目的

将小米智能如温湿度计、人体传感器及门窗传感器等接入苹果家庭。

要求

- 1. iPhone或者iPad等苹果设备
- 2. 已安装Linux系统的闲置电脑
- 3. 耐心和一点点时间

步骤

1. 安装Home Assistant

Vmware版本需要配置GUI, Virt版本网卡桥接不好处理, 只有docker最省心。

安装命令

```
docker run -d \
--name homeassistant \
--privileged \
--restart=unless-stopped \
-e TZ=Asia/Shanghai \
-v /home/vmware/ha:/config \
--network=host \
ghcr.io/home-assistant/home-assistant:stable
```

验证端口

netstat -ntpl

端口8123被监听即视为安装成功

```
Active Internet connections (only servers)

Proto Recv-Q Send-Q Local Address Foreign Address State

PID/Program name

tcp 0 00.0.0:8123 0.0.0.0:* LISTEN

32387/python3
```

2. 配置Home Assistant

下载Home Assistant应用

App Store (iPhone, iPad, MacBook...)

• 官网

初始化HA

- 1. 添加Server地址: Docker宿主机IP+8123端口, http协议
- 2. 用户名密码自定义
- 3. 防隐私地址可随便选

添加小米网关

Settings --> Devices & Services --> ADD INTEGRATION --> 小米 --> 小米Aqara网关 Home Assistant ≡< Helpers Select brand × С 52. Overview Ŧ ogisk institutt (Met.no) > Q Search for xiaomi × 4 Energy ₽ 0 Мар Xiaomi > Logbo > History 0 Ľ Xiaomi Gateway (Aqara) >

三个框都留空,让后台自动处理,点summit提交即可。之后在Overview栏会出现原本连接在小米智 能网关上的组件。



If the IP and MAC addresses are left empty, auto-discovery is used

The network interface to use any IP address (optional) Mac Address (optional)

SUBMIT

对传感器对号入座

传感器均以设备+ID命名,想要对应谁在哪个房间,最笨的办法是看显示数值来判断是哪一个。比如 在小米智能家某个传感器温度是39°,看看Home Assistant里面对应哪个再改名即可。一般来说, 一个总设备下对应的子设备ID是一致的,比如一个温湿度传感器下挂温度、湿度、电量三个传感器 的命名默认后缀都是一样的。

方法2,以前**单独**用HomeKit Bridge配置小米网关的时候,貌似在哪个开发者模式下,能够看到每 个设备对应的ID值,太专业了,小白略过。

3. 添加并配置HomeKit Bridge

说到底还是得请老大哥出马。

安装HomeKit Bridge插件

同添加小米网关一样的步骤,此回搜索"HomeKit",注意!!! 此时出现的并不是你熟悉的 Bridge,而是Apple,请不要怀疑你的眼睛,点开有惊喜。

< What do you want to add?



当然,还是一样的配方,直接 SUMMIT 即可。

配置HomeKit Bridge

找到HomeKit Bridge插件,选择 CONFIGURE,按如图选择后,在 Domains to include 栏点开后 选择全部组件。不贪心,咱就是全都要!!!!!





HomeKit can be configured expose a bridge or a single accessory. In accessory mode, only a single entity can be used. Accessory mode is required for media players with the TV device class to function properly. Entities in the "Domains to include" will be included to HomeKit. You will be able to select which entities to include or exclude from this list on the next screen.

Home	Kit Mode			
۲	bridge			
0	accessory			
Inclusion Mode				
\bigcirc	exclude			
۲	include			
Doma Alar	ins to include m Control Panel, Climate, Cover, Humidifier, Fan, Light, Lock, Media Player, R			

SUBMIT

片刻之后, Notifications 里应该有条通知, 点开是二维码。要问码有何用, 此处先按住不提, 且 看下回分析。

4. 配置Apple Home

扫描HA中的二维码



在家庭设置中找到刚刚添加的设备

Home Settings --> Bridges --> Accessories



对每个子设备更改房间归属

09:40 🕇	::!! ? 924
Temperature 26.0°	
This accessory has not be with HomeKit so some fe available	en certified to work atures may not be e.
J Temperature	8
Battery Level	41%
Charging	
Room	Garage
Default Ro Dining Room (S Entrance (Suc	uggested)
Garage (Sug	gested)
Create New	

09:2	8 1	::!! 🗢 (89)	
< Back		HASS	
Ň	Humidity 15 51%		Temperature 25.0°
S.	Humidity 15 50%		Temperature 24.5°
•	Door Windo Closed	×	Humidity 15 50%
ŕ.	RT-AC86U Triggered		Temperature 26.0°