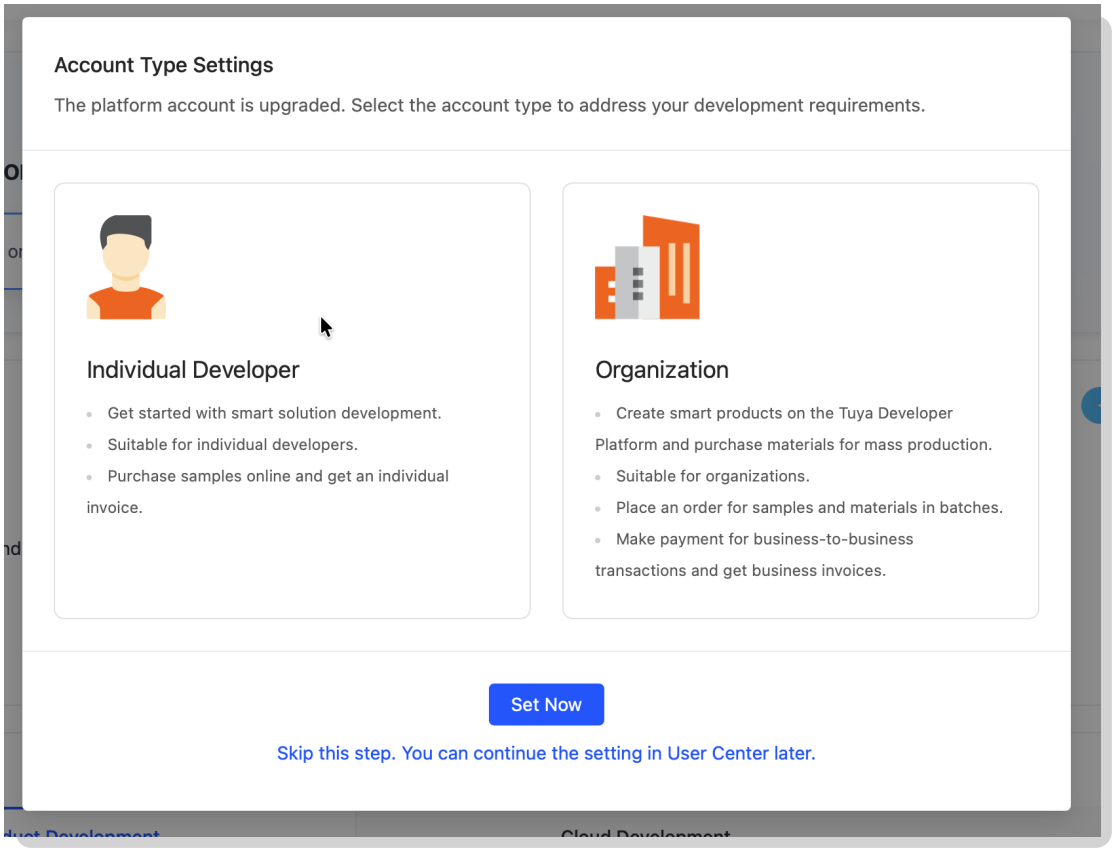
Guide: Control Tuya devices locally with Homey

This guide explains step by step how Homey users can retrieve the **Device ID** and **local key** for their Tuya devices using the Tuya IoT Platform. These details are required to enable local control with compatible Homey apps.

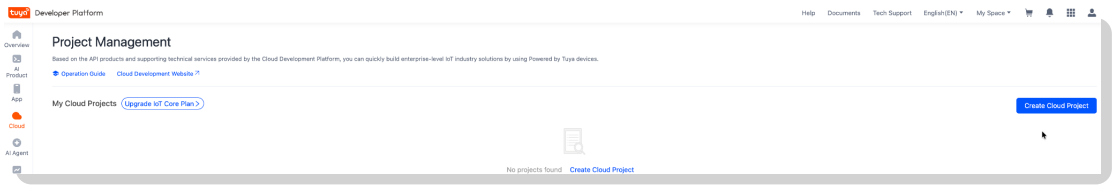
Step 1 – Set account type

After registering on the Tuya IoT Platform, you can select an account type. For Homey users, ‘Individual Developer’ is sufficient. You can skip this step and set it later in User Center.



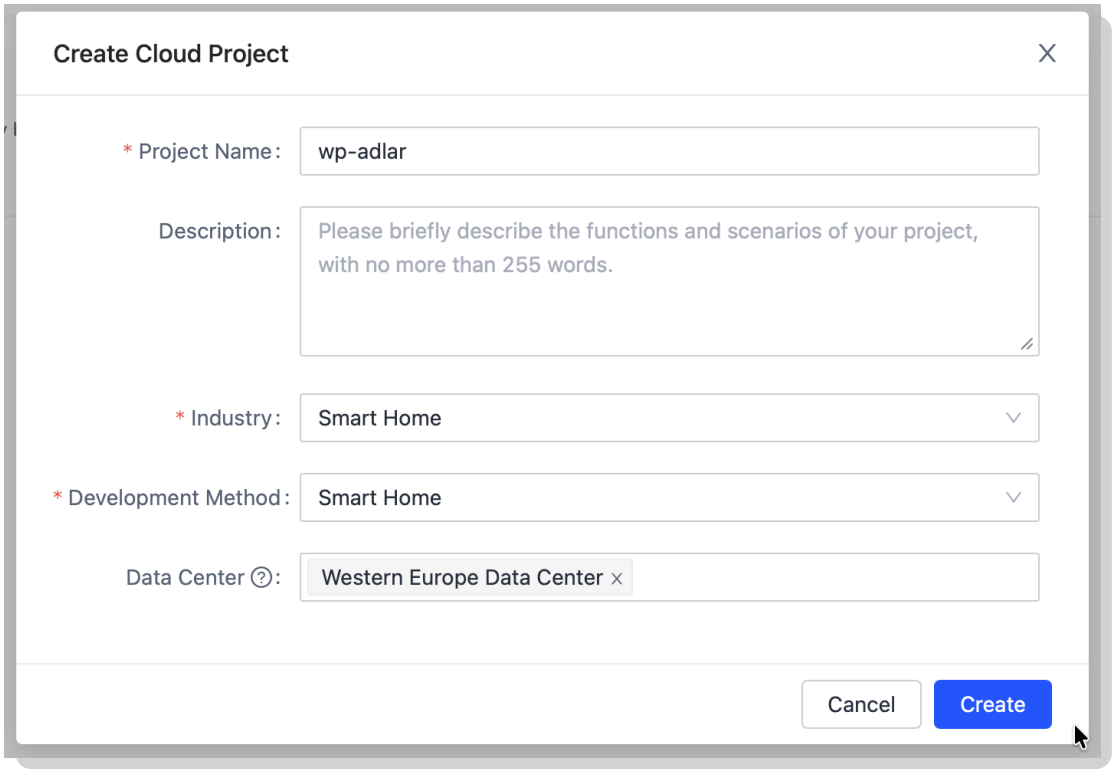
Step 2 – Project Management

Navigate in the left menu to ‘Cloud’ → ‘Projects’. Here you can create a new Cloud Project. Click ‘Create Cloud Project’.



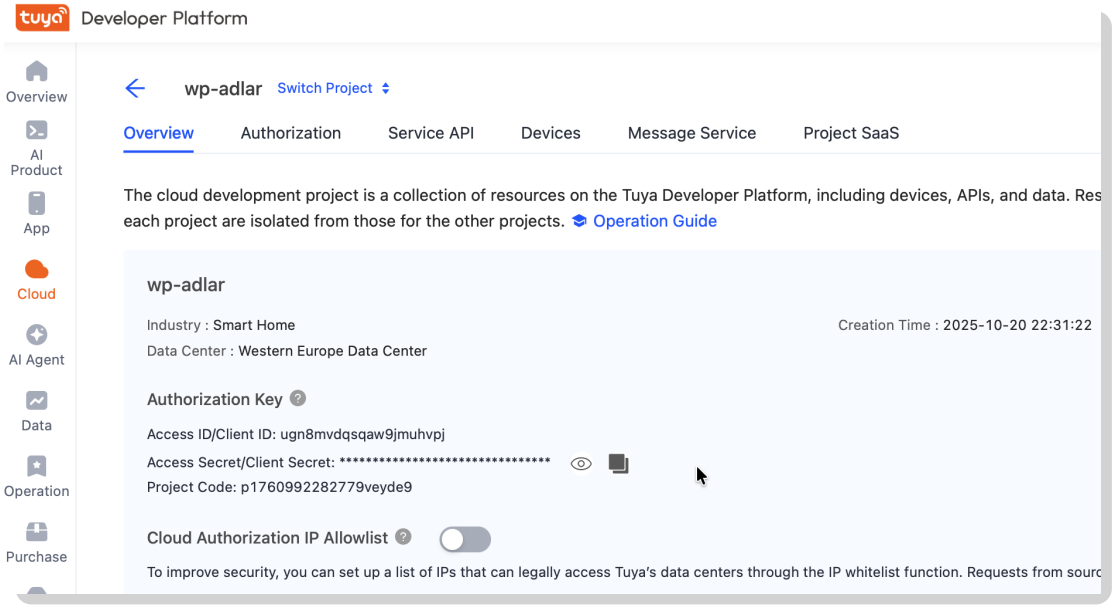
Step 3 – Create project

Enter a project name, select Industry: Smart Home, and choose ‘Smart Home PaaS’ as Development Method. For users in the Netherlands select ‘Western Europe’ or ‘Central Europe’ as data center.



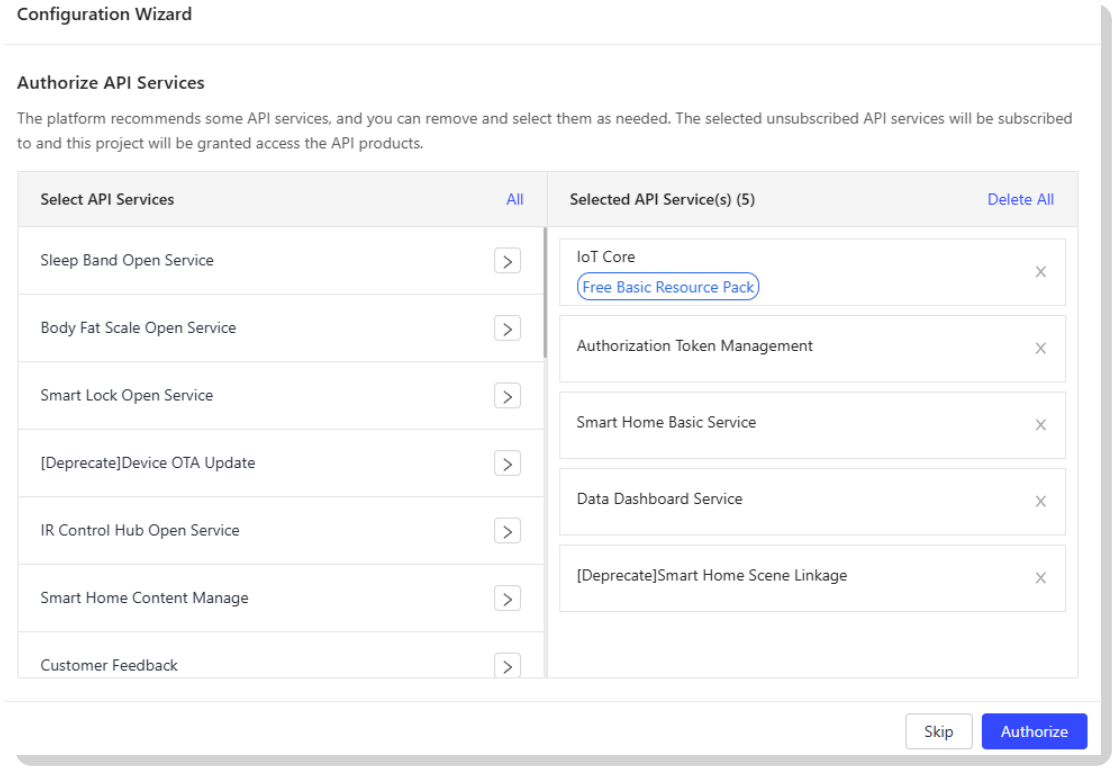
Step 4 – Project overview

After creating the project, an overview page will display your project details (Project Key, Client ID and Data Center). This confirms the project is active and ready for use.



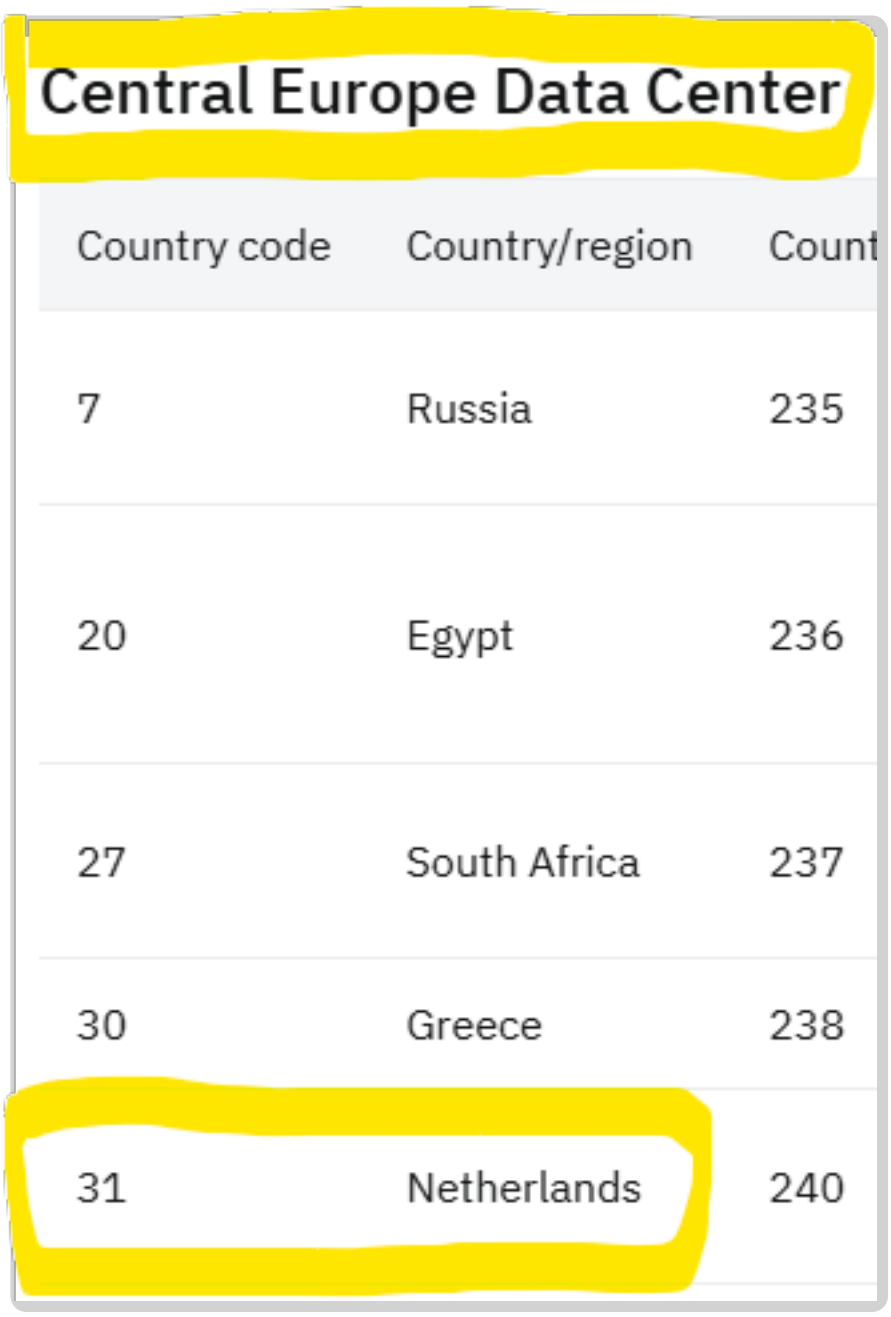
Step 5 – Authorize API Services

During configuration, you can select recommended API services, including ‘IoT Core’ and ‘Smart Home Basic Service’. Click ‘Authorize’ to proceed.



Step 6 – Check data center

Verify that the correct data center is used. For the Netherlands this is ‘Central Europe Data Center’. If you select the wrong one, your device will not appear later.



Central Europe Data Center

Country code	Country/region	Count
7	Russia	235
20	Egypt	236
27	South Africa	237
30	Greece	238
31	Netherlands	240

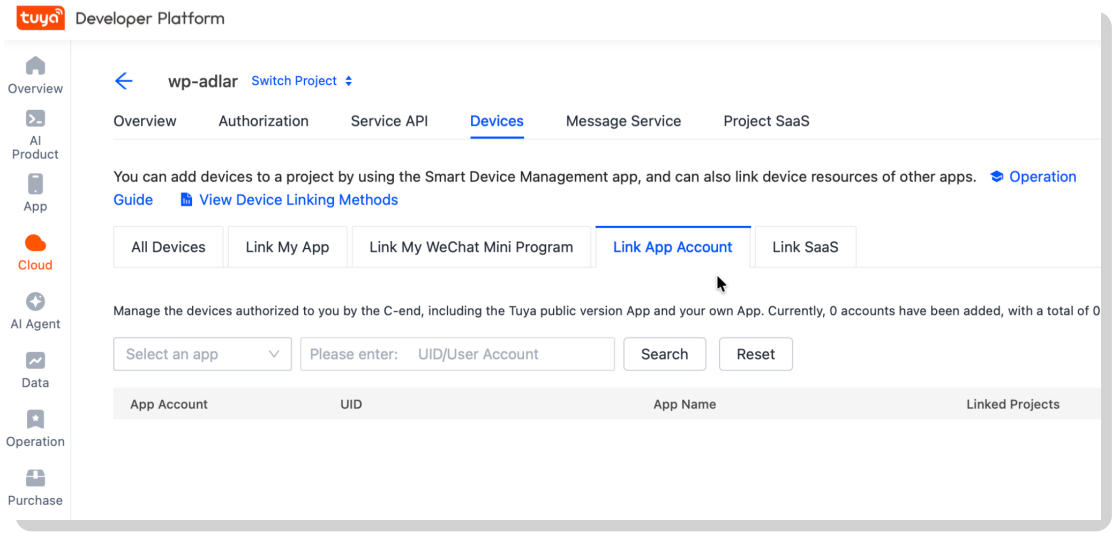
Step 7 – Link Tuya App Account and get Device ID

Go to the **Devices** tab of your project, click **Link App Account** and then **Add App Account – Tuya App Account Authorization**.

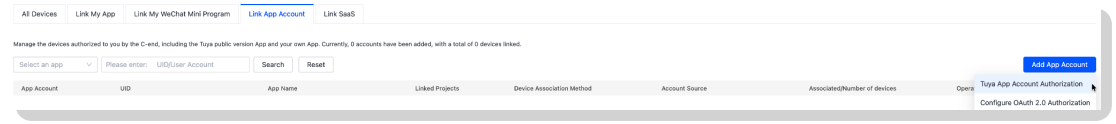
A QR code will appear. Open the Tuya or Smart Life app on your phone, go to **Profile** (bottom right), tap the **scanner icon** (top right, next to the settings icon) and scan the code.

If linking succeeds, your Tuya account appears in the list. Click **Manage Devices** under Operations to copy the **Device ID** you need for the next step.

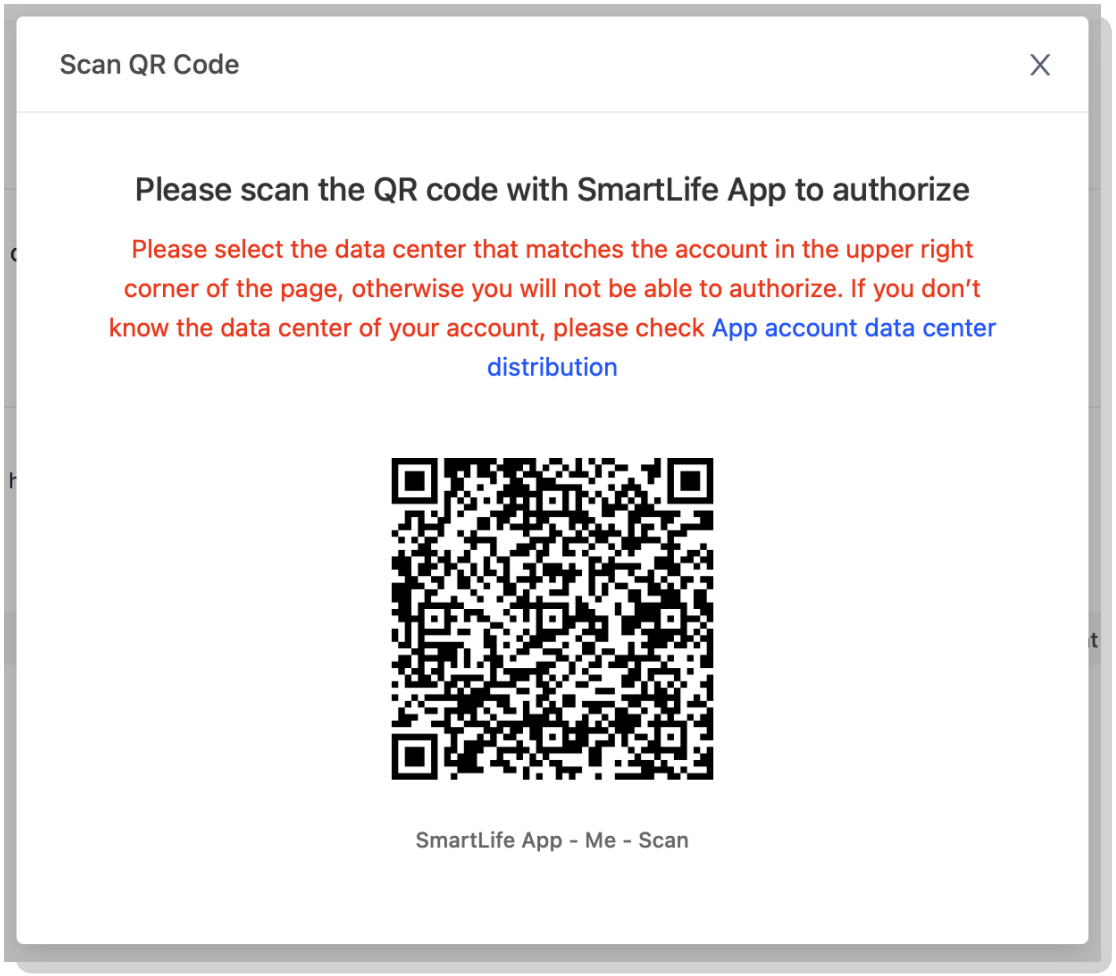
7.1 Navigate to Devices → Link App Account



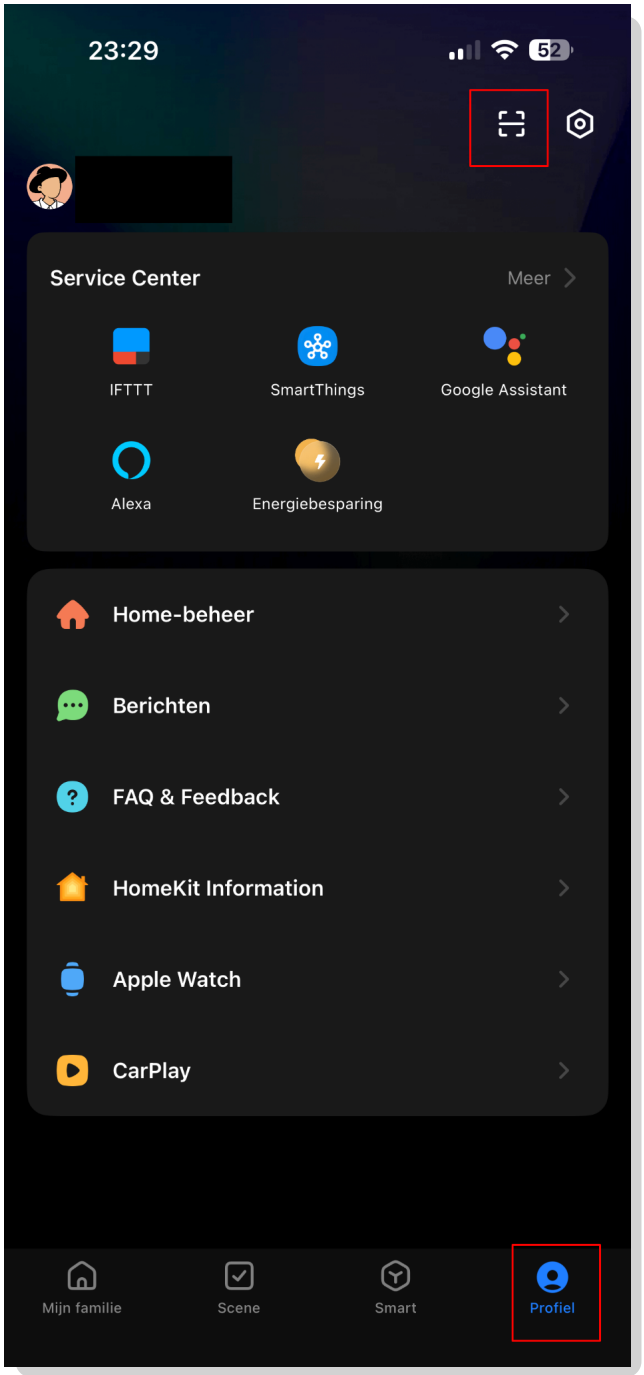
7.2 Click Add App Account and choose Tuya App Account Authorization



7.3 Scan the QR code with the Smart Life app

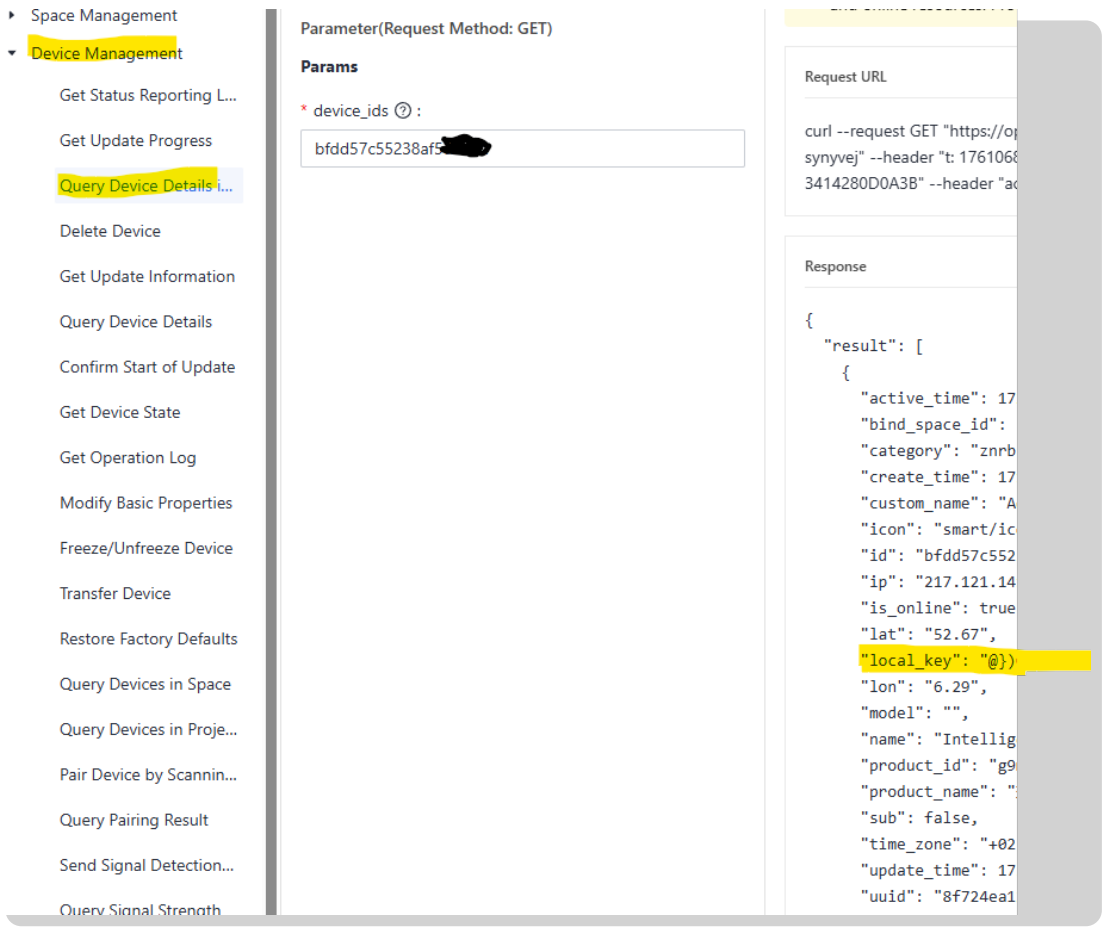


7.4 Open Profile and tap the scanner icon (top right)



Step 8 – Retrieve local key

Open ‘API Explorer’ in the left menu. Under Device Management choose ‘Query Device Details’. Enter the Device ID and click ‘Submit’. In the JSON response, locate the field ‘local_key’.


Space Management
Device Management
Get Status Reporting L...
Get Update Progress
Query Device Details i...
Delete Device
Get Update Information
Query Device Details
Confirm Start of Update
Get Device State
Get Operation Log
Modify Basic Properties
Freeze/Unfreeze Device
Transfer Device
Restore Factory Defaults
Query Devices in Space
Query Devices in Proje...
Pair Device by Scannin...
Query Pairing Result
Send Signal Detection...
Query Signal Strength
Parameter(Request Method: GET)
Params
* device_ids :
bfdd57c55238af5
Request URL
curl --request GET "https://o
synyvej" --header "t: 176106
3414280D0A3B" --header "a
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Common issues and tips

• Always select the correct data center matching your Tuya account.
• Use the correct API call: ‘Query Device Details’ under Device Management.
• If the local_key does not appear, check if the device type supports it.
• If authorization expires or fails, creating a new project may help.
• Resetting the device can generate a new local_key — repeat these steps.