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# Get Local Keys for Your Devices

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Long Zheng edited this page on Nov 27, 2022 · [12 revisions](#)

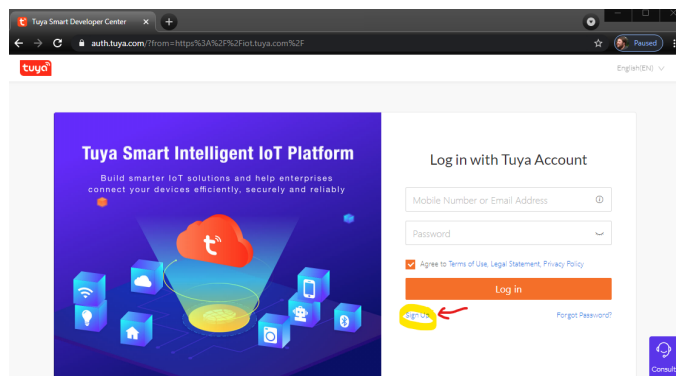
To get the local keys for your devices, you'll need an account on Tuya's IoT site. Don't be overwhelmed, there's a lot on that site but it's pretty easy to get what you need out of it. The free trial will give you enough access to the Tuya API to get the information you need, on up to 50 devices.

## 1 - Tuya Smart App

As a prerequisite, add all of your devices to the Tuya Smart app ([iOS](#) / [Android](#))

## 2 - Sign up for an IoT account

Go to <https://iot.tuya.com> and click Sign Up



- Fill in your information

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- Make up a company name if you need to

+ Add a custom sidebar

Clone this wiki locally

<https://github.com/iRayanKhan/homebridge-tuya/wiki>



Fill in Account Information

email certification

Please fill in Account Information

myfake@email.com

\*\*\*\*\*

\*\*\*\*\*

BenTuyaLanTest

United States of America

☒ Agree to Terms of Use, Legal Statement, Privacy Policy

Agree

Already have an account? Sign in

- Check Agree to Terms
- Click Agree
- You'll be emailed a code, enter it

## 3 - Sign in at [iot.tuya.com](https://iot.tuya.com)

## 4 - Create a cloud project

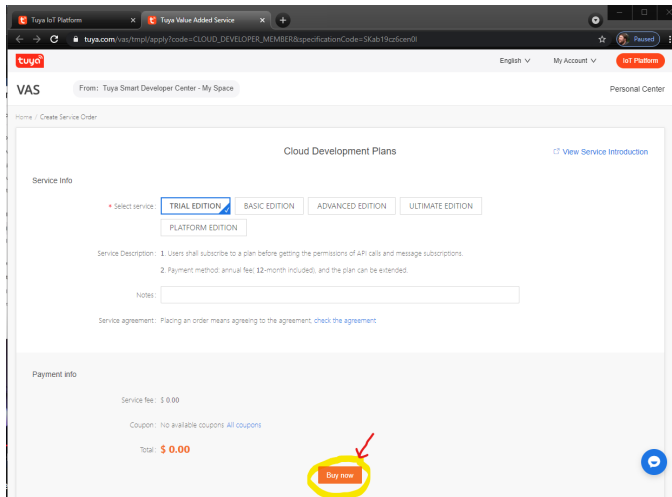
- Click through the intro
- On the sidebar click cloud, then projects
- Click Free Trial under TRIAL EDITION

Subscribe to Cloud Development

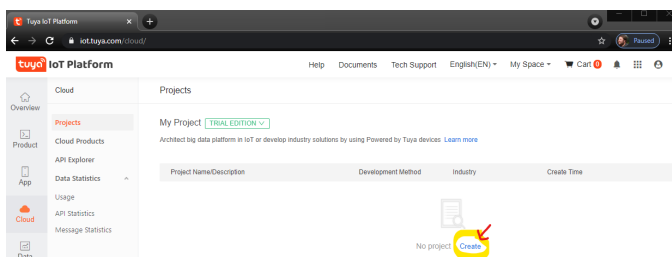
You start subscribe to a plan before getting access to basic API calls and message services in the Tuya Cloud. [View Benefits](#)

Editions	TRIAL EDITION	BASIC EDITION	ADVANCED EDITION	ULTIMATE EDITION	PLAT
Projects	1	5	10	50	
Devices	50	100,000	500,000	1,000,000	
Monthly Quota	\$1	\$300	\$750	\$1,500	
Pay-As-You-Go Plan					
API Calls	\$2.21 (Mainland China)	\$2.10 (Mainland China)	\$1.99 (Mainland China)	\$1.88 (Mainland China)	\$1.71
Upload/Download Calls	\$3.30 (Outside mainland China)	\$3.14 (Outside mainland China)	\$2.97 (Outside mainland China)	\$2.81 (Outside mainland China)	\$2.64 (Ch)
Message Service	\$0.50 (Mainland China)	\$0.49 (Mainland China)	\$0.47 (Mainland China)	\$0.44 (Mainland China)	\$0.40
Upload/Download Service	\$1.30 (Outside mainland China)	\$1.24 (Outside mainland China)	\$1.17 (Outside mainland China)	\$1.11 (Outside mainland China)	\$1.04 (Ch)

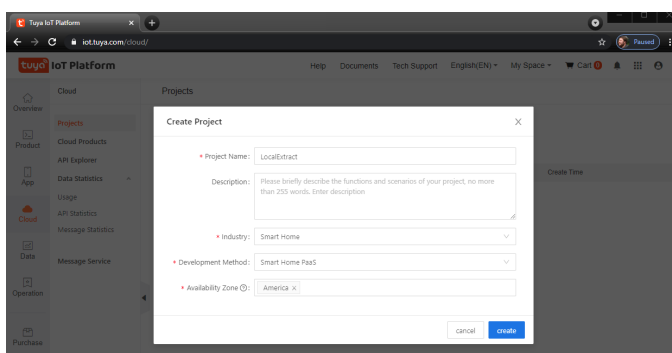
- Click Buy now in the new tab



- Close the Tuya Value Added Service tab/popup
- In the Tuya IoT Platform tab, click Subscribed to be taken back to Cloud -> Projects
- Click create

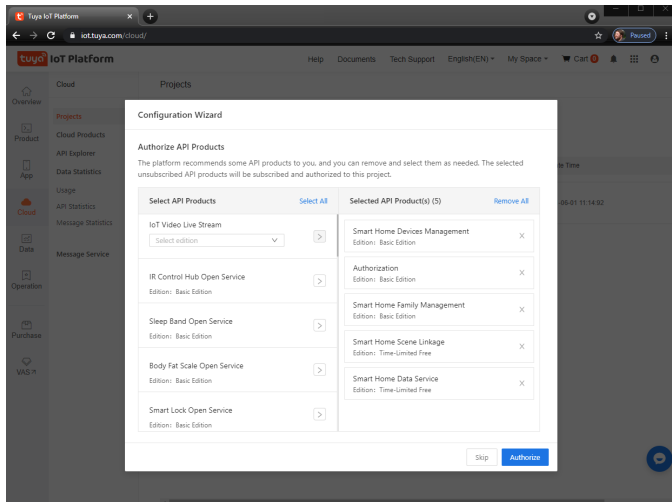


- Make sure you pick smart home PAAS and the correct region, this affects whether you will be able to access your devices in the following steps. Click create



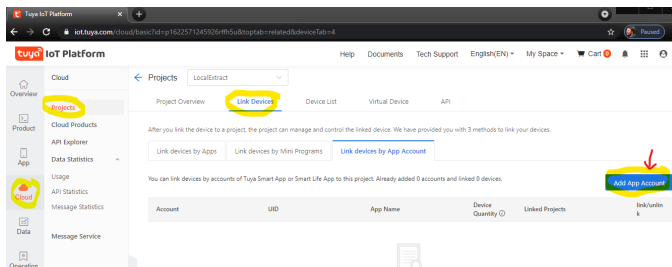
- Click Authorize for the recommended

## APIs

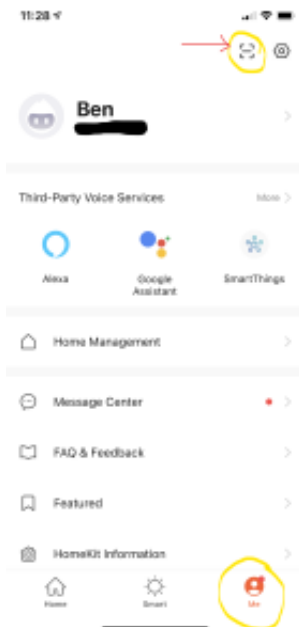


## 5 - Link devices registered in Tuya app to the IoT site

- From your project, click the link devices tab, then Link devices by App Account, then Add App Account



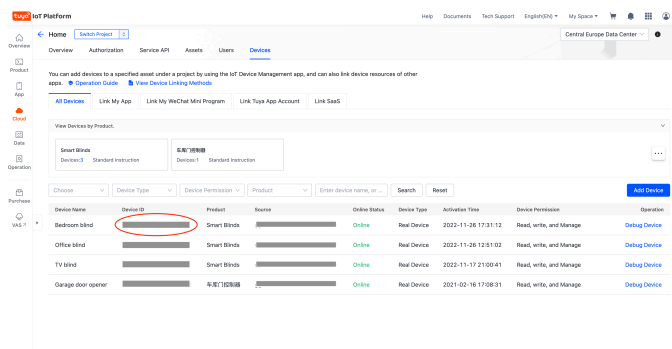
- In the Tuya Smart app, click me at the bottom, then the scan button, then scan your QR code



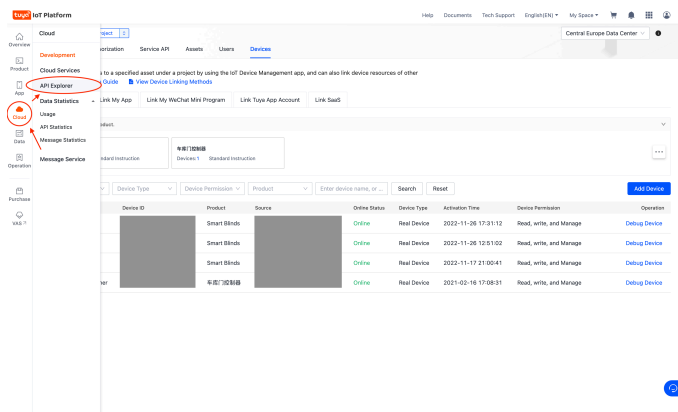
- Confirm the sign in

## 6 - Get the keys for your devices

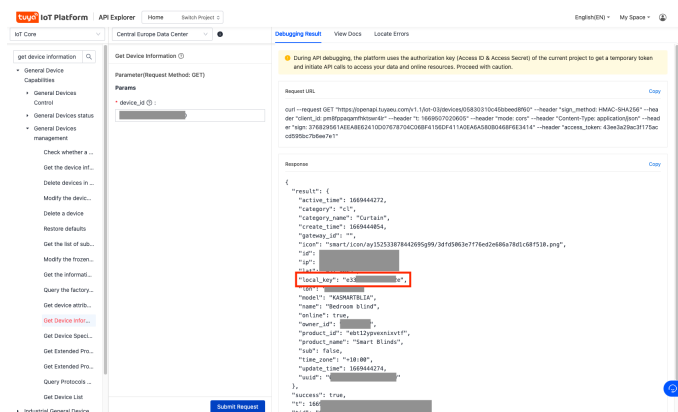
- Go to the device list tab
- Copy the device ID for your device



- In the sidebar, hover over "Cloud" and click on "API Explorer"



- In the sidebar, search for "get device information" endpoint and click on the highlighted option. (It should be under "General Devices management" section. Note: there is also another endpoint called "Get *the* device information" which will not work.)
- In the "device\_id" text field, paste in the device ID you copied and click "Submit Request"
- In the "Response" section, there should be a property called `local_key` which is your local key.



## 7 - Video Tutorial

- [YouTube](#)

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