



Deco 3.0

User Guide

Contents

Get Started 1

About This Guide2

Introduction to Deco 3.03

Set Up Your Deco Network4

Network 7

Create a New Network8

Switch Between Deco Networks10

Diagnose Your Network12

Test Internet Speeds13

Monitor Your Deco Network14

Manage Your Decos15

Add More Decos16

Manage Network Clients17

Protect Your Network with HomeShield Pro18

Smart Home19

Add Smart Devices20

Quickly Do Tasks with Shortcut21

Automate Your Smart Devices23

Parental Controls25

Control Online Time and Content26

Monitor the Internet Usage28

Owner and Managers29

Add Managers30

Set Privileges for Managers31

Change Account Information32

Change Network Owner33

More Features34

Test Features at the Deco Lab35

Check Network Reports36

Create a Guest Network37

Block/Unblock Specific Devices38

Change Wi-Fi Settings39

WPS40

Change Internet Settings41

QoS42

IoT Network43

Configure Connection Alerts	44
Enable App Notifications	45
Control the Light on Decos	46
Upgrade Your Deco	47
Control Your Deco with Alexa	48
Advanced Features	49

Get Started

About This Guide

This guide provides a brief introduction to the Deco 3.0 app.

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

Conventions

In this guide, the following conventions are used:

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

IoT Compatibility Disclaimer

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

Seamless Roaming Disclaimer

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

HomeShield Disclaimer

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

Introduction to Deco 3.0

TP-Link Deco app is the perfect way to set up your Deco mesh Wi-Fi in minutes and control your whole-home network. With brand-new design, functional upgrades, and in-depth statistics, Deco 3.0 helps you better manage your network!

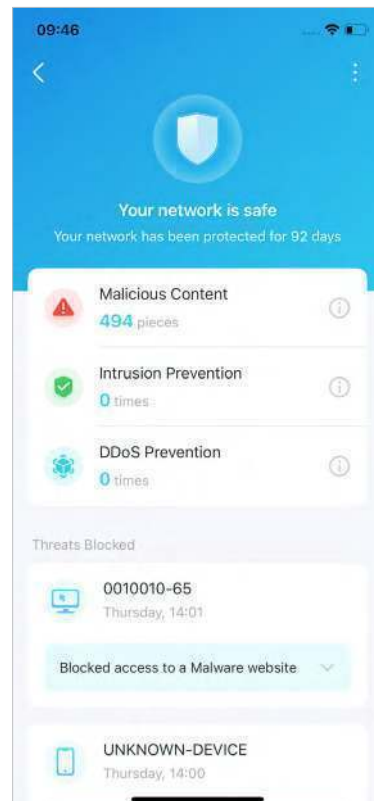
Your network at-a-glance

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



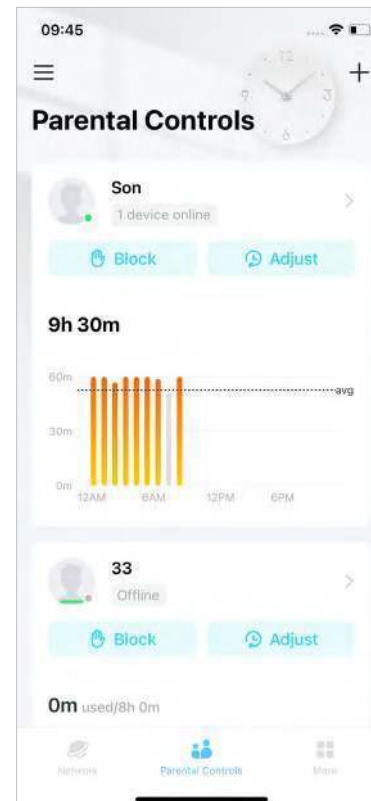
Safeguard your network

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



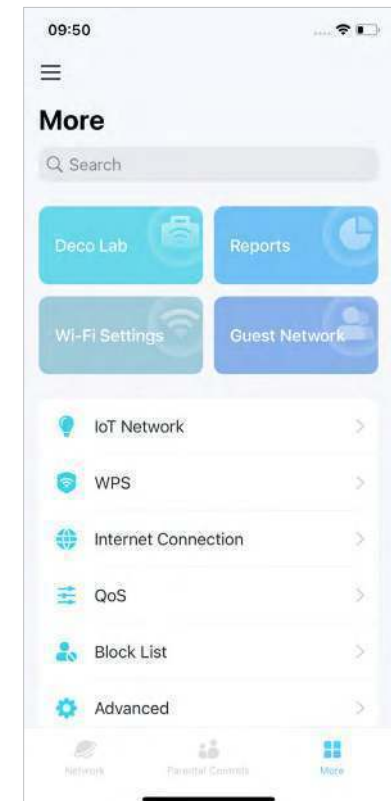
Maintain healthy digital habits

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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Set Up Your Deco Network

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

1. Get the Deco app

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



or



2. Log in with TP-Link ID

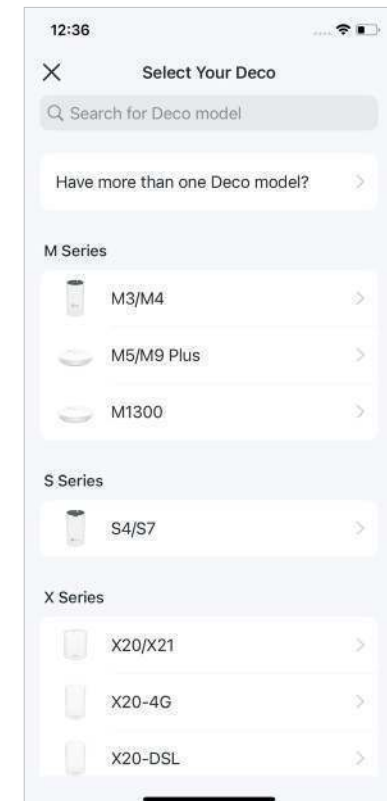
Open the app and log in with your TP-Link ID. If you don't have a TP-Link ID, create one first.

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



3. Select your Deco model

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

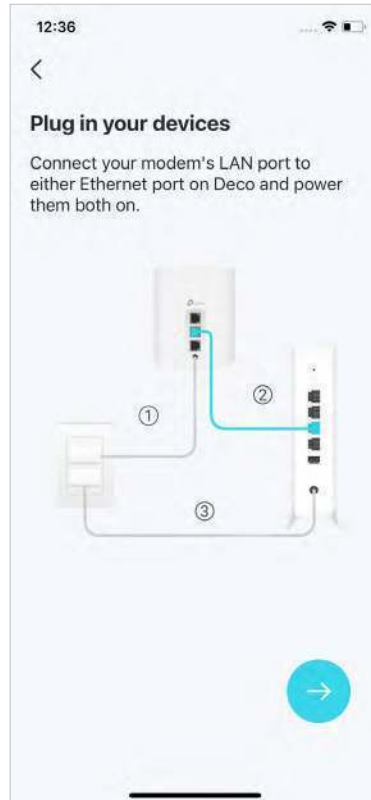


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4. Plug in your Deco

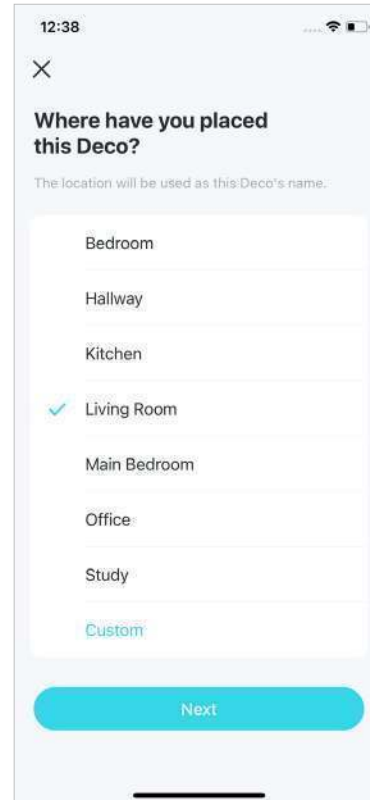
Power off your modem, connect your Deco to the modem, then power them both on.

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



5. Specify your Deco's location

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



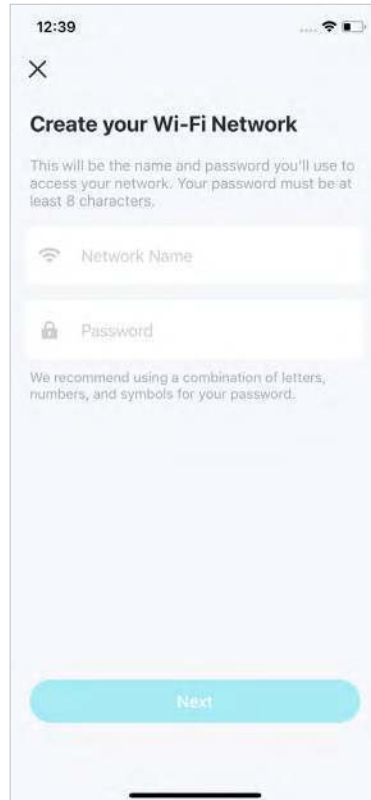
6. Connect your Deco to the internet

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



7. Create and connect to Deco Wi-Fi

Create the network name and password for your Deco and connect to it.



8. Setup complete

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



9. Add more Decos

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



Network

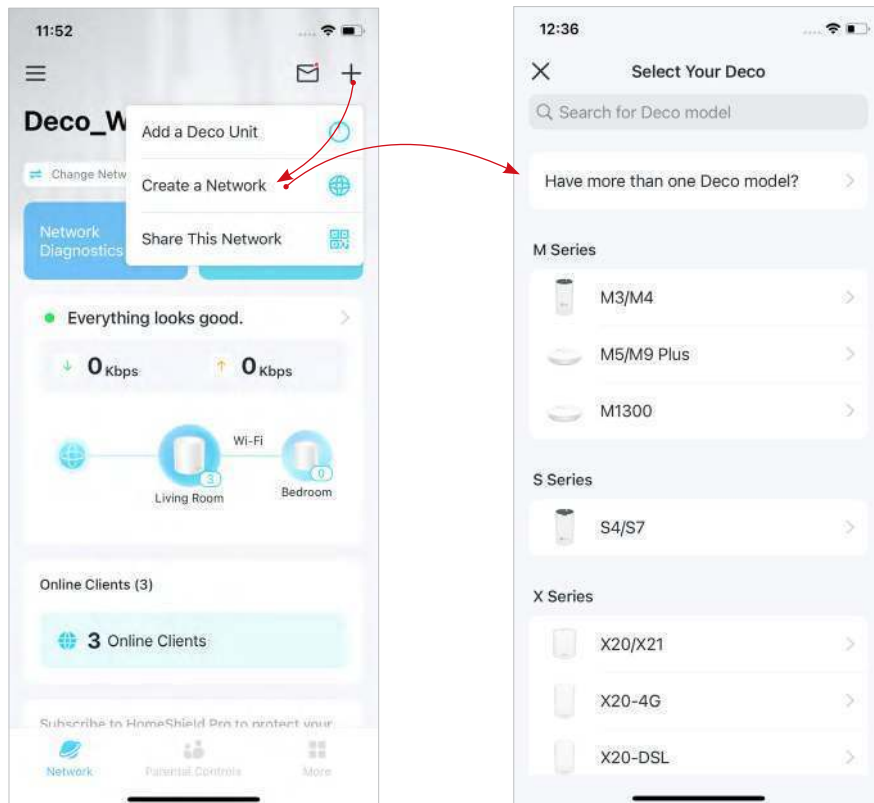
After setting up your Deco network, you can easily access what you use most in the reorganized dashboard. Create a new network, switch between networks, view the network topology and status, manage clients, and more.

Create a New Network

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

Method 1. via the home page

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



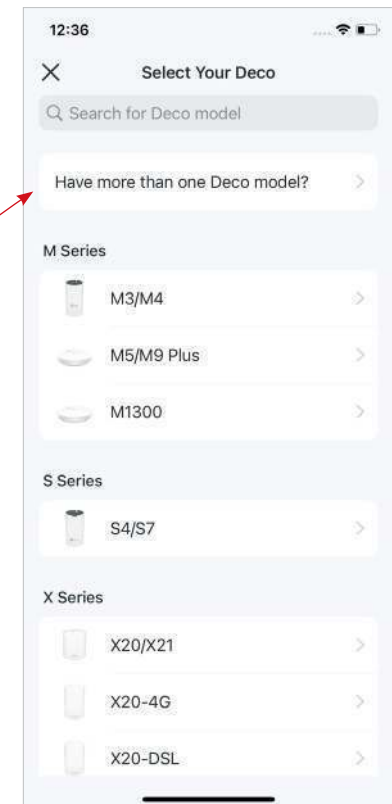
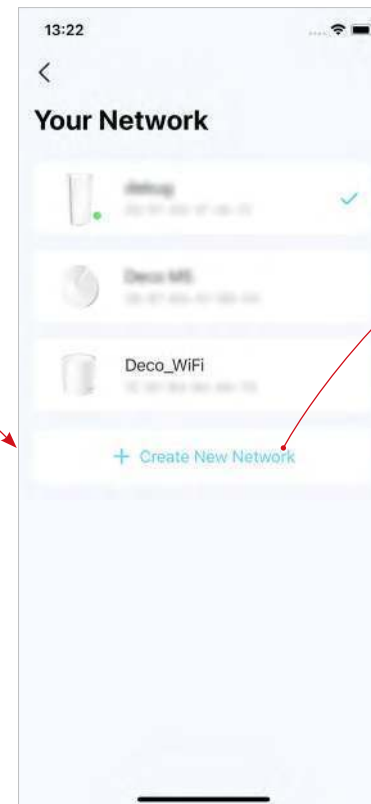
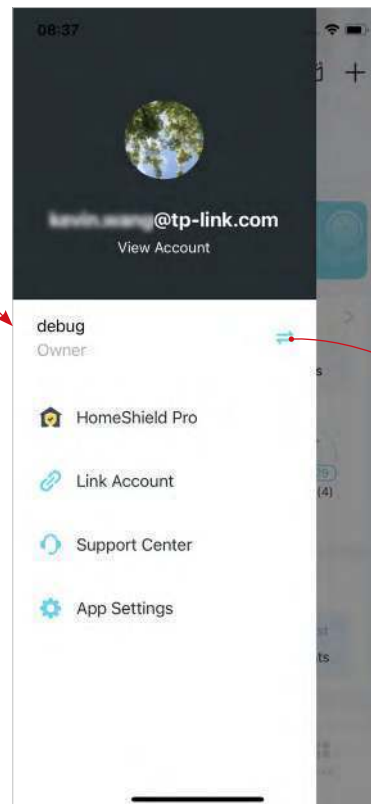
Method 2. via the side menu

1. Tap  to open the side menu.

2. Tap .

3. Tap [Create New Network](#).

4. Search for and select your Deco model. Follow app instructions to create the network.

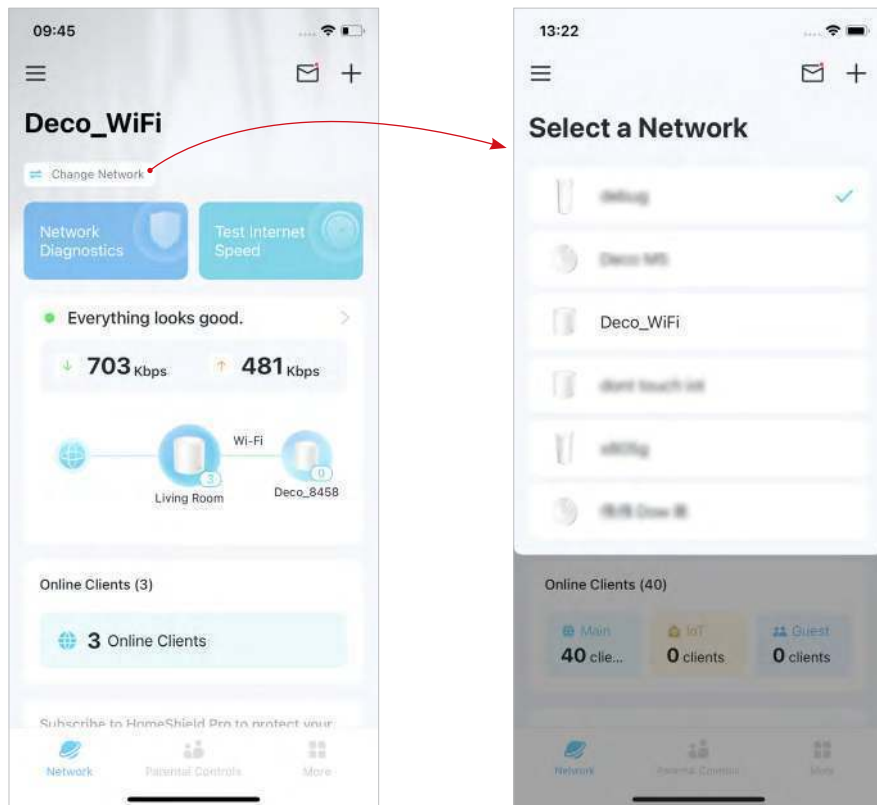


Switch Between Deco Networks

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

Method 1. via the home page

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



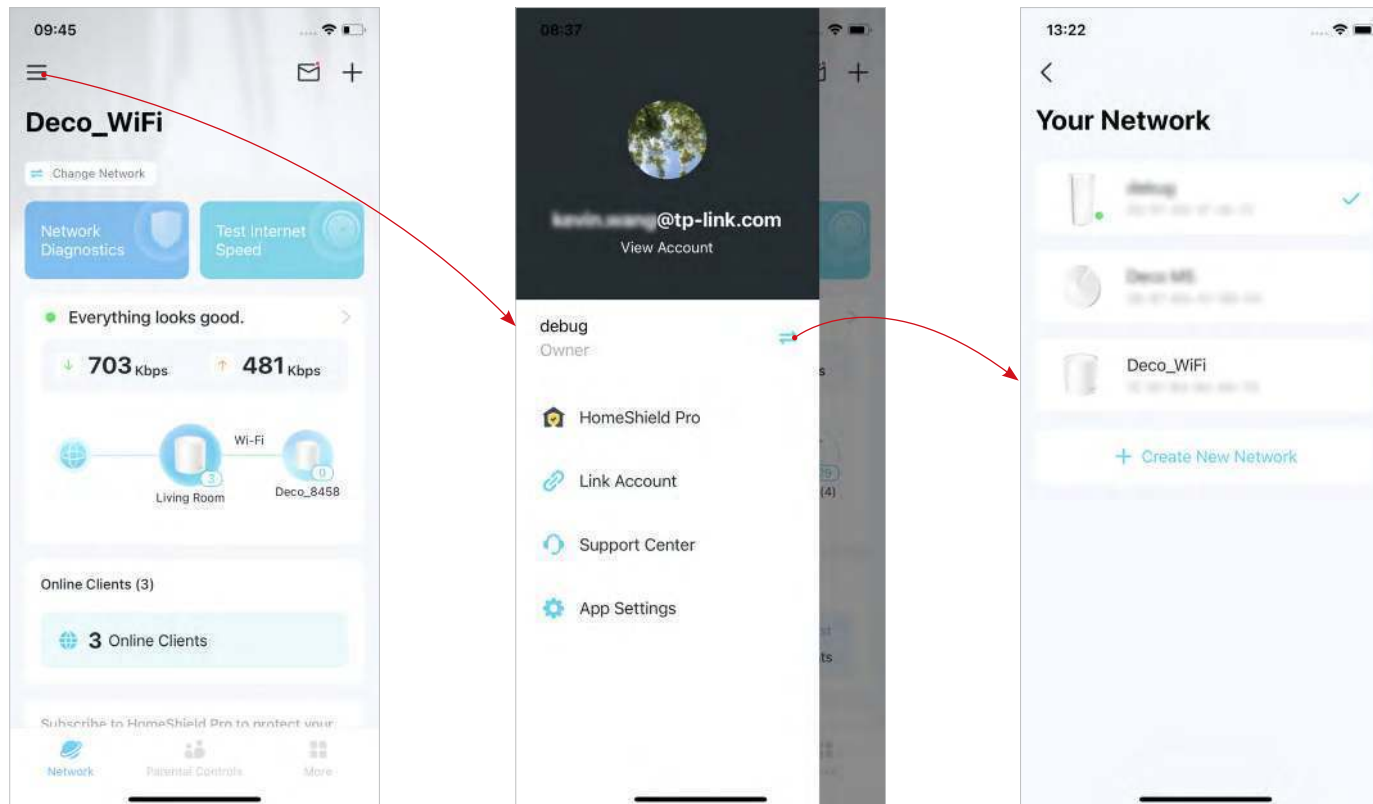
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Method 2. via the side menu

1. Tap ☰ to open the side menu.

2. Tap ⇌.

3. Select a network to switch to.

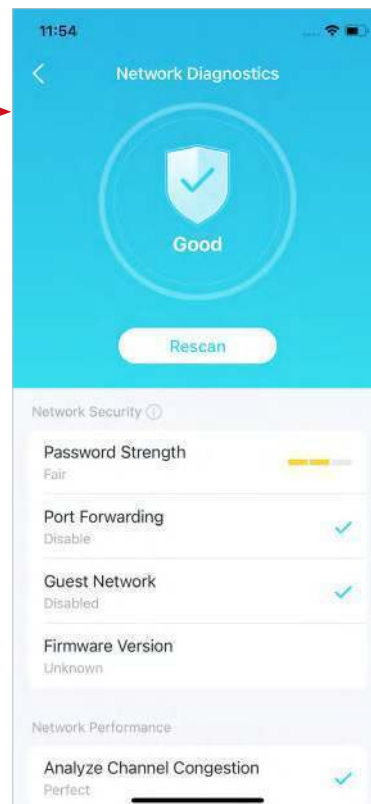


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Diagnose Your Network

Network diagnostics checks the network security and performance, detects potential risks, and offers optimization suggestions accordingly.

1. On the home page, tap **Network Diagnostics** to start diagnostics. Deco will diagnose your network and display the results.



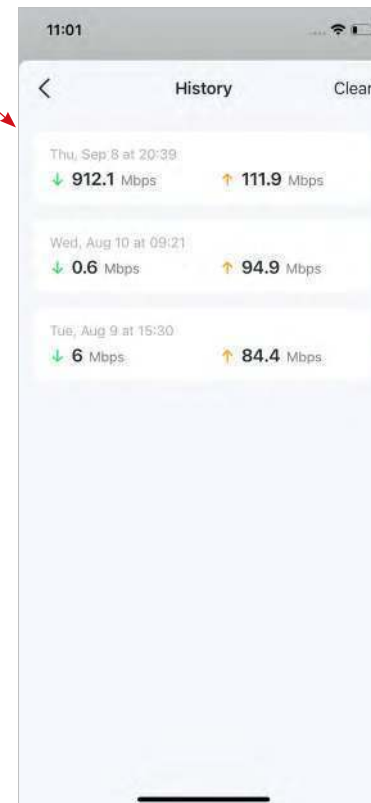
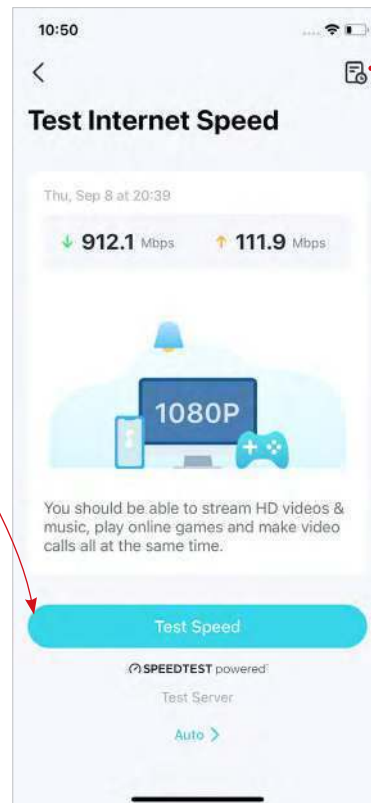
2. If risks are detected, tap the entries for optimization.



Test Internet Speeds

Check your internet speeds with a simple tap and view the history test results.

1. On the home page, tap **Test Internet Speed** to run a test. Deco will test and display your current internet speeds.
2. You can tap  to view the history test results.



Monitor Your Deco Network

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

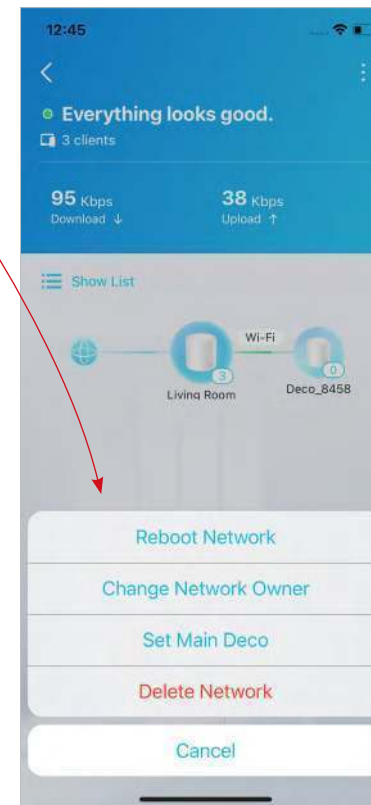
1. On the home page, tap the Network module.



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



3. Tap  to manage the network.

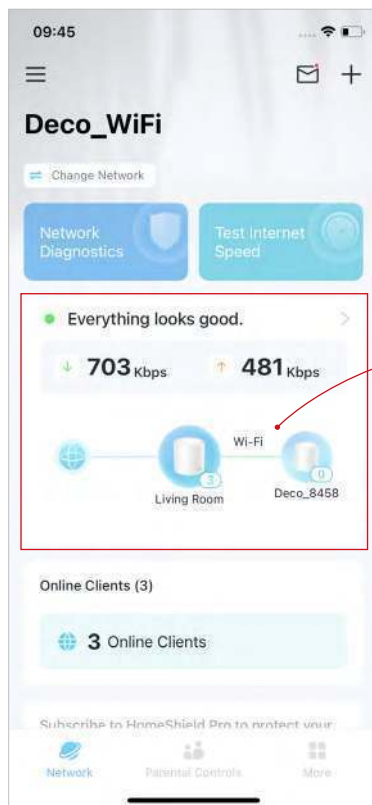


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Manage Your Decos

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

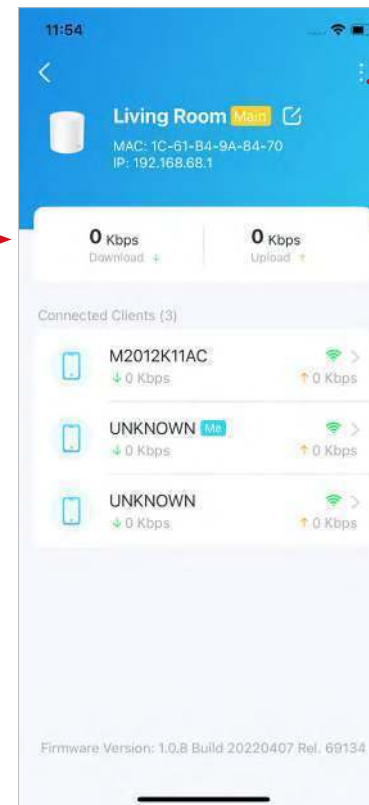
1. On the home page, tap the Network module.



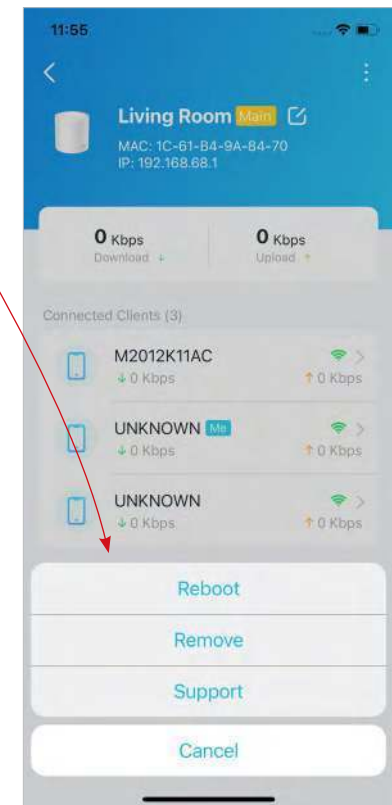
2. Tap a Deco to view device details.



3. Tap  to edit the Deco's location.



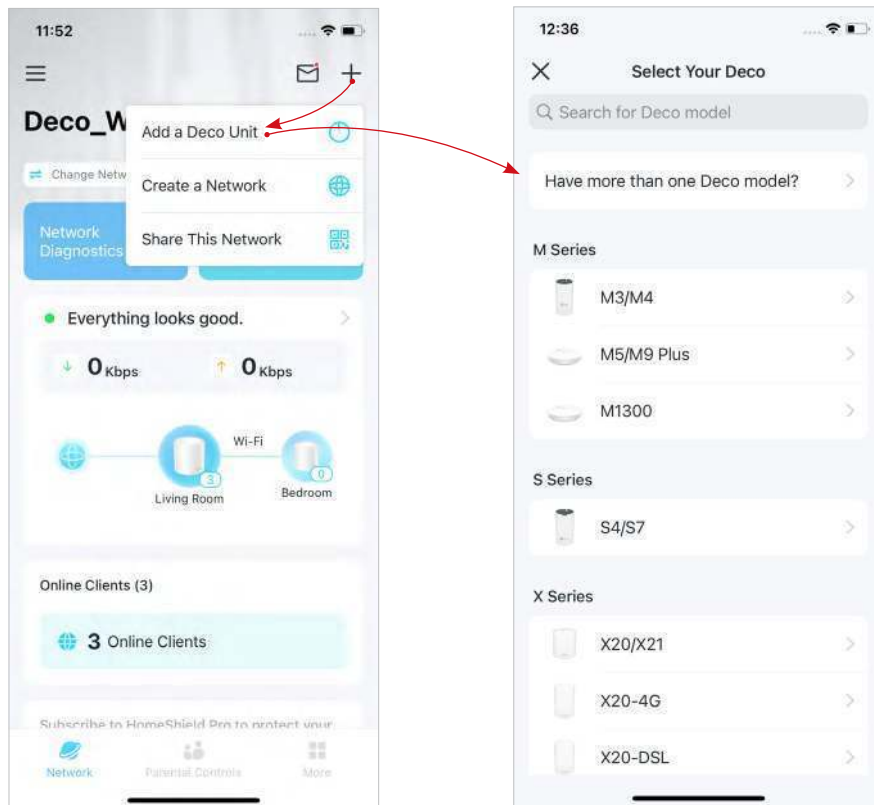
4. Tap  to reboot or remove the Deco.



Add More Decos

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

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



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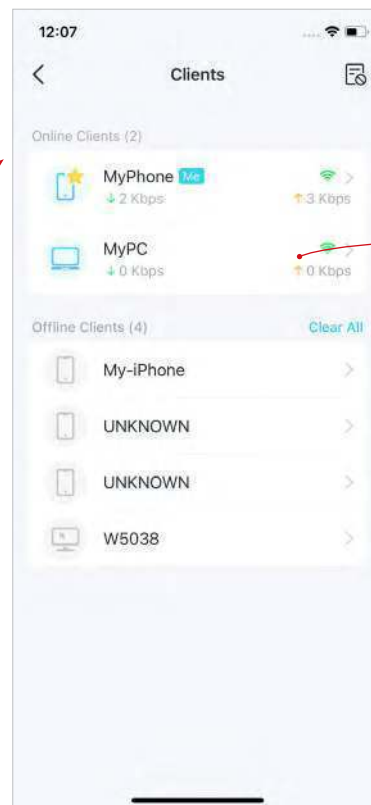
Manage Network Clients

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

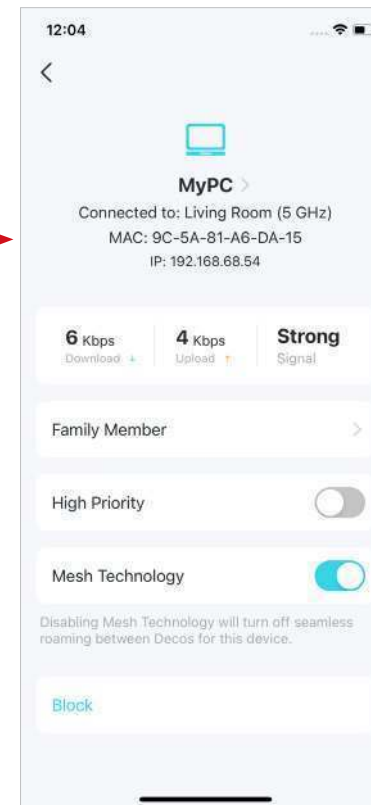
1. On the home page, tap the Clients module.



2. Tap a client to view device details.



3. Manage the client as needed.



Tap to add the device to a profile for Parental Controls.

Tap to prioritize traffic of the device.

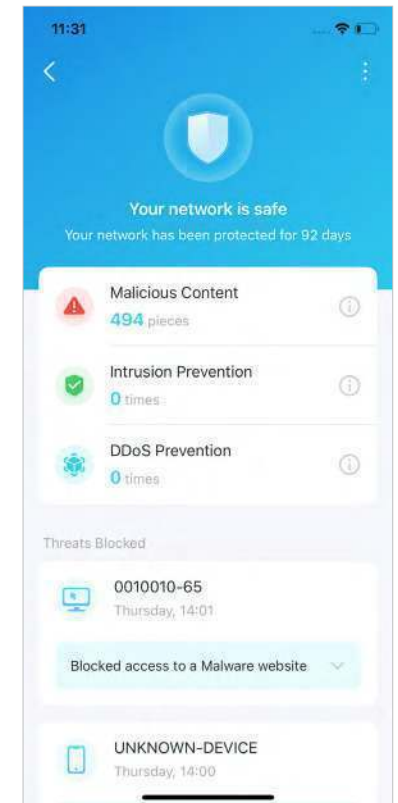
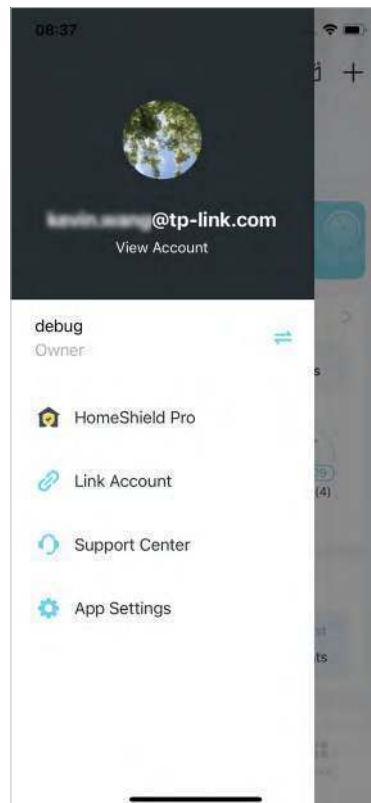
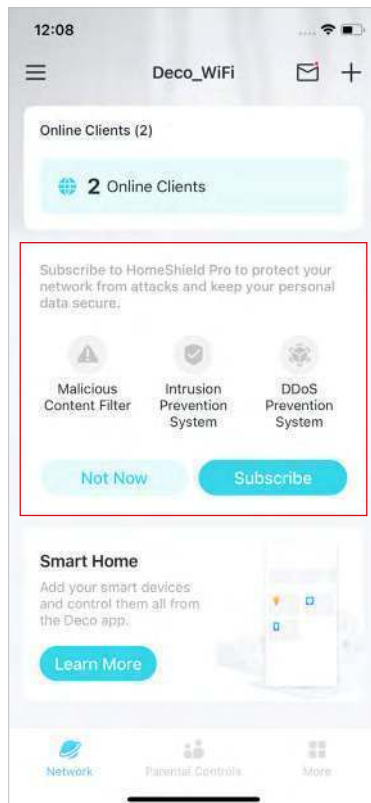
Tap to disable seamless roaming.

Tap to block the device from accessing your network.

Protect Your Network with HomeShield Pro

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

1. On the home page, swipe up and tap the HomeShield Pro module. Alternatively, tap  and go to [HomeShield Pro](#).
2. Subscribe to get real-time network protection.
3. On the homepage, tap the Network Protection module to check security details and network recommendations.



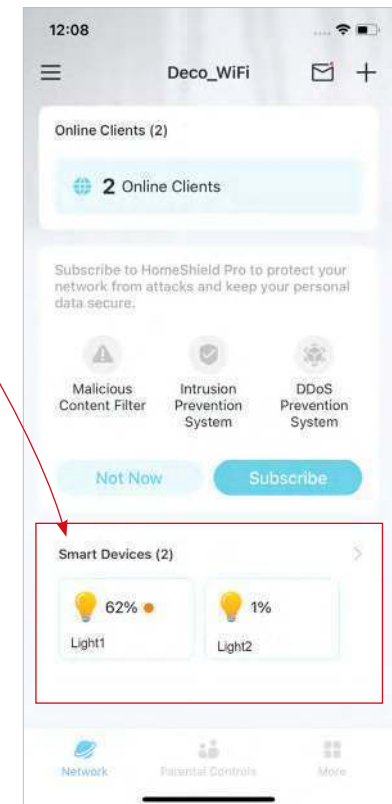
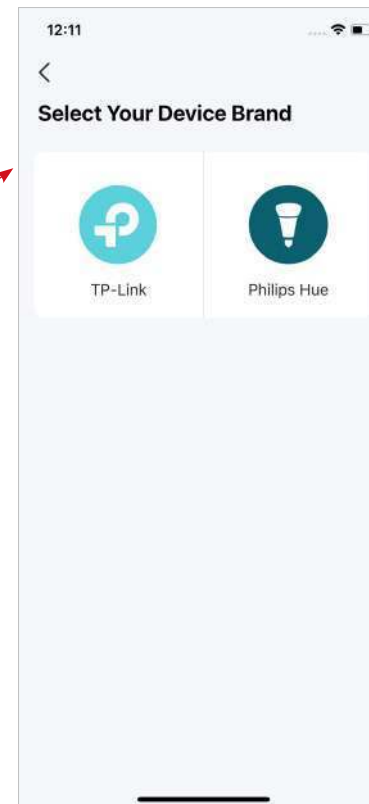
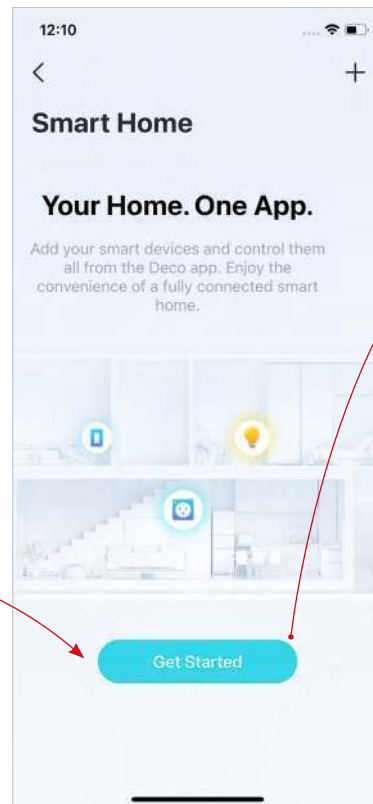
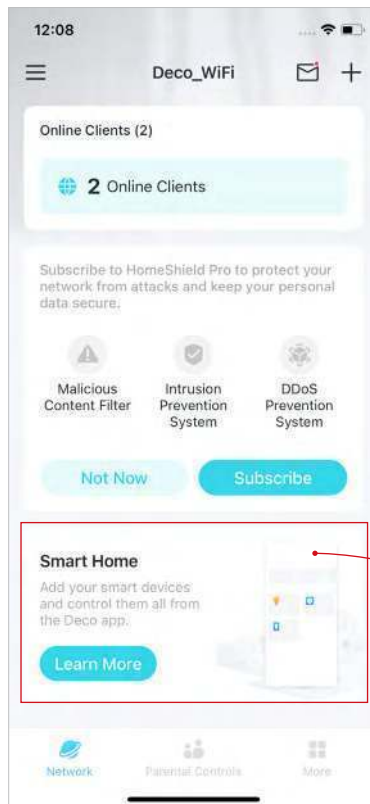
Smart Home

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

Add Smart Devices

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

1. On the home page, swipe up and tap the Smart module.
2. Tap [Get Started](#).
3. Follow app instructions to add your devices.
4. The added devices will be displayed in the Smart module.

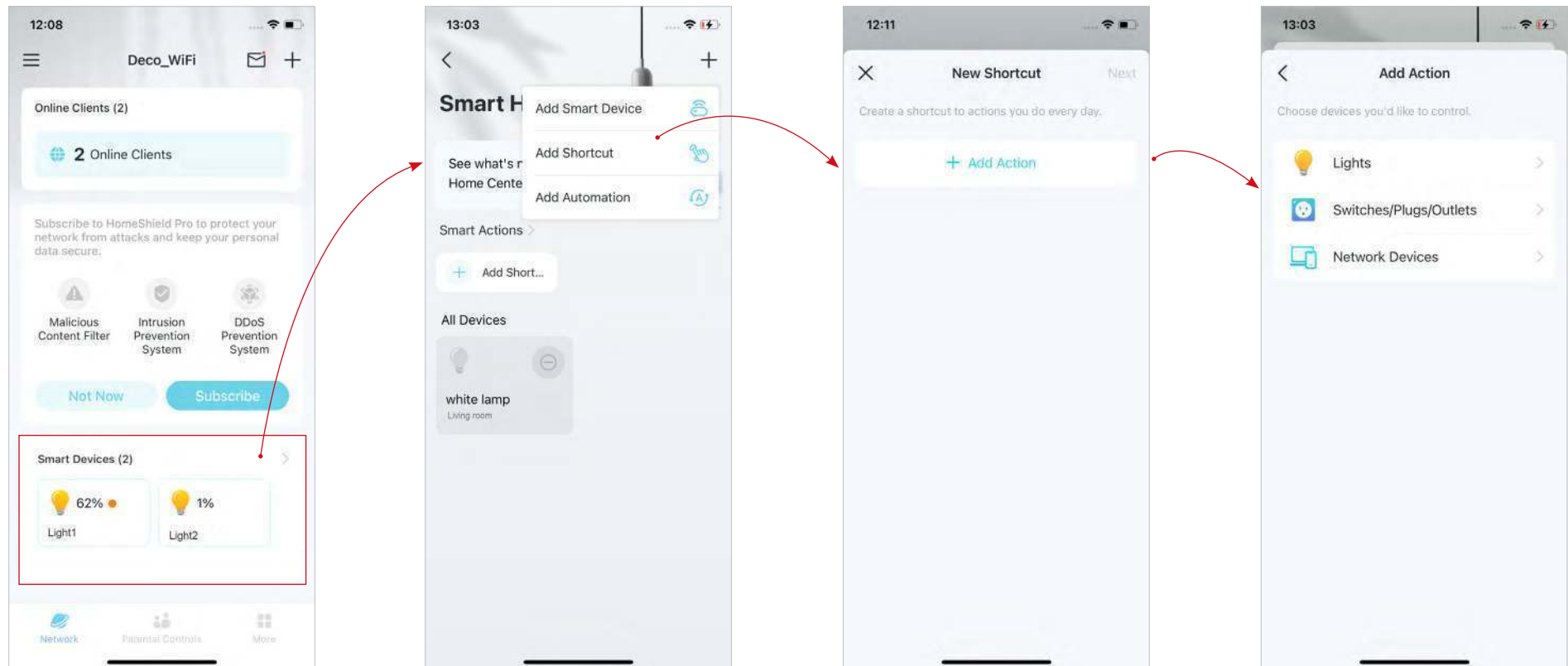


Quickly Do Tasks with Shortcut

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

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

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

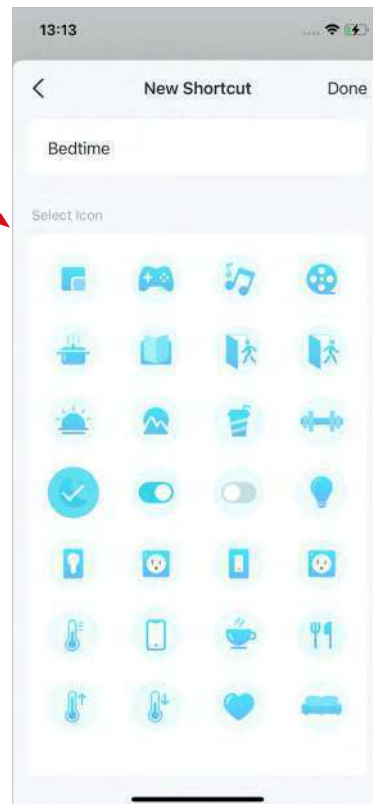


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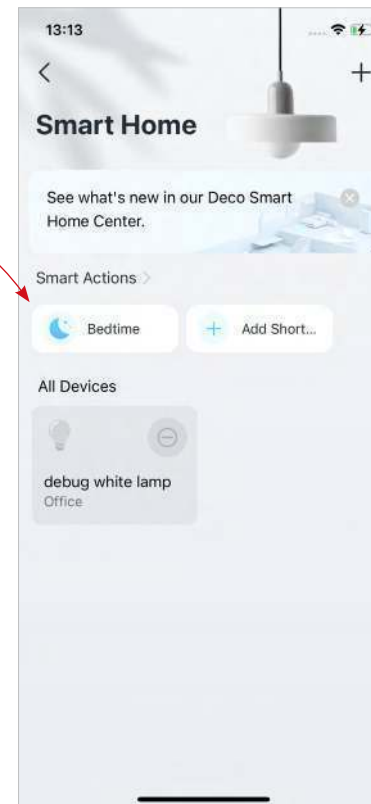
5. Add an action to be executed with a simple tap.



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



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

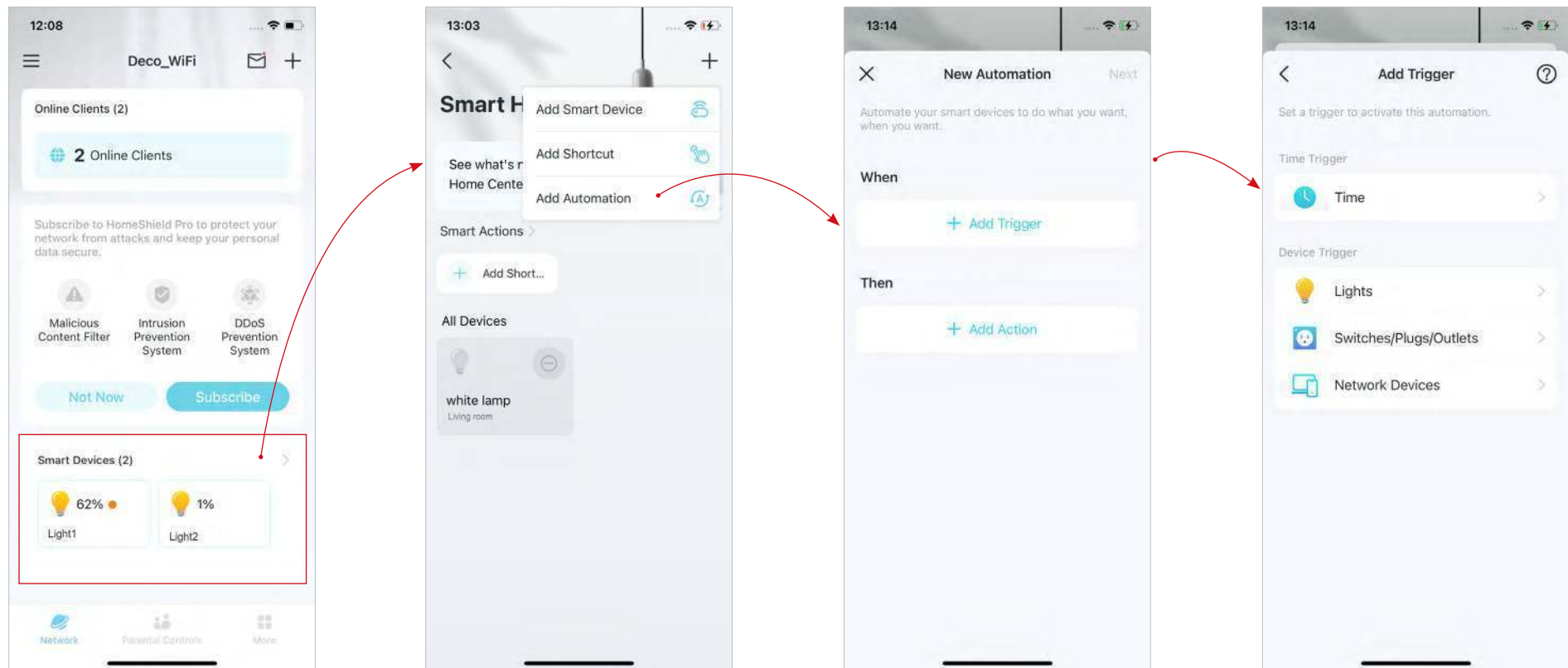


Automate Your Smart Devices

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

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

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

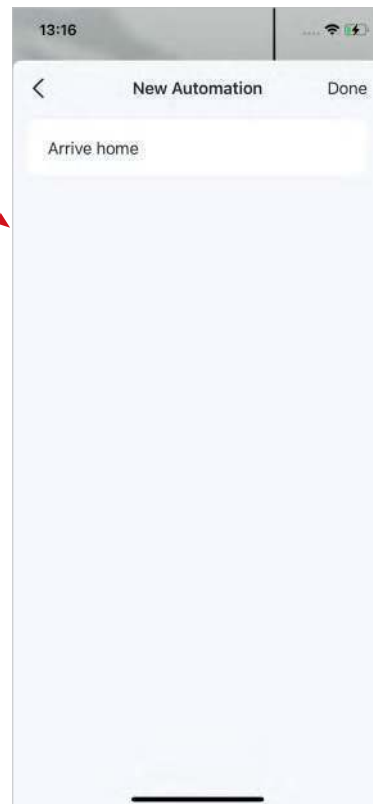


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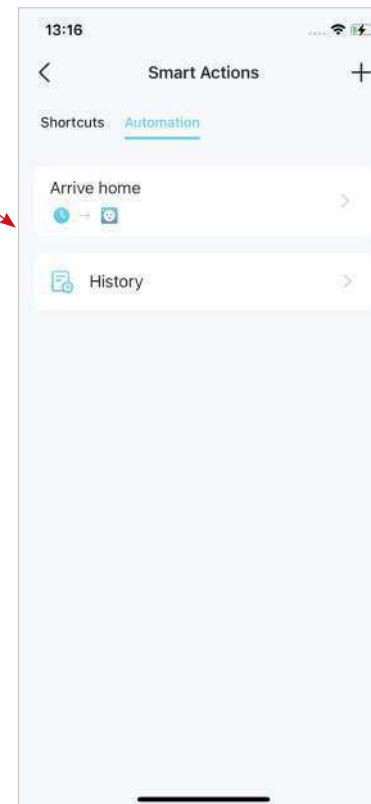
5. Add an action to be executed when triggered.



6. Name the automation.



Now the action will be executed when triggered.



Parental Controls

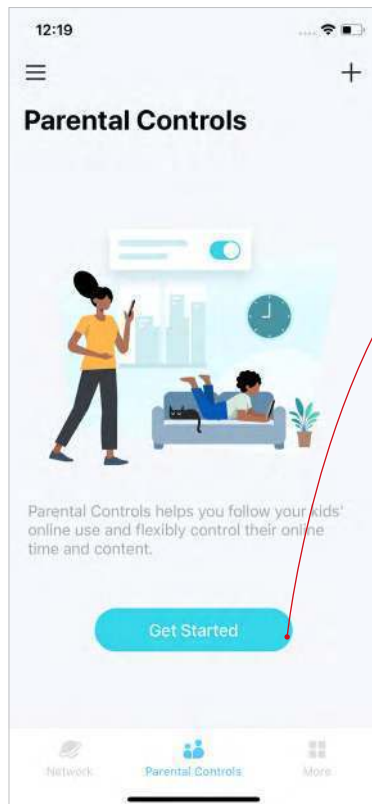
Parental Controls helps your kids maintain healthy digital habits.

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

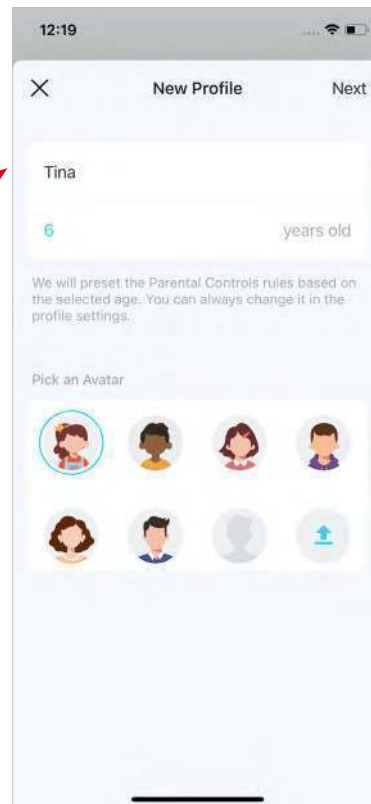
Control Online Time and Content

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

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



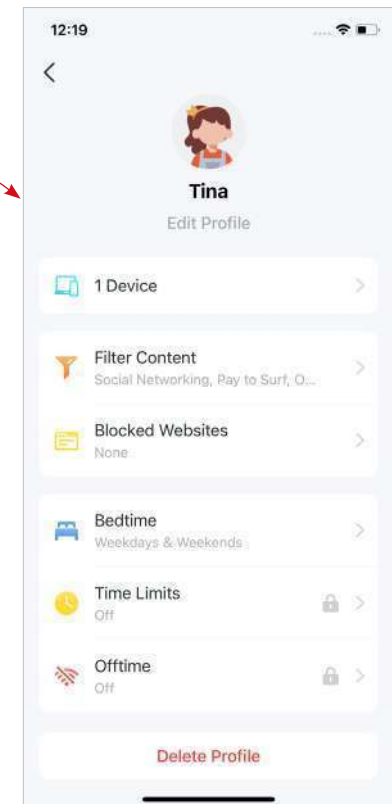
2. Tap **Get Started** and create a profile for your kid.



3. Select the devices belong to your kid.



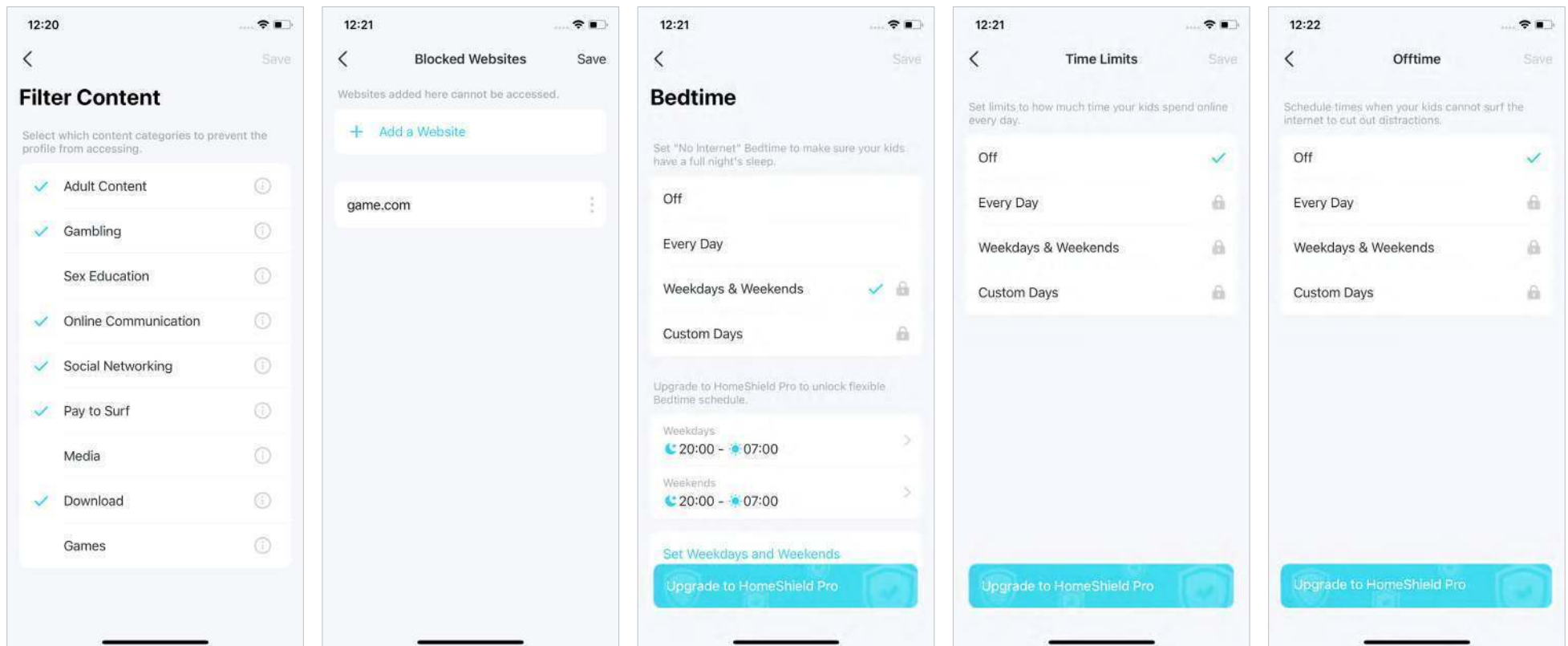
4. A profile will be created for your kid.



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

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

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



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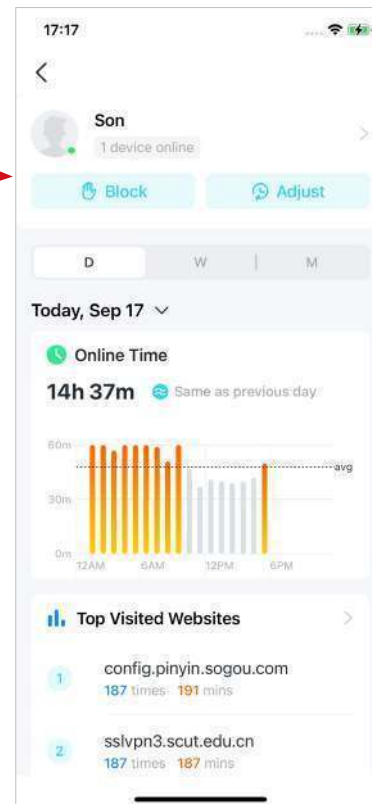
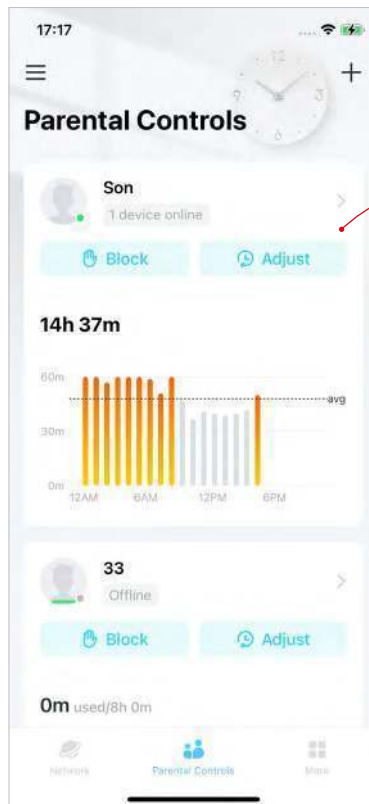
Monitor the Internet Usage

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

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

2. Tap a profile to monitor the internet usage.

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



Owner and Managers

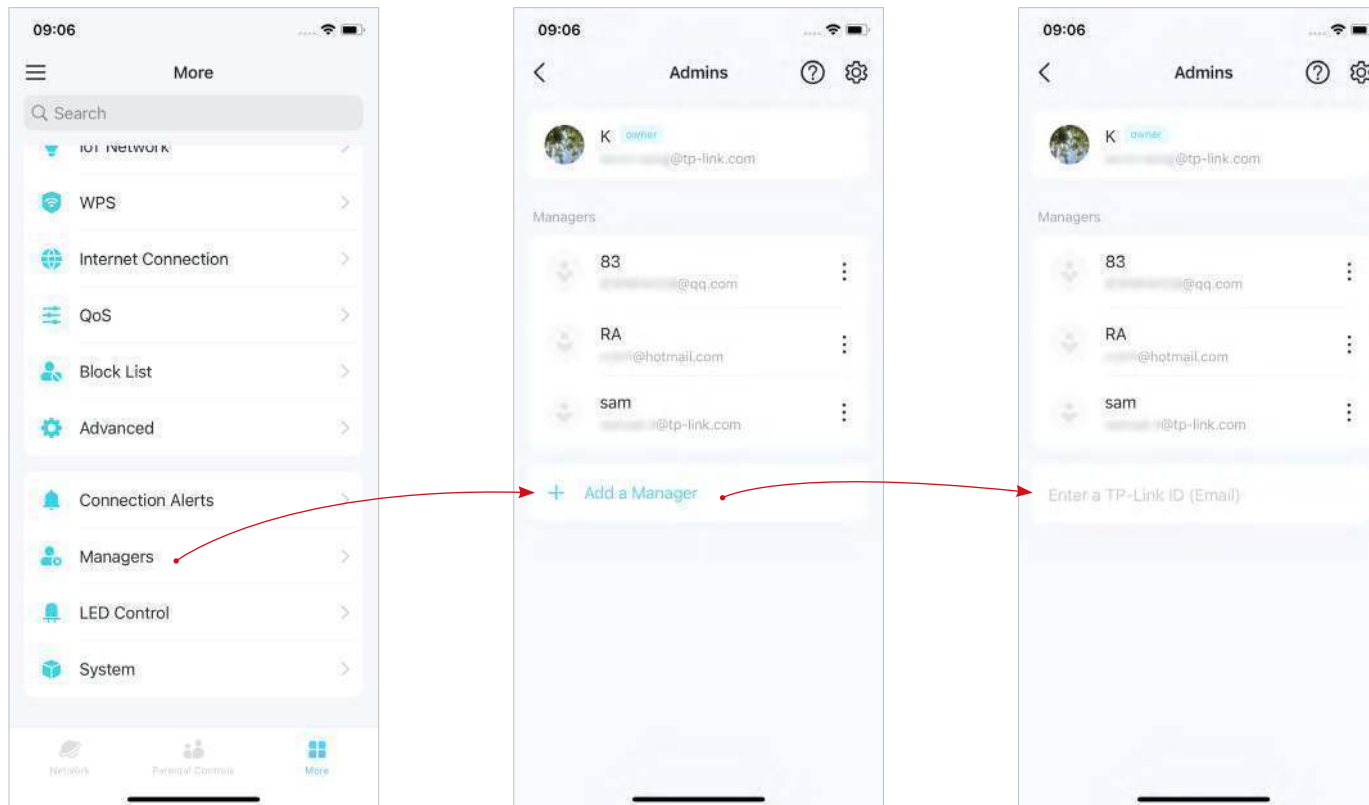
The Owner creates the Deco network and has full authority to manage the network. The Owner can add one or multiple Managers to help manage the network as permitted.

Add Managers

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

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

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



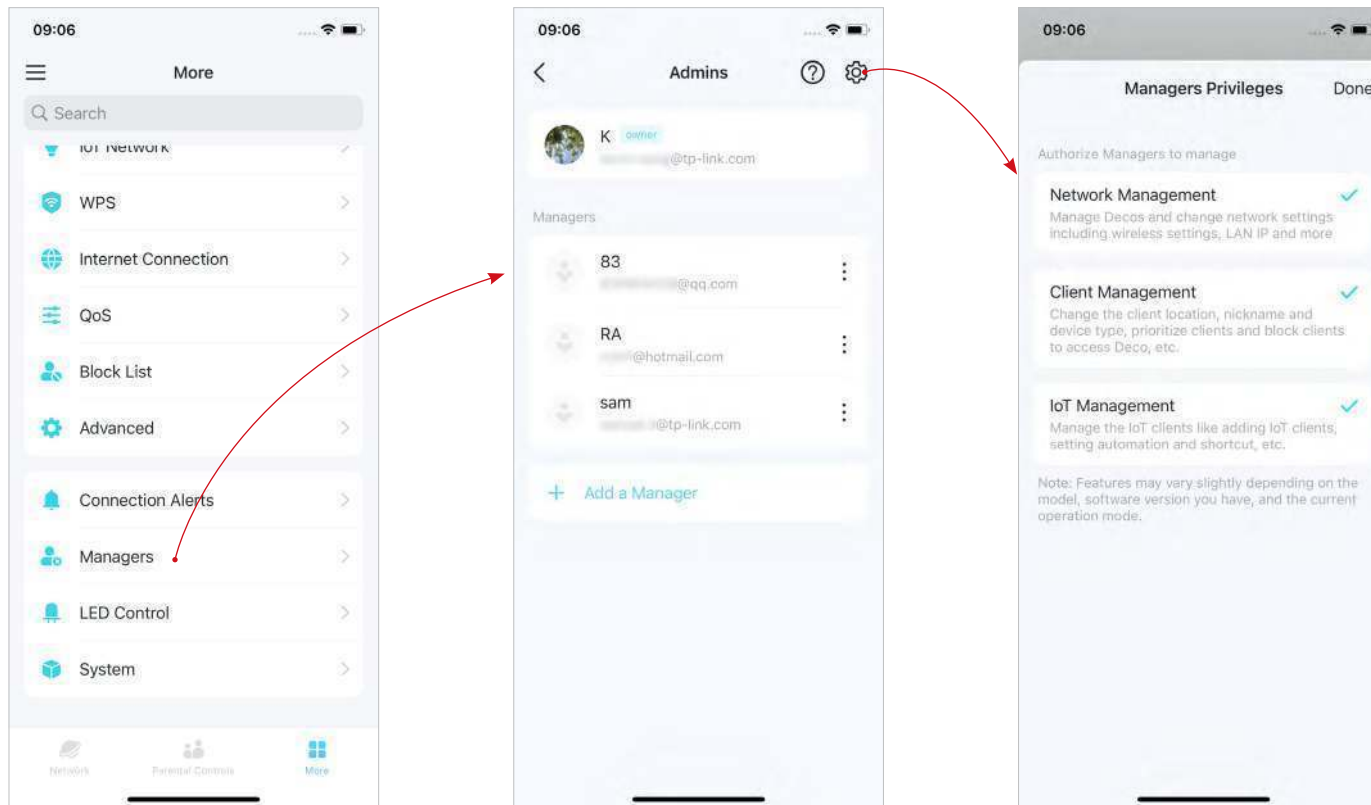
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Set Privileges for Managers

You can authorize Managers to manage specific settings.

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

1. Go to [More > Managers](#).
2. Tap  to specify the privileges for the Managers.

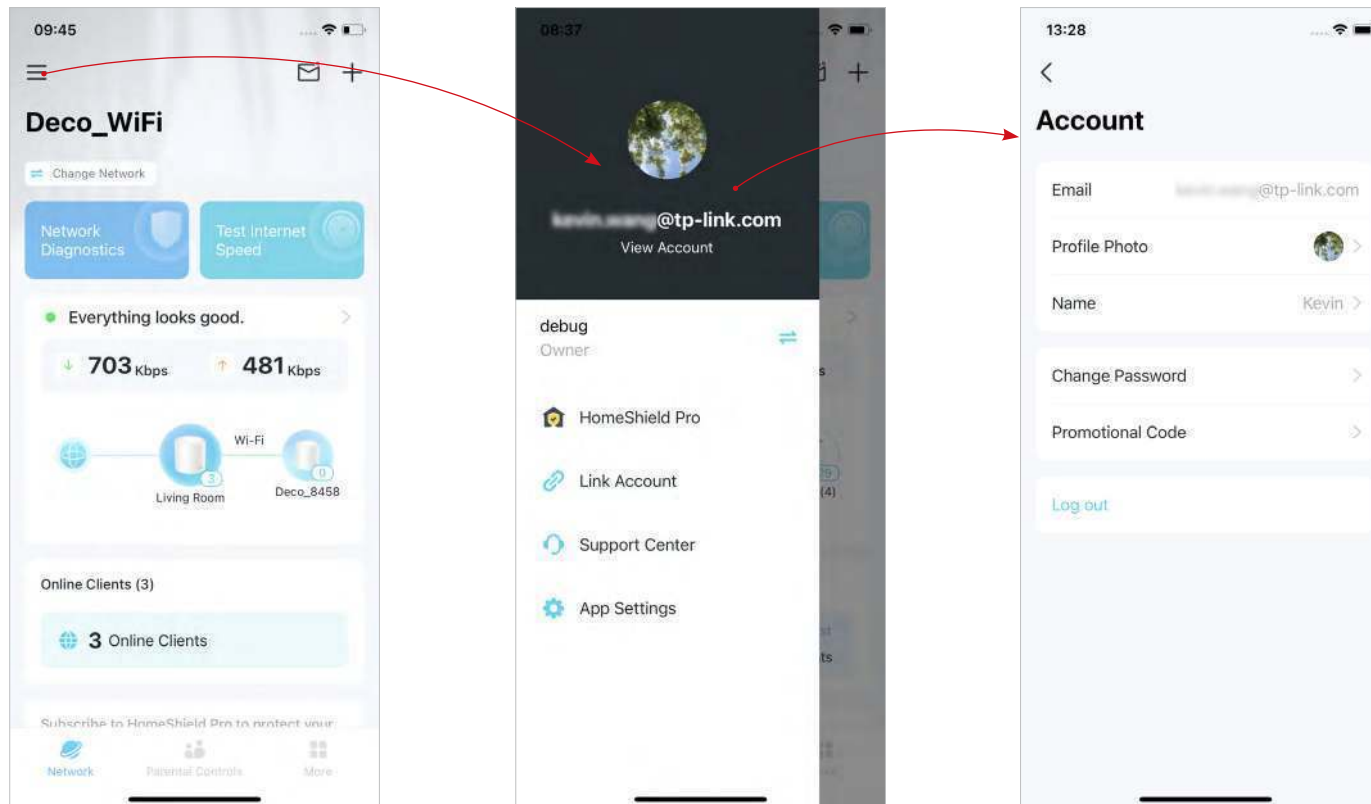


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Change Account Information

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

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



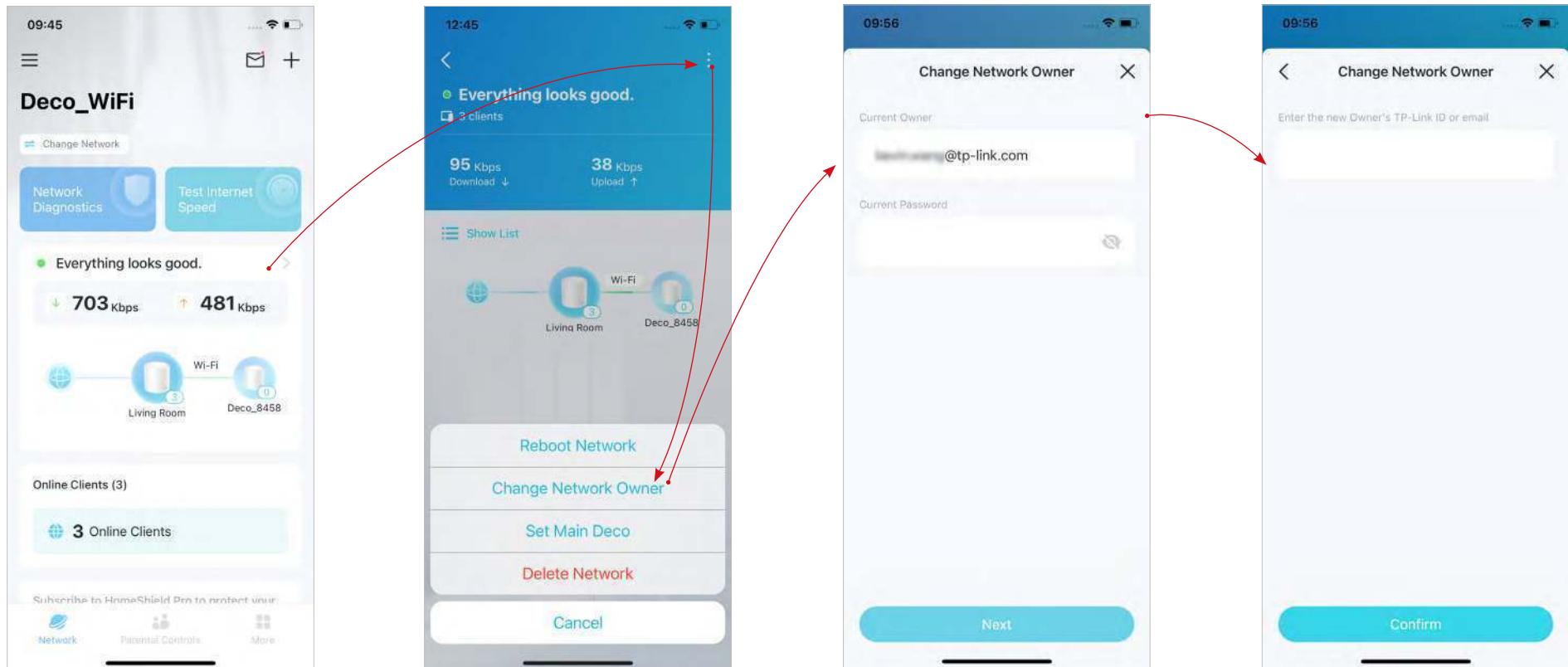
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Change Network Owner

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

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

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



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More Features

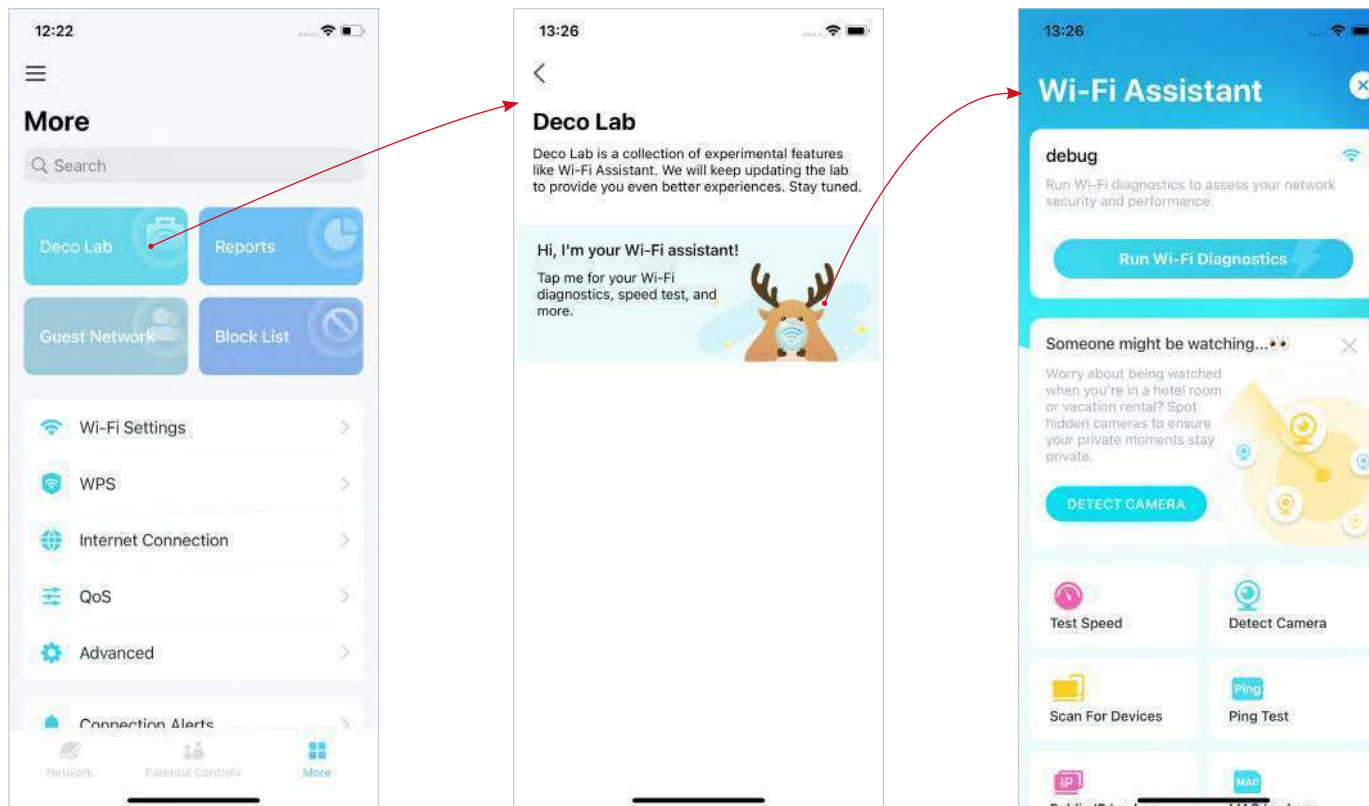
More features are within reach. Test the in-development features at the Deco Lab, receive intuitive network reports, set up networks for dedicated needs, and more.

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

Test Features at the Deco Lab

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

1. Go to [More](#) > [Deco Lab](#).
2. Check and test the in-development features.



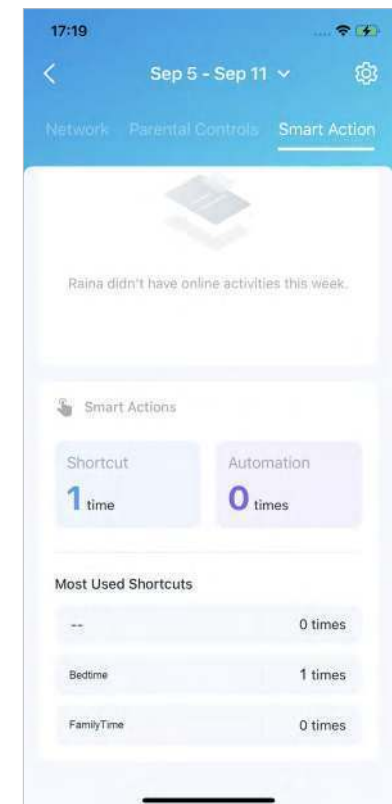
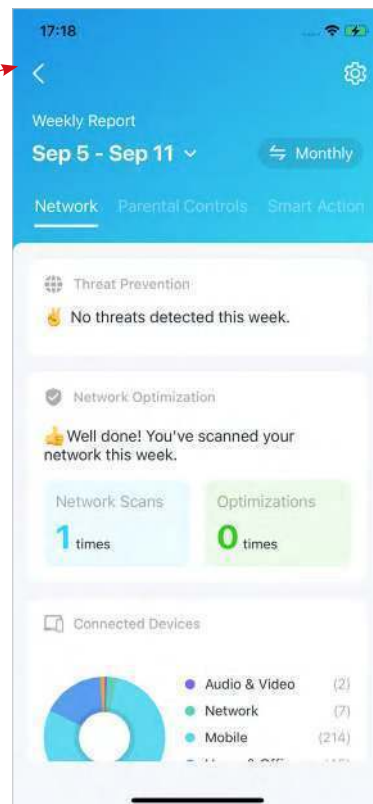
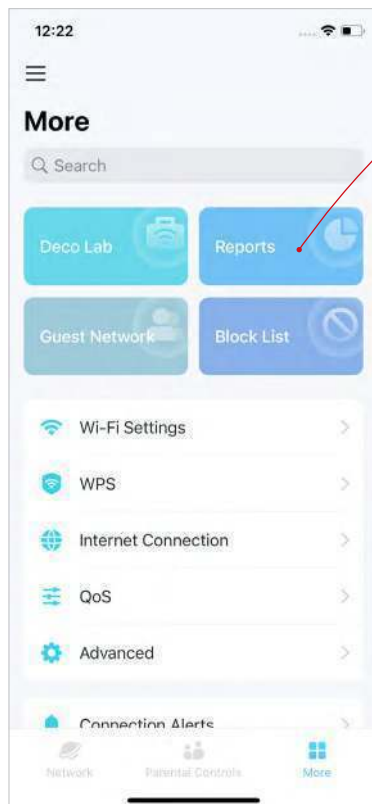
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

Check Network Reports

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

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

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



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Create a Guest Network

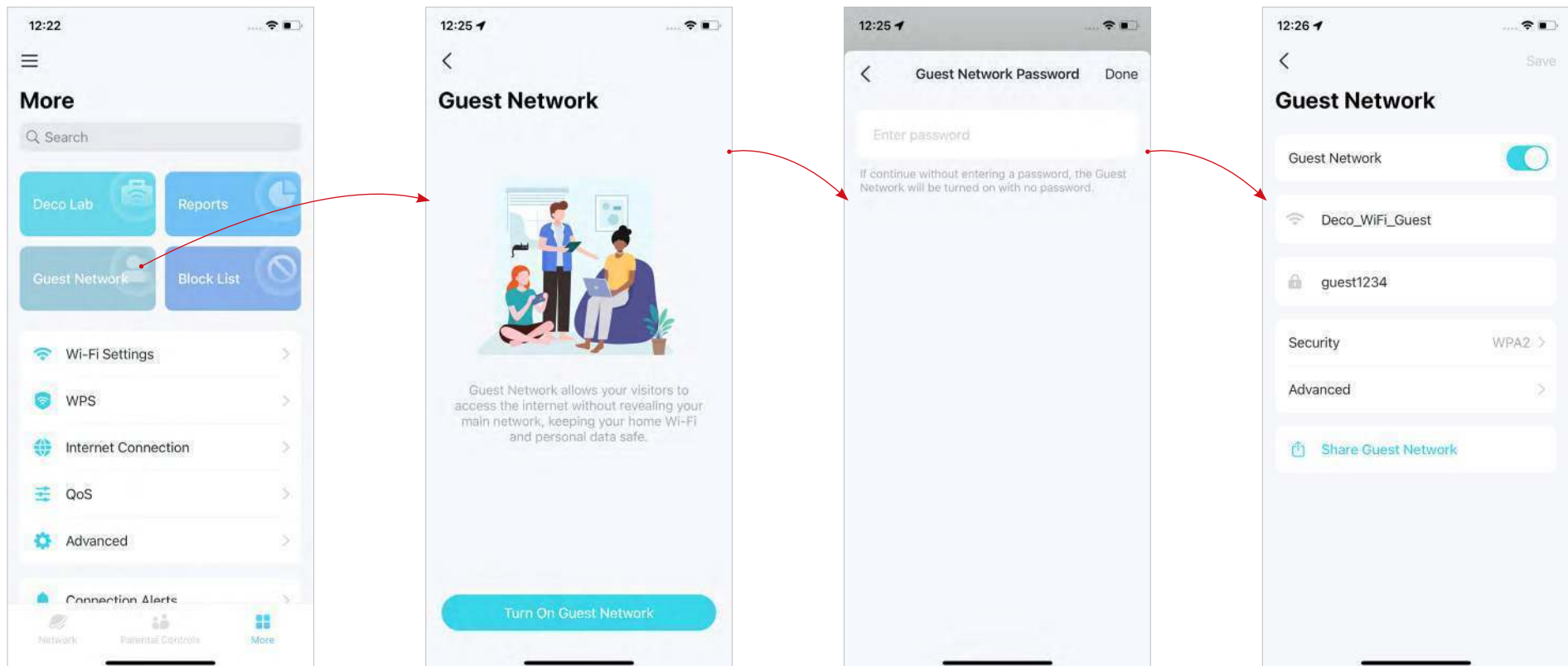
You can create and share a separate network for guests to guarantee the security and privacy of your main network.

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

2. Turn on Guest Network.

3. Set a password for the Guest Network.

Now your Guest Network is ready.



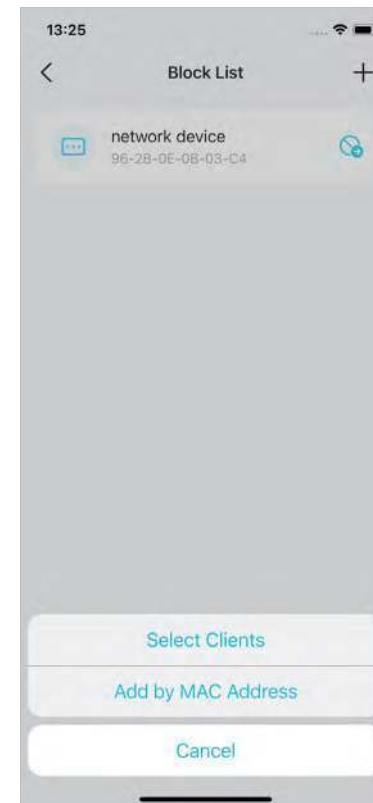
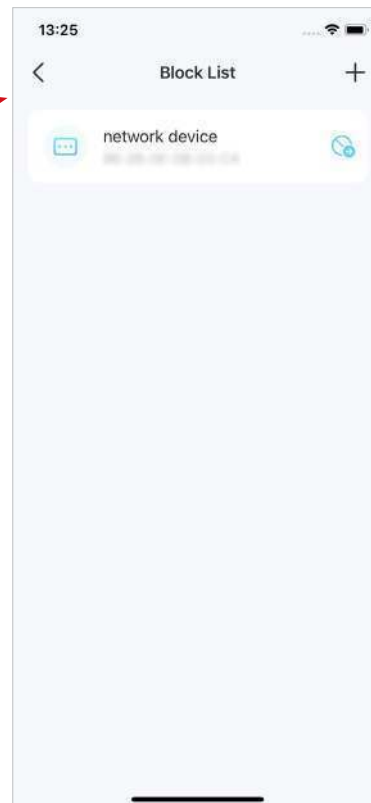
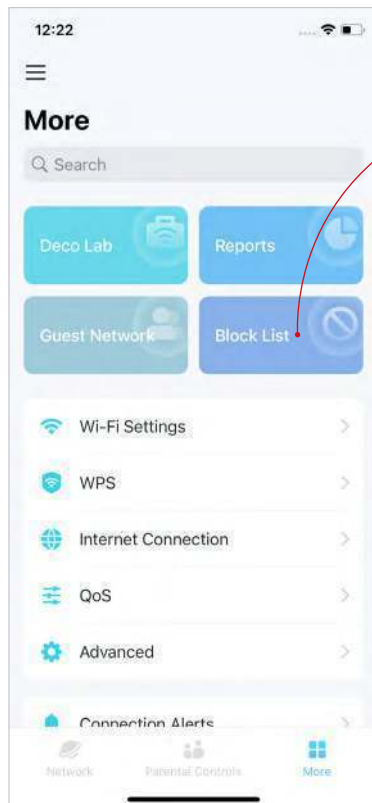
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

Block/Unblock Specific Devices

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

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

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



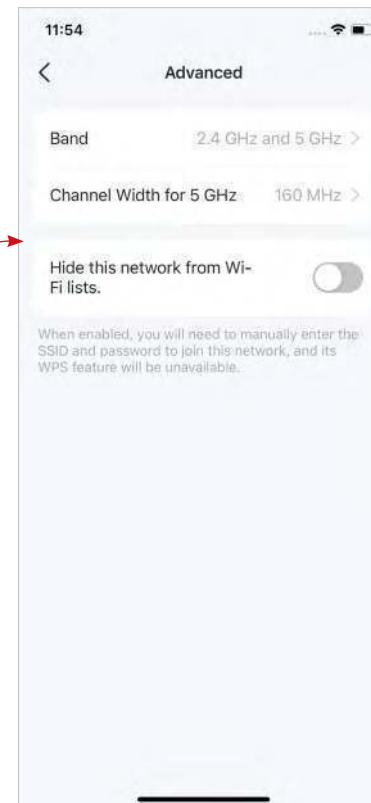
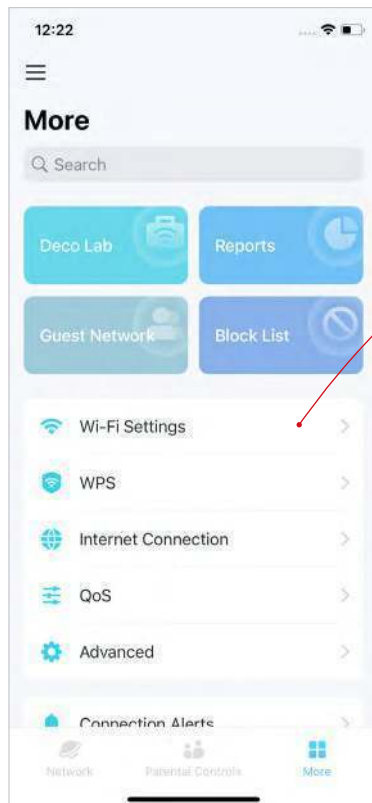
Change Wi-Fi Settings

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

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

2. Change basic Wi-Fi settings if needed.

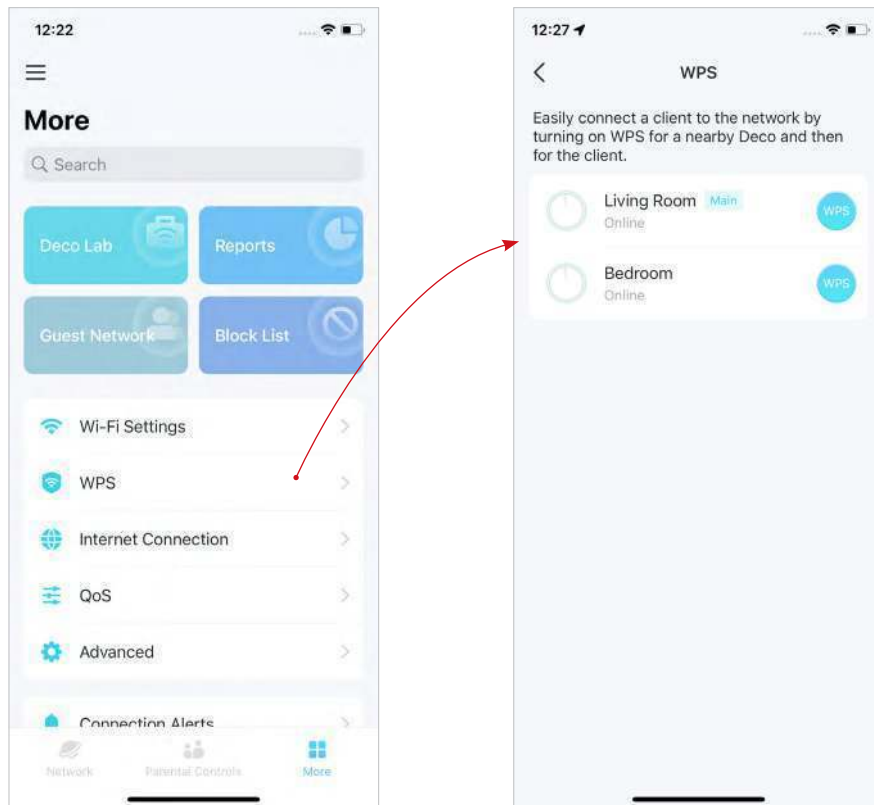
3. Tap [Advanced](#) for advanced Wi-Fi settings.



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.



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Change Internet Settings

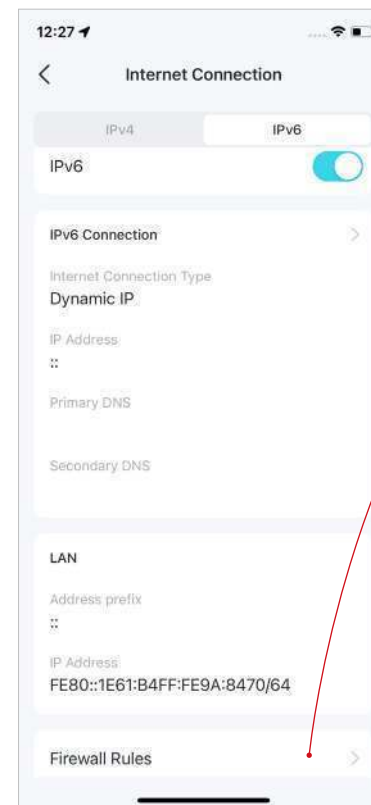
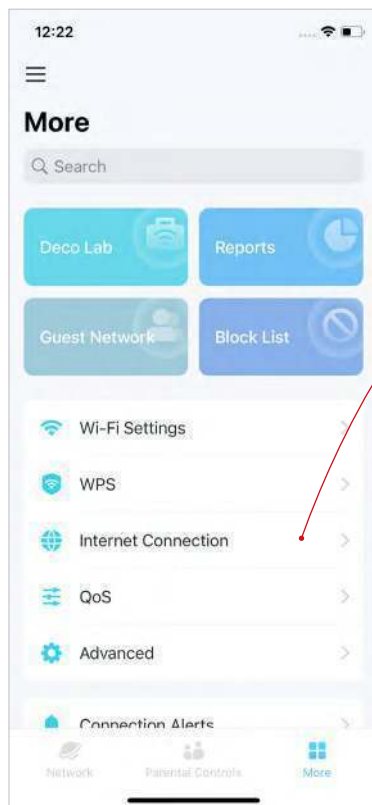
You can change internet settings if needed.

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

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

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

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



QoS

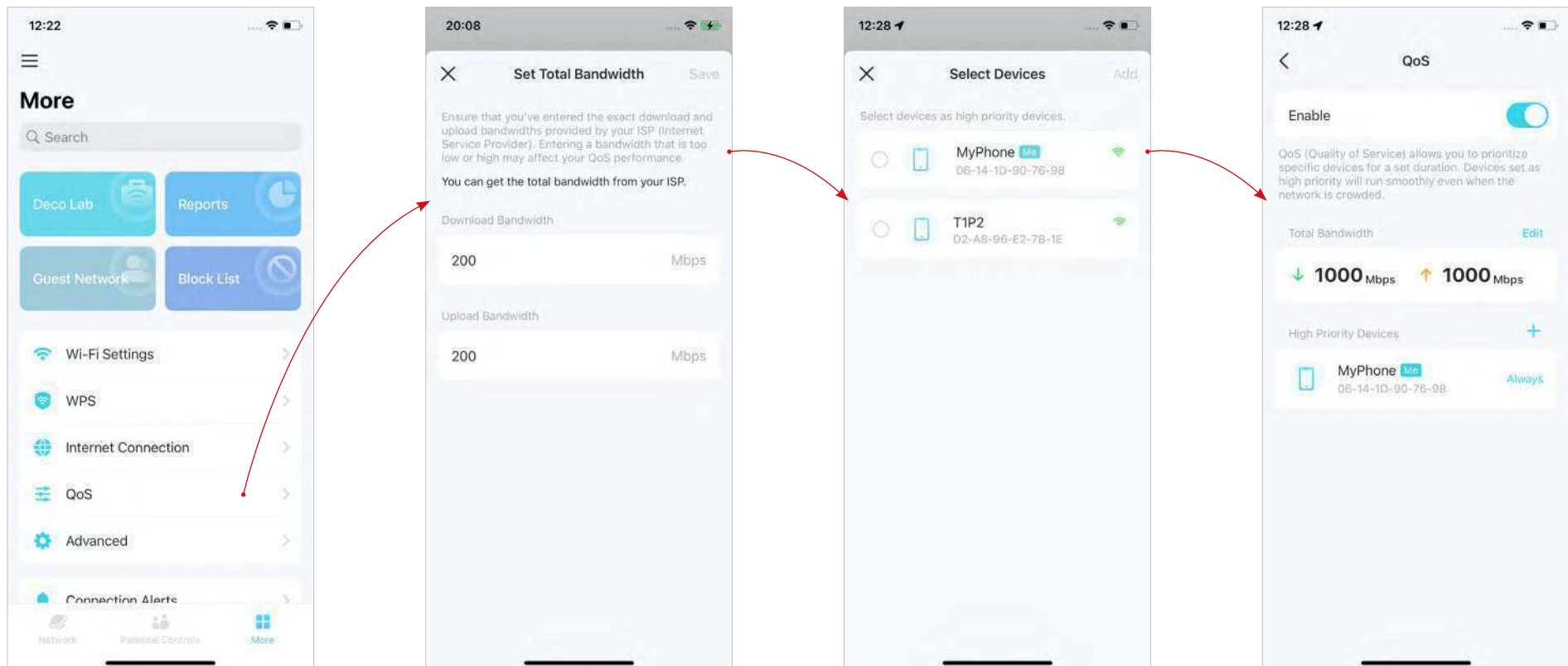
QoS (Quality of Service) allows you to prioritize specific devices. Devices set as high priority will run smoothly even when the network is crowded.

1. Go to **More > QoS**.

2. Enable **QoS** and set the total bandwidth provided by your ISP.

3. Add high priority devices.

Now the specified device(s) will be prioritized.

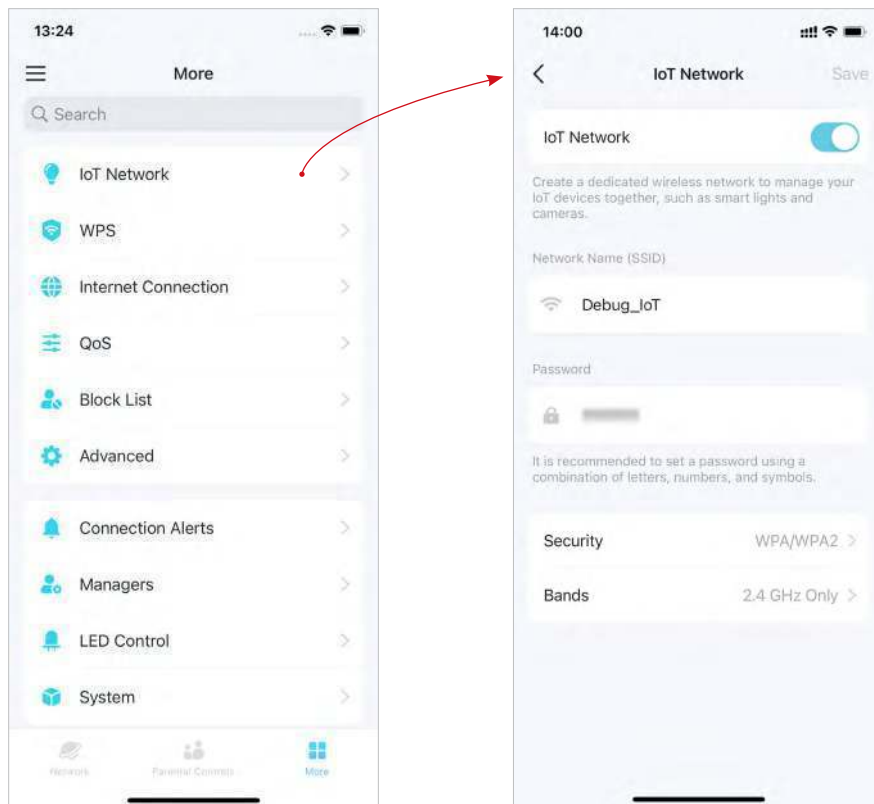


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IoT Network

You can create an IoT network to centrally connect and manage your smart devices.

Go to [More](#) > [IoT Network](#) to create an IoT network for your smart devices.

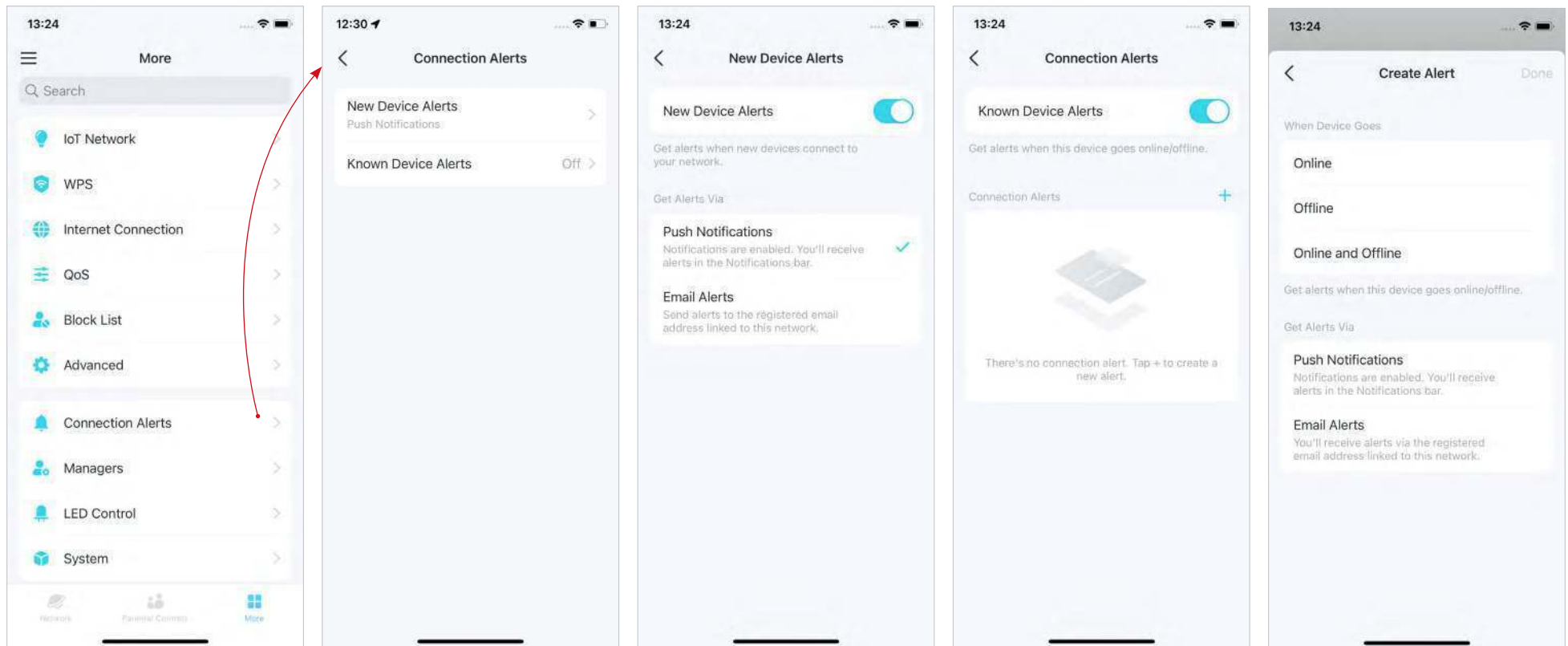


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Configure Connection Alerts

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

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

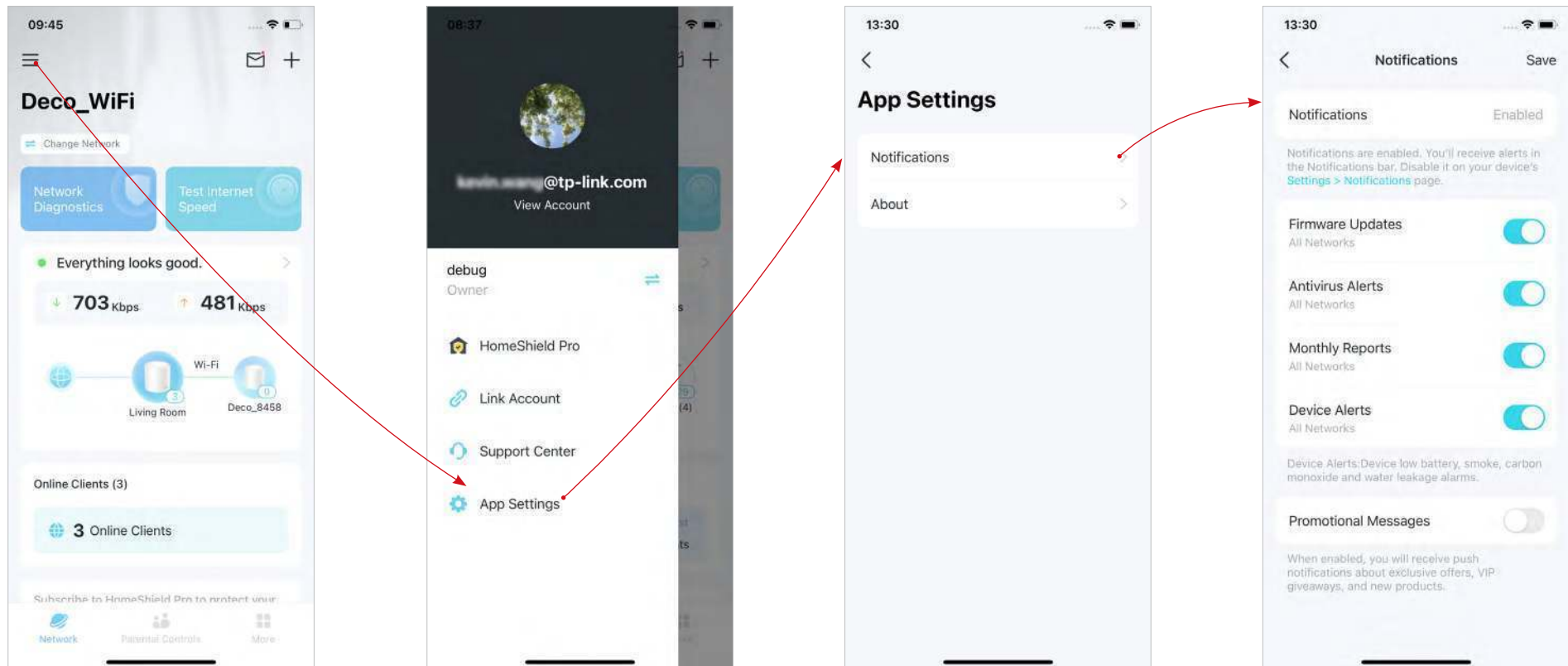


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Enable App Notifications

You can enable notifications of what you care most.

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

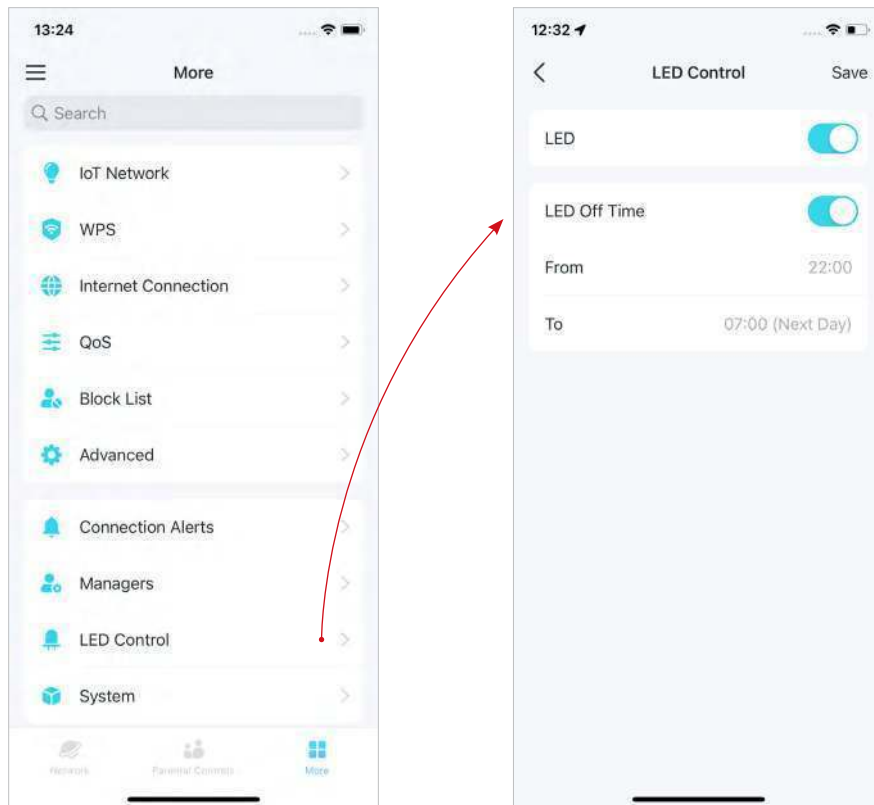


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Control the Light on Decos

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

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



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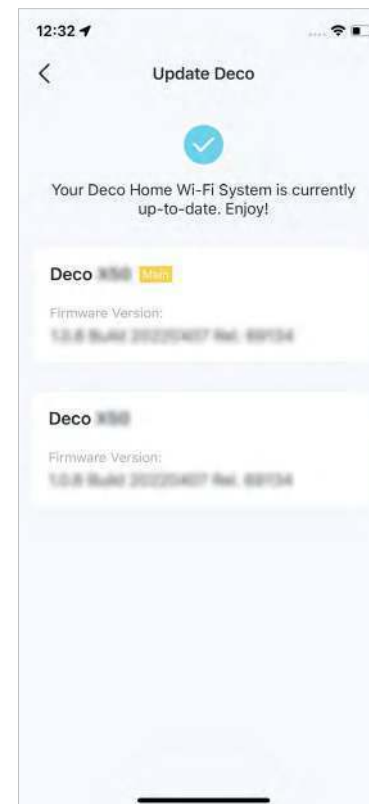
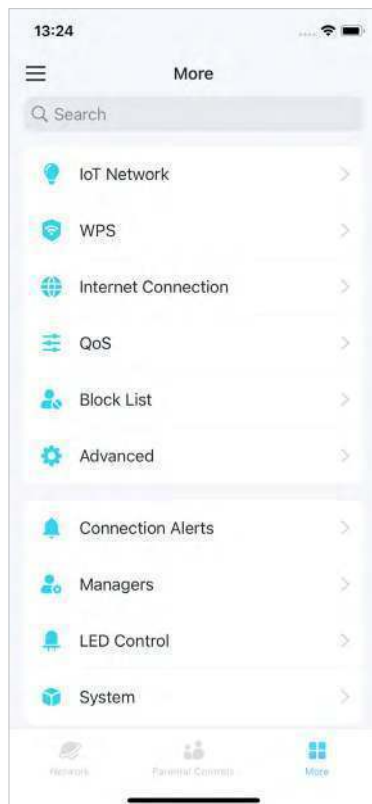
Upgrade Your Deco

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

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

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

3. All Decos in your network will be updated.



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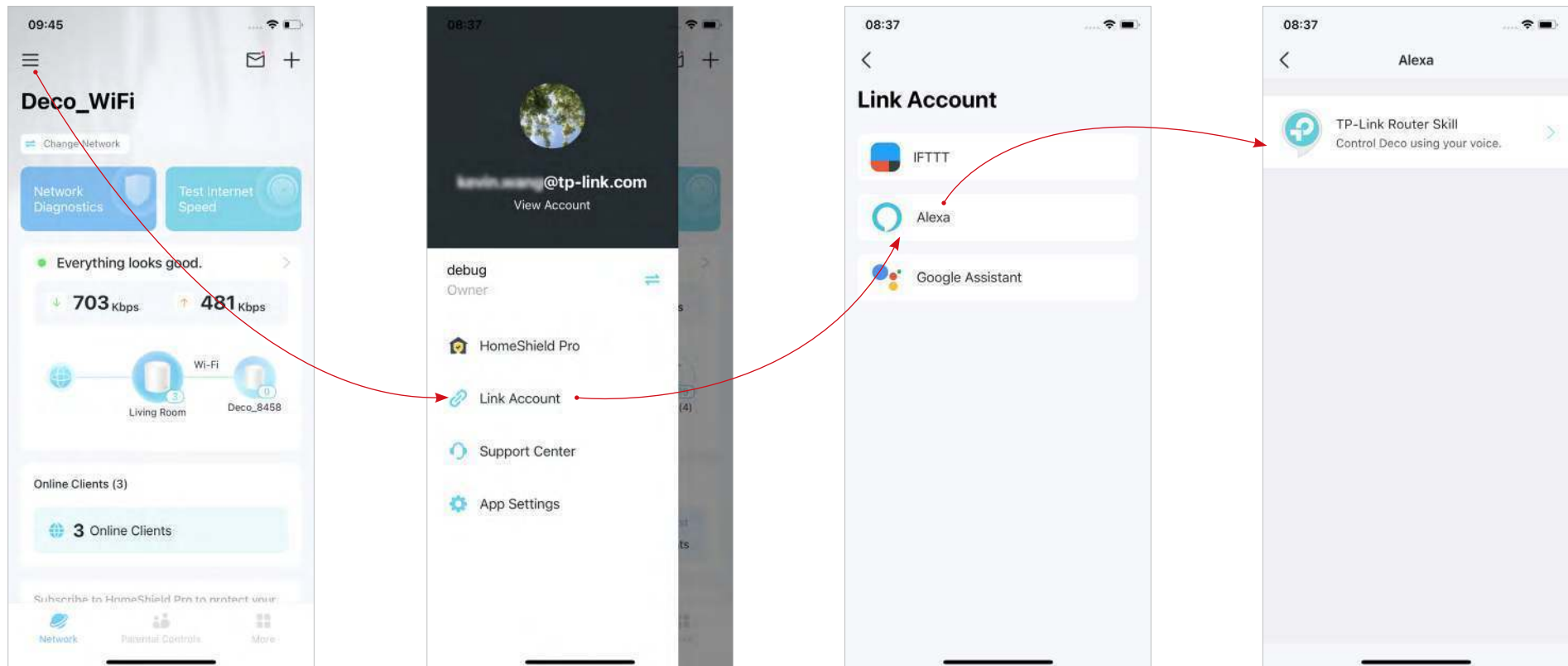
Control Your Deco with Alexa

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.

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



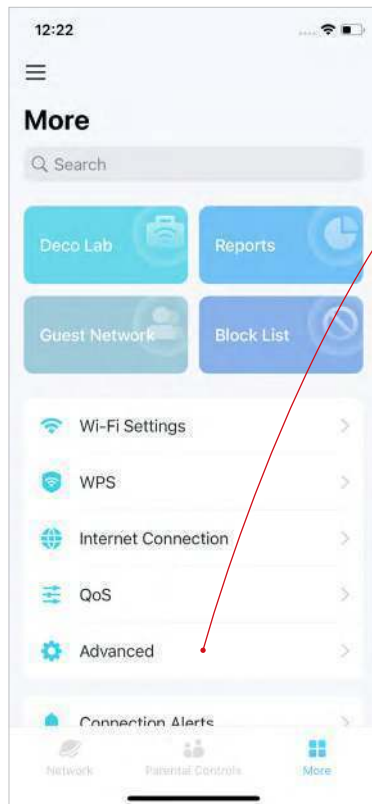
* Features available in Deco may vary by model and software version. Deco availability may also vary by region or ISP.

Advanced Features

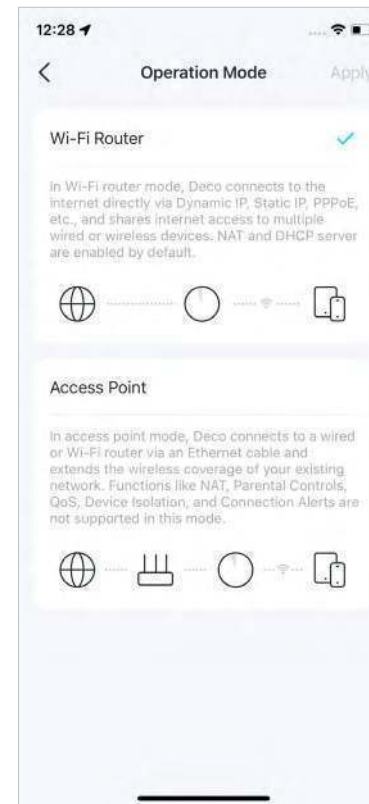
Deco 3.0 offers a list of advanced features to fulfill diverse network needs.

 **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.



Change the operation mode.



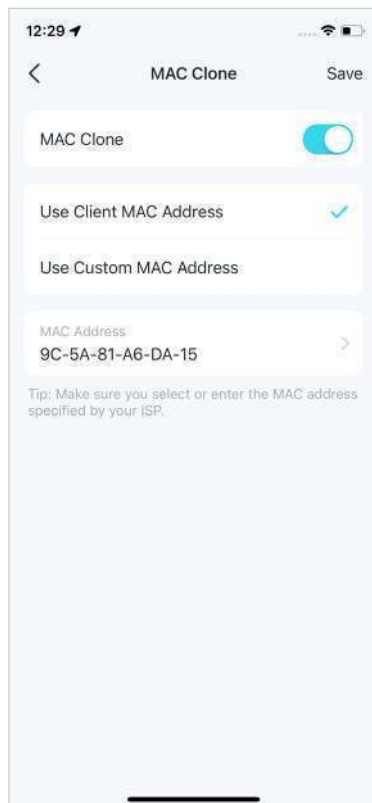
Enable IPTV/VLAN mode to support IPTV services.



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

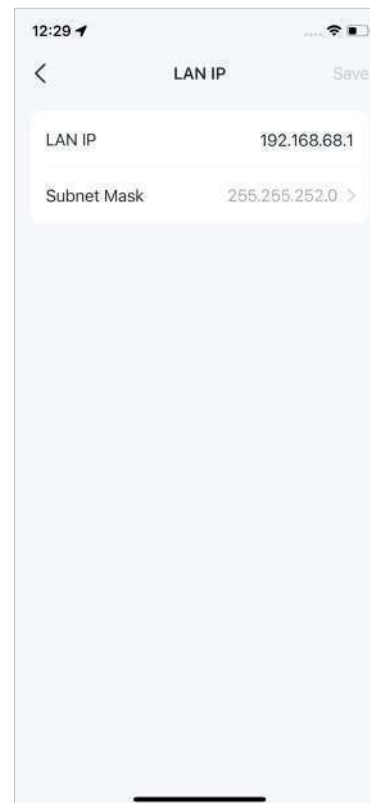
Enable MAC Clone if your ISP only allows specific MAC addresses.



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



Modify LAN IP to avoid IP address conflict.

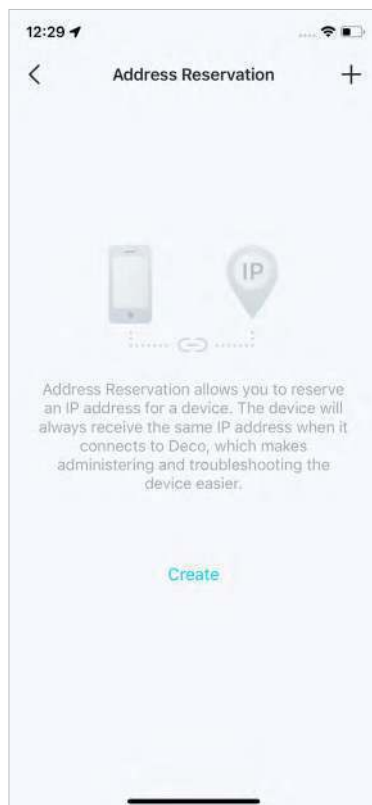


Change DHCP Server settings.

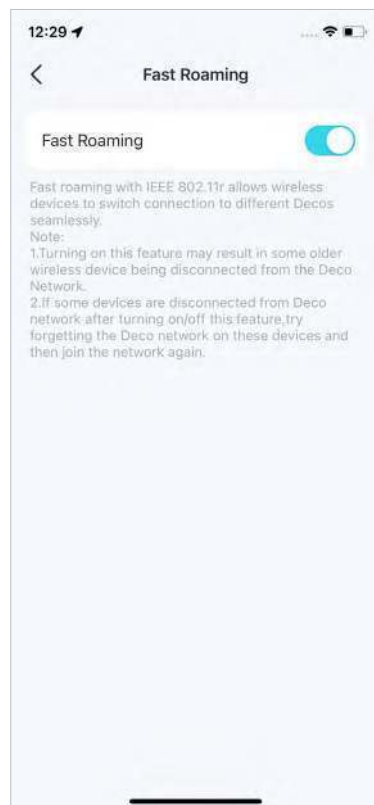


Tip: You can use the search box on the [More](#) page to quickly find the features you need.

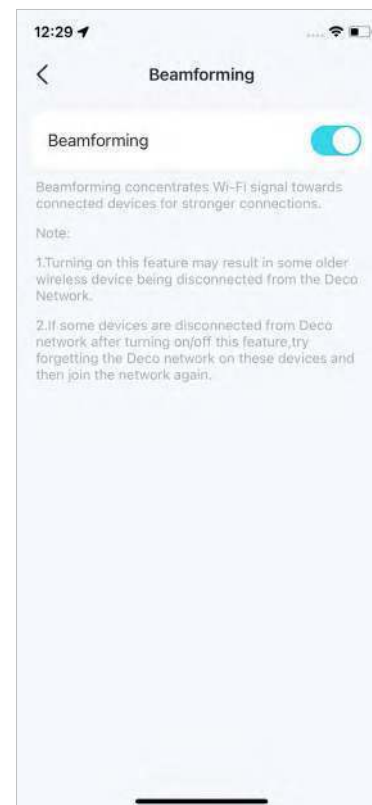
Reserve IP addresses for specific devices to recognize and manage them more easily.



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



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



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



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

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

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

