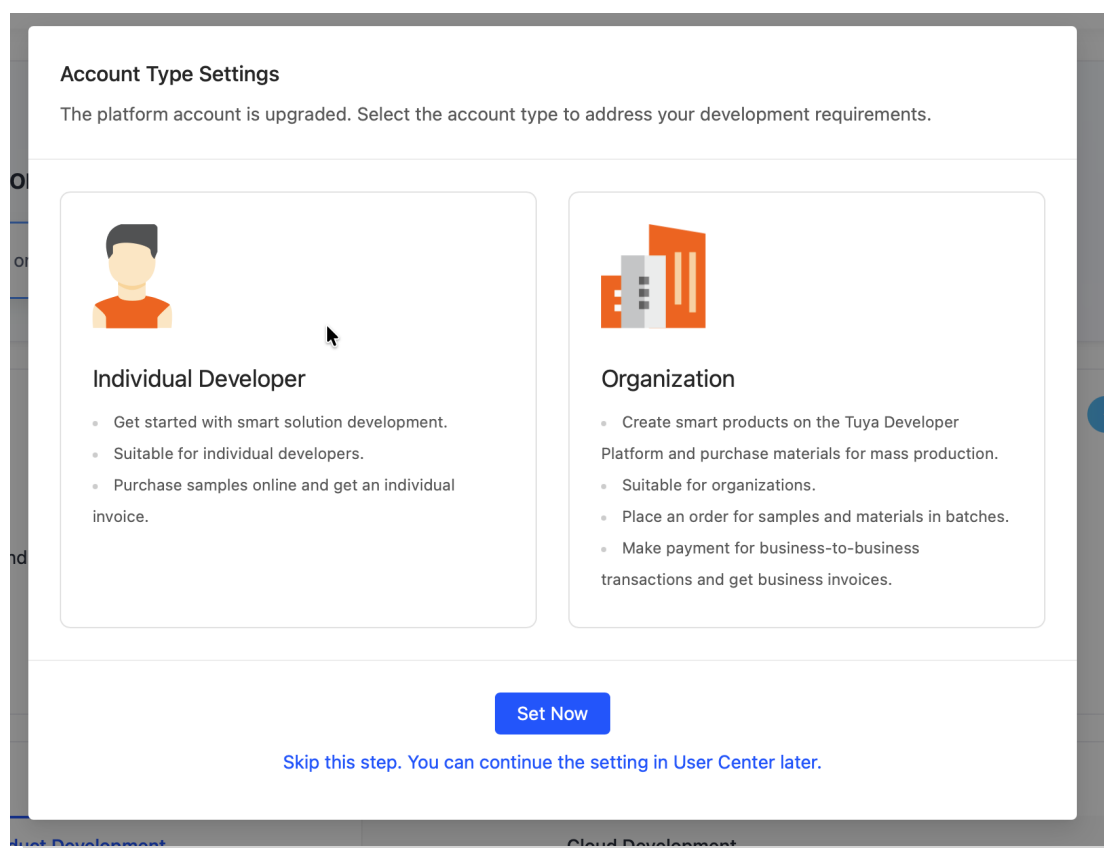


# Guide: Control Tuya devices locally with Homey

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.

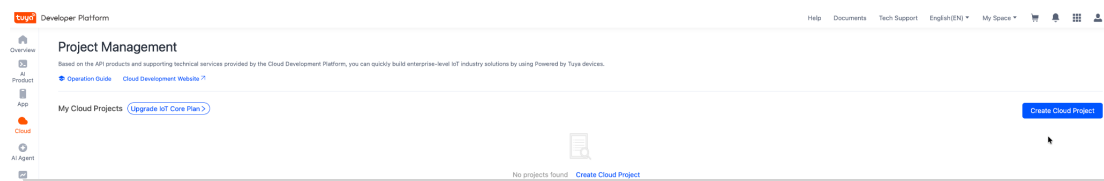
## Step 1 – Set account type

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.



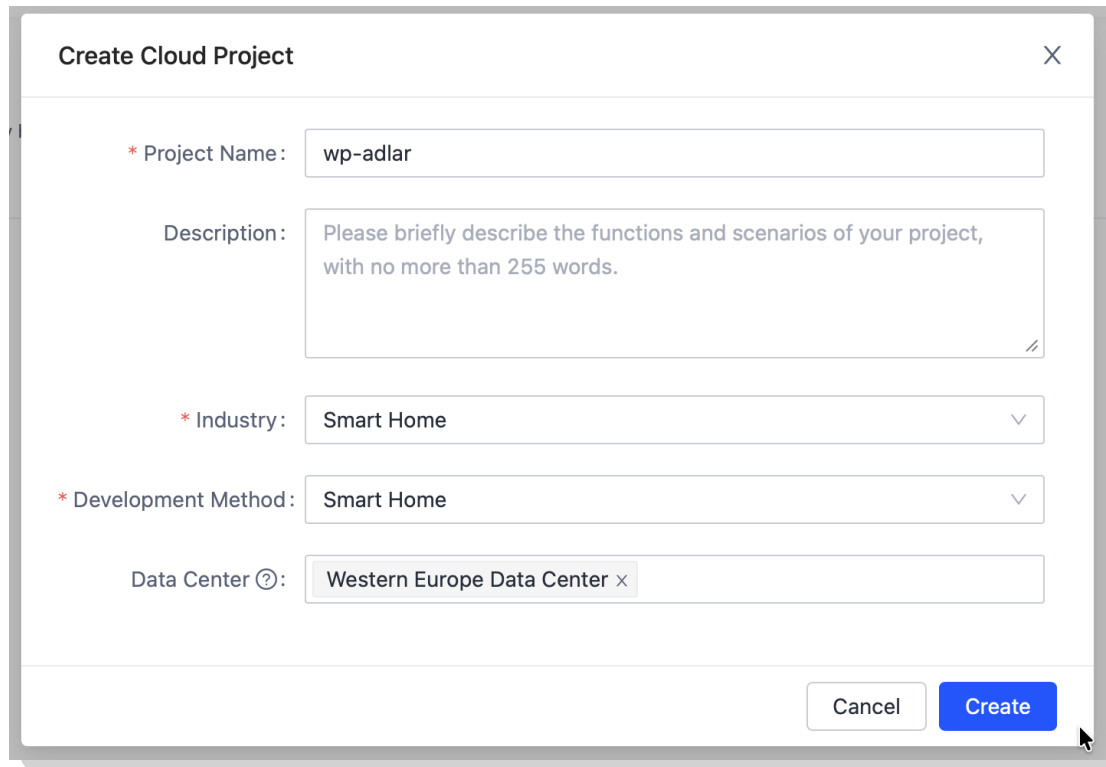
## Step 2 – Project Management

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.



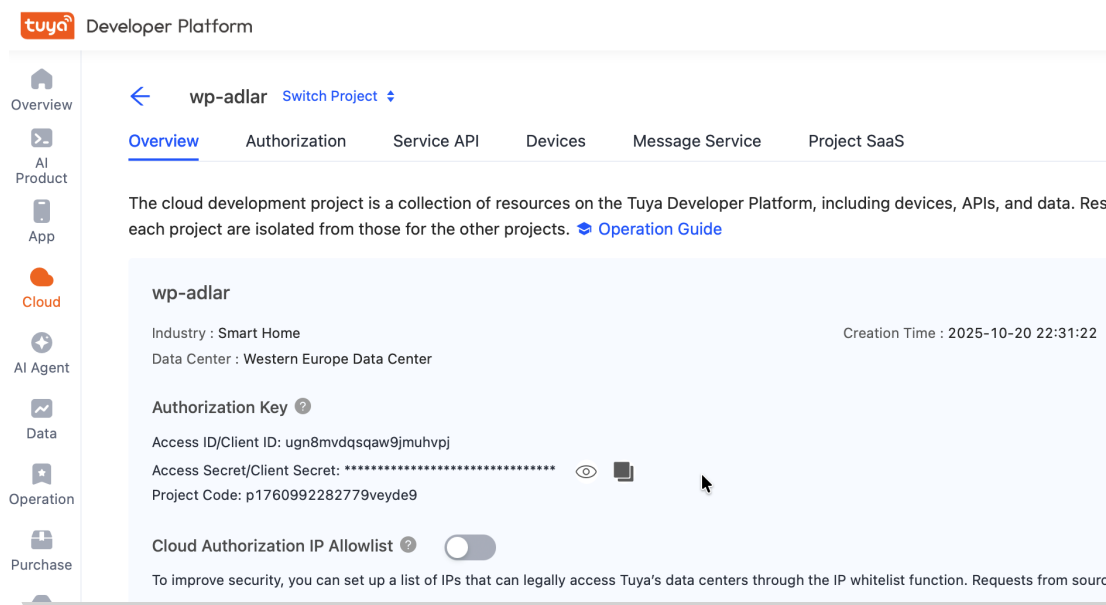
The 'Create Cloud Project' dialog box contains the following fields and options:

- \* Project Name:** wp-adlar
- Description:** Please briefly describe the functions and scenarios of your project, with no more than 255 words.
- \* Industry:** Smart Home
- \* Development Method:** Smart Home
- Data Center (?):** Western Europe Data Center x

Buttons at the bottom right: Cancel, Create.

## 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.



**tuya Developer Platform**

Overview | wp-adlar | Switch Project

**Overview** | Authorization | Service API | Devices | Message Service | Project SaaS

The cloud development project is a collection of resources on the Tuya Developer Platform, including devices, APIs, and data. Resources for each project are isolated from those for the other projects. [Operation Guide](#)

**wp-adlar**

Industry : Smart Home | Creation Time : 2025-10-20 22:31:22

Data Center : Western Europe Data Center

**Authorization Key**

Access ID/Client ID: ugn8mvdqsqaw9jmuhevj

Access Secret/Client Secret: ..... [Eye Icon] [Copy Icon]

Project Code: p1760992282779veyde9

**Cloud Authorization IP Allowlist** [Toggle Switch]

To improve security, you can set up a list of IPs that can legally access Tuya's data centers through the IP whitelist function. Requests from source

## 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.

### Configuration Wizard

#### Authorize API Services

The platform recommends some API services, and you can remove and select them as needed. The selected unsubscribed API services will be subscribed to and this project will be granted access the API products.

Select API Services	All	Selected API Service(s) (5)	Delete All
Sleep Band Open Service	>	IoT Core <a href="#">Free Basic Resource Pack</a>	×
Body Fat Scale Open Service	>	Authorization Token Management	×
Smart Lock Open Service	>	Smart Home Basic Service	×
[Deprecate]Device OTA Update	>	Data Dashboard Service	×
IR Control Hub Open Service	>	[Deprecate]Smart Home Scene Linkage	×
Smart Home Content Manage	>		
Customer Feedback	>		

Skip

Authorize

## 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

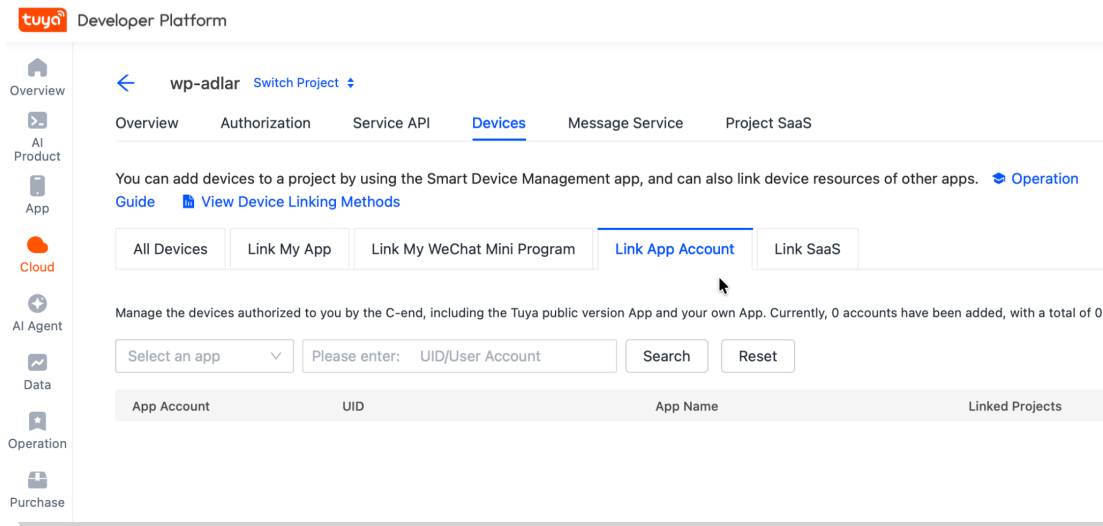
### Step 7 – Link Tuya App Account and get Device ID

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



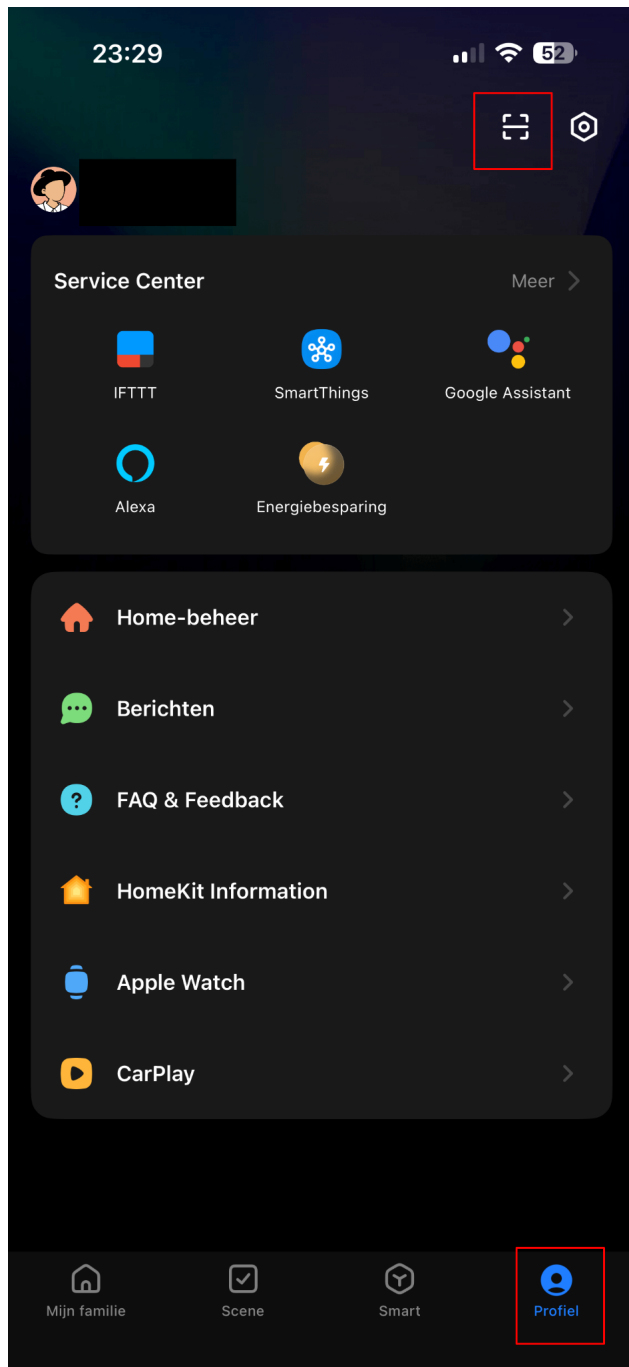
## 7.2 Click Add App Account and choose Tuya App Account Authorization



## 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 ② :

b added57c55238af5

Request URL

```
curl --request GET "https://openapi.synnyvej" --header "t: 17610683414280D0A3B" --header "ac
```

Response

```
{
  "result": [
    {
      "active_time": 17
      "bind_space_id":
      "category": "znrb
      "create_time": 17
      "custom_name": "A
      "icon": "smart/ic
      "id": "b added57c552
      "ip": "217.121.14
      "is_online": true
      "lat": "52.67",
      "local_key": "@})
      "lon": "6.29",
      "model": "",
      "name": "Intellig
      "product_id": "g9
      "product_name": "
      "sub": false,
      "time_zone": "+02
      "update_time": 17
      "uuid": "8f724ea1
```

## 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.