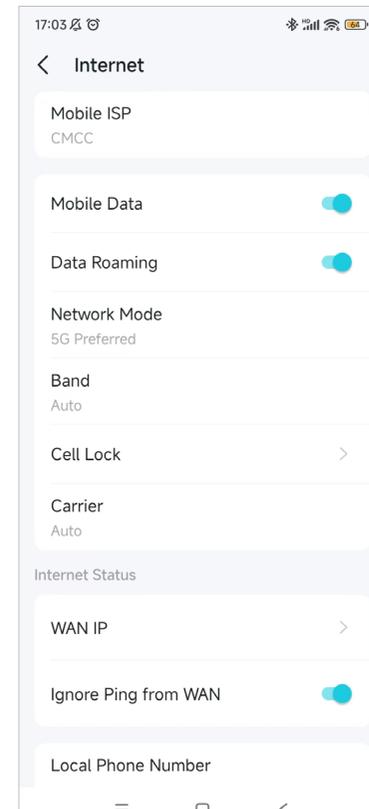


2. Backup Settings

Configure internet settings, data settings and more for your SIM card.

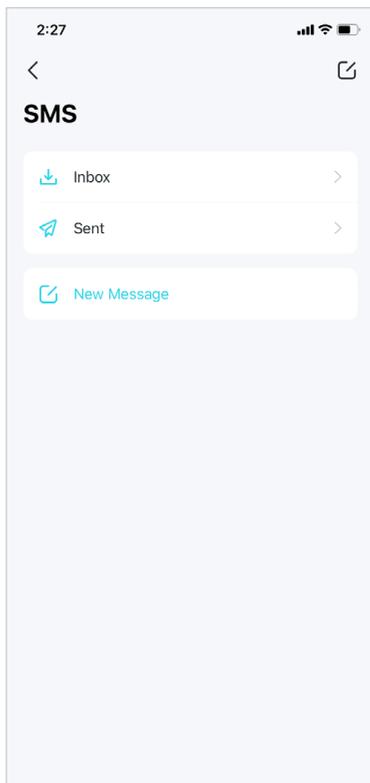
Tap [Internet](#) to configure internet settings for your SIM card or check internet status.

Tap [Data Settings](#) to monitor or limit the data usage.

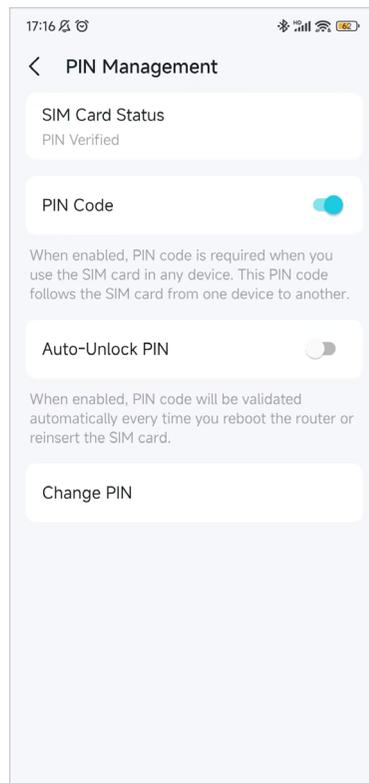


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

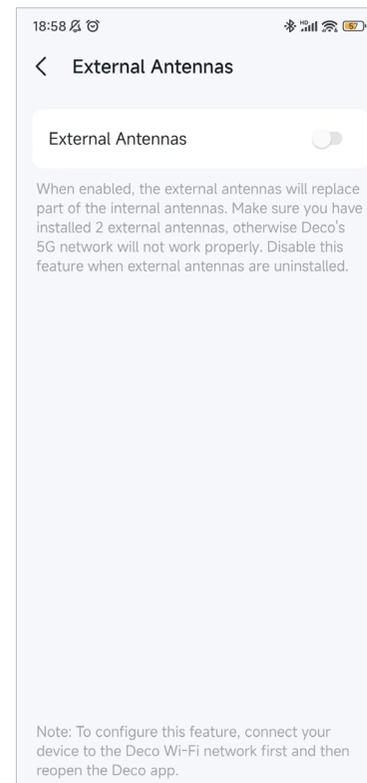
Tap **SMS** to view, send and receive messages for your SIM card.



Tap **PIN Management** to set a PIN code for your SIM card to protect your SIM card from embezzlement.



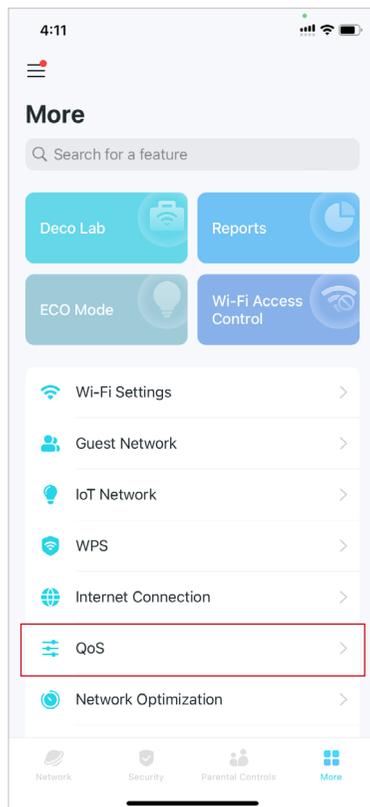
Enable **External Antennas** to strengthen the 5G signals of your Deco if you have installed 5G external antennas on it.



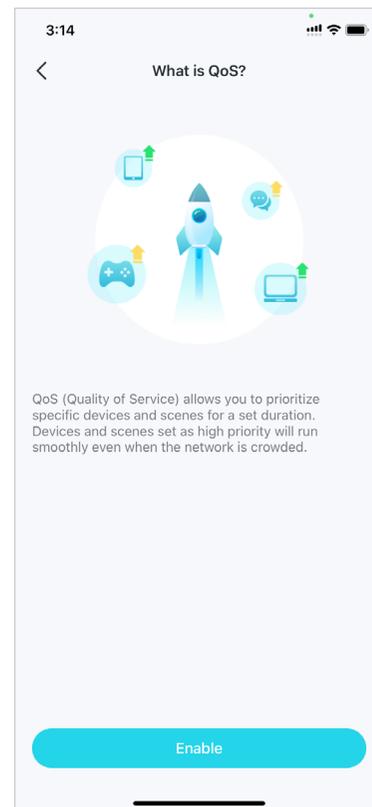
QoS

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

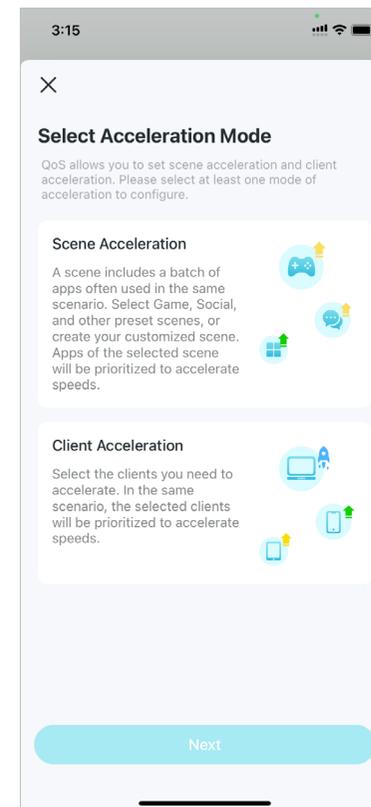
1. Go to [More](#) > [QoS](#).



2. Enable [QoS](#).



3. Select an acceleration mode and complete the settings.

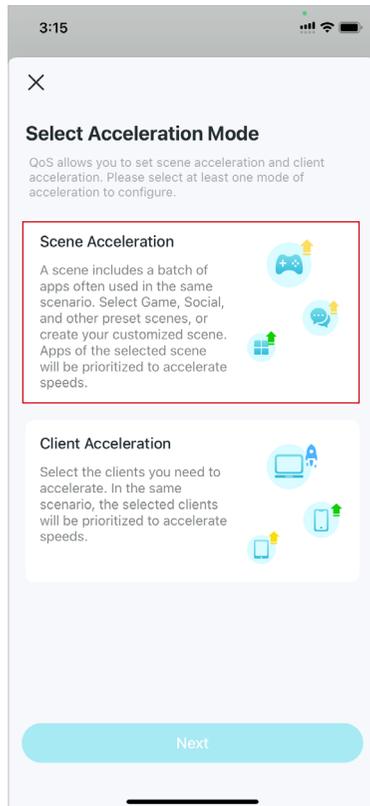


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

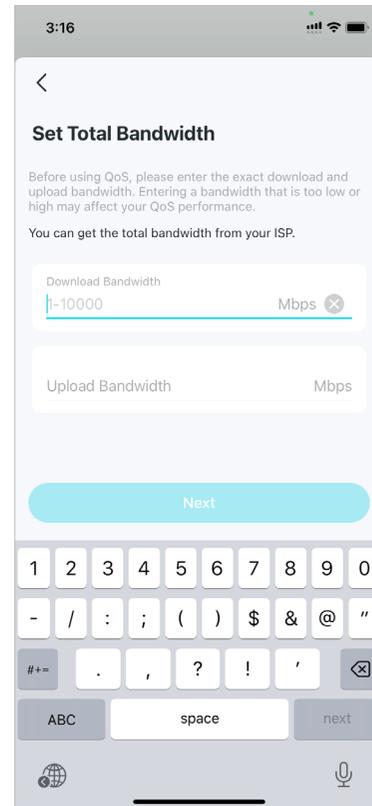
- **Scene Acceleration Mode**

Select a scene that contains a batch of frequently used apps, and these apps will be prioritized for acceleration.

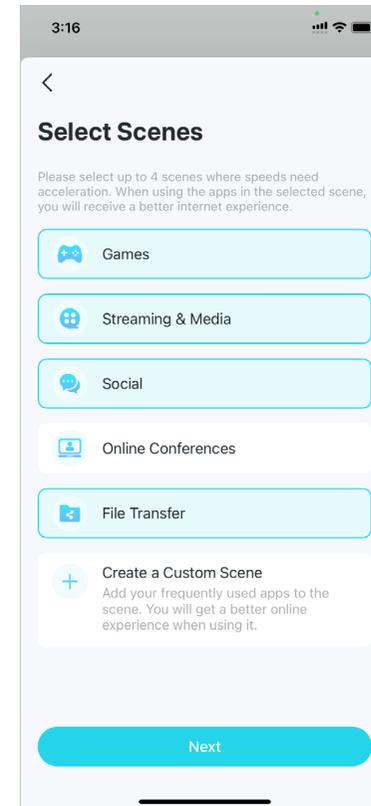
1. Select **Scene Acceleration**.



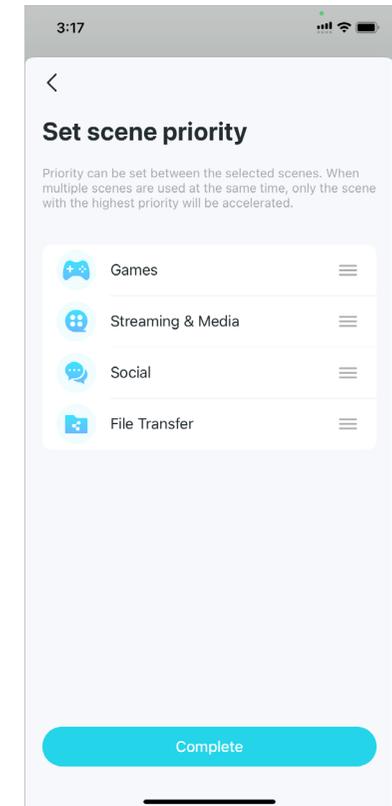
2. Set the total bandwidth provided by your ISP.



3. Select up to 4 scenes where speeds need acceleration.

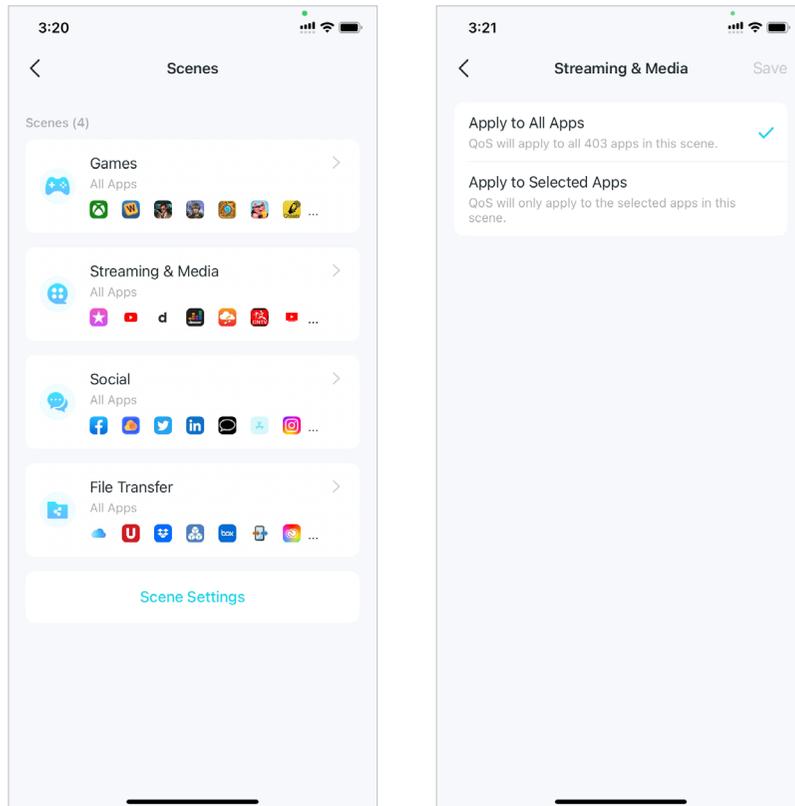


4. Set priority between the selected scenes.



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

5. When complete, you can tap each scene to adjust the applied apps.

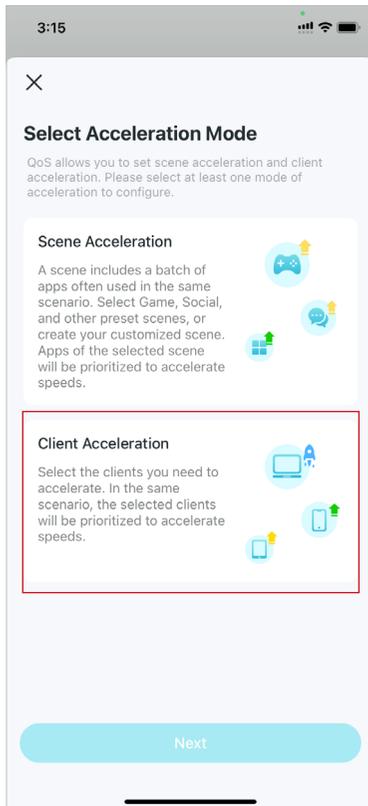


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

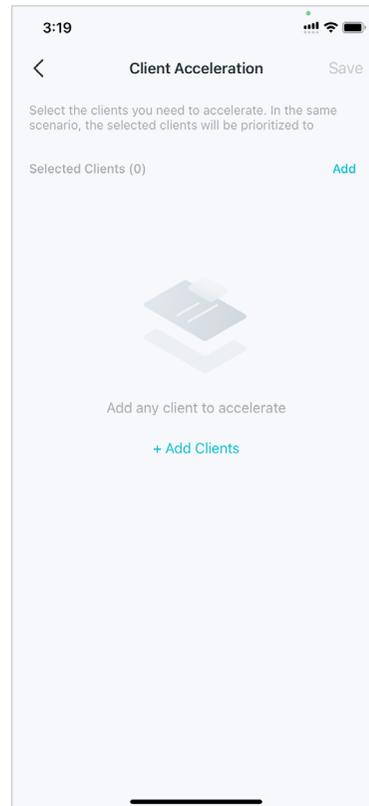
- **Client Acceleration Mode**

Select the clients you need to accelerate. In the same scenario, the selected clients will be prioritized.

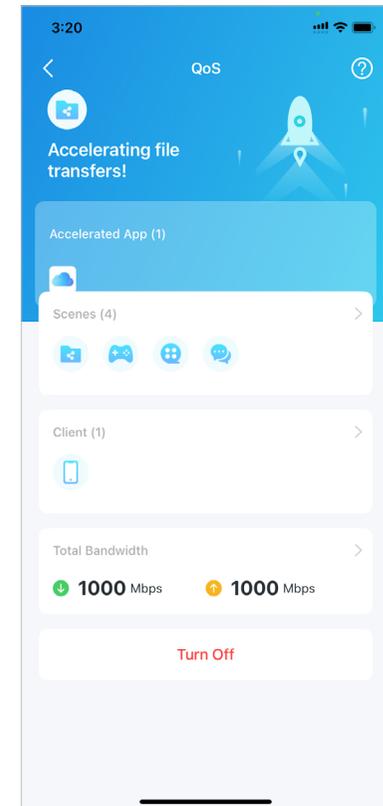
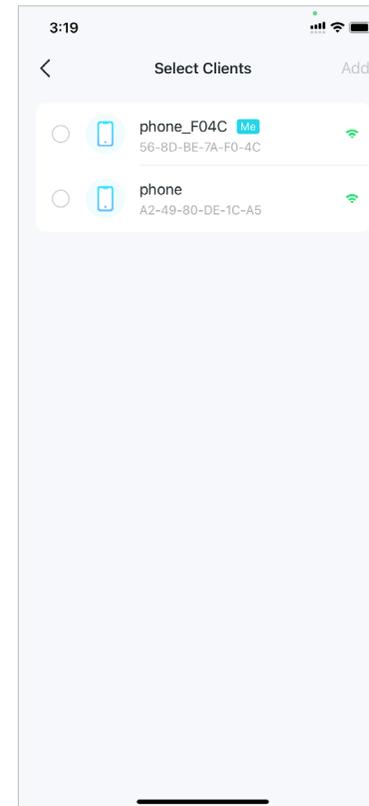
1. Select **Client Acceleration**.



2. Tap **Add Clients**.



3. Select the clients needed acceleration and save. Then the selected clients will be prioritized.



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

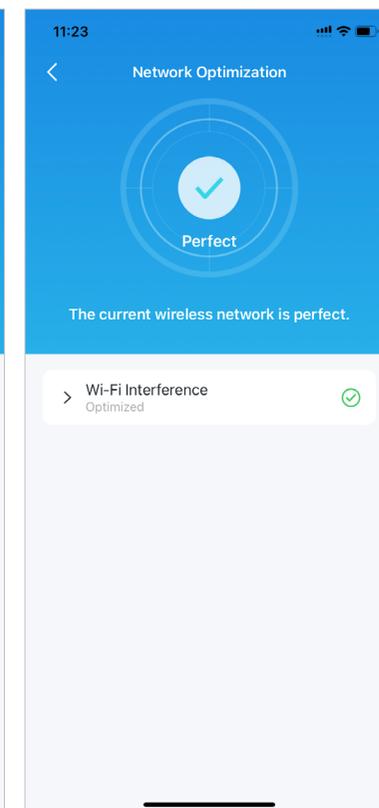
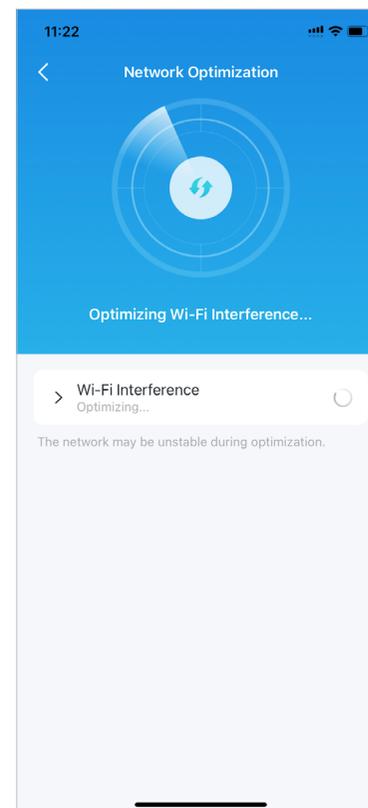
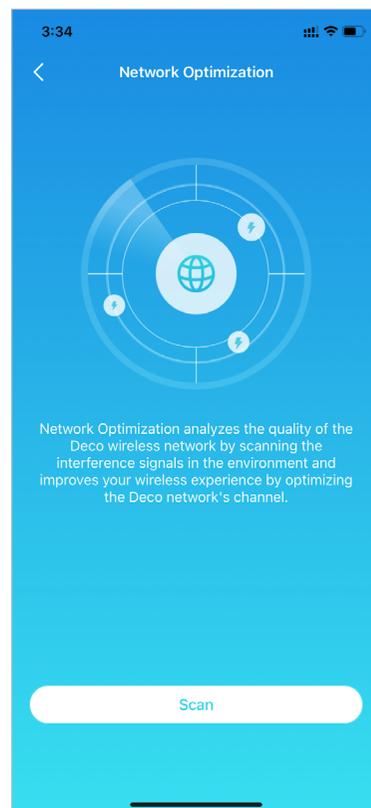
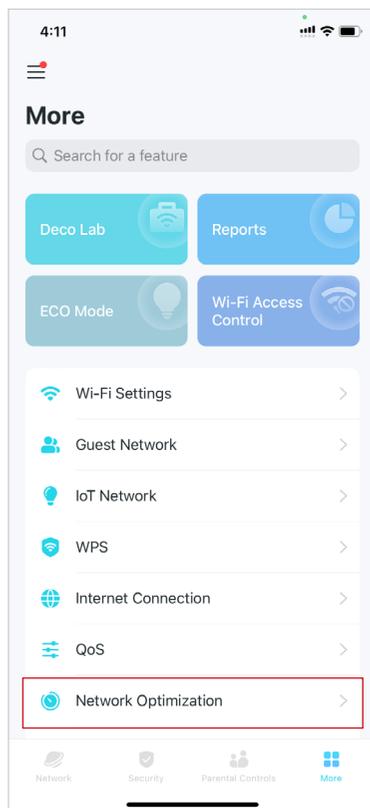
Network Optimization

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.

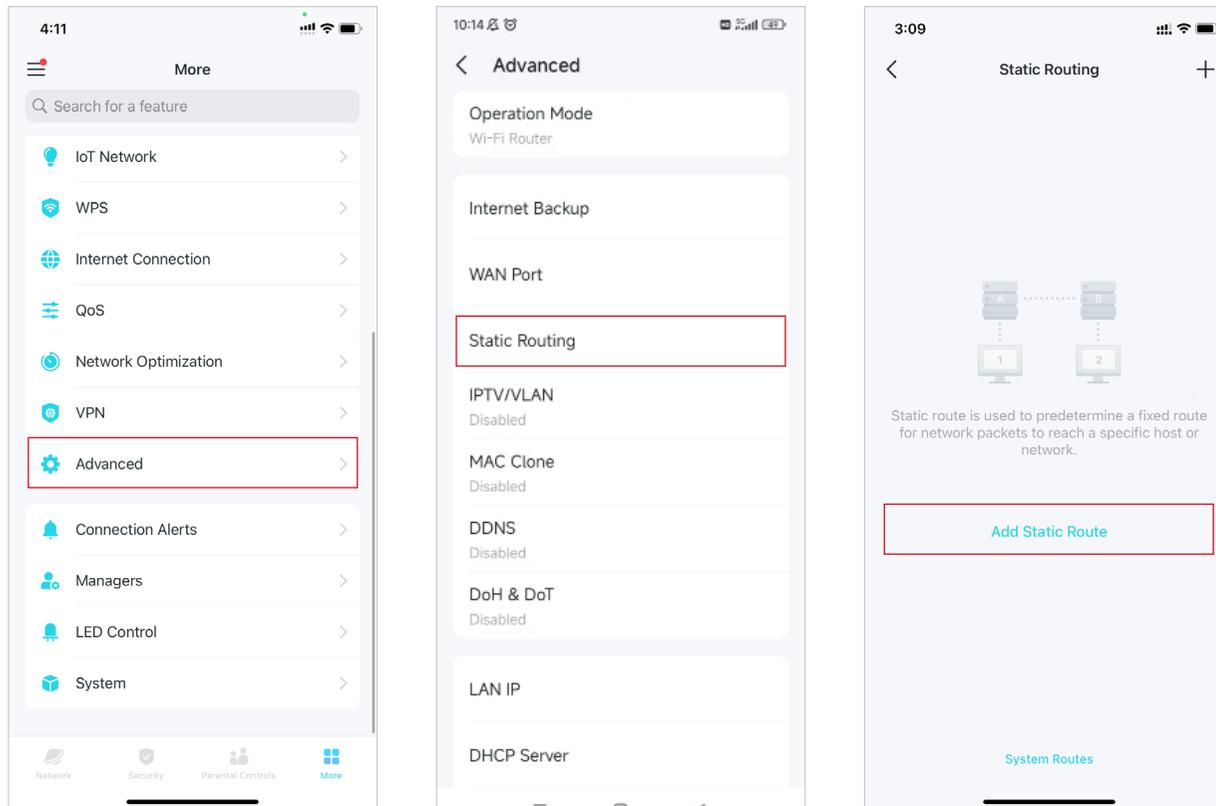


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

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.

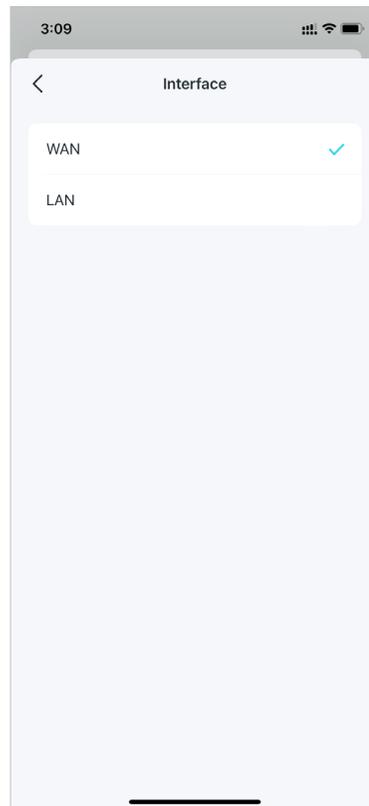
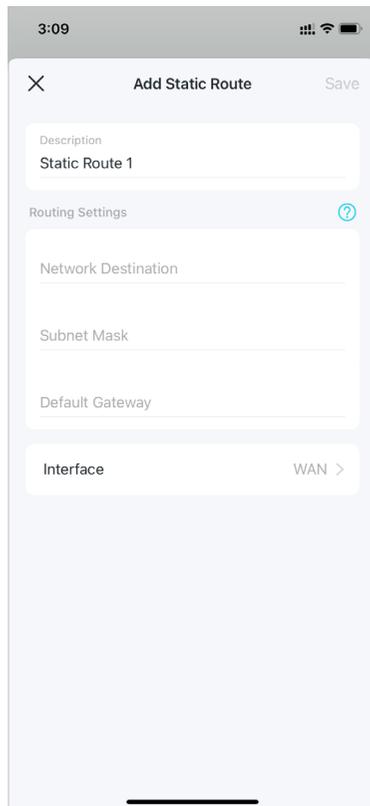
1. Go to [More](#) > [Advanced](#) > [Static Routing](#), and tap [Add Static Route](#).



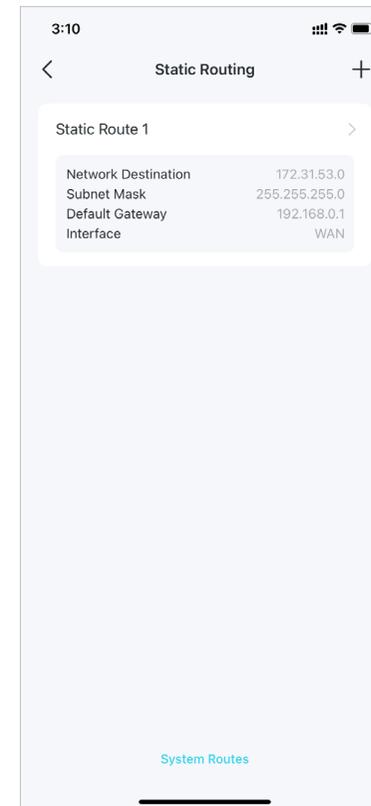
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

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



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

Use VPN Client to Access a Remote VPN Server

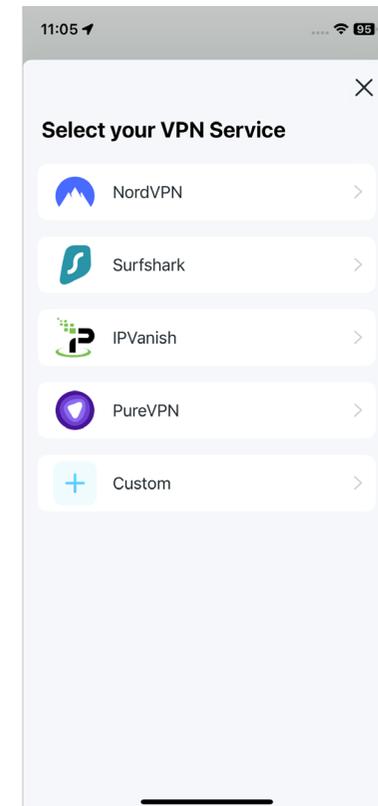
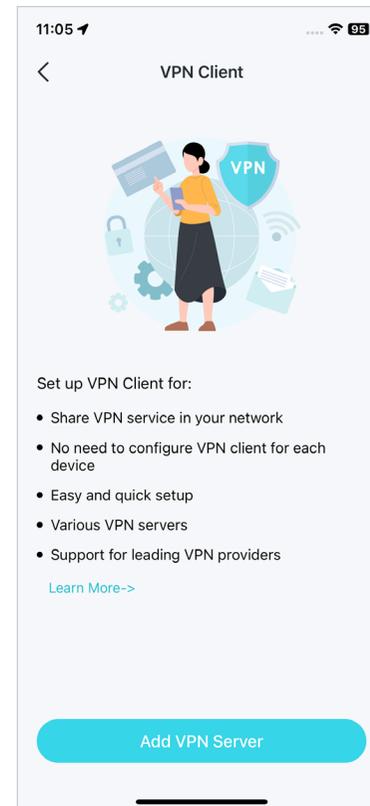
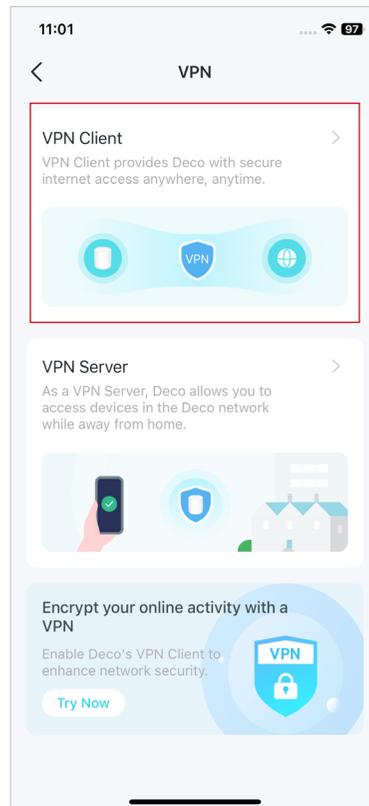
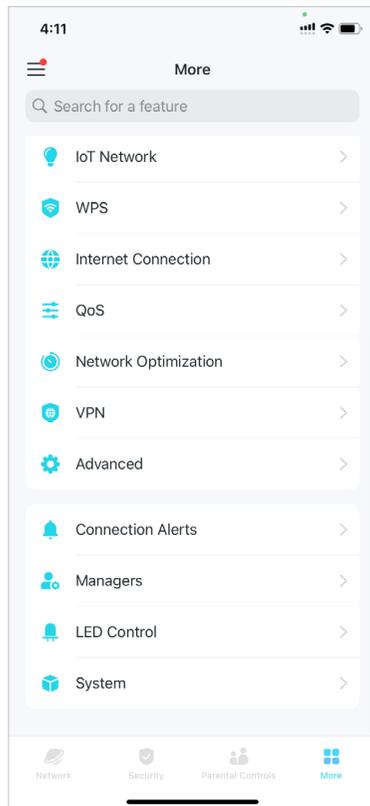
VPN Client is used to create VPN connections for devices in your home network to access a remote VPN server.

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](#) > [VPN](#) > [VPN Client](#).

2. Tap [Add VPN Server](#).

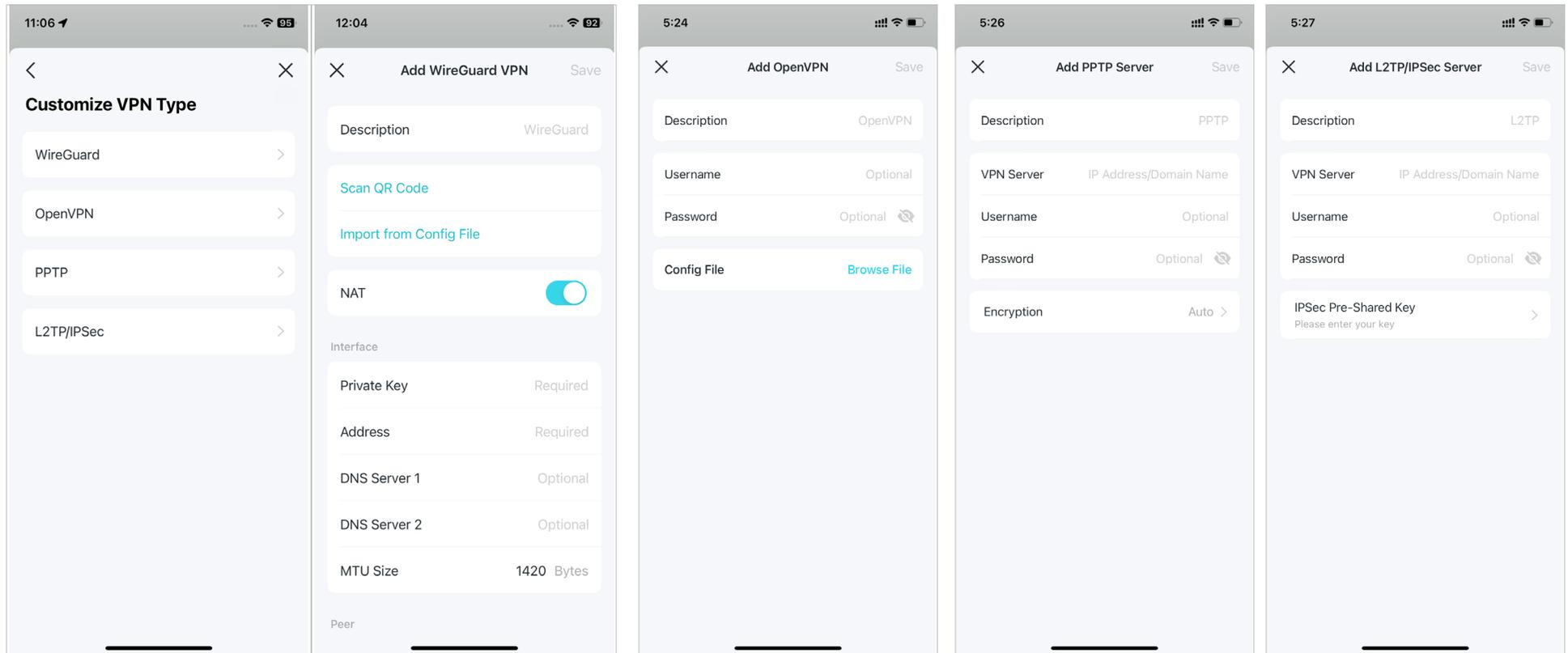
3. Select your VPN service and follow instructions to complete the settings.



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

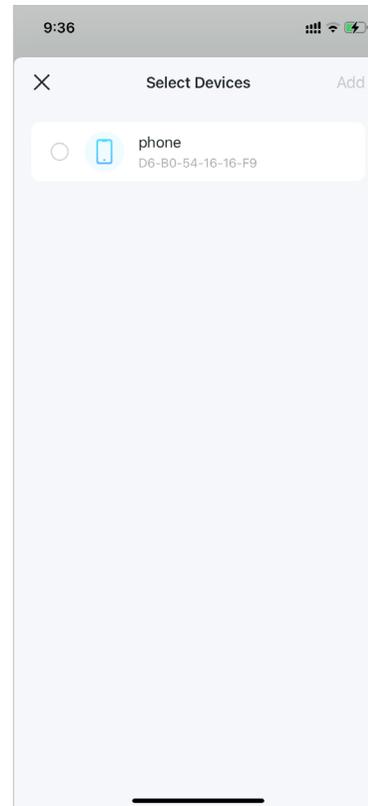
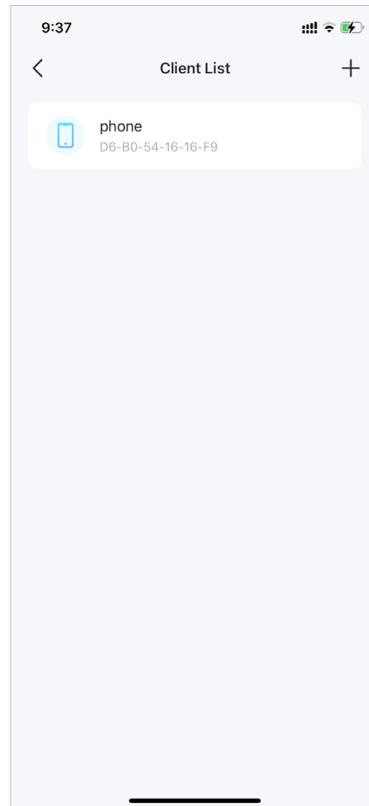
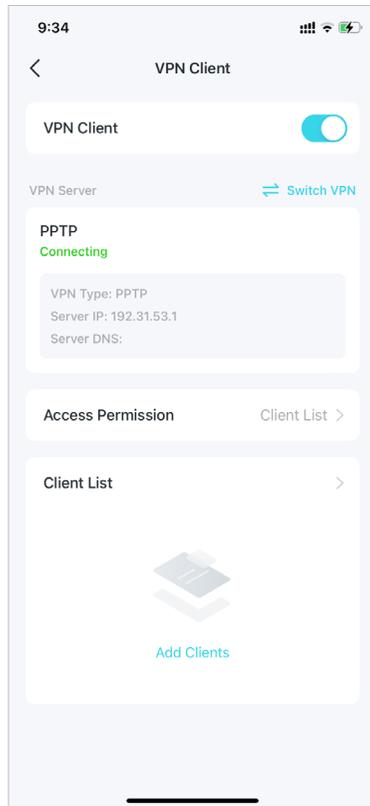
4. Tap **Custom** and customize the VPN type. Then enter the VPN information provided by your VPN provider and save the settings.

- **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.

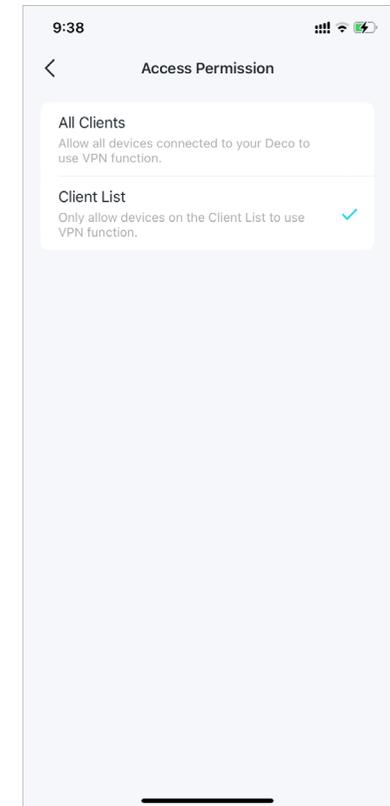


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

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



6. 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.

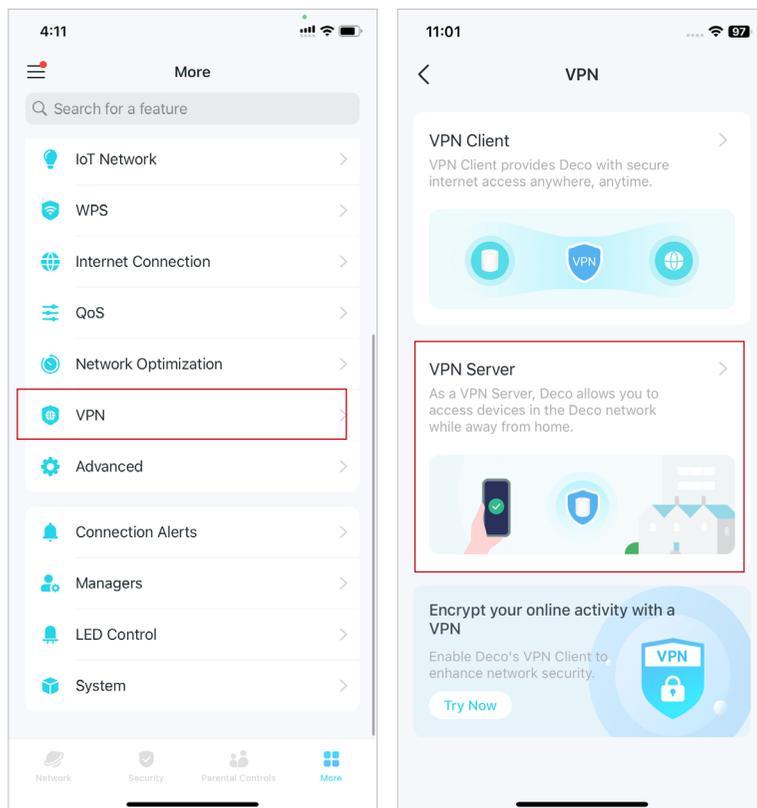
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

Use WireGuard VPN to Access Your Home Network

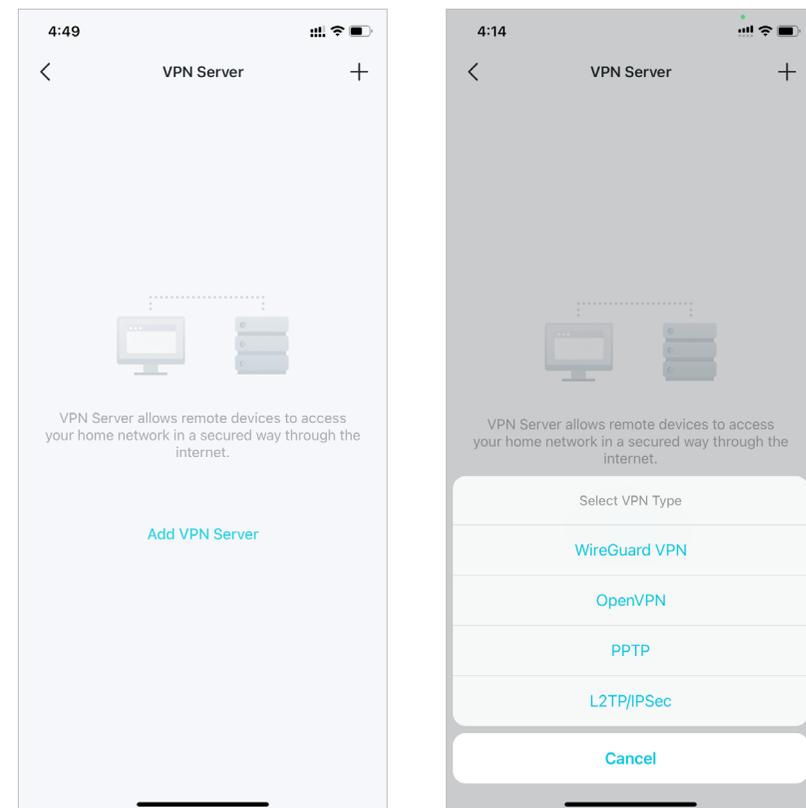
WireGuard VPN Server is used to create a WireGuard VPN connection for remote devices to access your home network.

Follow the steps below to set up an WireGuard VPN connection.

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



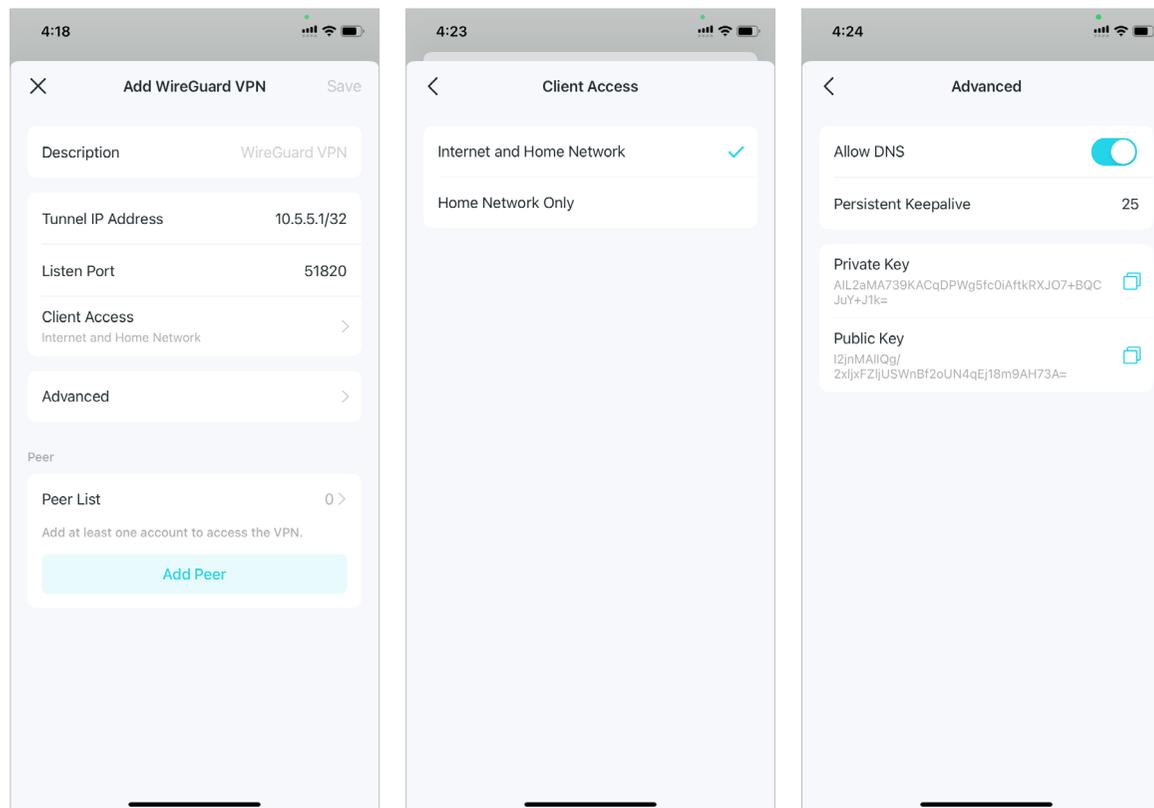
2. Tap [Add VPN Server](#) and select [WireGuard VPN](#).



* 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.

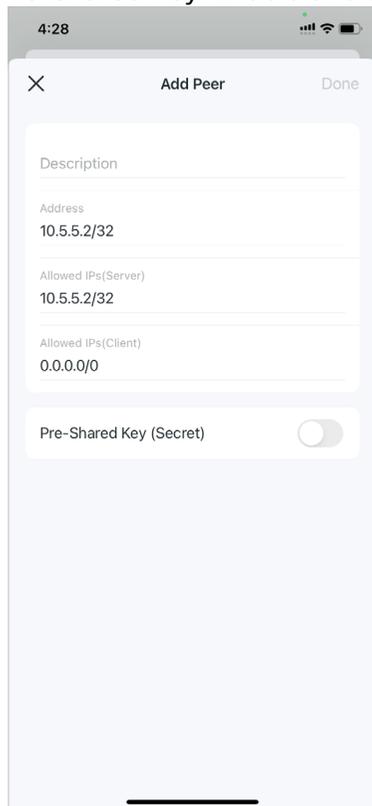
- **Description:** Enter a name for this WireGuard VPN.
- **Tunnel IP Address and Listen Port:** Usually automatically filled in. Do NOT change it unless necessary.
- **Client Access:** Select your client access type. Select [Home Network Only](#) if you only want the remote device to access your home network. Select [Internet and Home Network](#) if you also want the remote device to access internet through the VPN server.
- **(Optional) Advanced Settings:** If [DNS](#) is turned on, the Deco will become the DNS server of the VPN client that establishes a connection with it. Change the [Persistent Keepalive](#) time (25 seconds by default) to send out heartbeat regularly.



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

4. Tap [Add Peer](#) to create accounts that can be used by remote clients to connect to the VPN server.

- **Description:** Enter a name for this account.
- **Address:** View the address of the virtual interface assigned to this account. Do NOT change it unless necessary.
- **Allowed IPs (Server):** Traffic sent from the WireGuard VPN server to the allowed IPs (server) will be transmitted through the tunnel. Do NOT change it unless necessary.
- **Allowed IPs (Client):** Traffic sent from the WireGuard VPN client to the allowed IPs (client) will be transmitted through the tunnel. By default, all network traffic from clients will be transmitted through the tunnel. Do NOT change it unless necessary.
- **Pre-shared Key:** Enable or disable Pre-shared Key.



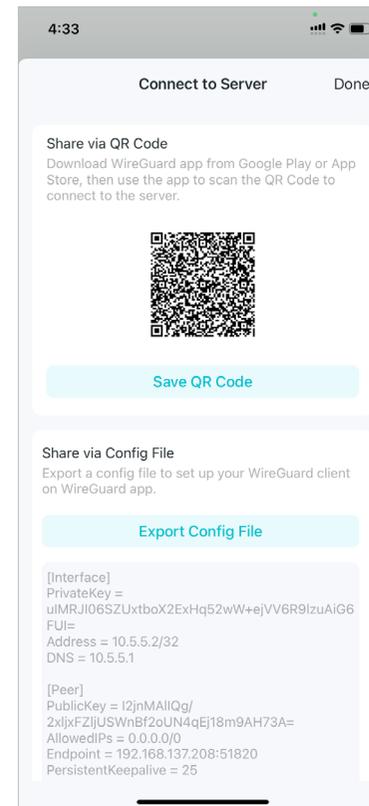
5. Save the settings and you can connect to the WireGuard Server.

- **For mobile phones:**

Download WireGuard App from Google Play or Apple Store, then use the App to scan the QR Code to connect to this server.

- **For other devices (e.g. TP-Link WireGuard VPN client):**

Click [Export Config File](#) to save the WireGuard VPN configuration file which will be used by the remote device to access your Deco.



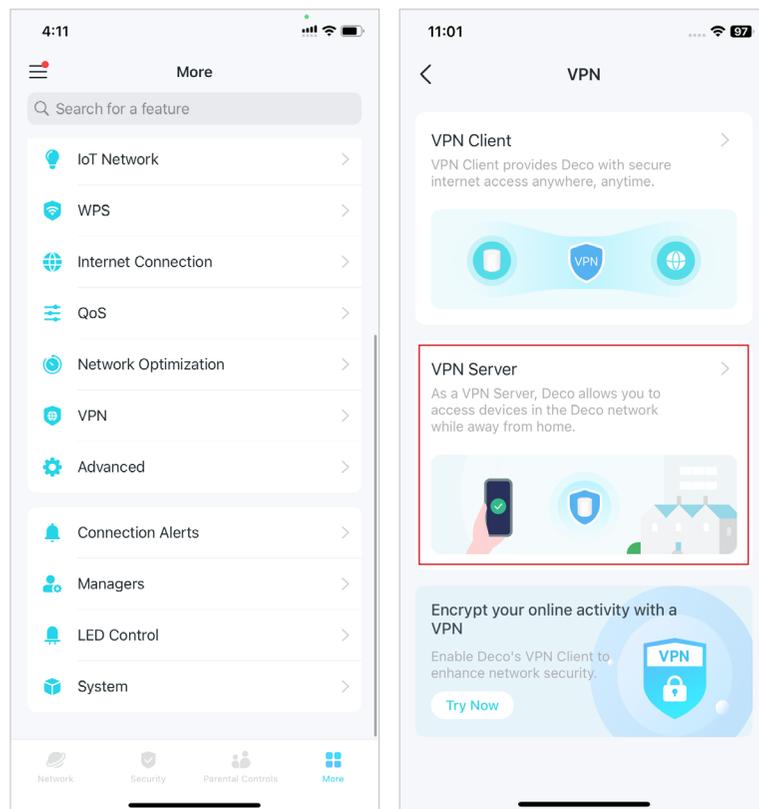
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

Use OpenVPN to Access Your Home Network

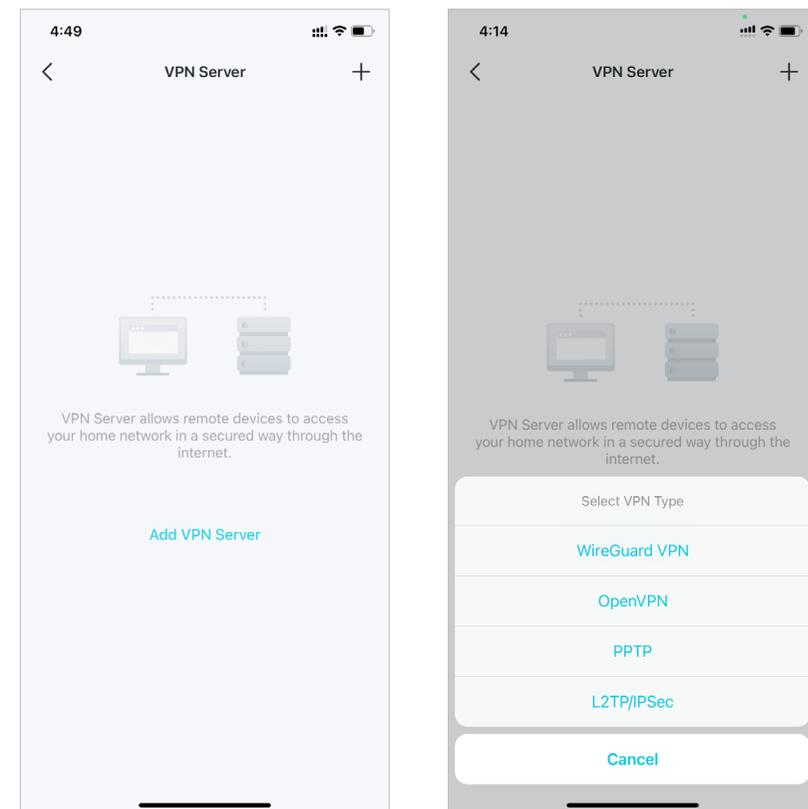
OpenVPN Server is used to create an OpenVPN connection for remote devices to access your home network.

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](#) > [VPN](#) > [VPN Server](#).



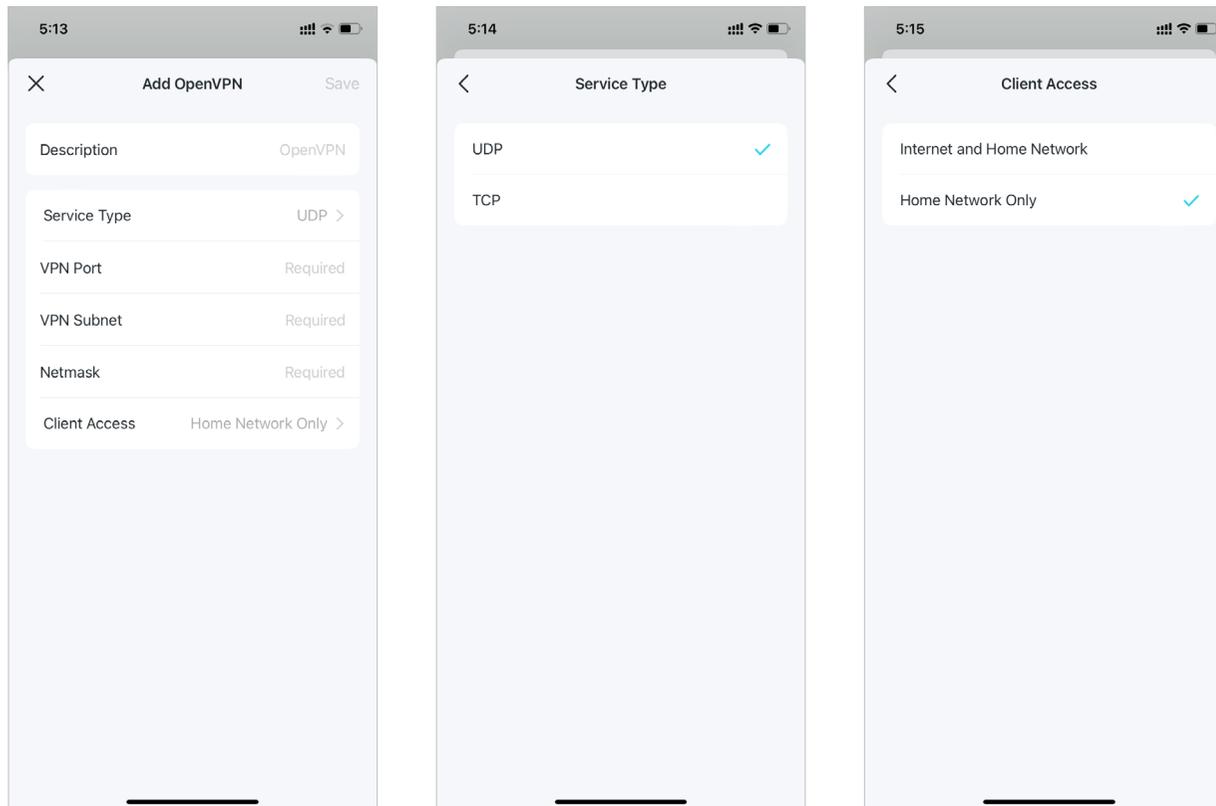
2. Tap [Add VPN Server](#) and select [OpenVPN](#).



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

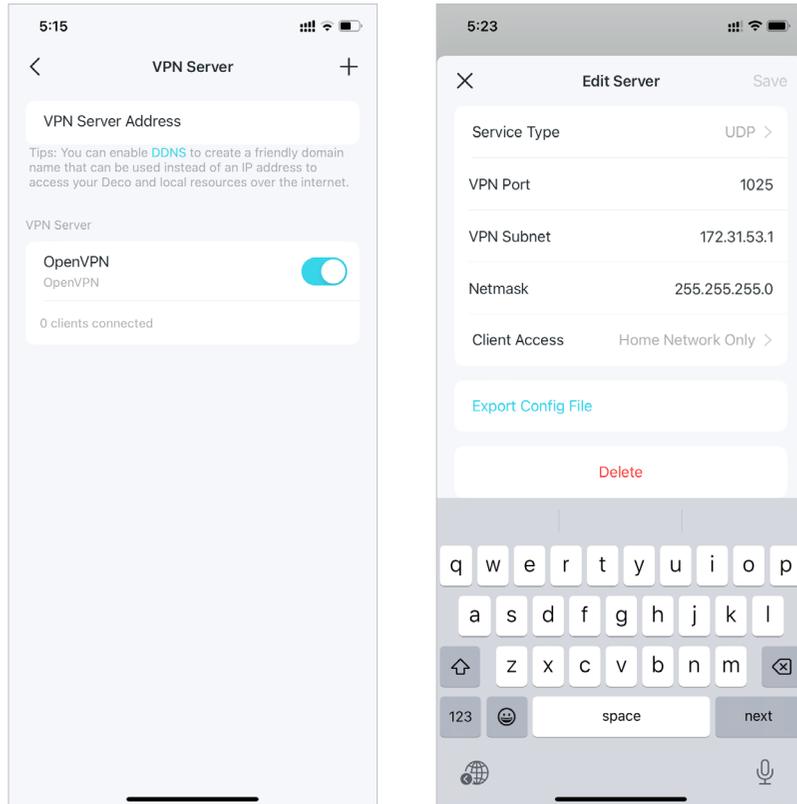
3. Enter the necessary information and save the settings.

- **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

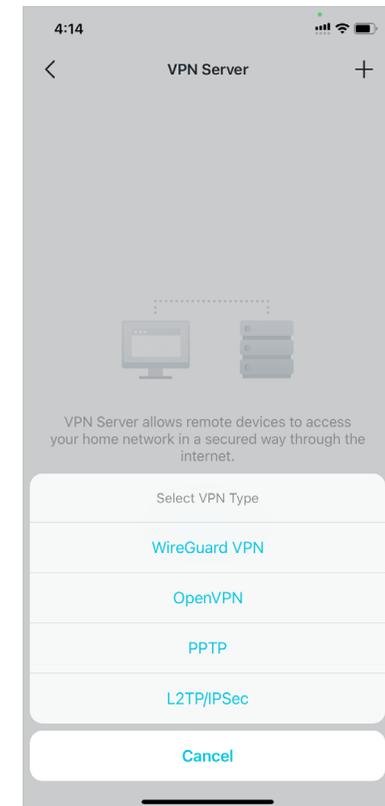
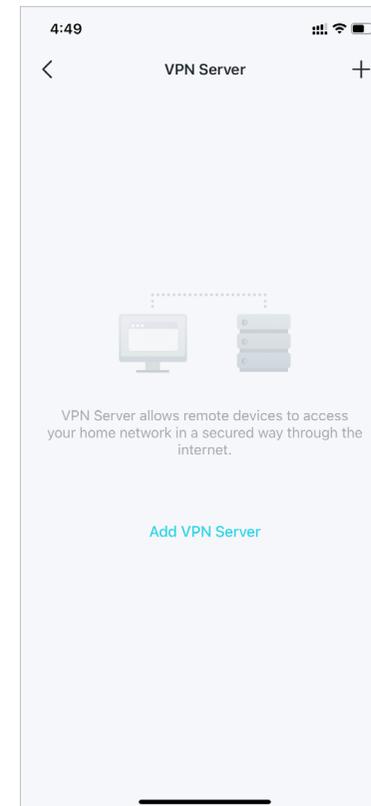
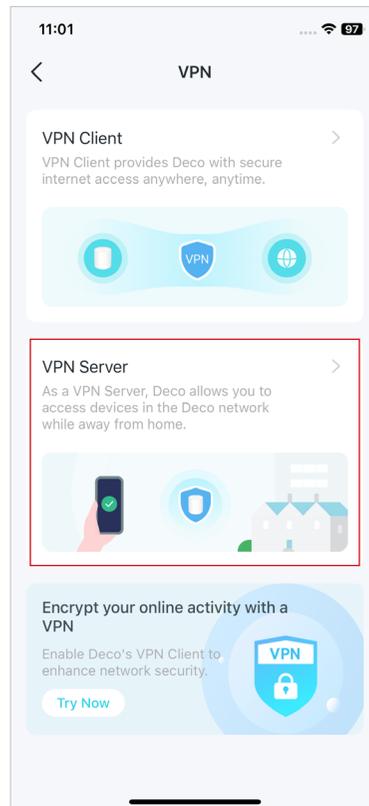
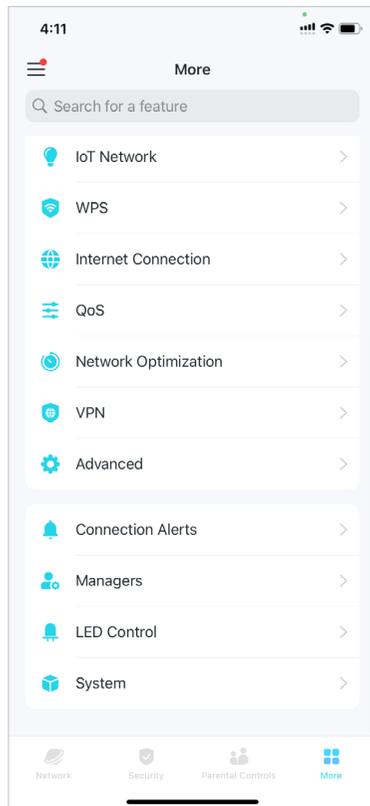
PPTP VPN Server is used to create a PPTP VPN connection for remote devices to access your home network.

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](#) > [VPN](#) > [VPN Server](#).

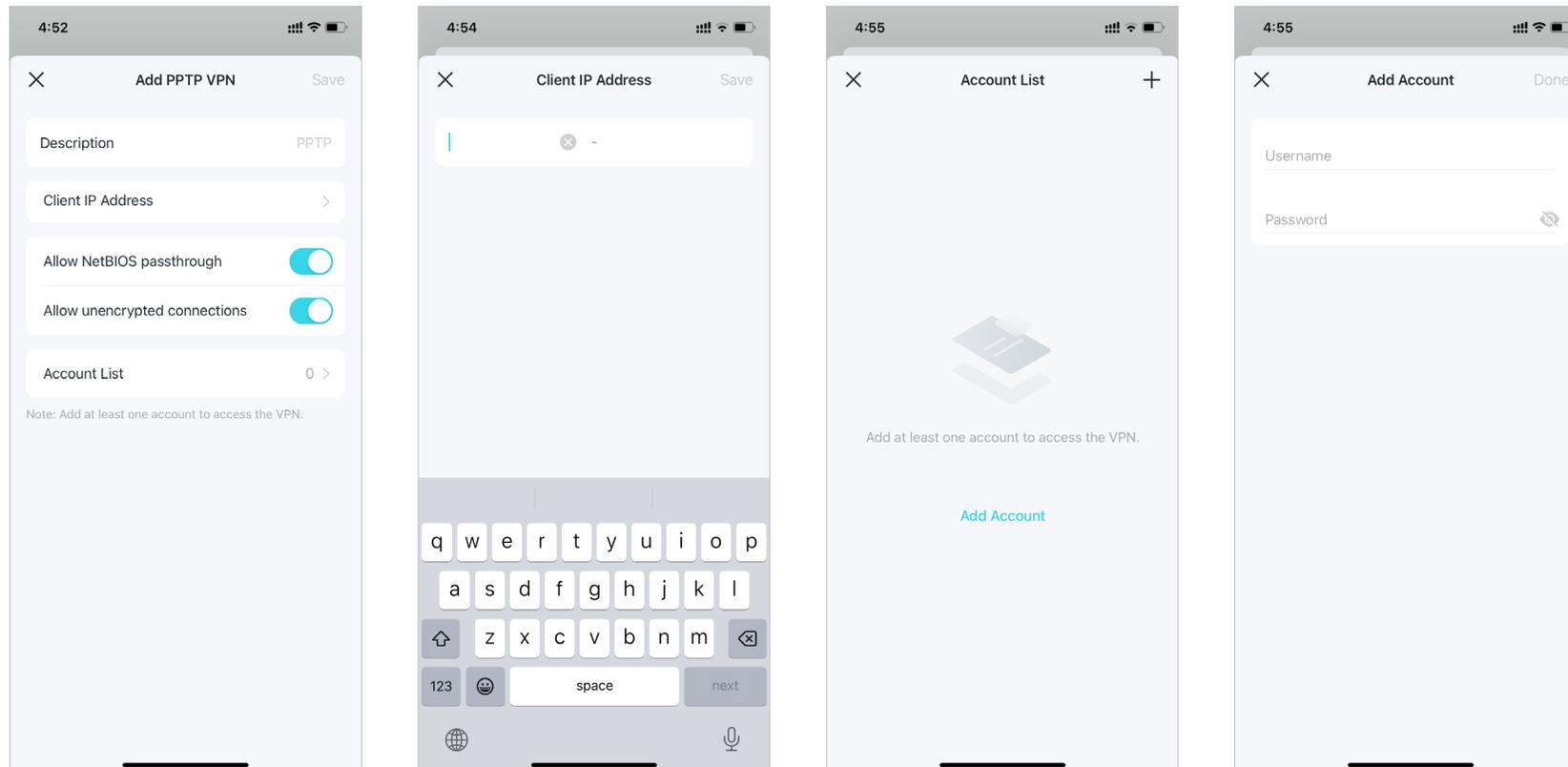
2. Tap [Add VPN Server](#) and select [PPTP](#).



* 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.

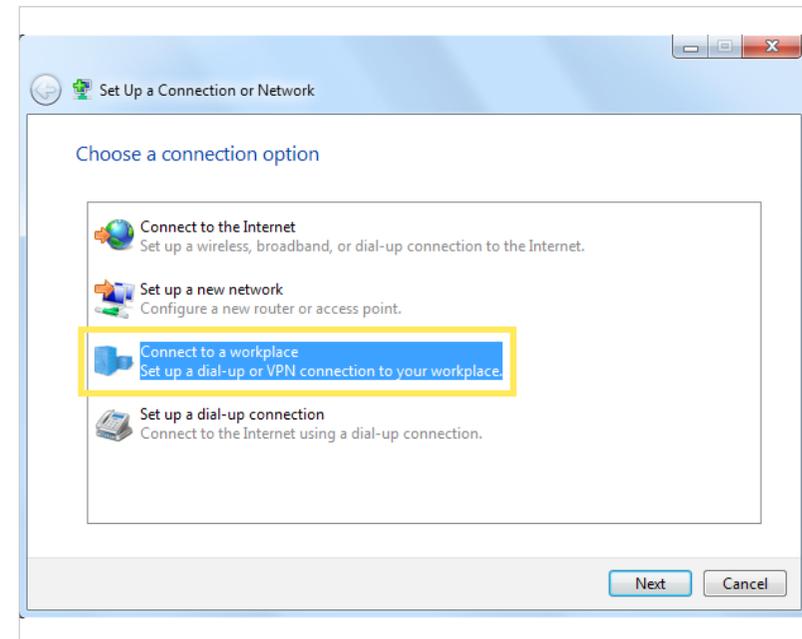
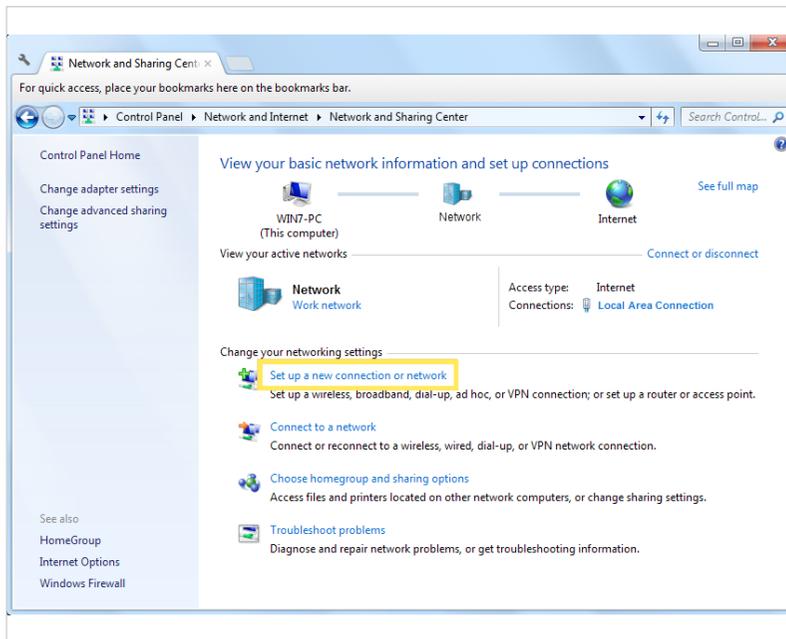


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

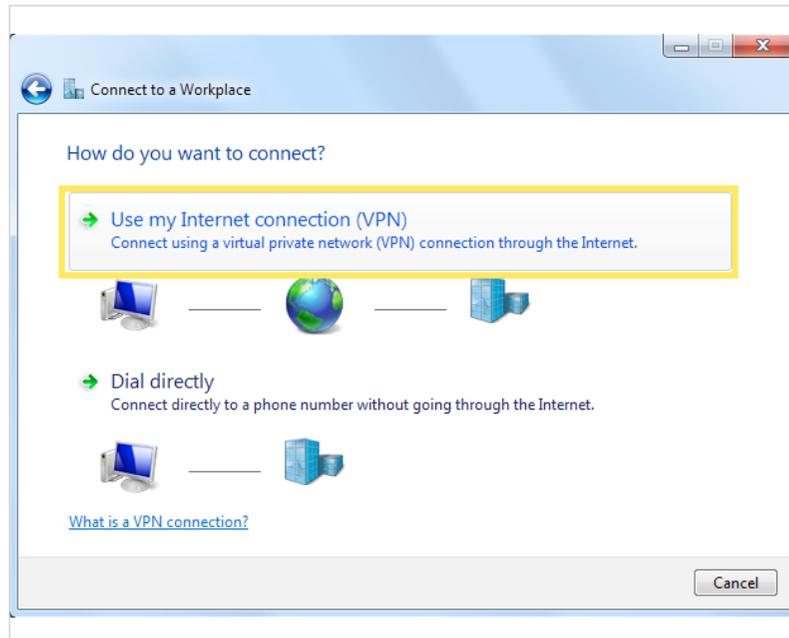
4. Now you need to configure PPTP VPN on your remote device. The remote device can use the Windows built-in PPTP software or a third-party PPTP software to connect to PPTP Server. Here we use the Windows built-in PPTP software as an example.

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

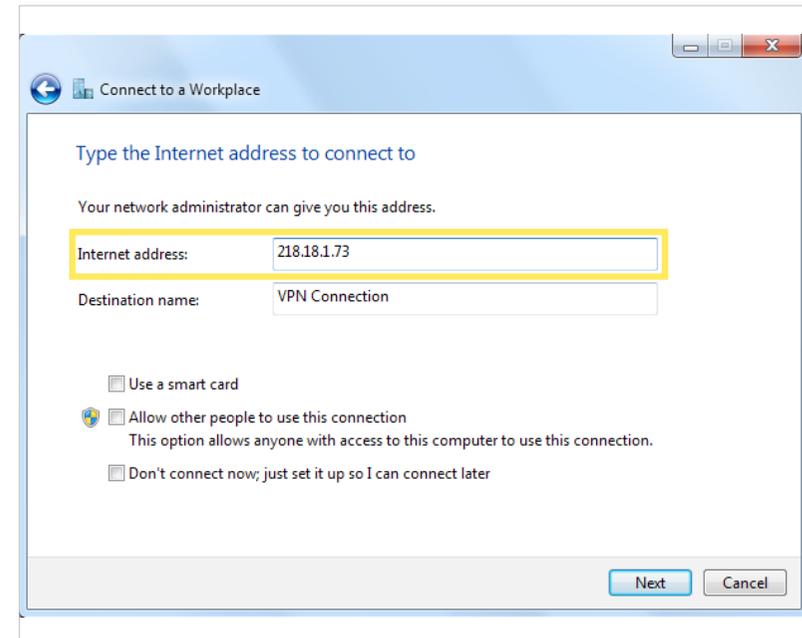
(2) Select [Connect to a workplace](#) and click [Next](#).



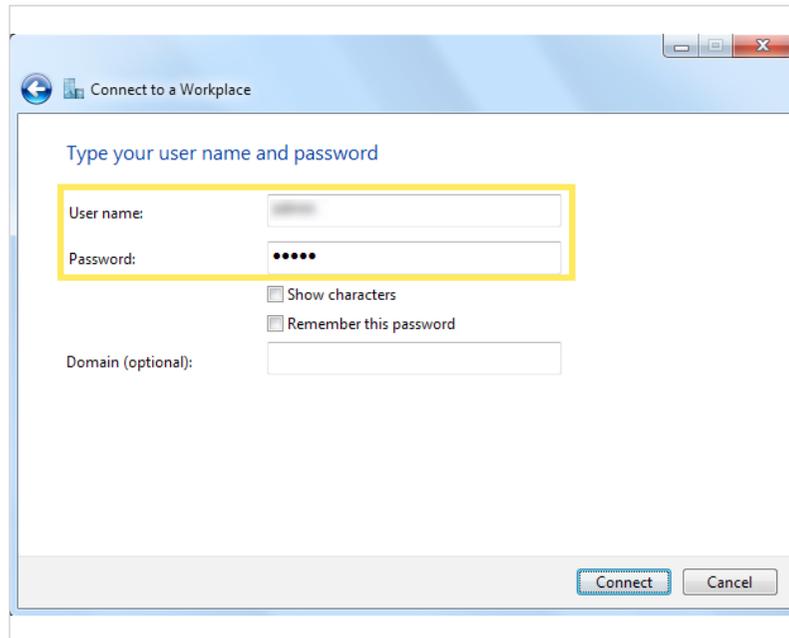
(3) Select [Use my Internet connection \(VPN\)](#).



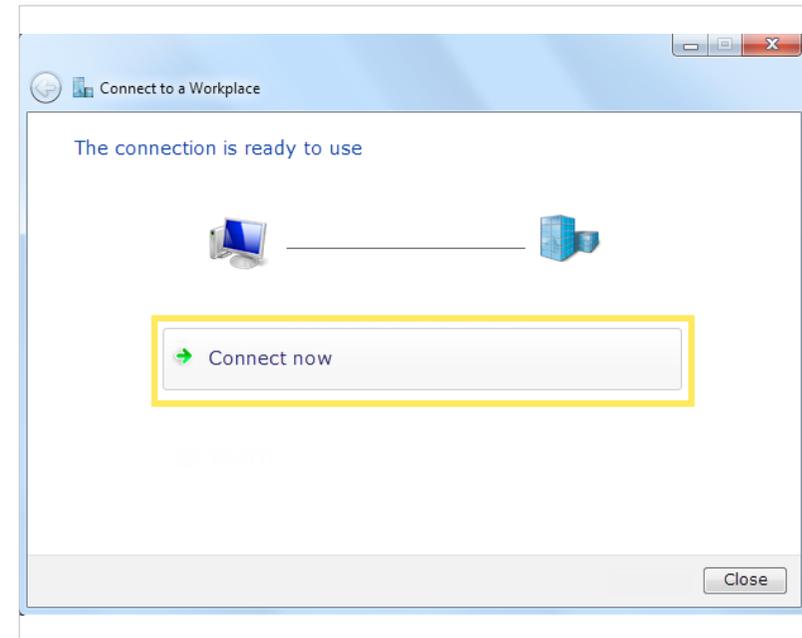
(4) Enter the internet IP address of the router in the [Internet address](#) field. Click [Next](#).



(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

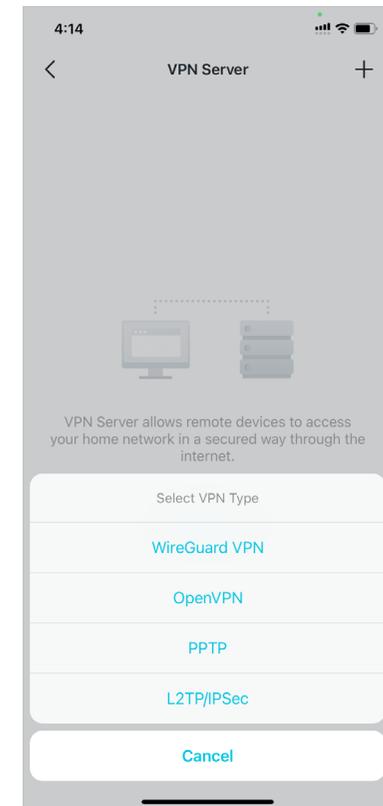
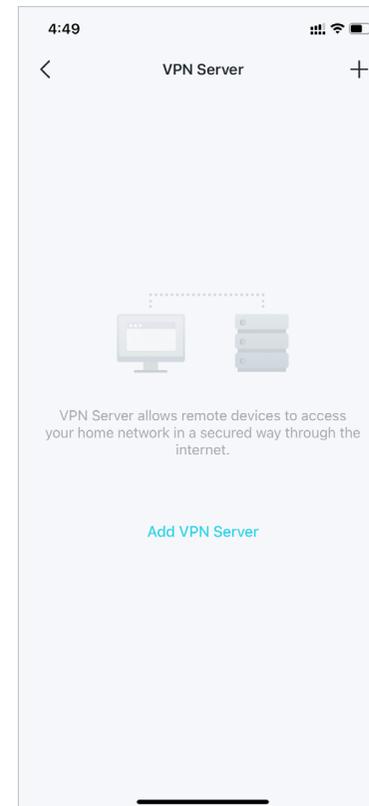
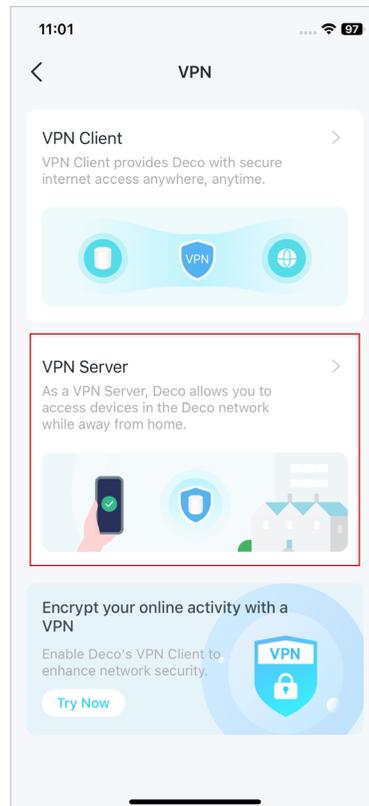
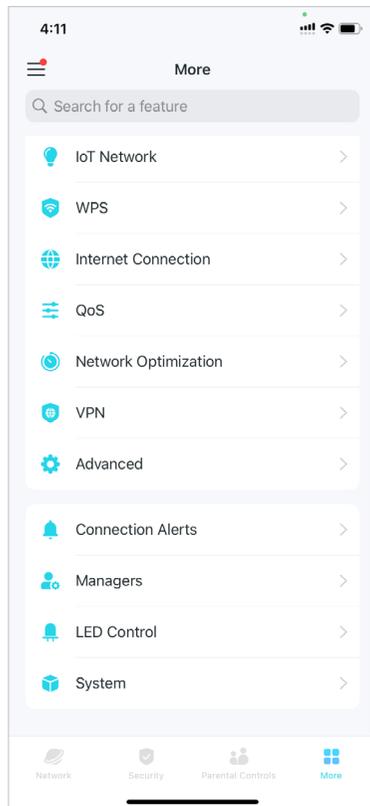
L2TP/IPSec VPN Server is used to create a L2TP/IPSec VPN connection for remote devices to access your home network.

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](#) > [VPN](#) > [VPN Server](#).

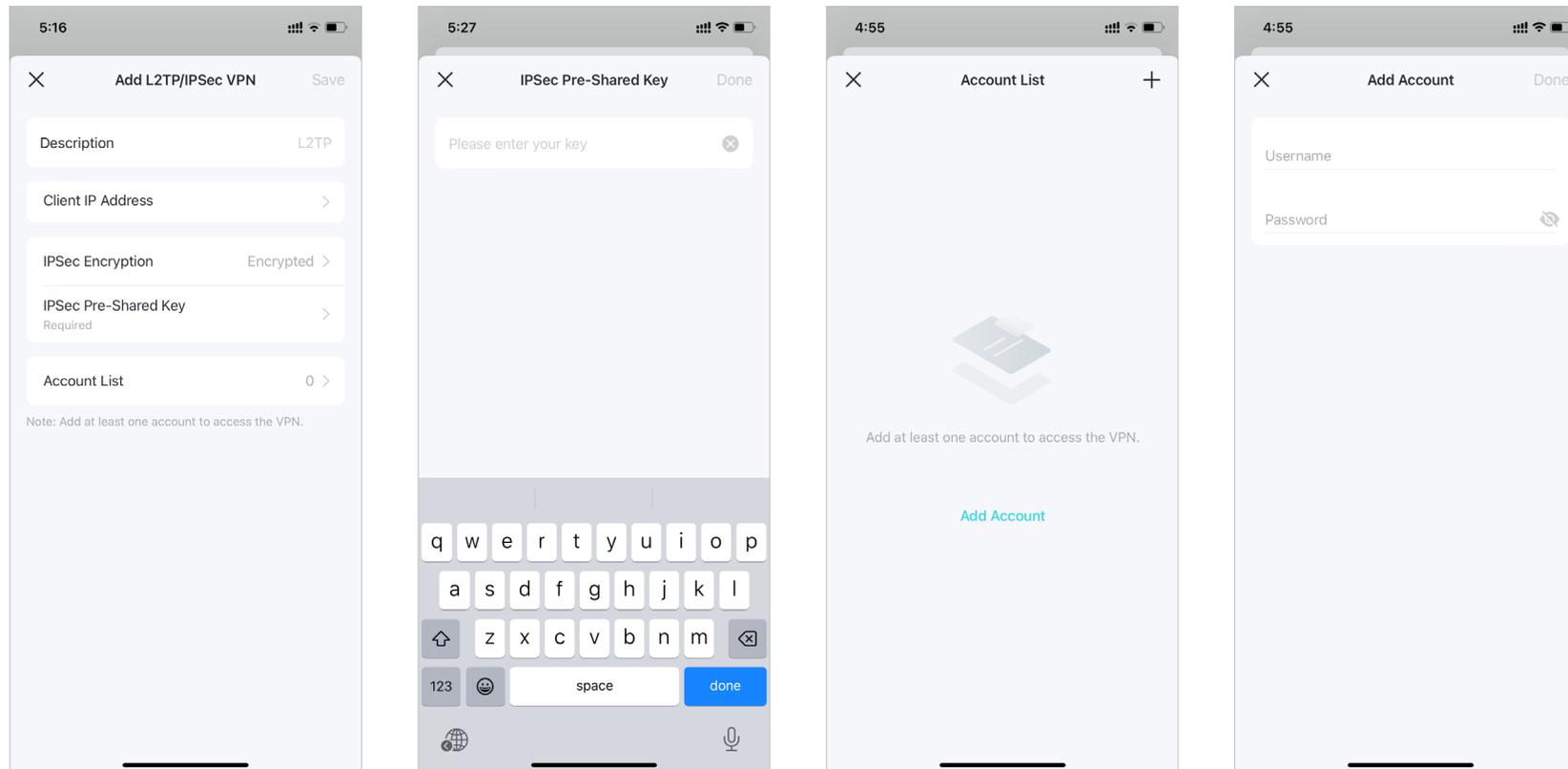
2. Tap [Add VPN Server](#) and select [L2TP/IPSec](#).



* 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.

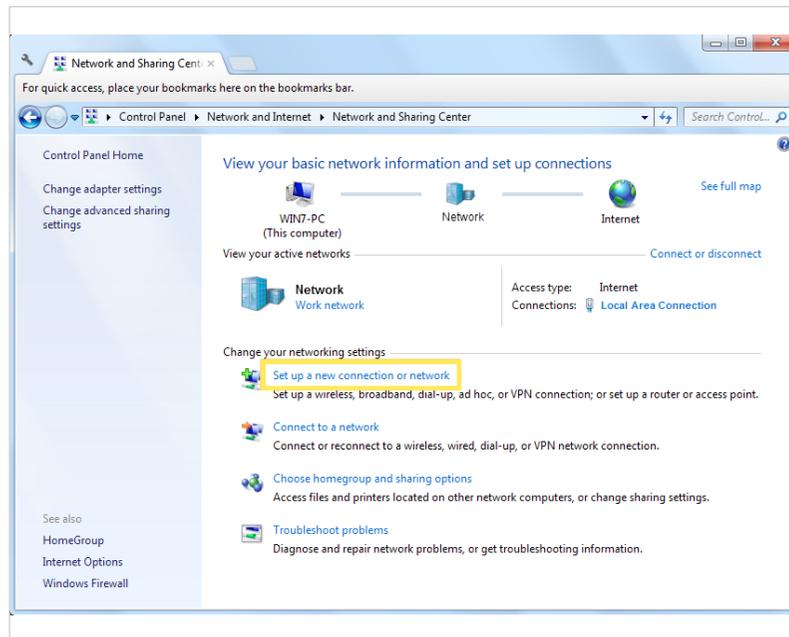
- **Description:** Enter a name for this VPN.
- **Client IP Address:** Enter the range of IP addresses (up to 10) that can be leased to the devices by the L2TP/IPSec VPN server.
- **IPSec Encryption/ IPSec Pre-Shared Key:** Keep IPSec Encryption as Encrypted and create an IPSec Pre-Shared Key.
- **Account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



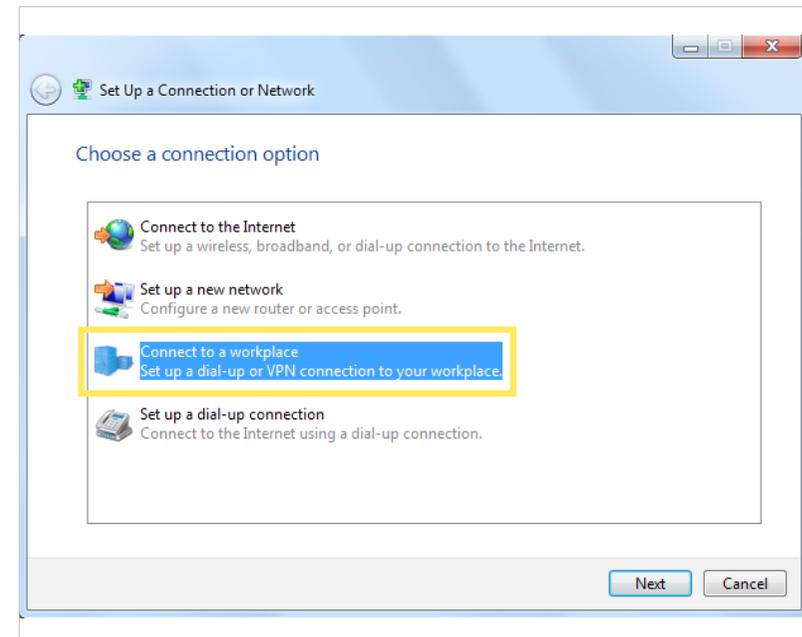
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

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.

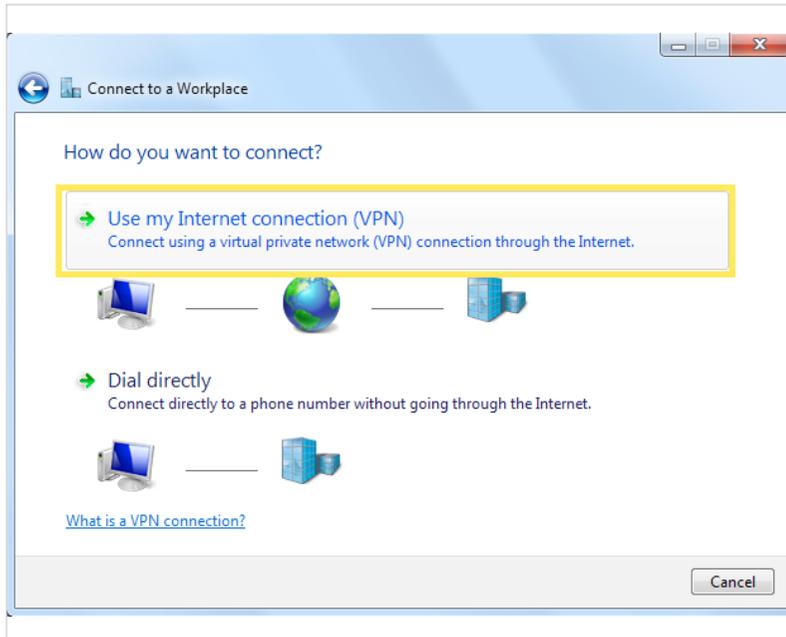
(1) Go to [Start > Control Panel > Network and Internet > Network and Sharing Center](#) and select [Set up a new connection or network](#).



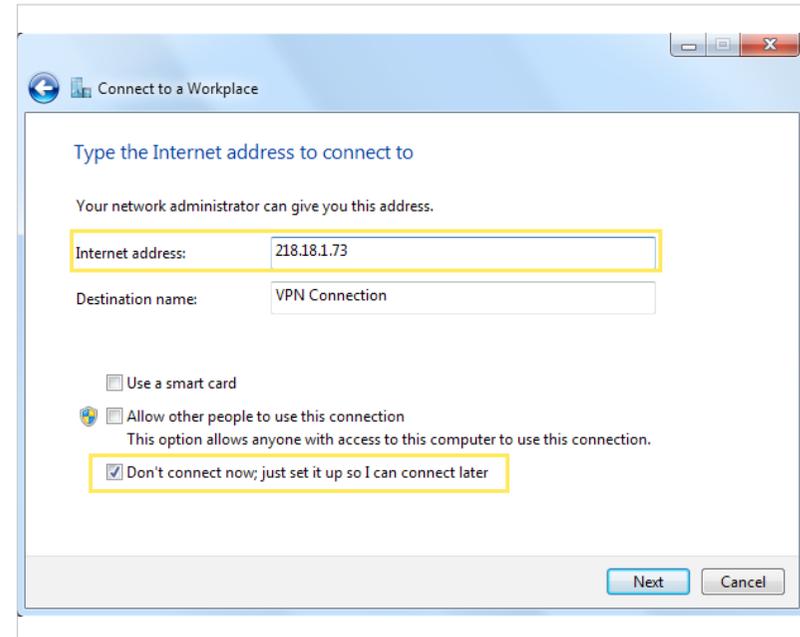
(2) Select [Connect to a workplace](#) and click [Next](#).



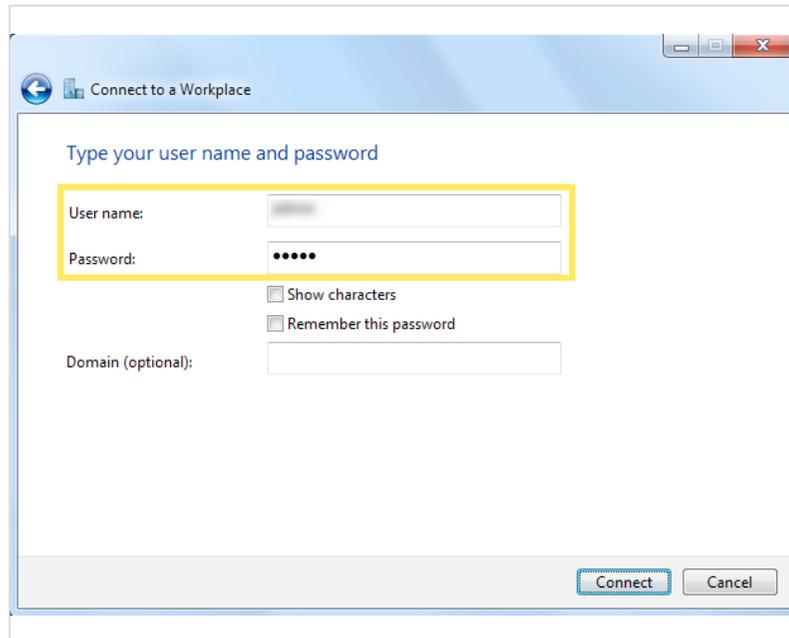
(3) Select [Use my Internet connection \(VPN\)](#).



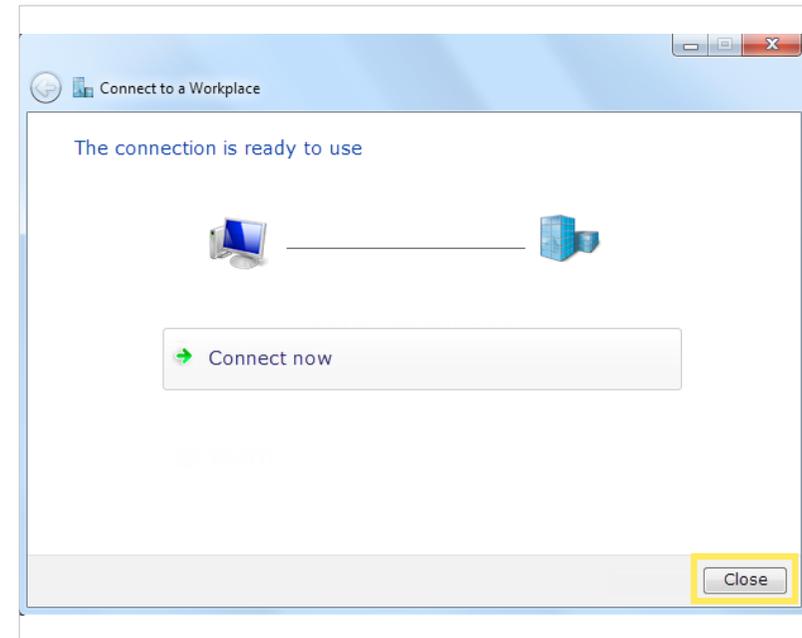
(4) Enter the internet IP address of the router in the [Internet address](#) field. Select [Don't connect now; just set it up so I can connect later](#). Then click [Next](#).



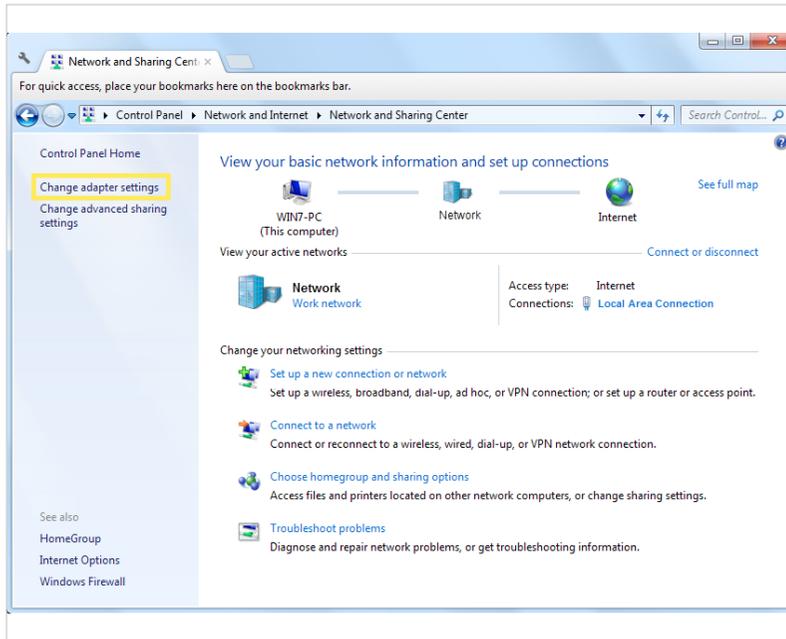
(5) Enter the User name and Password you have set for the L2TP/IPSec VPN server on your router, and click Connect.



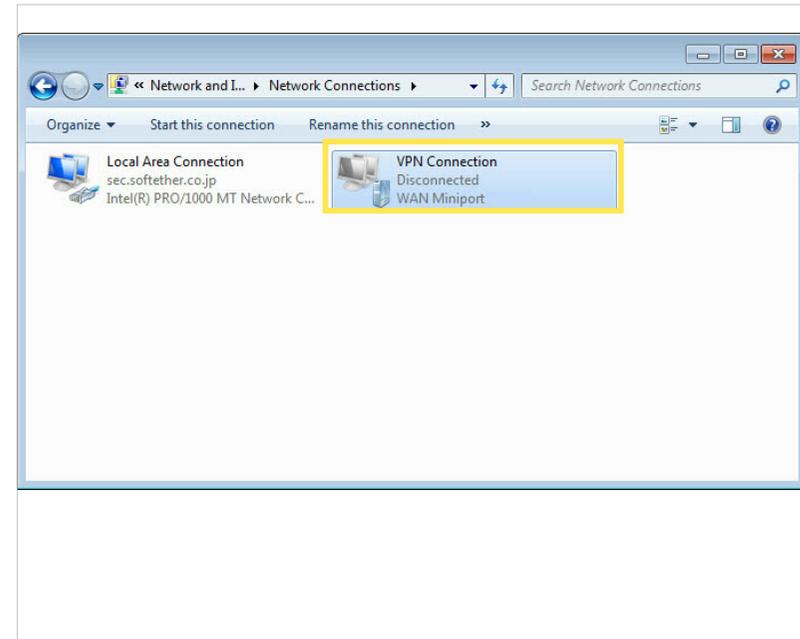
(6) Click Close when the VPN connection is ready to use.



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



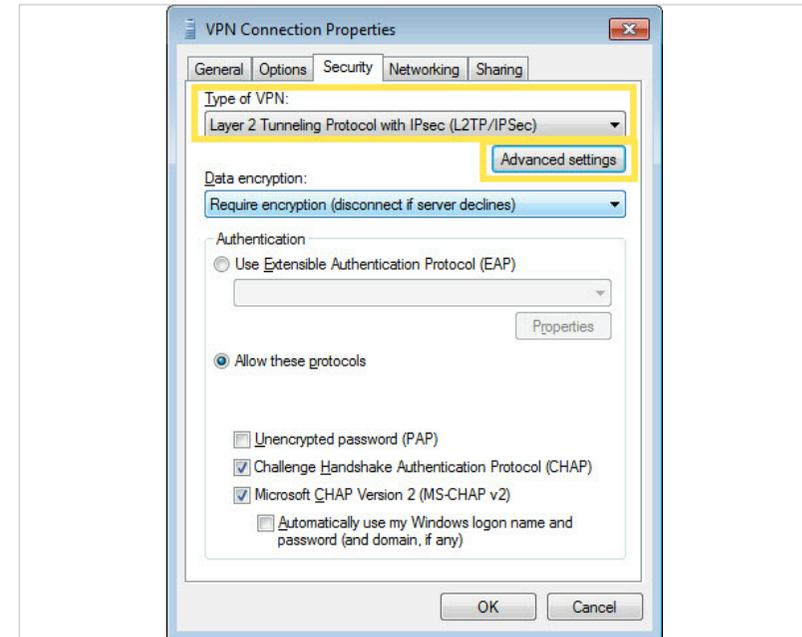
(8) Find the VPN connection you created, then double-click it.



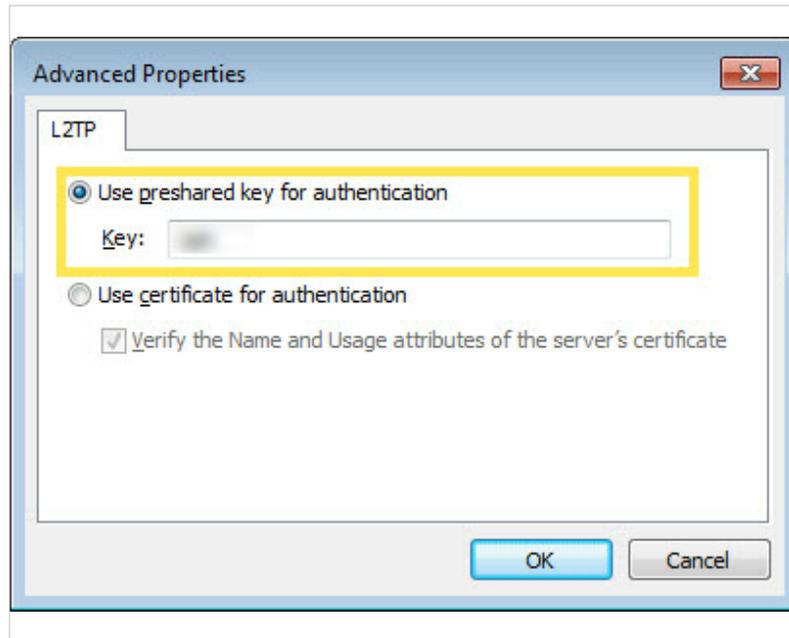
(9) Enter the Username and Password you have set for the L2TP/IPSec VPN server on your router, and click Properties.



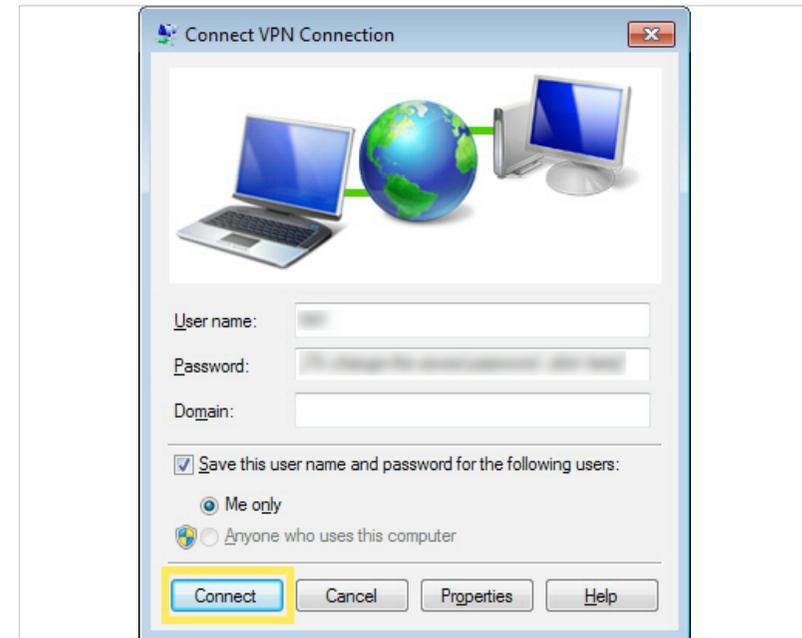
(10) Switch to the Security tab, select Layer 2 Tunneling Protocol with IPsec (L2TP/IPSec) and click Advanced settings.



(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.

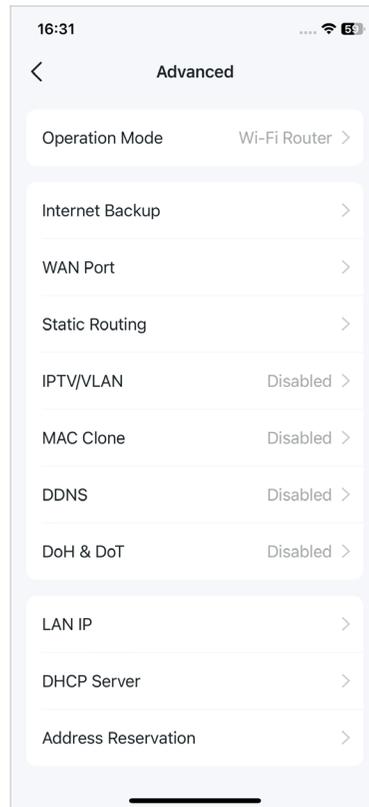
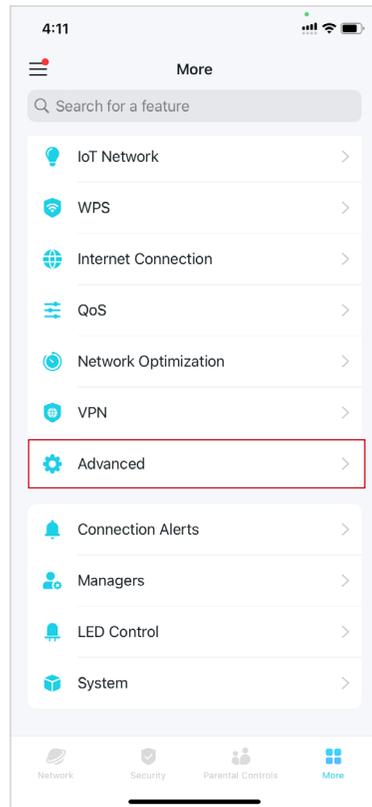
Advanced Features

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

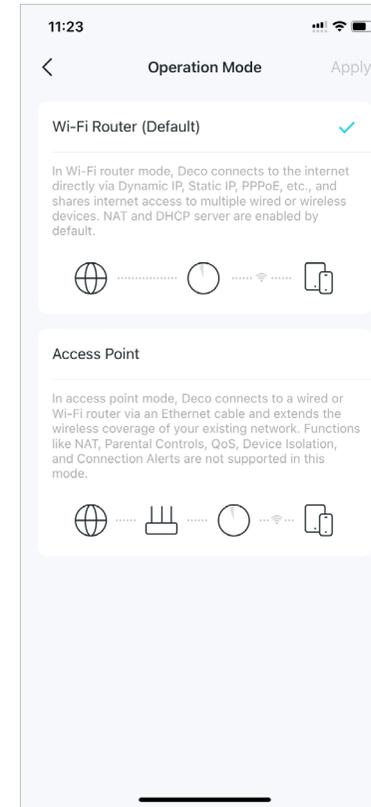
Tip: You can use the search box on the [More](#) page to quickly find the features you need.

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

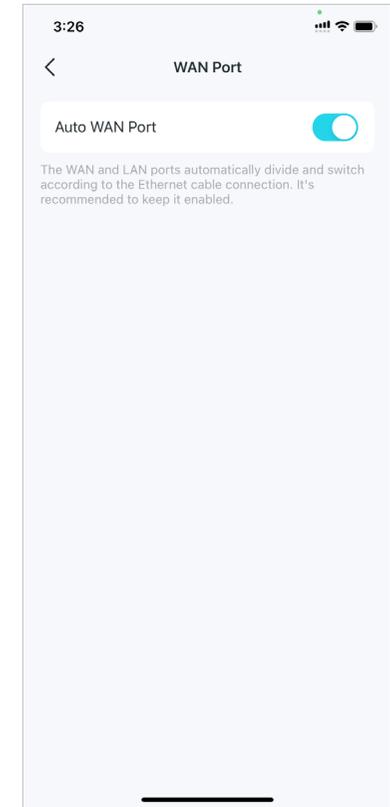
Note: Features available on this page are based on the current operation mode of the network.



Change the [Operation Mode](#).



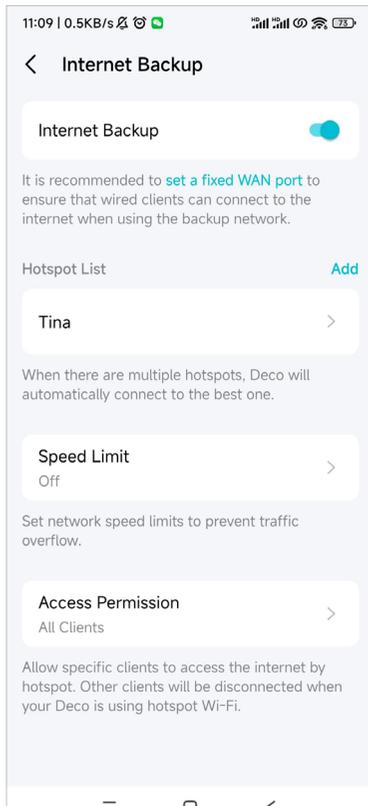
Enable [Auto WAN Port](#) to automatically divide and switch the WAN and LAN ports based on the Ethernet cable connection.



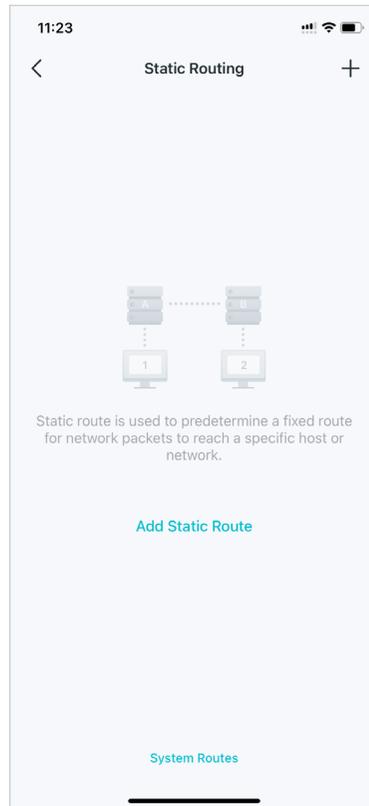
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

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

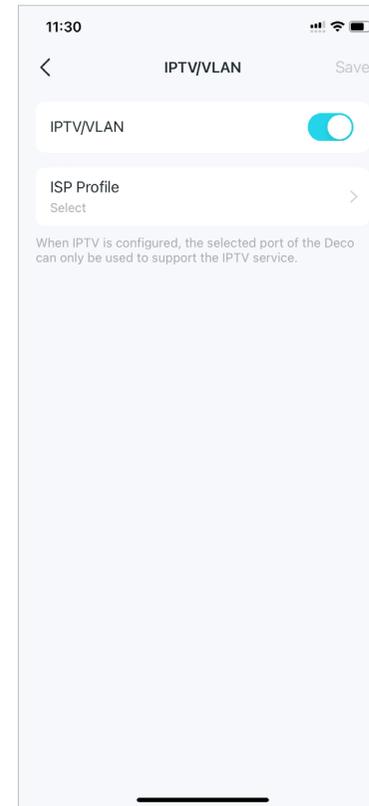
Enable [Internet Backup](#) to connect your Deco to a backup network provided by a hotspot or a SIM card in a 4G/5G Deco when your original network fails to ensure normal internet access.



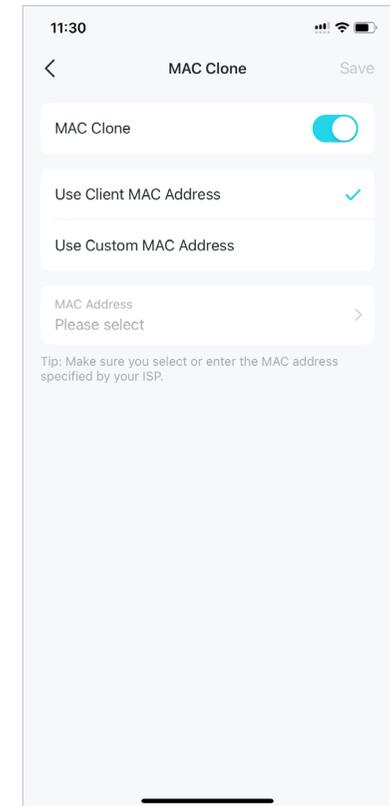
[Create Static Routes](#) to visit multiple networks and servers at the same time.



Enable [IPTV/VLAN](#) mode to support IPTV services.

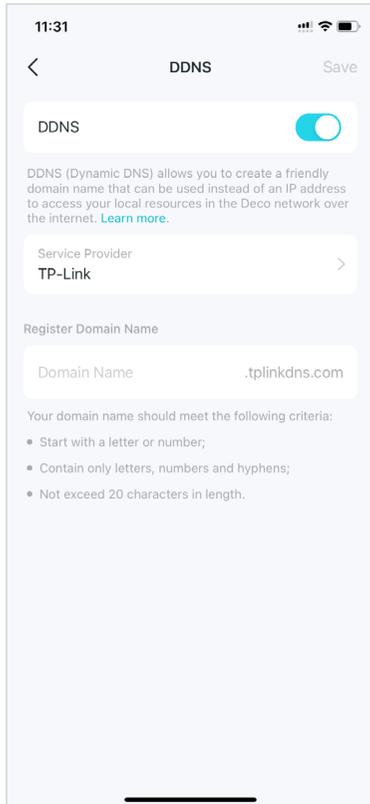


Enable [MAC Clone](#) if your ISP only allows specific MAC addresses.

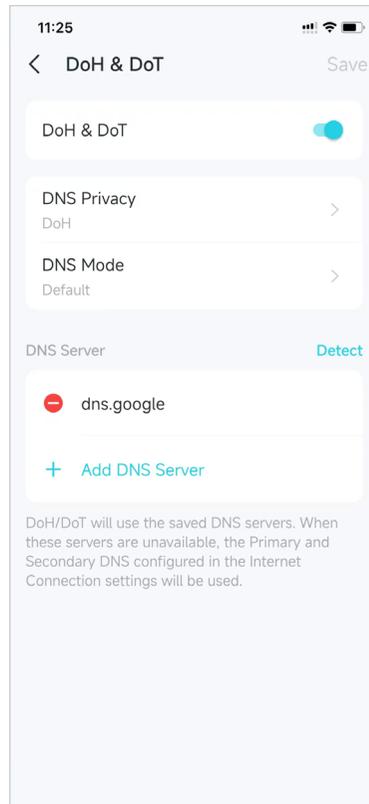


Tip: You can use the search box on the [More](#) page to quickly find the features you need.

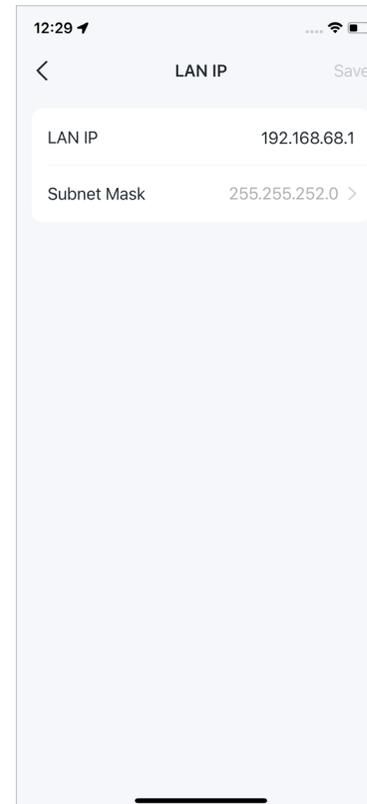
Register a TP-Link [DDNS](#) domain name to access your Decos and local resources over the internet.



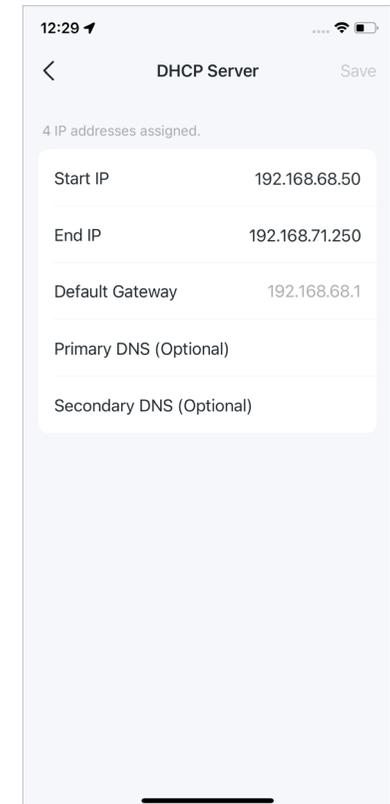
Enable [DoH & DoT](#) to send DNS requests in an encrypted and secure way.



Modify [LAN IP](#) to avoid IP address conflict.



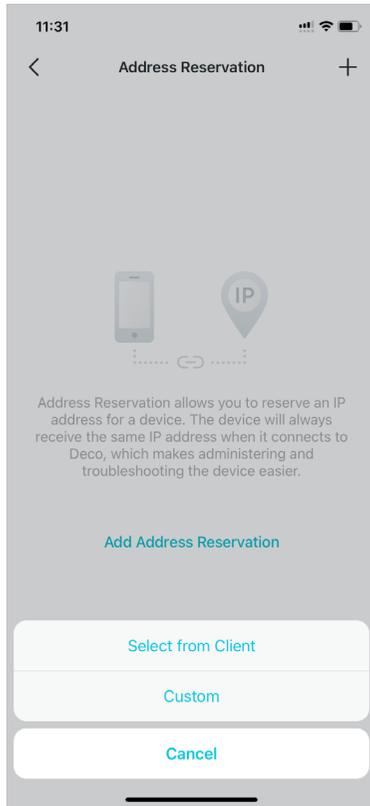
Change [DHCP Server](#) settings.



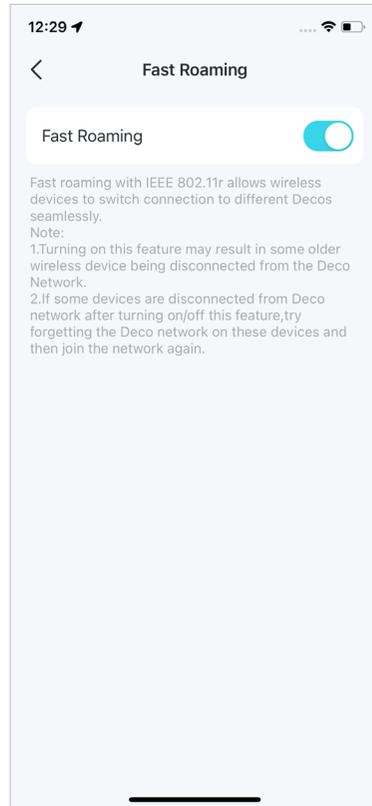
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Tip: You can use the search box on the [More](#) page to quickly find the features you need.

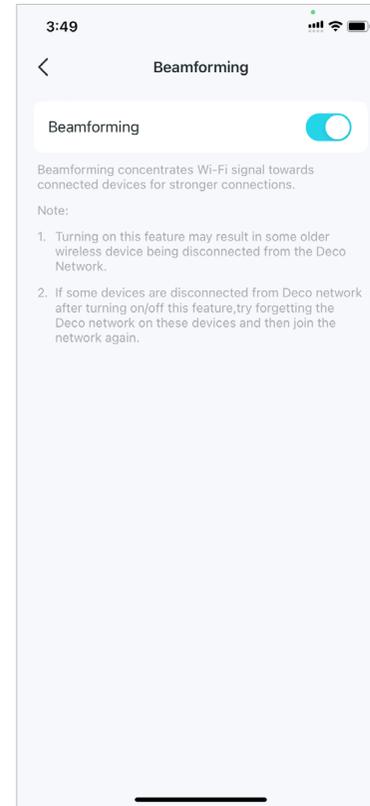
Reserve [IP addresses](#) for specific devices to recognize and manage them more easily.



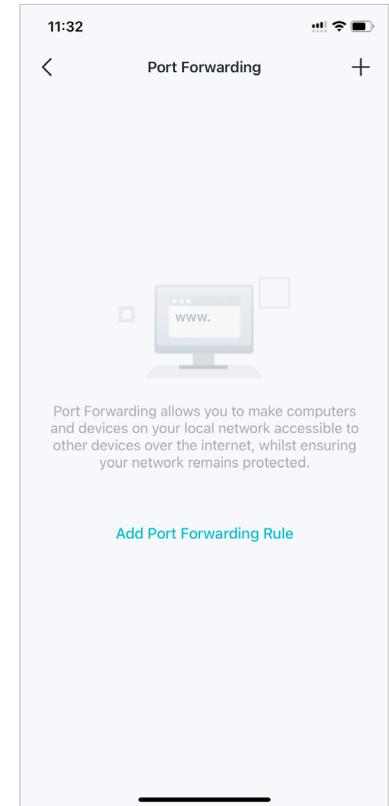
Enable [Fast Roaming](#) to further reduce roaming delays for your wireless devices.



Enable [Beamforming](#) to enhance Wi-Fi signals for clients.



Set up [Port Forwarding](#) rules to enable devices in your network accessible over the internet with safety.

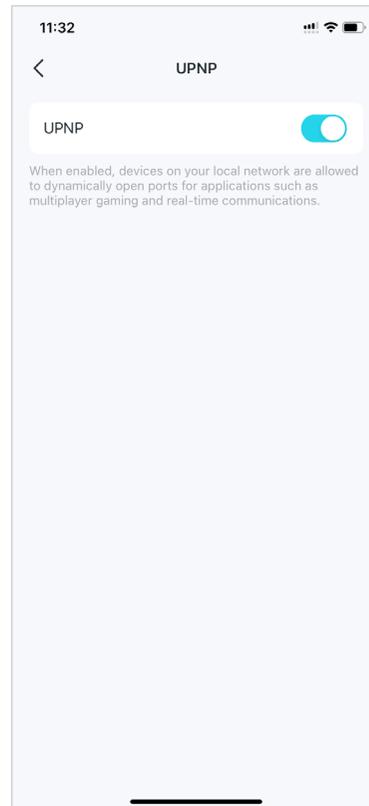
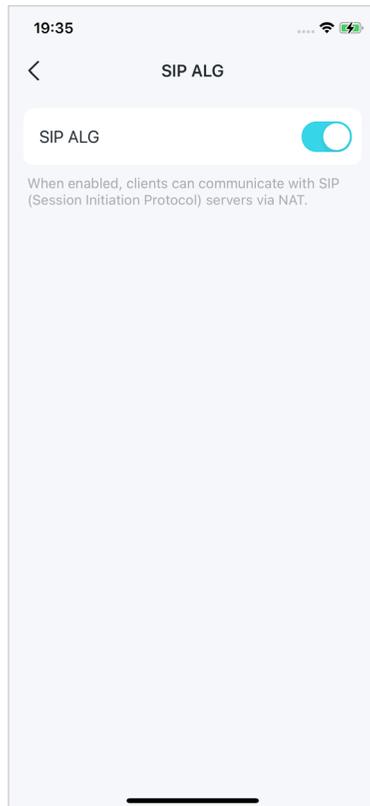


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Tip: You can use the search box on the [More](#) page to quickly find the features you need.

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

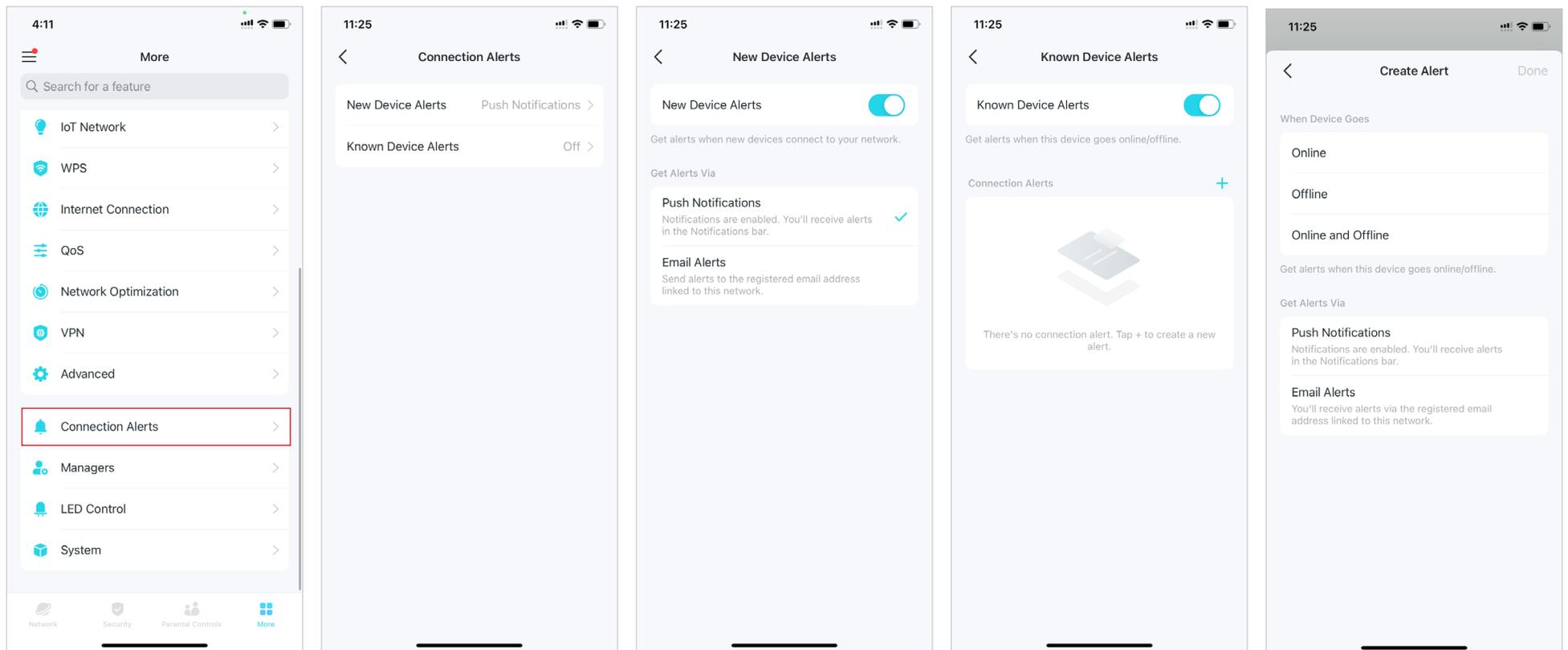
Enable **UPNP** to allow your local network to dynamically open ports for applications like gaming.



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.

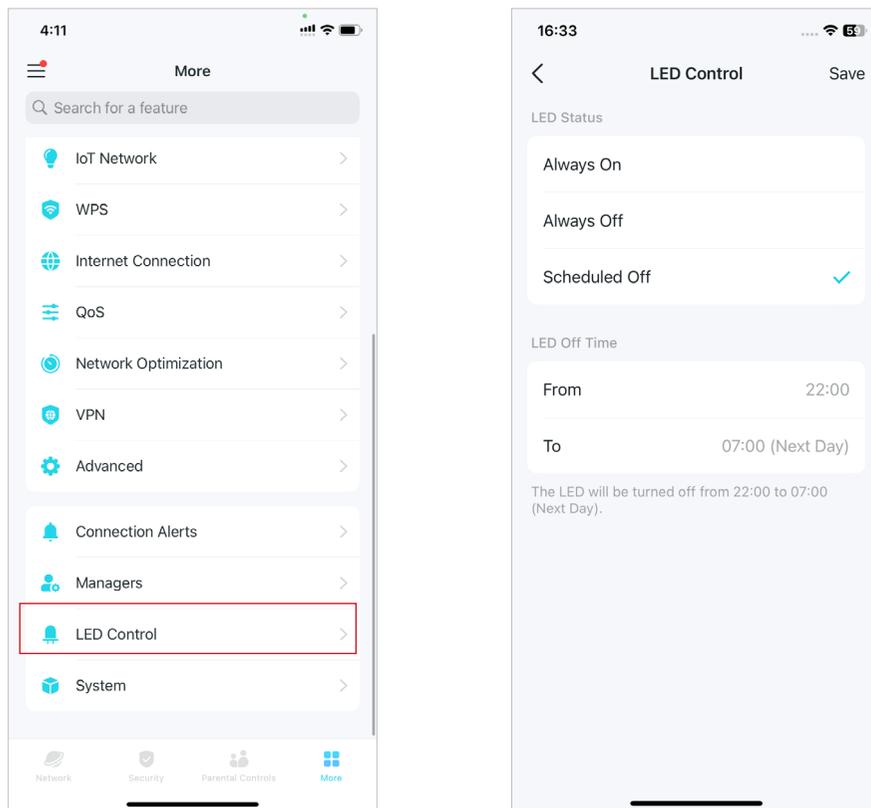


* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

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.

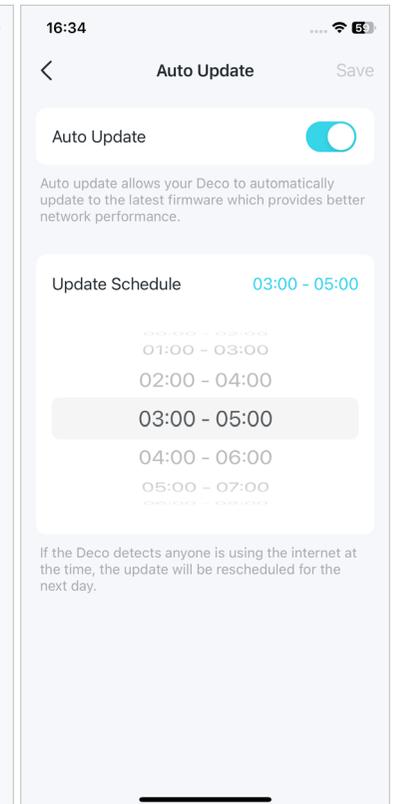
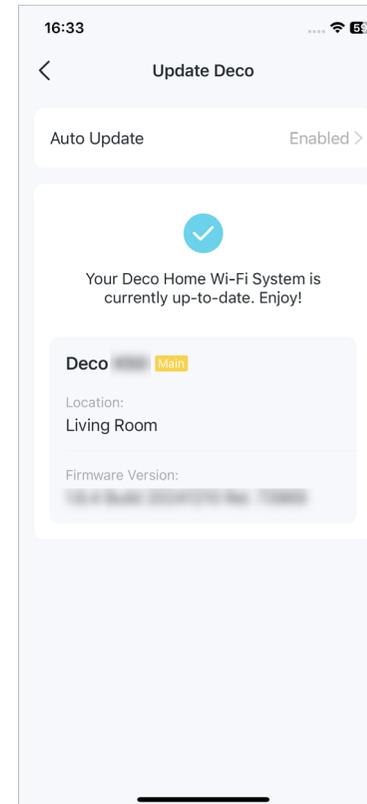
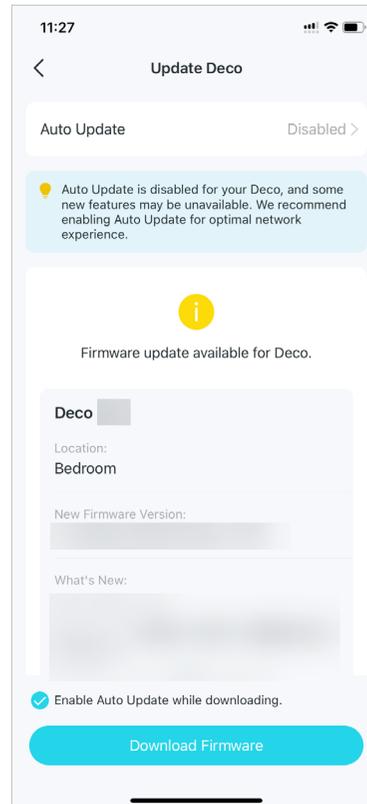
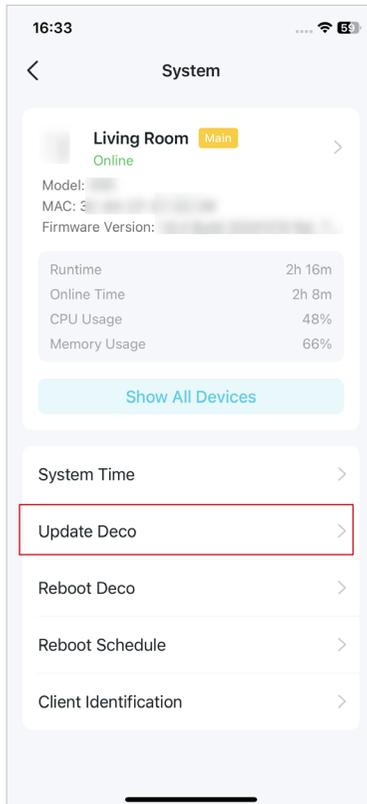
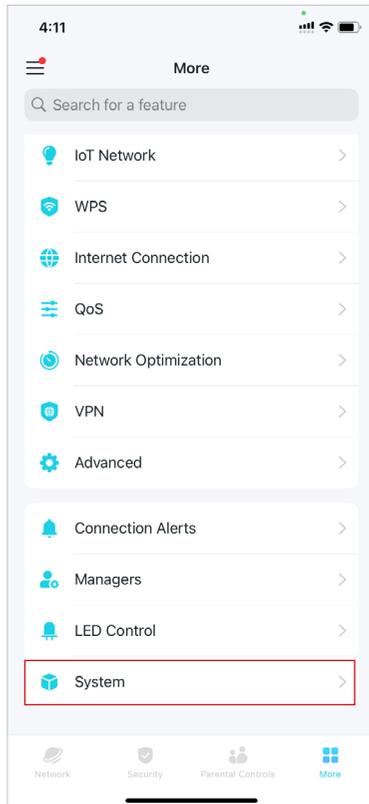
Upgrade Your Deco

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. Enable Auto Update to allow your Deco to automatically update to the latest firmware.



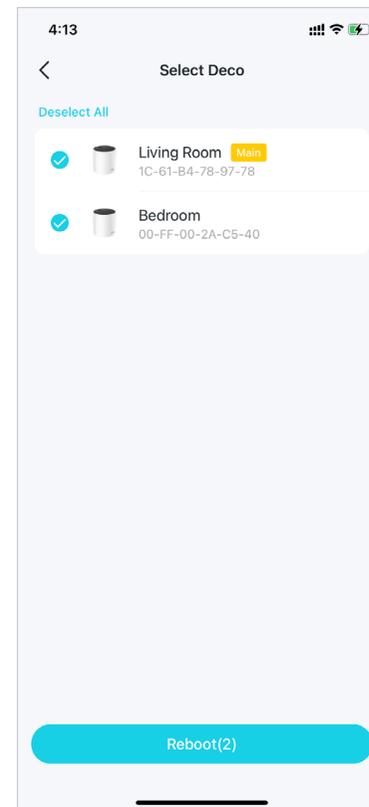
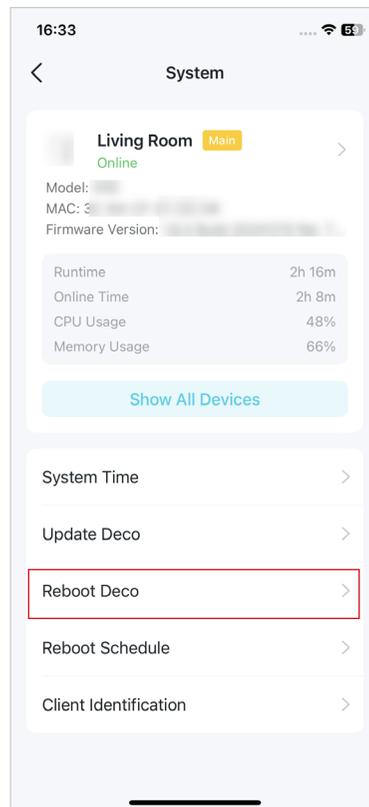
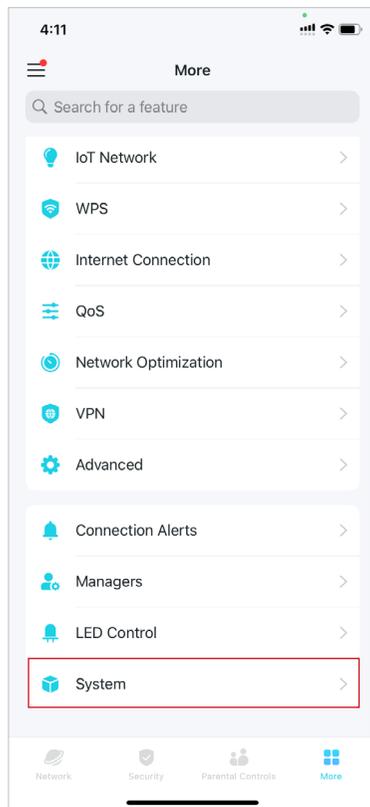
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

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.



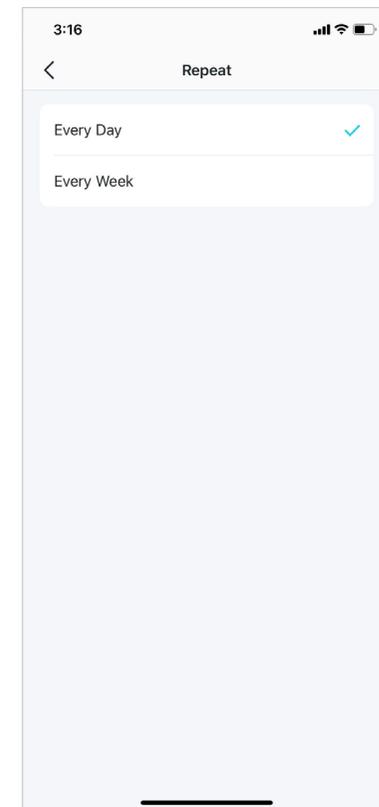
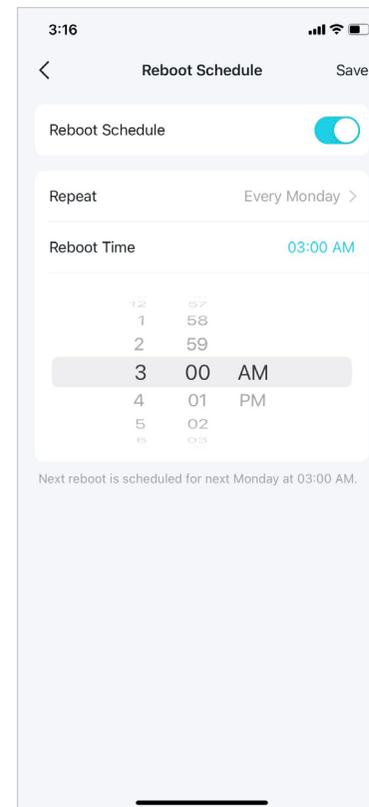
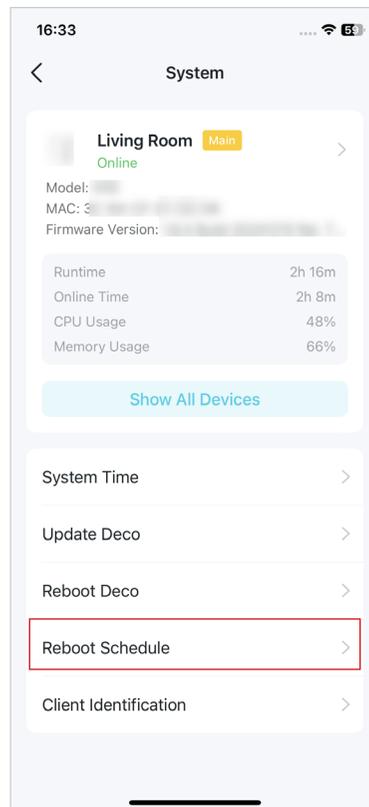
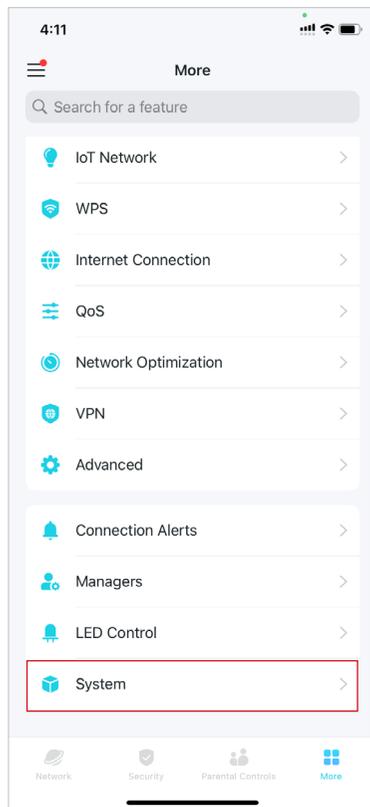
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

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.

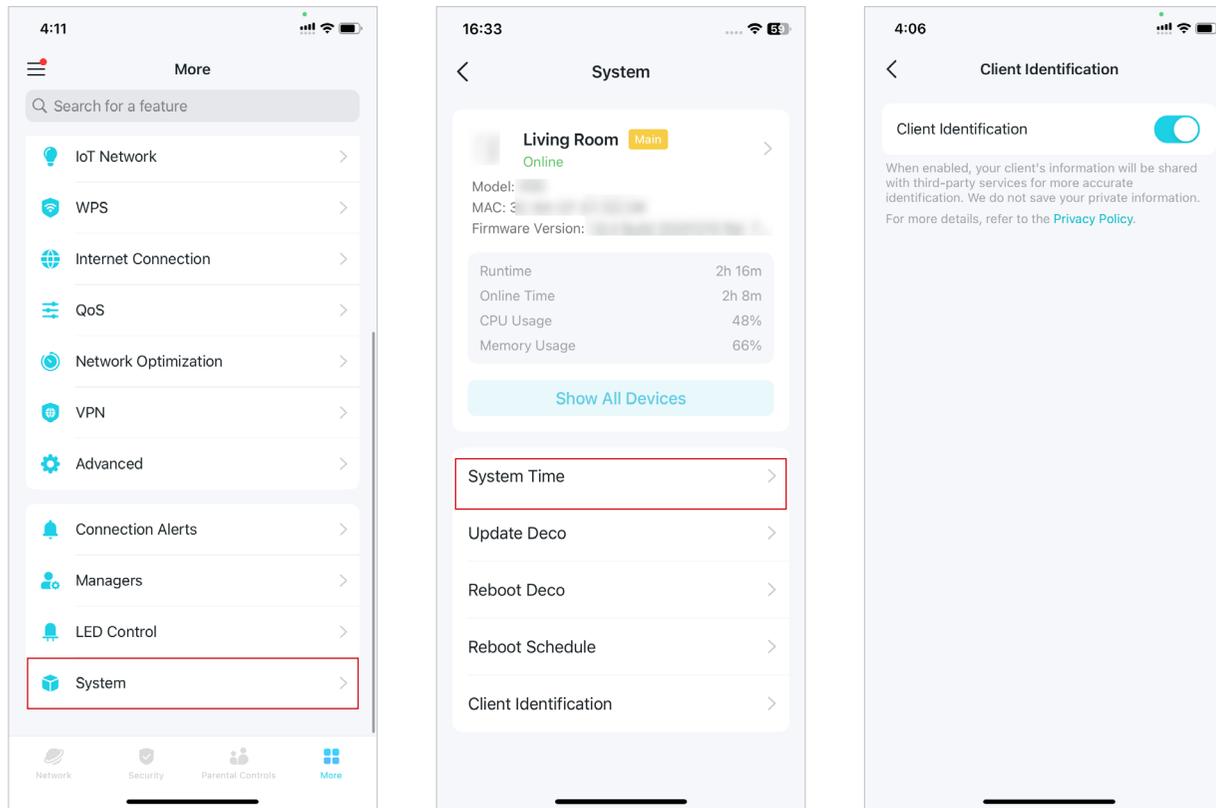


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Client Identification

With Client Identification enabled, your client's information will be shared with third-party services for more accurate identification. Your private information will not be saved.

Go to [More](#) > [System](#) > [Client Identification](#) to enable it.



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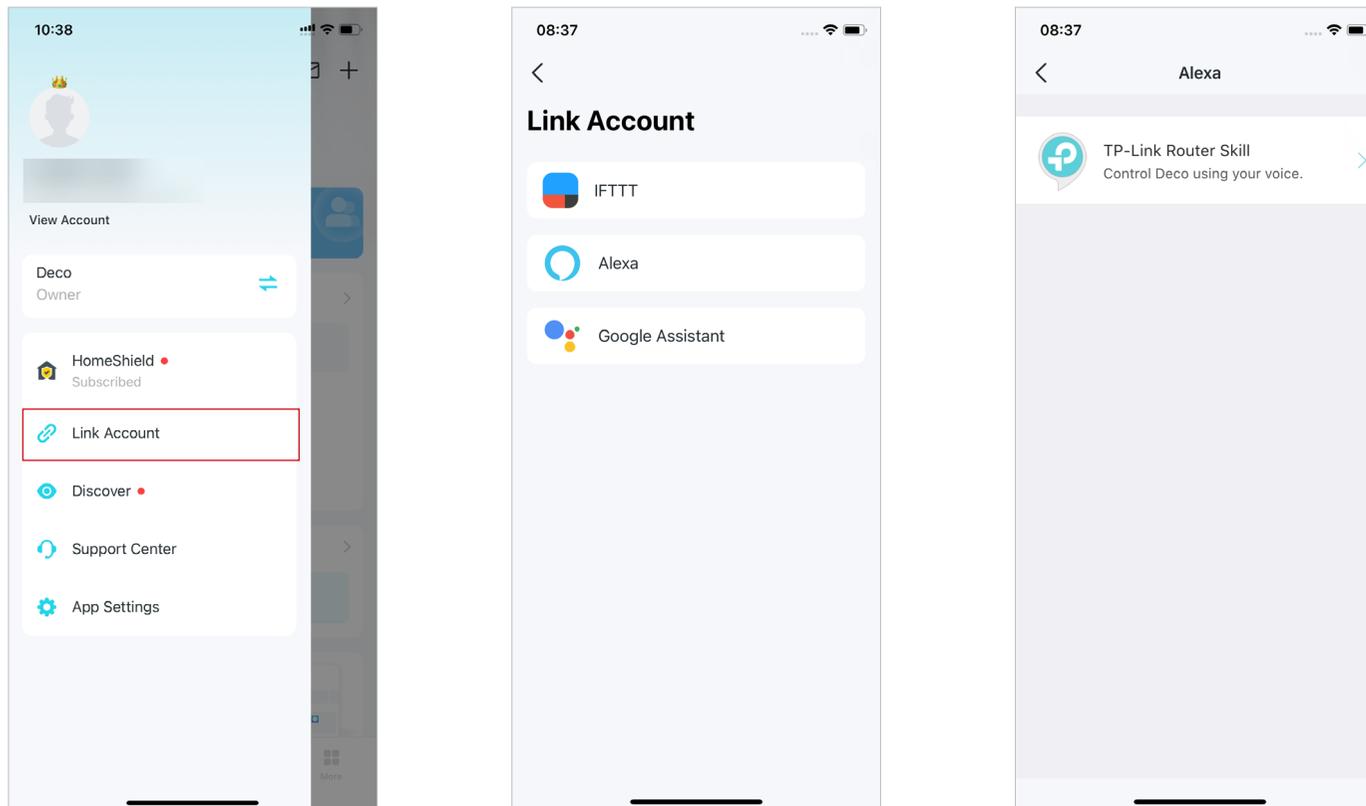
Control Your Deco with Alexa

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.

On the homepage, swipe right to open the side menu and tap [Link Account](#) > [Alexa](#) > [TP-Link Router Skill](#), then follow the app instructions to complete the setup.

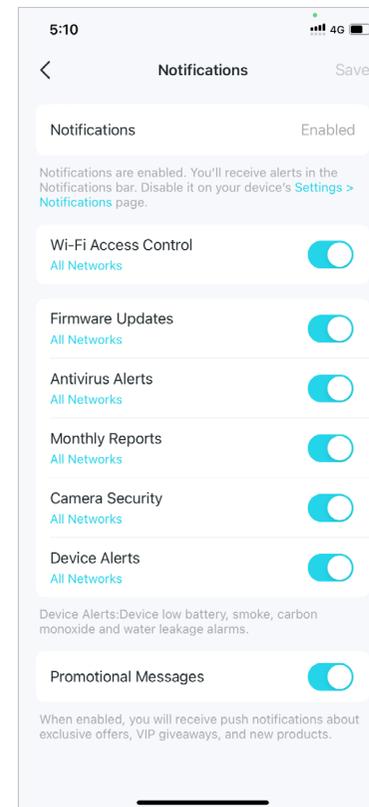
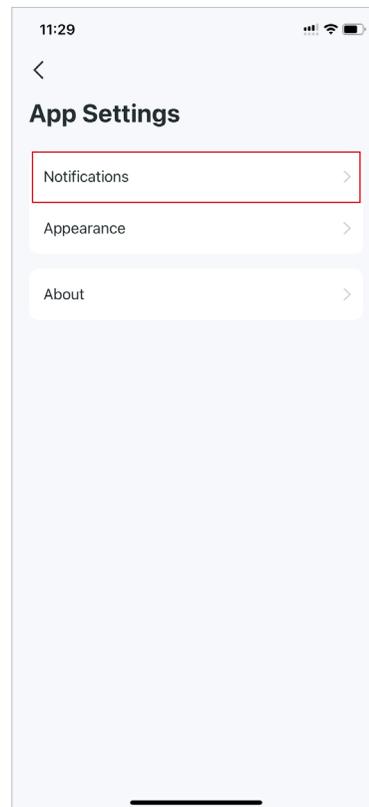
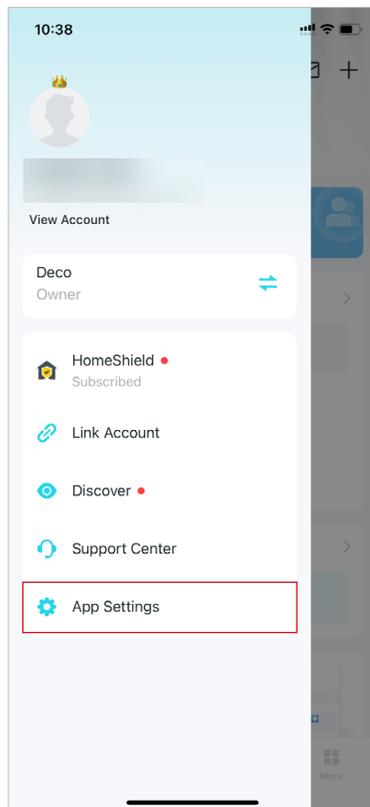


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Enable App Notifications

You can enable notifications of what you care most.

On the homepage, swipe right to open the side menu and tap [App Settings](#) > [Notifications](#) to enable notifications.

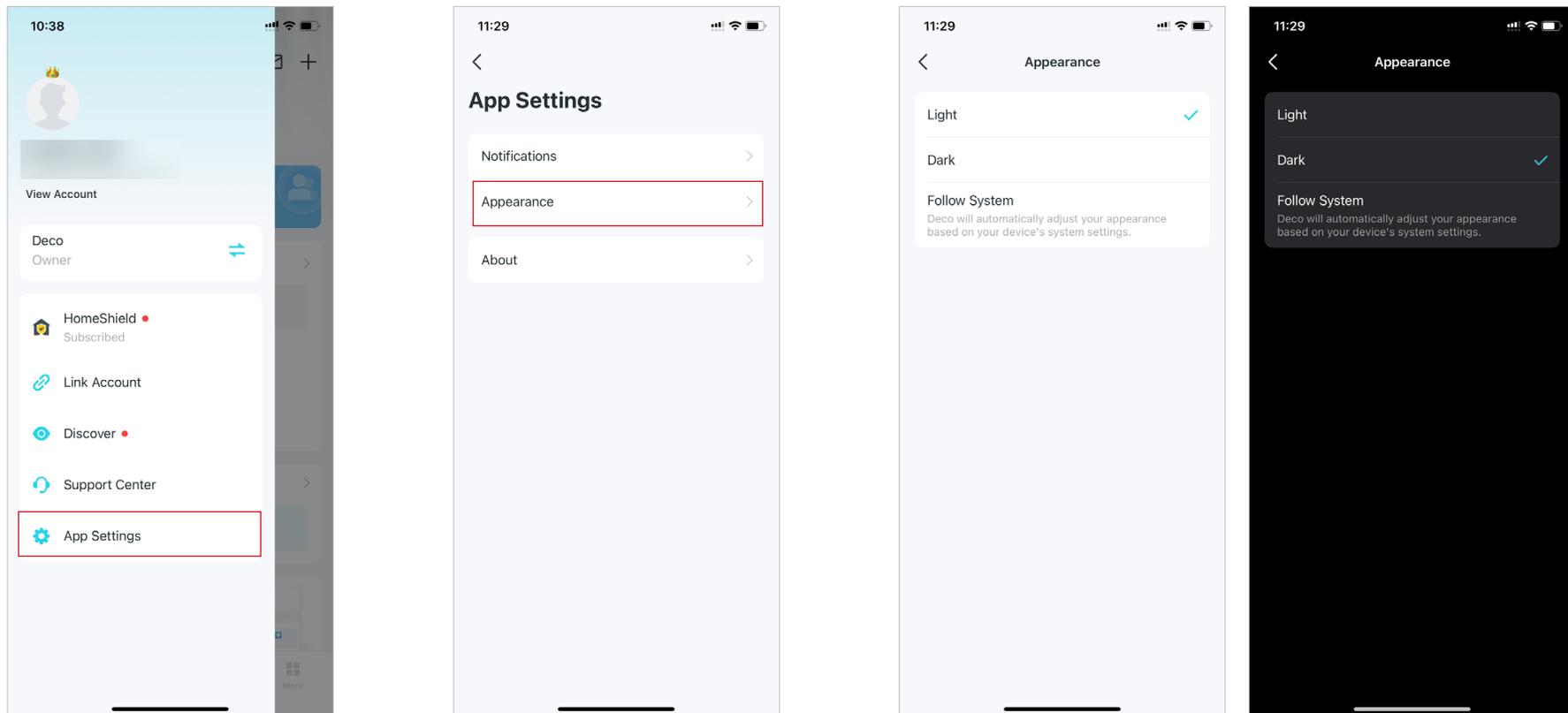


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Change App Appearance

Deco app now support Dark Mode. You can easily change the appearance preference on the app.

On the homepage, swipe right to open the side menu and tap [App Settings](#) > [Appearance](#). Select the preferred appearance for your app.

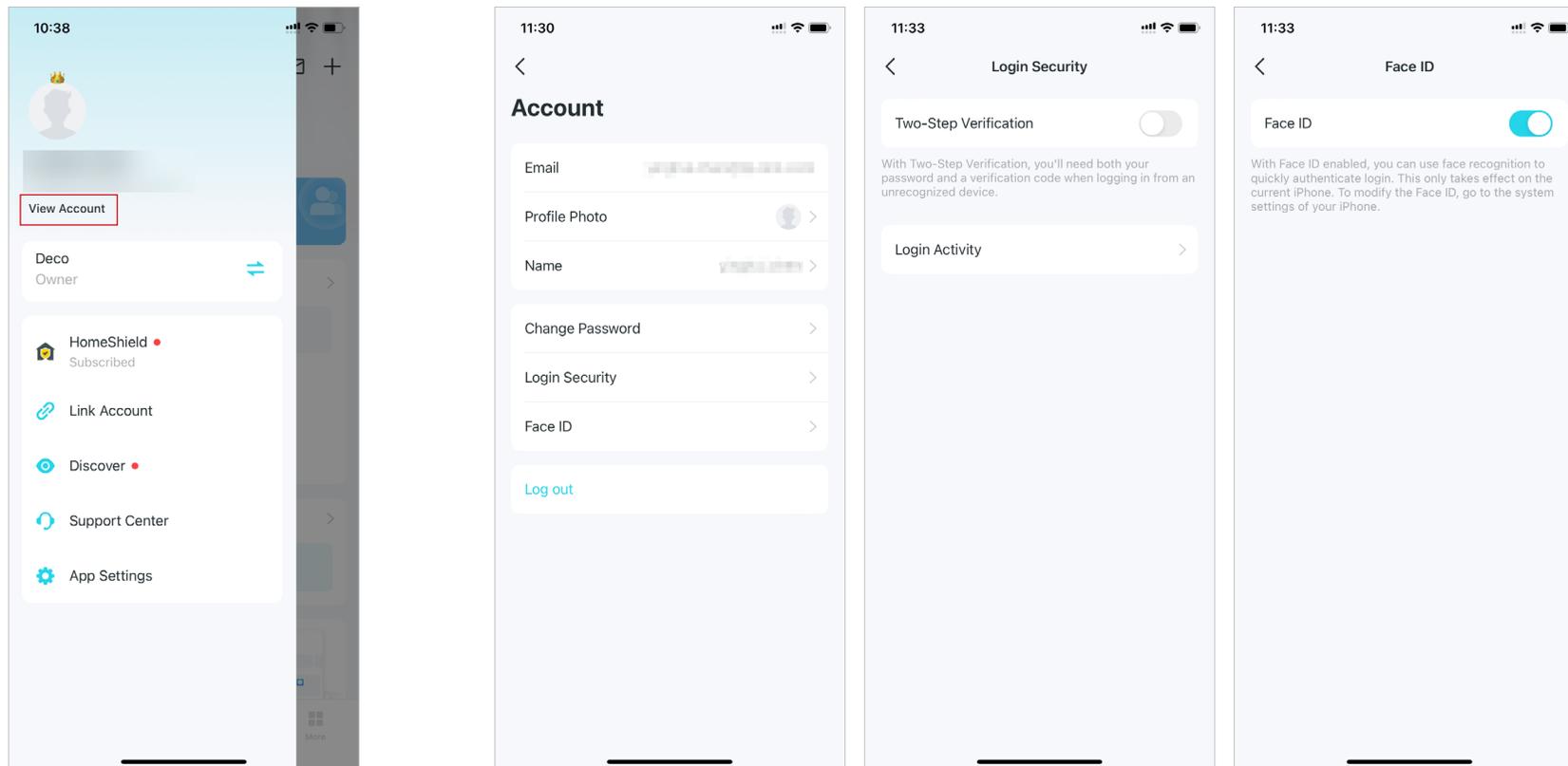


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Change Account Information

More security methods such as Two-Step Verification and FACE ID are now supported on the Deco app. You can change your account information easily on the app.

On the homepage, swipe right to open the side menu and tap [View Account](#). Then you can check and edit your account settings.



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Add Managers

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.

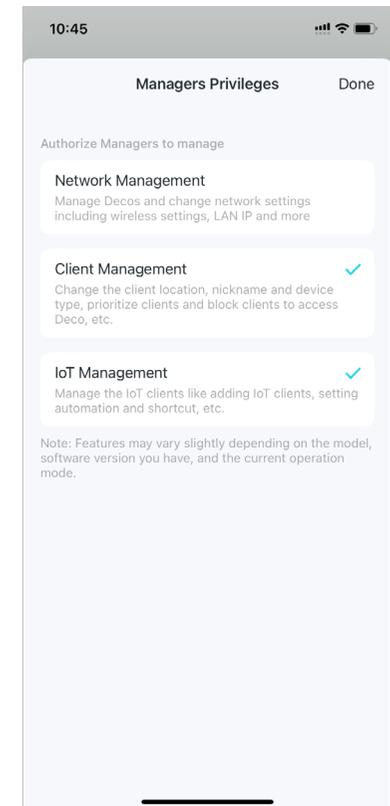
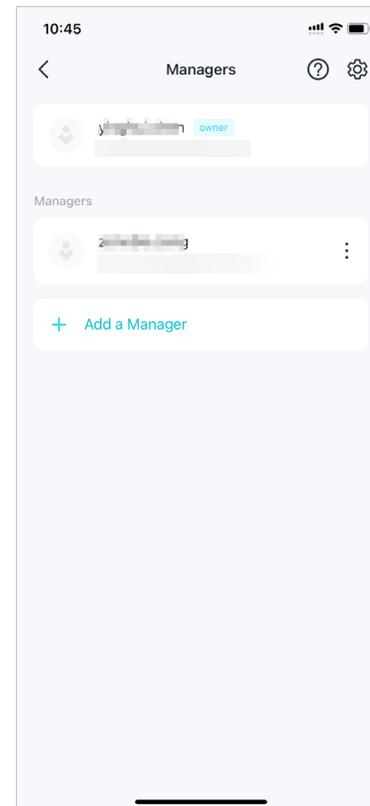
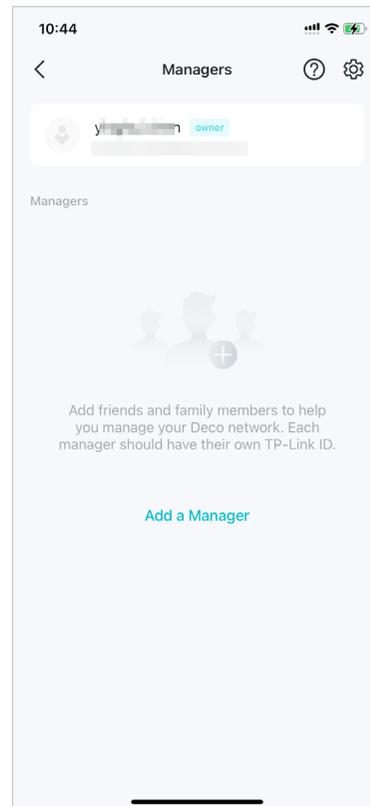
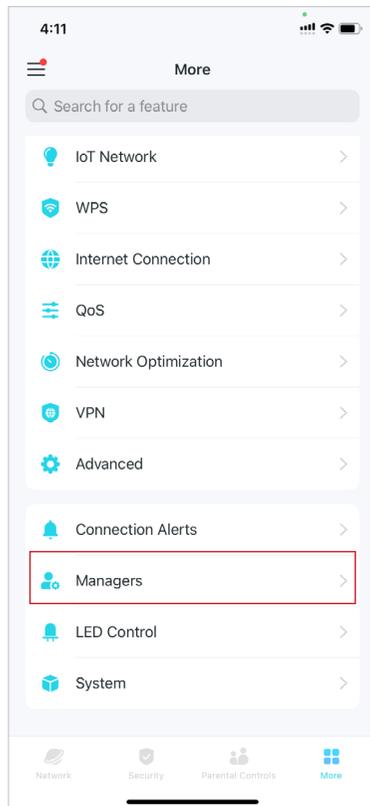
Add friends and family members to help manage your network. Each manager should have their own TP-Link ID.

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.

3. Tap  to set manager privileges.



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Upgrade Your HomeShield

HomeShield is a home networking protection kit that covers all security scenarios with its network security, parental controls, QoS, and comprehensive reports. It provides two subscription options, Advanced Parental Controls and Security+.

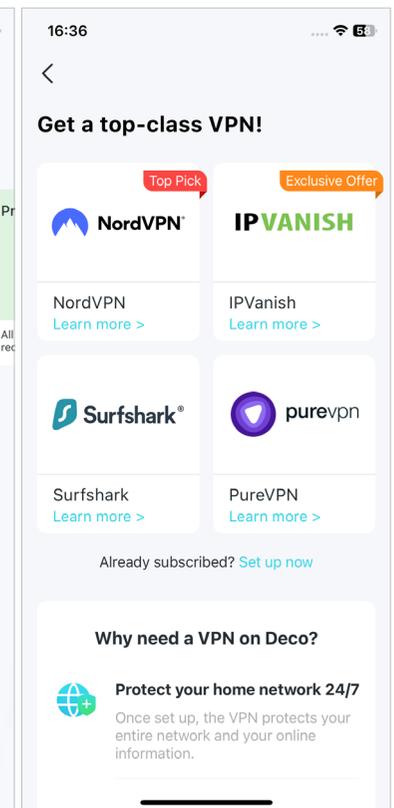
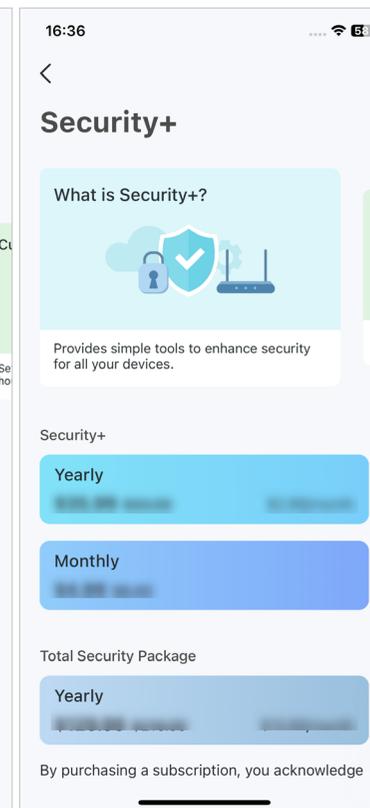
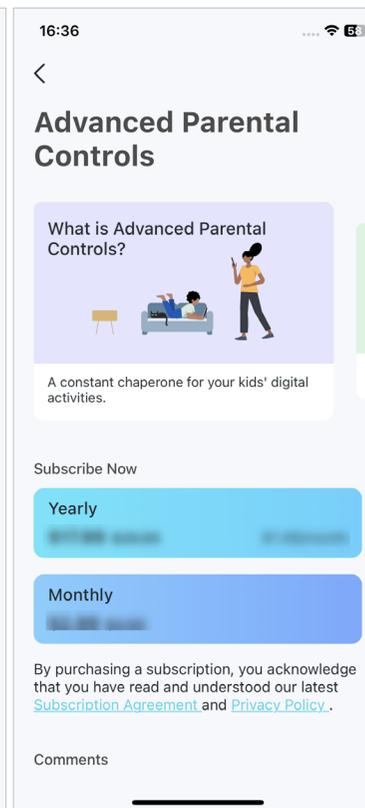
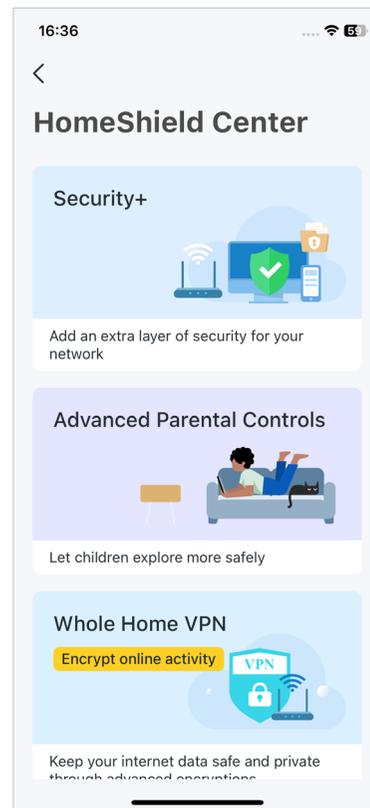
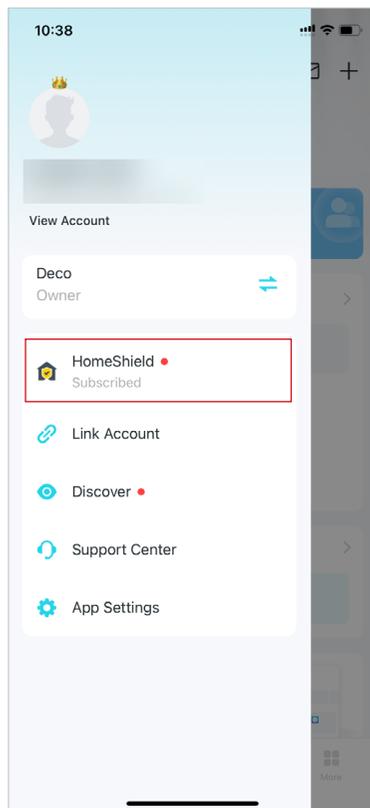
- Advanced Parental Controls helps you manage your kids' online time and bedtime and regulate the content and apps they have access to, letting them develop healthy digital habits.
- Security+ provides you with comprehensive and professional network security protection to protect your Wi-Fi network and all connected devices from virus attacks.

Subscribe to HomeShield Service

HomeShield provides two subscription options, Advanced Parental Controls, Security+ and VPN. Subscribe to TP-Link HomeShield for more advanced features.

1. In the homepage, swipe right to open the menu and select [HomeShield](#).

2. In HomeShield Center, select the subscription service as needed and then follow app instructions to subscribe to the service.



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