What is the Difference Between Meter and Meter Plus?

Differences	SwitchBot Meter	SwitchBot Meter Plus
Installation Method	4 ways to install ·Attach to the wall (with the built-in magnet and the iron plate stick to the wall) ·Attach to the fridge (with built-in magnet) ·Stand up ·Tiltedly stand (with the little supporter)	6 ways to install ·Attach to the wall (with the built-in magnet and the iron plate stick to the wall) ·Attach to the fridge (with built-in magnet) ·Stand up ·Tiltedly stand (bracket adjust to the first gear) ·Tiltedly stand (bracket adjust to the second gear) ·Hang it up (with the slot on the back)
Screen	2.1 inch	3 inch
Comfort Level	×	√ (dry, comfort, humidity)
Temperature Accuracy	-20℃~0℃：±0.4℃； 0℃~65℃：±0.2℃； 65℃~80℃：±0.3℃	-20℃~0℃：±0.4℃； 0℃~65℃：±0.2℃； 65℃~80℃：±0.3℃
Humidity Accuracy	10～90%RH：±2%RH； 0～10%； 90～99%RH±4%RH	10～90%RH：±2%RH； 0～10%； 90～99%RH±4%RH
Alert Notification	√ (Remote alarm requires Hub Mini)	√ (Remote alarm requires Hub Mini)
Temperature and Humidity Data Record	Local storage：30 days Server saves: Unlimited (requires Hub Mini)	Local storage：68 days Server saves: Unlimited (requires Hub Mini)
Battery Life	360 days	360 days

Third-Party Platform Integration	Meter	Meter Plus
Alexa	Can report temperature by voice; Cannot setup routine with the readings	
Google Home	Can report temperature by voice; Cannot setup routine with the readings	
Siri Shortcuts	Can display the temperature and humidity readings by push notification; Cannot report the readings by voice	
Apple Watch	√	√ (App version 6.5 or newer)
IFTTT	Can use the temperature and humidity data to create an applet	
iOS Widget	√	√
Android Widget	×	×

Can I use multiple SwitchBot Meters with my one app?

Yes. Multiple SwitchBot Meters can be used on the same SwitchBot App, with the same account logged in.

In fact, a lot of customers use more than one Meter in a wide variety of ways.

There's no limit to the number of Meters you can pair with a single mobile device. Users can connect multiple Meters simultaneously on the same cellphone. Also, a single Meter can be paired to multiple cellphone at the same time.

However, if we want to use the Meters in conjunction with a SwitchBot Hub (Plus/Mini), the rules will be slightlt different. One SwitchBot Hub (Plus/Mini) can connect up to 30 Meters. If more Meters are going to be connected to the Hub (Plus/Mini), we should consider adding another Hub (Plus/Mini).

Also, we can have multiple Hubs on one account. They can be in the same location or they can be in separate locations.

How many days of readings can the SwitchBot Meter store? And what happens after that?

Both the Meter and the APP store data.

The Meter automatically maintains a backup of the most recent 36 days of readings. Even if we are away from the Meter, it will continue to record the temperature and humidity of the surroundings. When the record reaches 36 days, it starts to overwrite the oldest data points.

Once the data is picked up by the APP, it will be stored indefinitely by the app on your mobile device.

Likewise, once the data is picked up by a SwitchBot Hub Plus/Mini (when a Hub Mini/Plus is used in conjunction with the Meter), it will be stored indefinitely in the cloud service of SwitchBot Meter.

Can I use Meter alone, or do I need a Hub Plus/Mini?

It all depends on whether or not you need to monitor your Meter remotely and/or if you want to back up or sync your data with others on the SwitchBot cloud.

To use the SwitchBot Meter alone? You can either check the readings from the LED screen directly, just like the traditional thermometer and hygrometer.

Alternatively, you can use the SwitchBot App to pair your mobile phone with the Meter. This unlocks more possibilities like getting the last 36 days of historical data (via Bluetooth), getting alert notifications, calibrating the Meter, etc.

The Meters use BLE to communicate, so on their own, they are limited to Bluetooth range (e.g. around the house - like a Bluetooth speaker).

If you would like to monitor SwitchBot Meters remotely (e.g. away from the house), you need to use them in conjunction with a SwitchBot Hub (Plus/Mini), which relays the data of any in-range SwitchBot Meters to the internet using your local Wi-Fi.

If you have a SwitchBot Hub (Plus/Mini), you can turn on the Cloud Service for the Meter. It means your data is always being uploaded and backed up automatically and boosts the speed when you check historical data (via the Internet). With Cloud Service enabled, the Meter also works with Alexa, Google Assistant, Siri Shortcuts, and IFTTT.

If you have a SwitchBot Hub (Plus/Mini) near your Meter, you can make all SwitchBot products work together, e.g. when the temperature is too high, it will turn on the air conditioner with the SwitchBot Hub (Plus/Mini) via infrared, or turn on a Fan with the Bot (by mechanically pushing a button).

	Feature	Meter	Meter+Hub
Within Bluetooth Range (<120 meters or 400 feet)	Check readings on Meter's display	✓	✓
	Check readings in SwitchBot App	✓	✓
	Check historical data	✓	✓
	Condition Alert	✓ *	✓
Remotely	Check readings in SwitchBot App	-	✓
	Check historical data	-	✓
	Condition Alert	-	✓
SwitchBot Home Automation	"Scene" feature**	-	✓
Third Party Services	Alexa	-	✓
	Google Home/Assistant	-	✓
	IFTTT	-	✓

Note:

* Bluetooth alert requires your iPhone's location permission under iOS's rule.

Bluetooth alert for Android is under beta testing now thus a SwitchBot Hub (Plus/Mini) is needed.

**With the "Scene" feature, you can set certain conditions to trigger actions of SwitchBot devices or IR appliances.

How to create a smart "Scene" with Meter, Hub Mini and other SwitchBot devices?

1. Set up your Meter correctly and pair it with a SwitchBot Hub device. Make sure the "Cloud Service" of your Meter has been enabled.

2. Your Meter scans the surrounding temperature and humidity every four seconds, records and uploads the data to the Cloud automatically. With the help of Hub, the load speed of temperature data in your App gets much faster than without a Hub.

3. Select "Scene" on the dock of SwitchBot App, then tap "+" to set up a new Scene.

4. Add a condition or multiple conditions as a trigger first, then add an action or multiple actions (device group control) as you need.

5. In this case:

- a. Select "Meter" as the condition, then set a specific temperature or humidity trigger.
- b. The next step is to set a desired air conditioner status (e.g. ON, COOL, MEDIUM, 25°C; or OFF) as the action. (Note: the air conditioner should have been added to the Hub Plus before this setup.)
- c. If you own other SwitchBot devices (Bot, Plug, or Fan), they can easily be set as actions as well.

Note:

For the Scene to run smoothly, make sure you set the condition(s) properly. Normally the preset action(s) will be executed within 2 minutes if the condition(s) has been met.

We'd love to hear your feedback so we can continue to improve the "Scene" feature. Kindly suggest an improvement via "Feedback" in SwitchBot App.

How to set up your Meter and pair with a Hub device

https://youtu.be/W4MTRskpEAw

1. Open the SwitchBot App, tap "Add Device" on the left sidebar menu, then select "Meter". (Please make sure the Bluetooth function on your phone has been turned on. Also, the location service for the SwitchBot app should be authorized on your phone.)
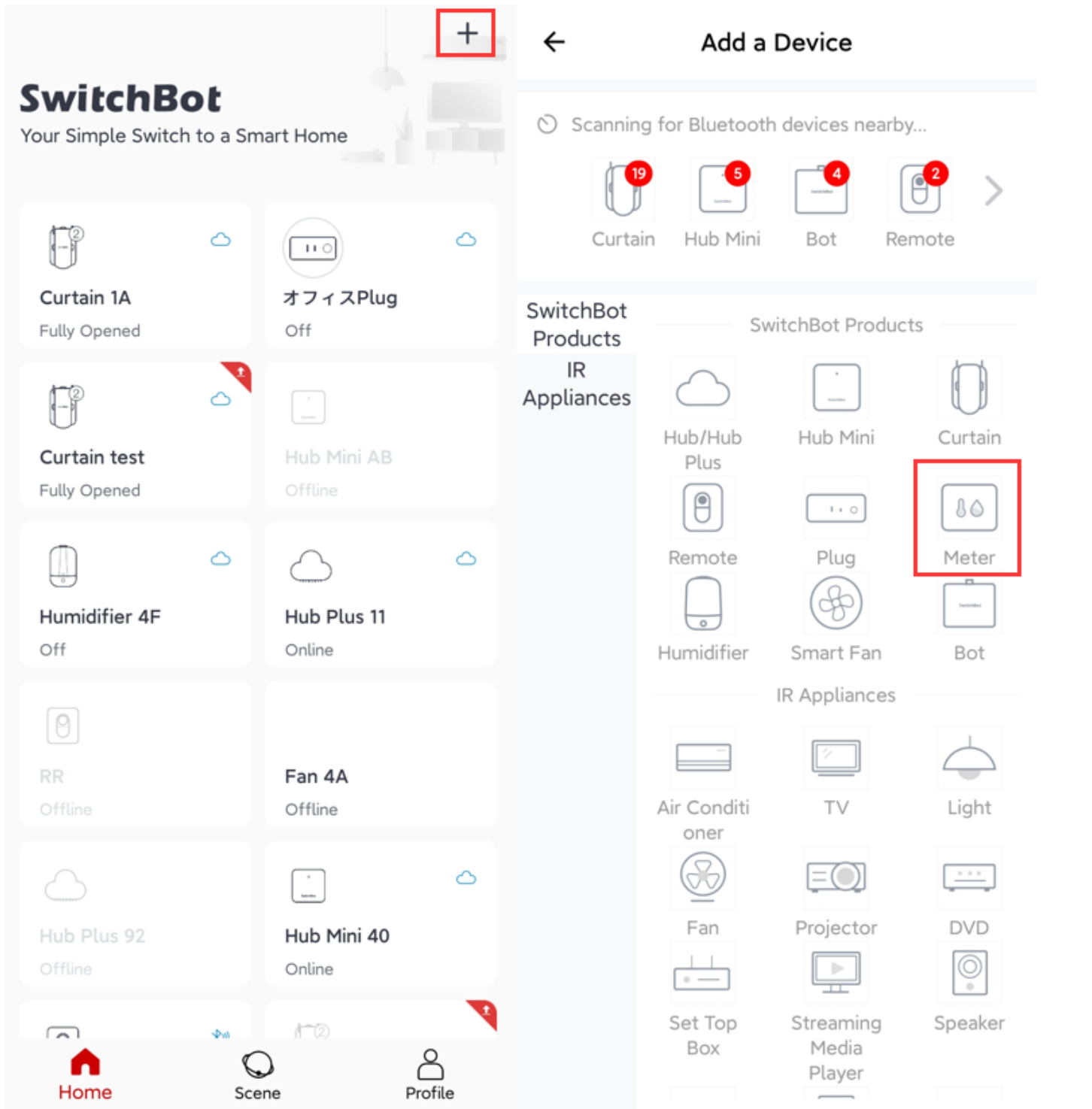
2. Long press the button on the backside of your Meter until the Bluetooth icon flashes on the Meter's display. The button is right above the battery compartment.

3. Tap "Next" on your App, then wait for a few seconds. You'll find the Meter added to SwitchBot App successfully.

Press and hold the button on the back until the Bluetooth icon on the screen blinks. If the add-on was attached magnetically to the back, remove it before pressing.
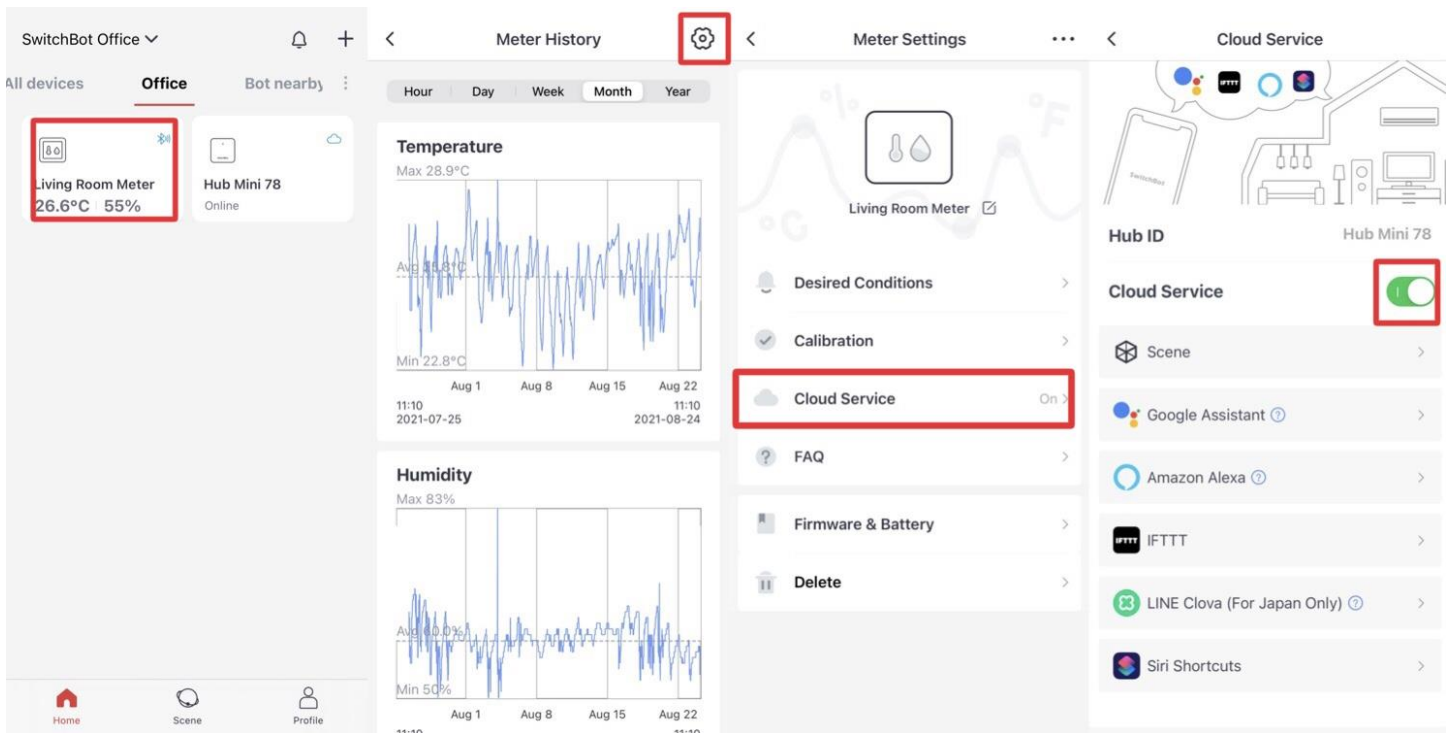
Bingo!

Next

OK

4. Go to the settings page of the SwitchBot Meter you just added. Then enable the Cloud Service.

5. Now you have paired your Meter with the Hub Plus/Mini. The Hub device makes checking your Meter remotely and historical data storage possible. What's more, it opens up possibilities for setting up a "Scene" as well as Alexa/Google Home/IFTTT integrations.
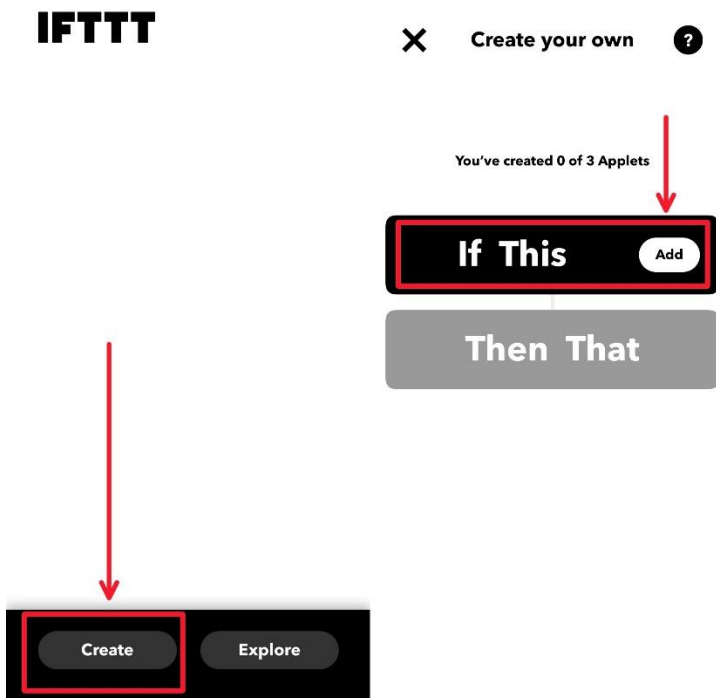
How to use Meter as a trigger in IFTTT

Step 1: Turn on the Cloud Service for the SwitchBot Meter on the app.

(Make sure that the SwitchBot Hub Mini is connected to the Internet.)
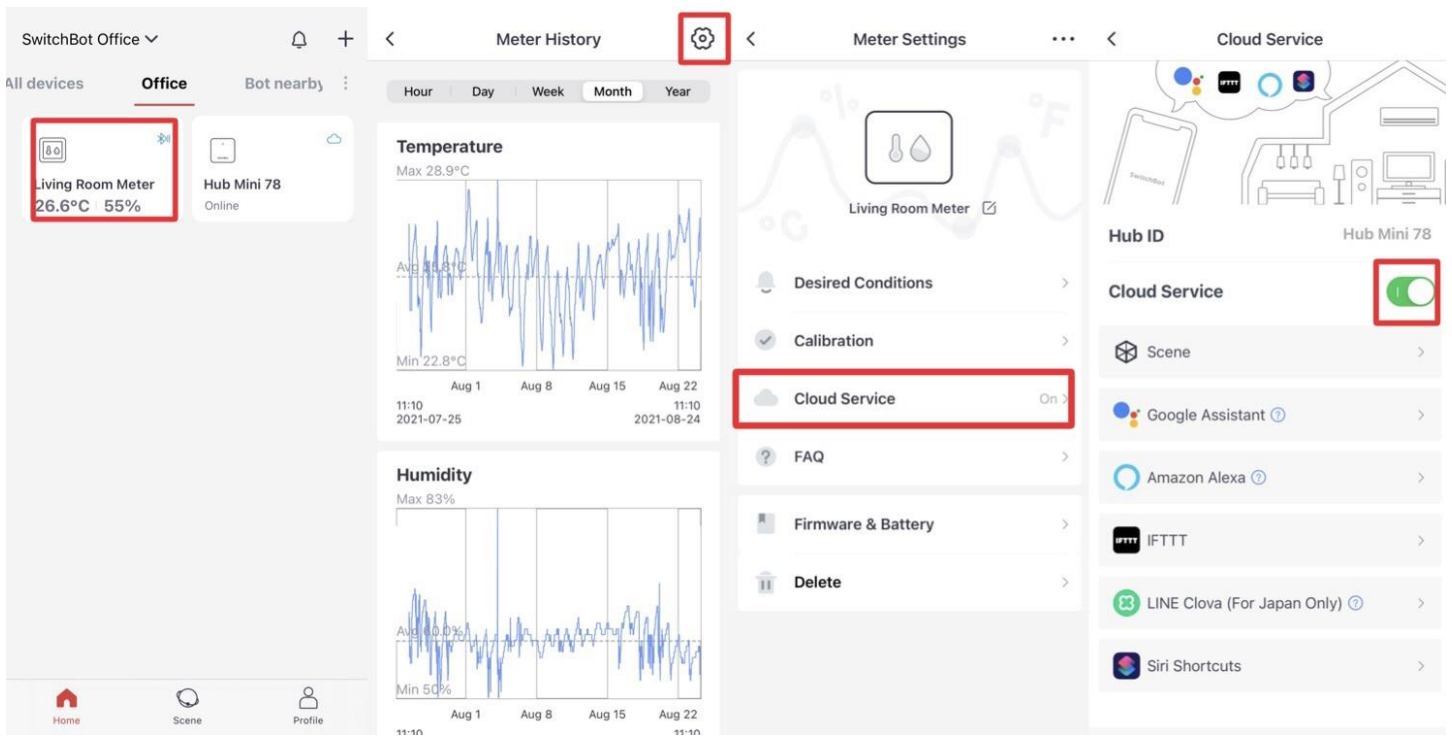
Step 2: Go to IFTTT and set up an applet.

- Open the IFTTT app and tap "Create".
- Tap "If This" to create a triggering condition.

IFTTT

Create your own ?

You've created 0 of 3 Applets

If This Add

Then That

Create   Explore

- Manually search for "SwitchBot"

- Tap "Temperature or humidity changes"

- Set all the details and then tap Create Trigger.
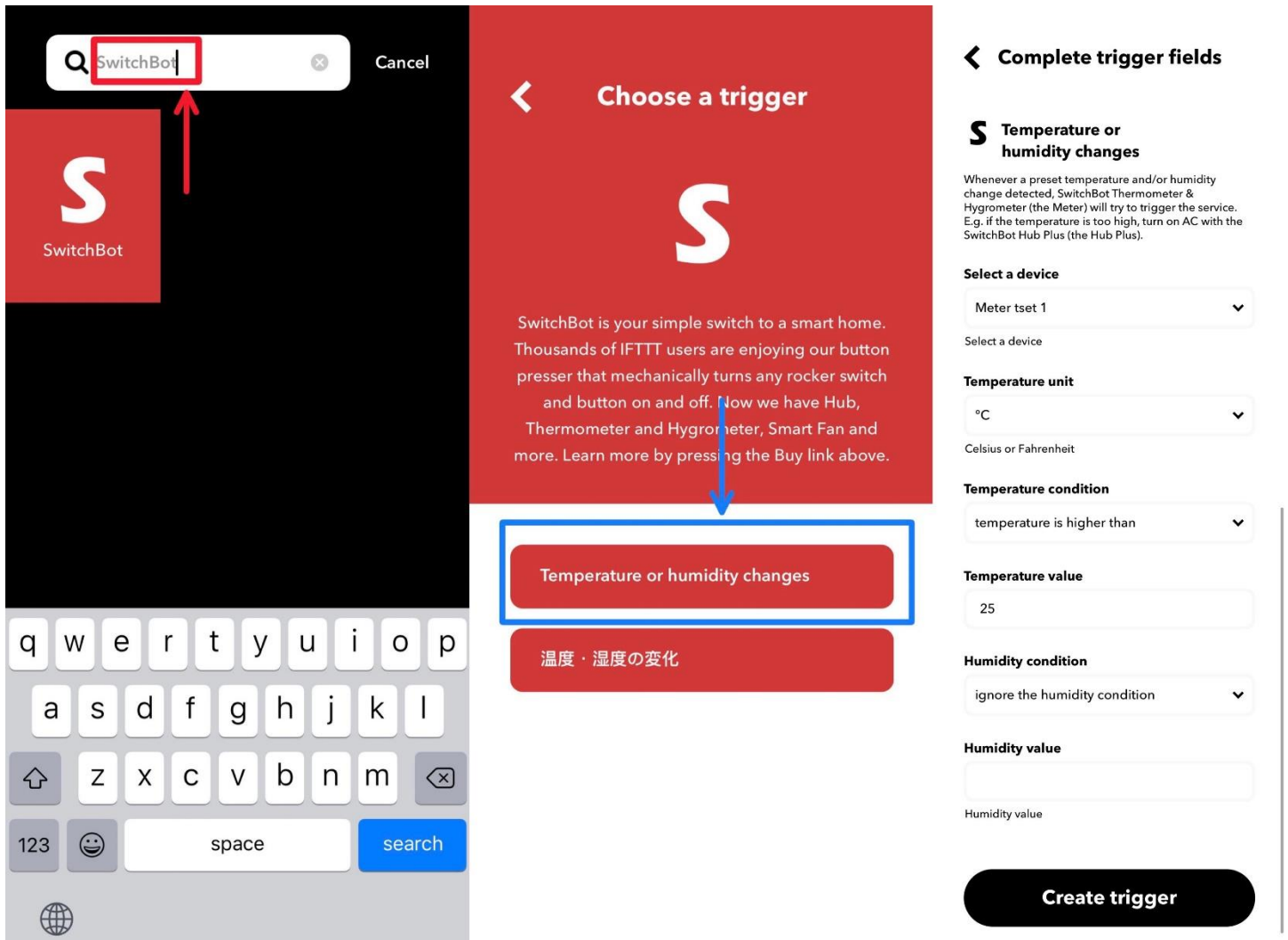
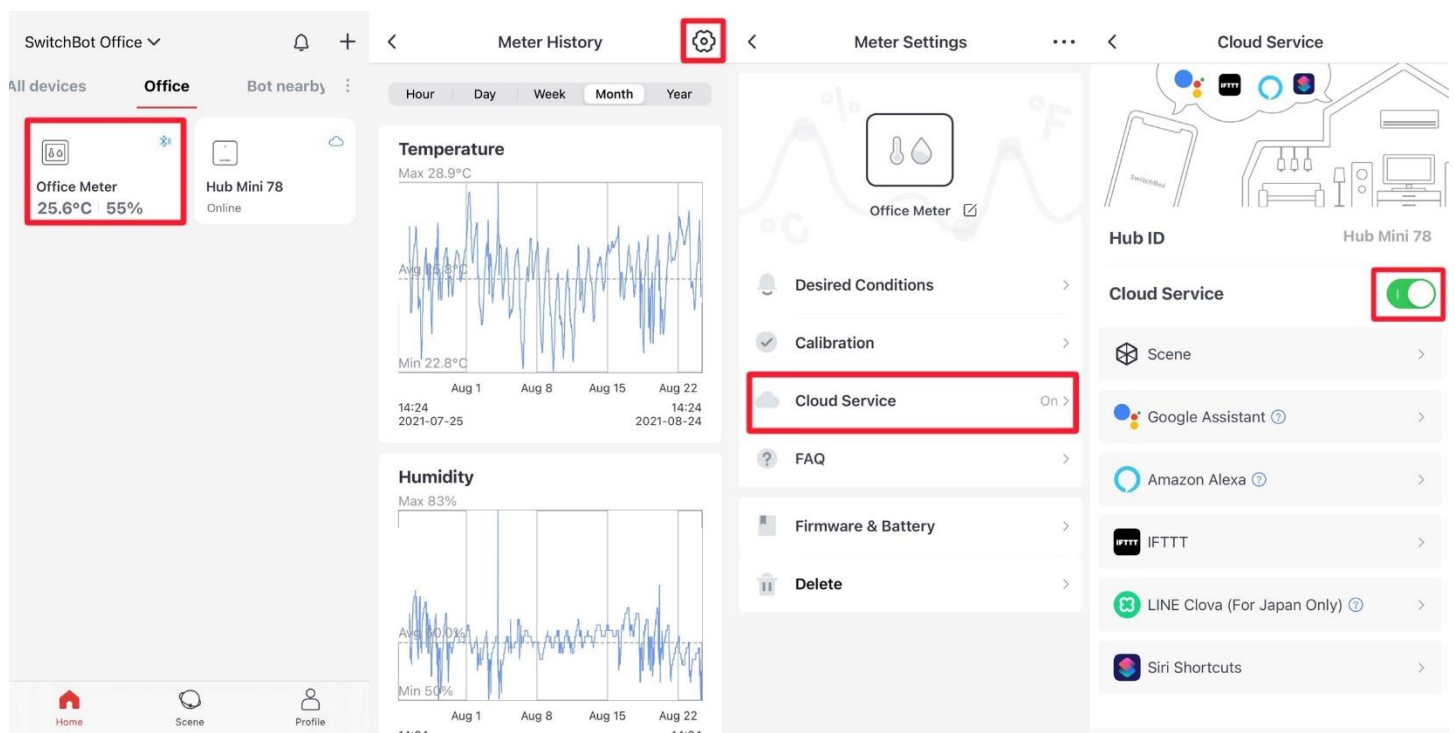- Tap "Then That" section and choose another service to be triggered by your Meter.
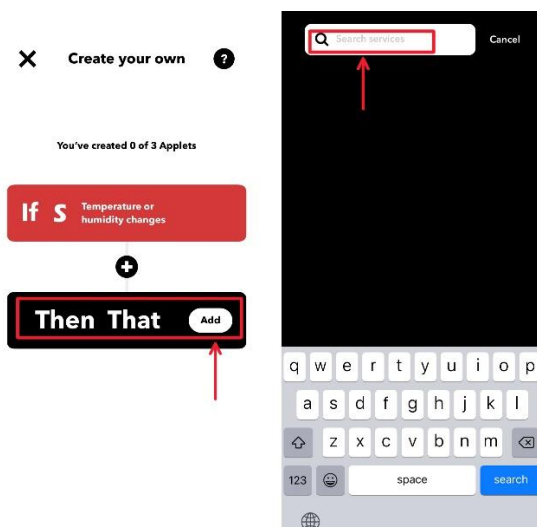
Meter & HomePod / Siri Guide

Step 1

Make sure your SwitchBot Hub is connected to the Internet.

Assign a readable name for your Meter, like "Office Meter" (optional).

Then enable the Meter's cloud service.

Step 2

Make sure that you have downloaded "Shortcuts" from App Store.

Shortcuts
Apple

OPEN

AGE	CATEGORY	DEVELOPER	LA
4+			
Years Old	Productivity	Apple	+

9:41

< Shortcuts   Select +

All Shortcuts

Home ETA	FaceTime Mom
2 actions	Call Mom

Email Last Image	Indie Jam
2 actions	Play Indie radio station

📁 **Starter Shortcuts** +

Music Quiz	Block Off an Hour
46 actions	7 actions

Make GIF	Directions to Event
12 actions	10 actions

9:41

Automation

Have your devices react
conditions.

Personal

🛏 → 🏠 📻 🎙

When Waking Up
Set Bedroom Lights, Set Playl
and Play Podcast

🏠 → 🌙

When I arrive at Work
Toggle Do Not Disturb
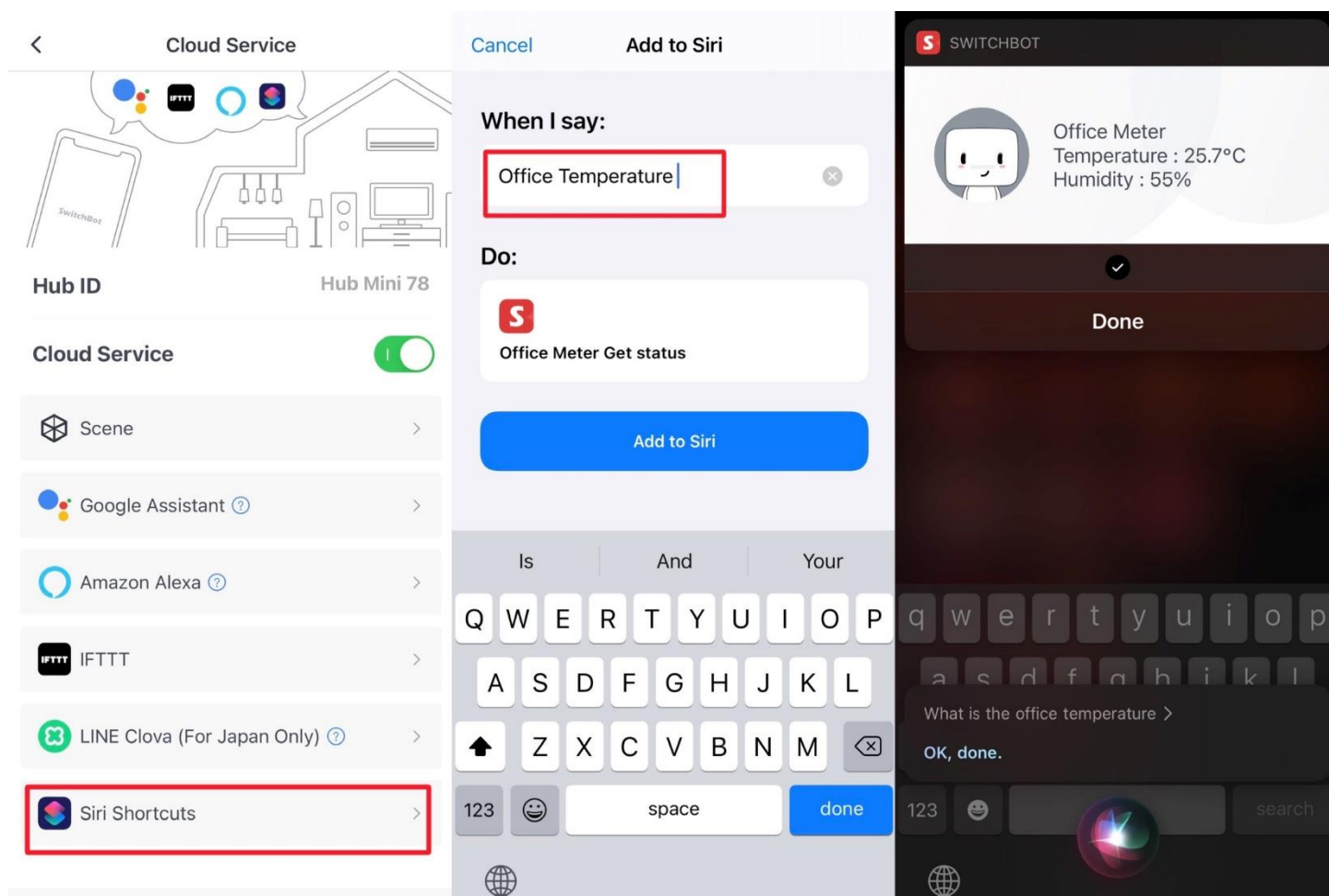
Today	Games	Apps	Search

Step 3

Go to the settings page of the SwitchBot Meter.

Tap "Siri Shortcuts" and give a name to the one that you are about to creat.

When the Siri Shortcuts is added to Siri, you can ask "Hey Siri, what is the office temperature?" Siri will show you the condition of the Meter currently.
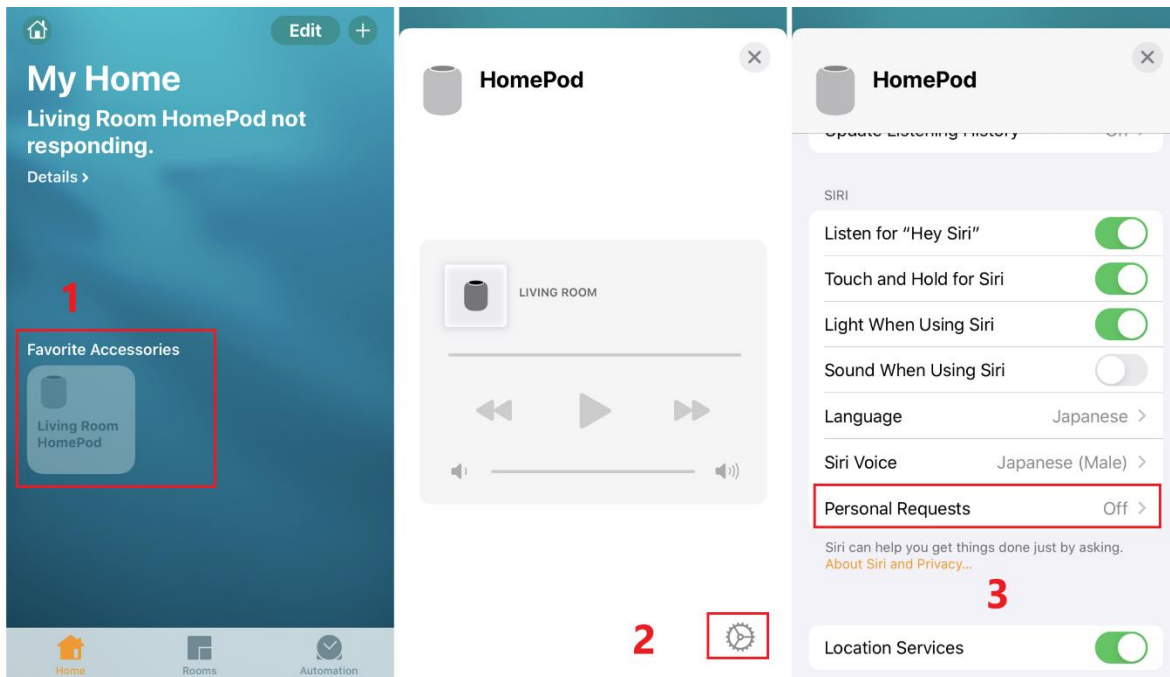

Step 4

If you have an Apple HomePod you could use it to access your SwitchBots.

Long press the HomePod in the Home app.

Then tap the gear icon to turn on the personal requests option.

Now, you are free to ask your HomePod or iOS devices to check your room's temperature and humidity.
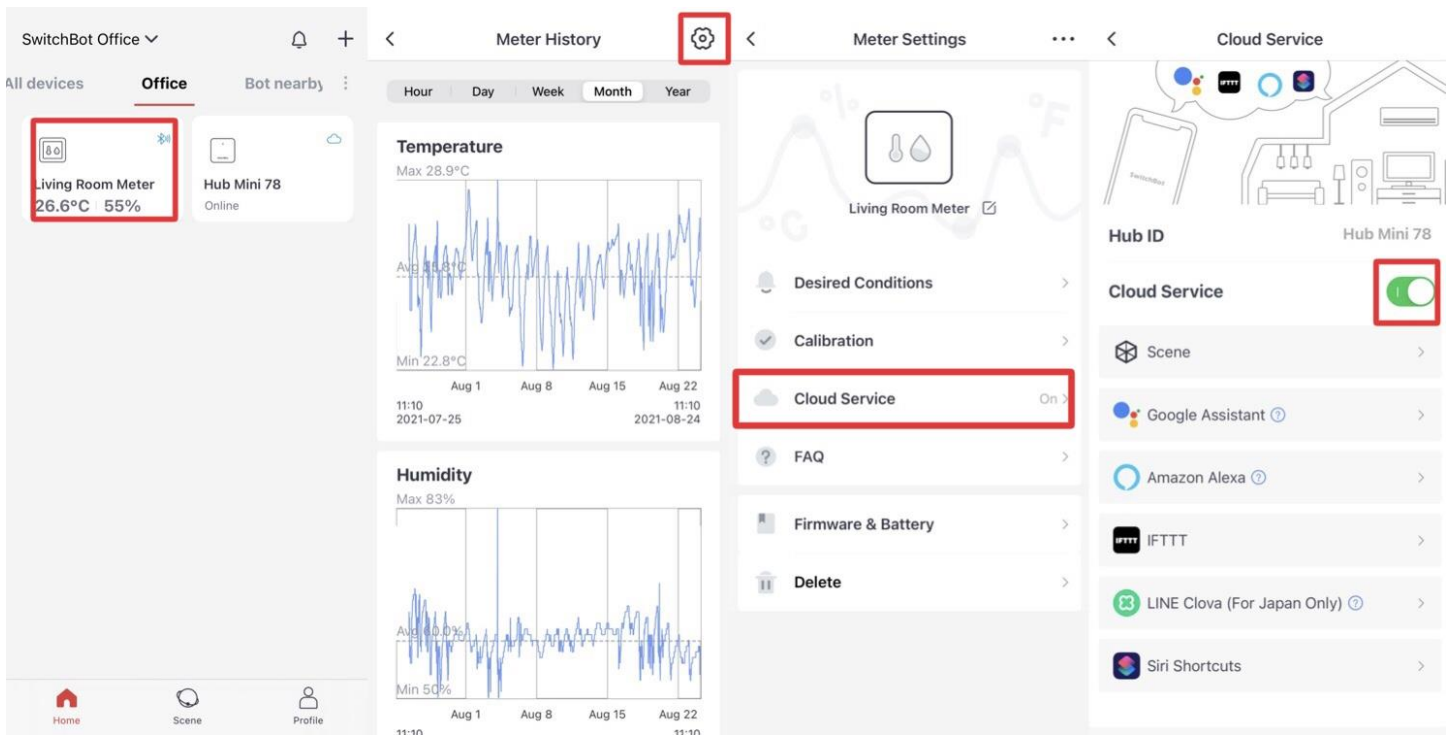
Meter & Google Home Guide

Step 1

Make sure your SwitchBot Hub is connected to the Internet.

Assign a readable name for your Meter, like "Living Room Meter" (optional).
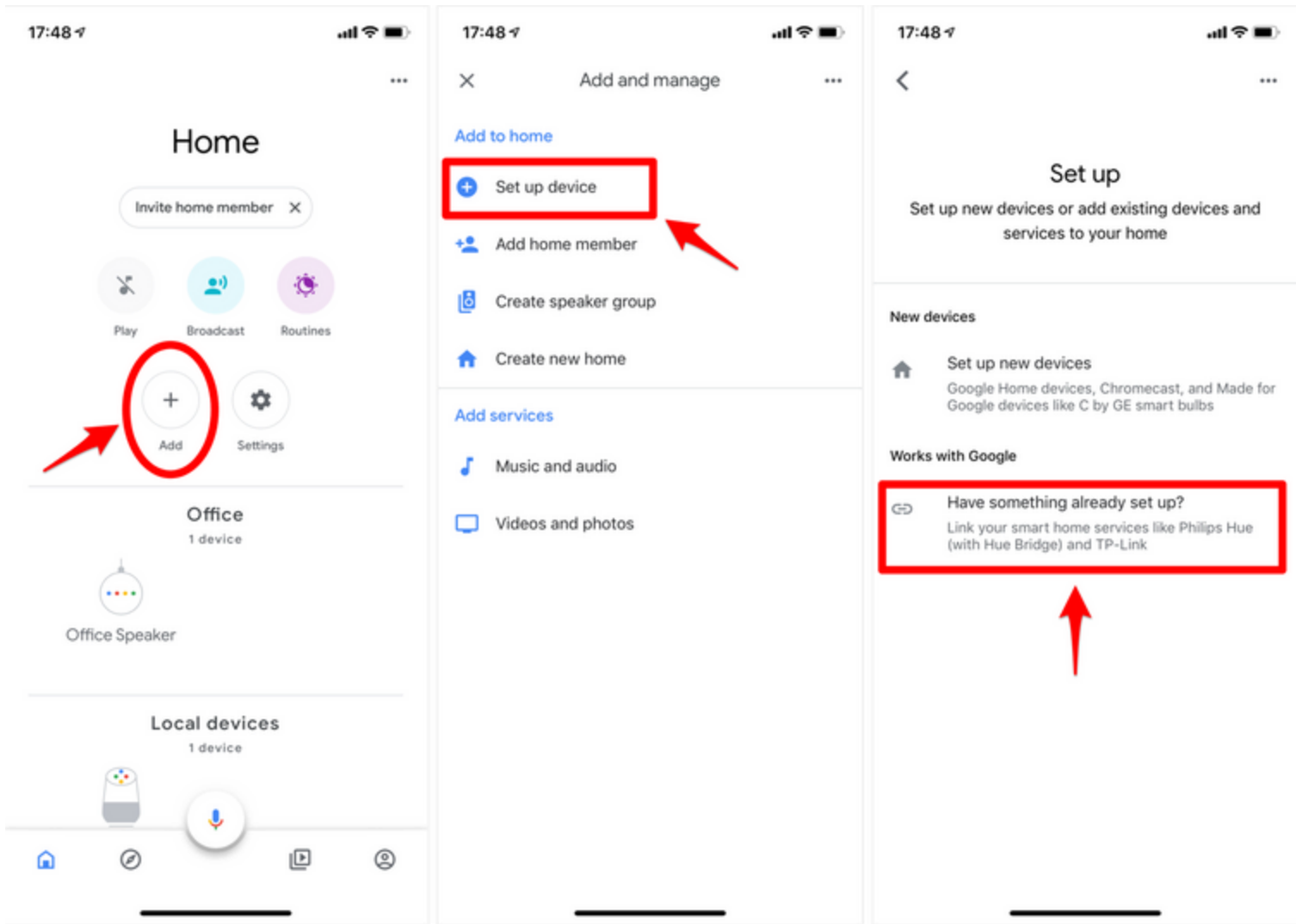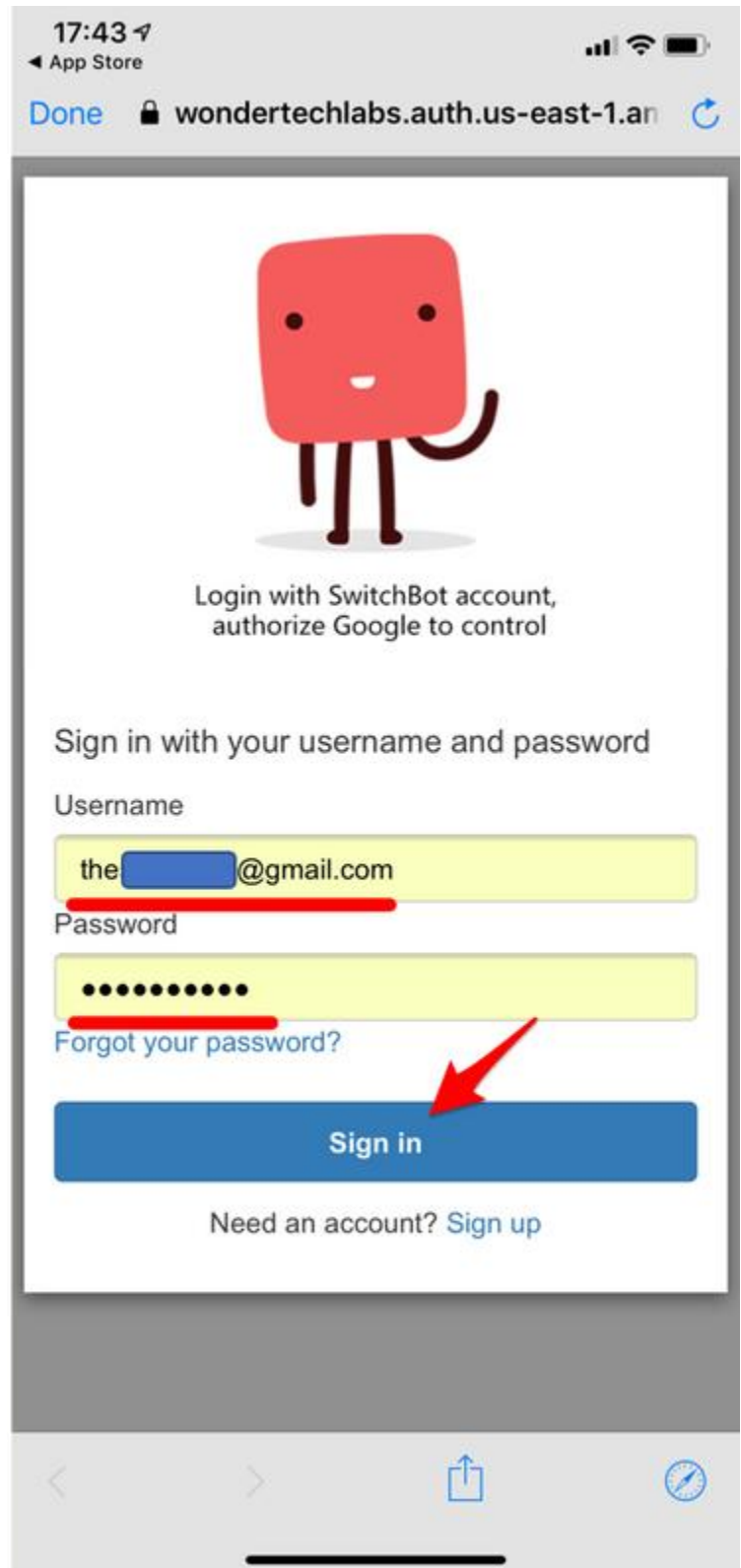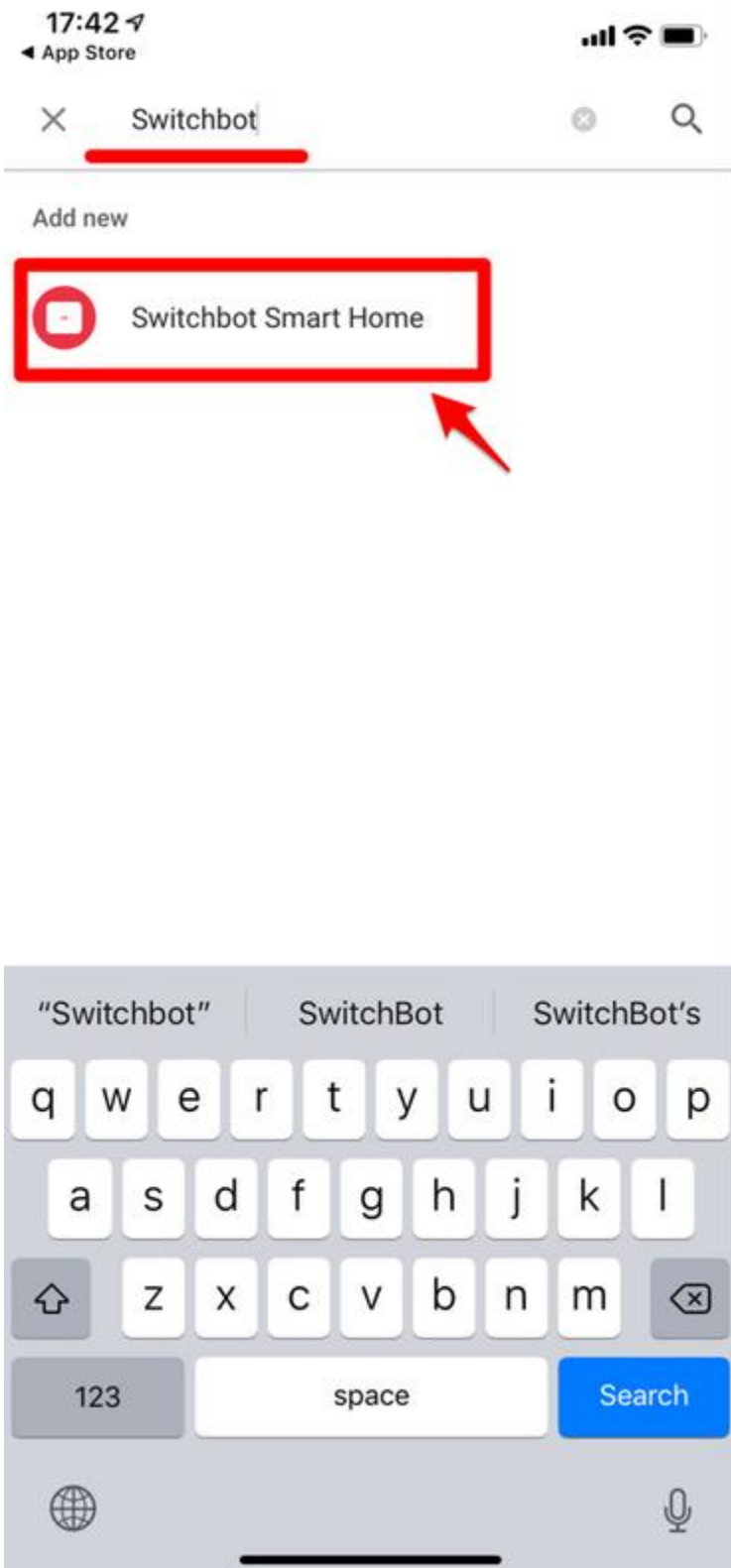
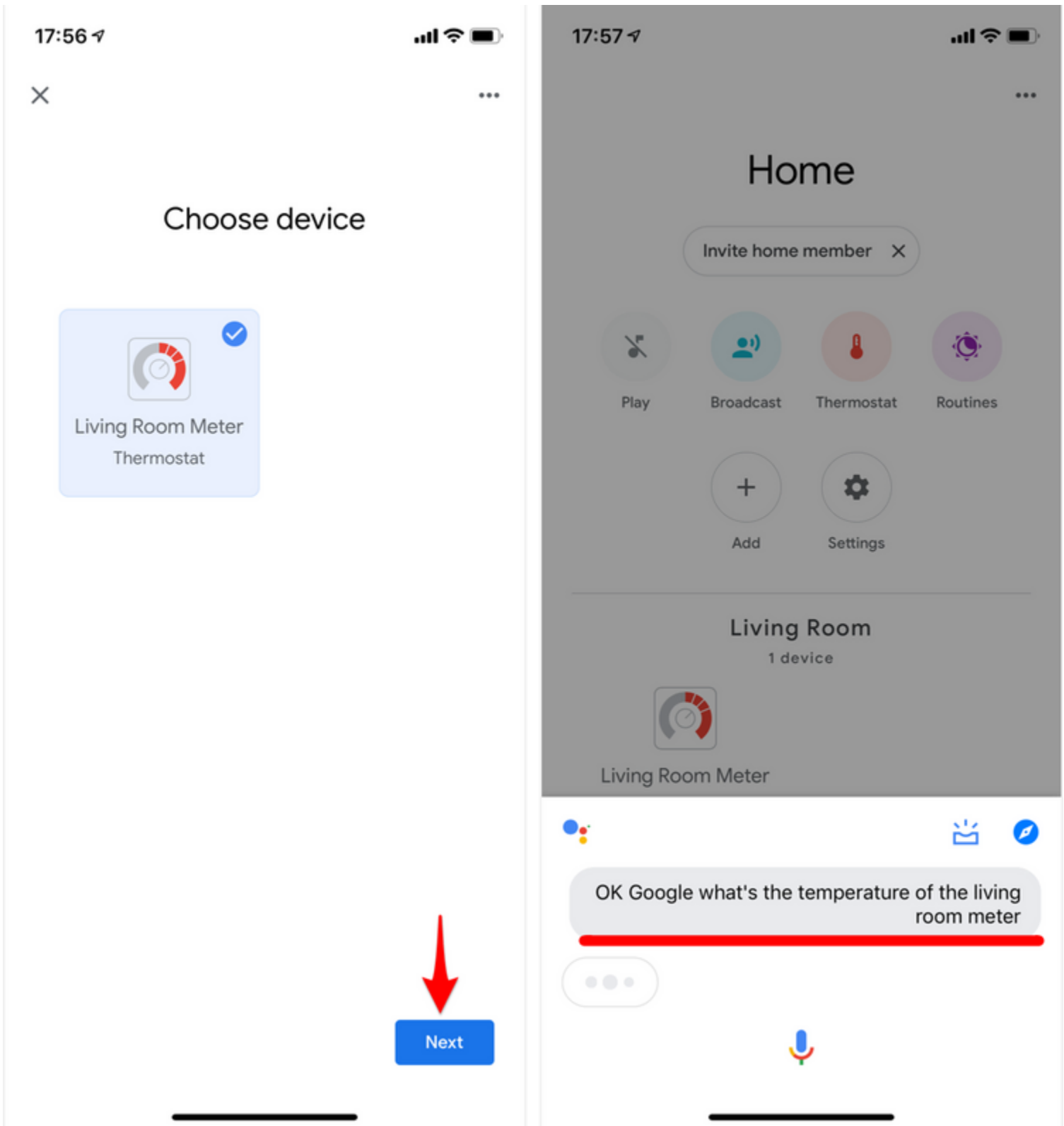Then enable the Meter's cloud service.

■ Step 2

Open your "Google Home" App.

Search "SwitchBot Smart Home" service and sign in your SwitchBot account.

■ Step 3

Now you can ask Google Assistant to tell the temperature.

"OK Google, what's the temperature of the Living Room Meter"

* Note:

Please ask your Google Home to update the device list after adding a new device.

You can say: "OK Google, sync my devices."

Meter & Alexa Guide

Before linking your Amazon Alexa account in SwitchBot app, please check your SwitchBot app version is:
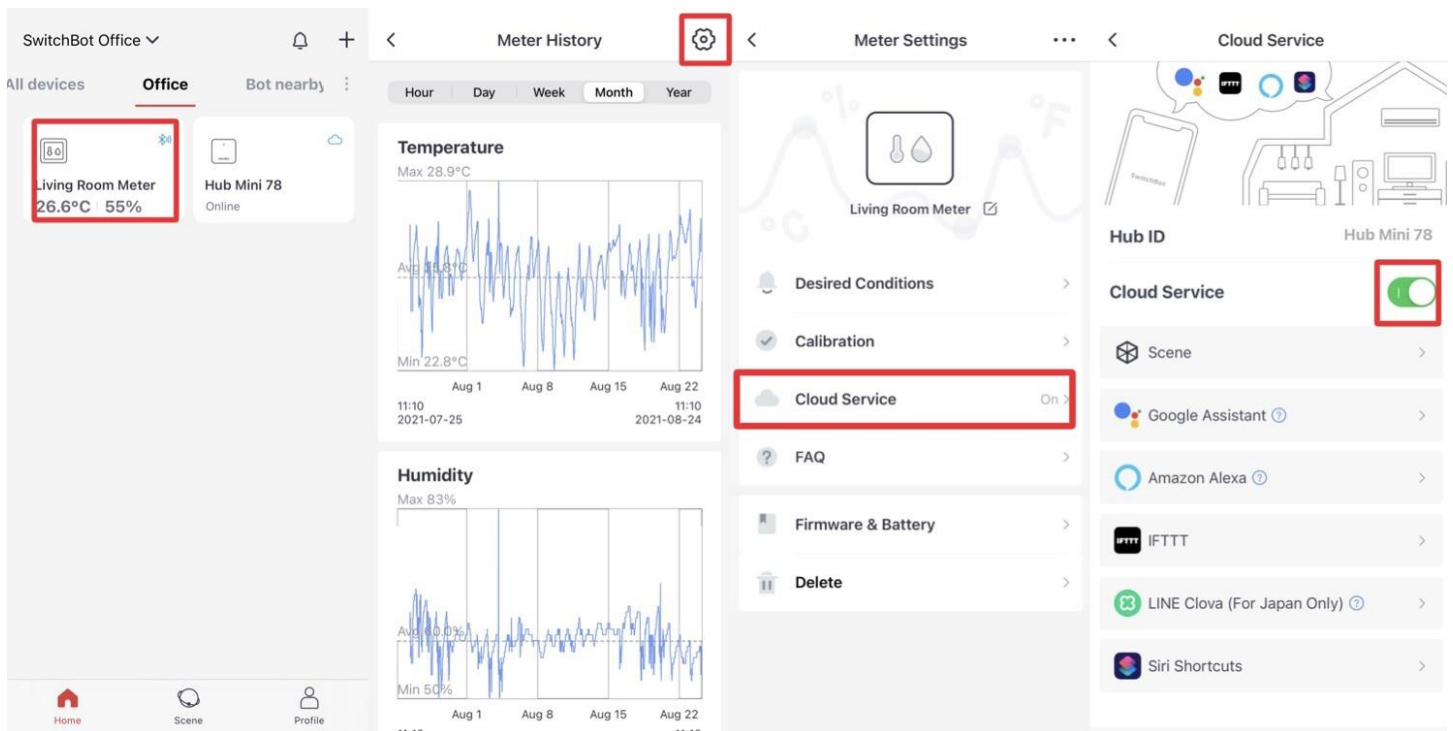
- iOS4.4.3 or later
- Android5.4.1.24 or later

■ Step 1

Make sure your SwitchBot Hub is connected to the Internet.

Assign a readable name for your Meter, like "Living Room Meter" (optional).

Then enable the Meter's cloud service.

■ Step 2

1. First of all, login your Amazon Alexa account in the Alexa app.
2. Open SwitchBot app, choose Meter that had already turn on the cloud service.
3. Tap Cloud Service and then tap Amazon Alexa.

4. Follow the instructions to login to your Amazon Alexa account.

5. Enjoy controlling your SwitchBot devices with Alexa.
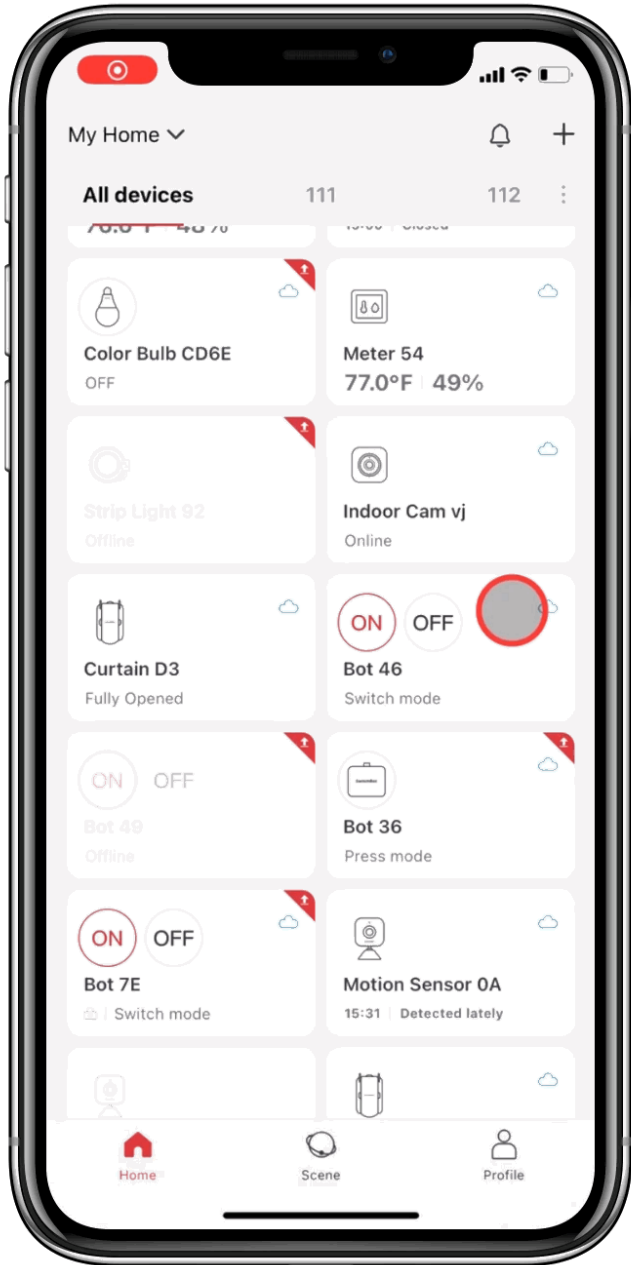
* Note:

Devices need Hub to turn the cloud service on: Bot, Curtain, Meter, Contact Sensor, Mtion Sensor.

Devices don't need Hub to turn the cloud service on: Plug, Indoor Cam, Humidifier, Color Bulb.

* Note:

Please ask your Alexa to update the device list after adding a new device.

You can say: "Alexa, discover devices."