

ZHA OTA Instructions

1. Hardware

- Dongle: Zigbee coordinator work on Home Assistant, eg: deCONZ, EmberZNet or other hardware.
- ESP32H2: Zigbee end device which support OTA client cluster, eg: [ota_client](#)

2. Zigbee Home Automation

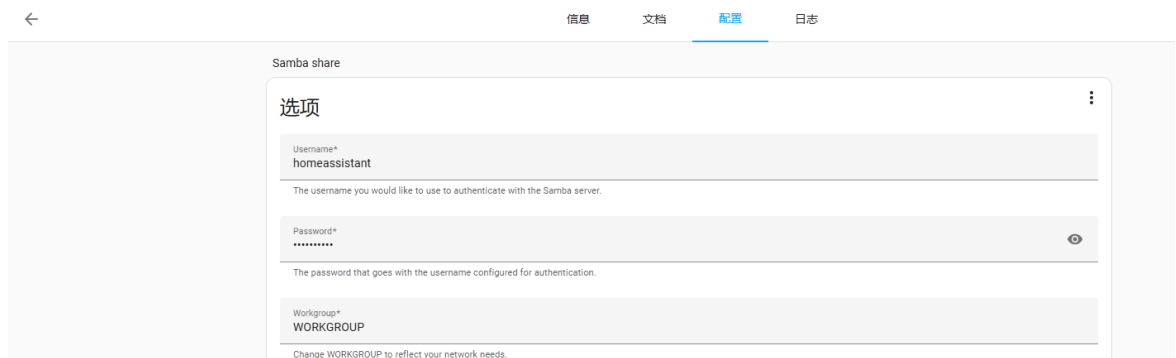
Input dongle and install integration: Zigbee Home Automation, eg:



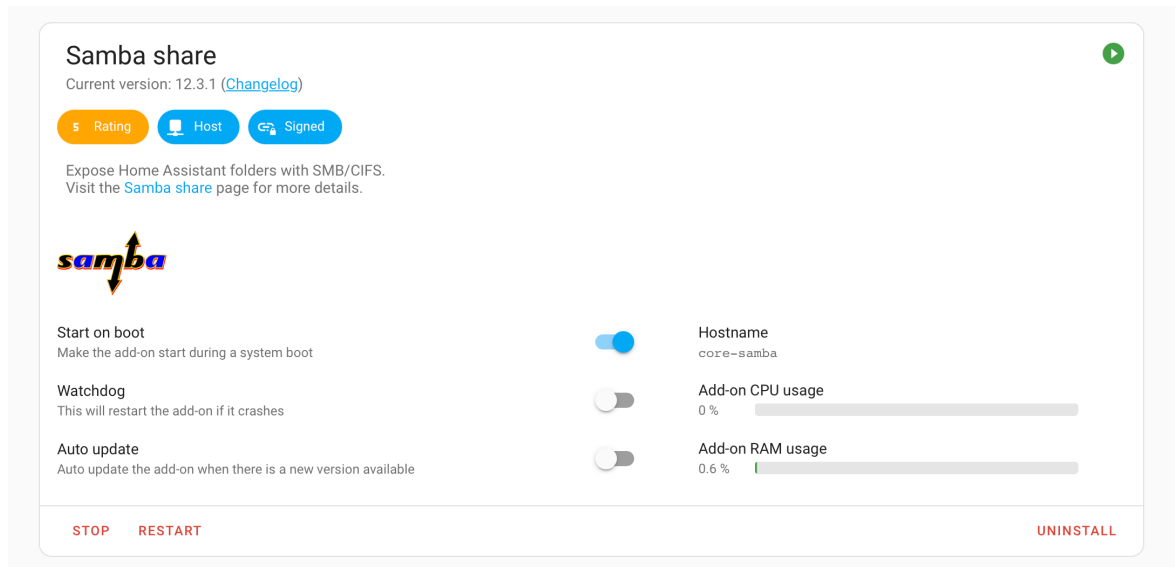
3. Add-ons

Follow these steps to get the samba share add-on installed on your system:

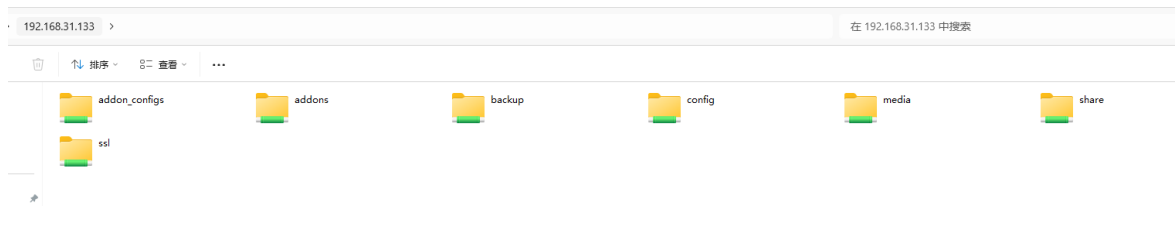
- Navigate in your Home Assistant frontend to Settings -> Add-ons -> Add-on store.
- Find the "Samba share" add-on and click it.
- Click on the "INSTALL" button.
- In the configuration section, set a username and password.



- Start it.

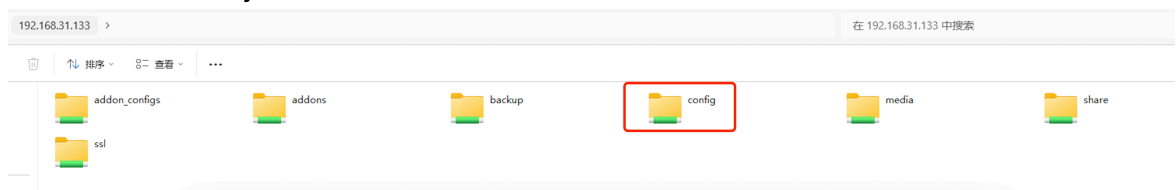


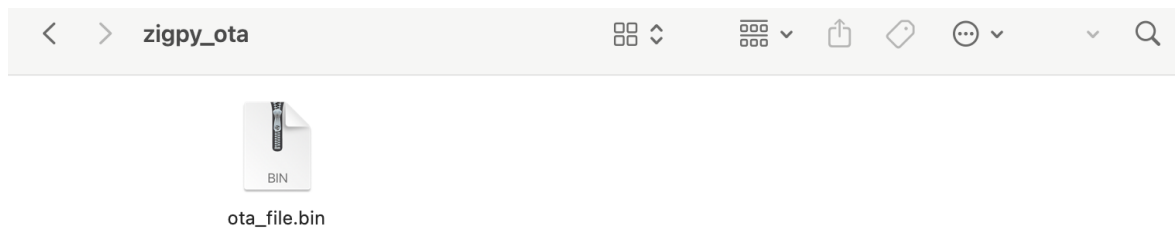
- Input `\\<IP_ADDRESS>\` and use the username in the configuration section connect to the shares on Windows.



4. OTA Files

- Refer the latest version of [ESP Zigbee SDK Guide](#) section 5.5.4.2 to generate an `ota_file.bin` for firmware update.
- Create `zigpy_ota` folder in the `config` directory and copy the `ota_file.bin` file to this directory.





- Add zigpy_config to `configuration.yaml` in the `config` directory for configure OTA path.

名称	修改日期	类型	大小
blueprints	2025/1/8 17:44	文件夹	
deps	2025/1/8 17:43	文件夹	
tts	2025/1/8 17:44	文件夹	
zigpy_ota	2025/1/8 19:27	文件夹	
automations	2025/1/8 17:43	Yaml 源文件	1 KB
configuration	2025/1/8 17:43	Yaml 源文件	1 KB
home-assistant	2025/1/8 19:26	文本文档	12 KB
home-assistant.log.1	2025/1/8 17:59	1 文件	20 KB
home-assistant.log.fault	2025/1/8 17:43	FAULT 文件	0 KB
home-assistant_v2	2025/1/8 19:09	Data Base File	216 KB
home-assistant_v2.db-shm	2025/1/8 19:26	DB-SHM 文件	32 KB
home-assistant_v2.db-wal	2025/1/8 19:26	DB-WAL 文件	491 KB
scenes	2025/1/8 17:43	Yaml 源文件	0 KB
scripts	2025/1/8 17:43	Yaml 源文件	0 KB
secrets	2025/1/8 17:43	Yaml 源文件	1 KB
zigbee	2025/1/8 19:10	Data Base File	108 KB
zigbee.db-shm	2025/1/8 19:10	DB-SHM 文件	32 KB
zigbee.db-wal	2025/1/8 19:10	DB-WAL 文件	21 KB

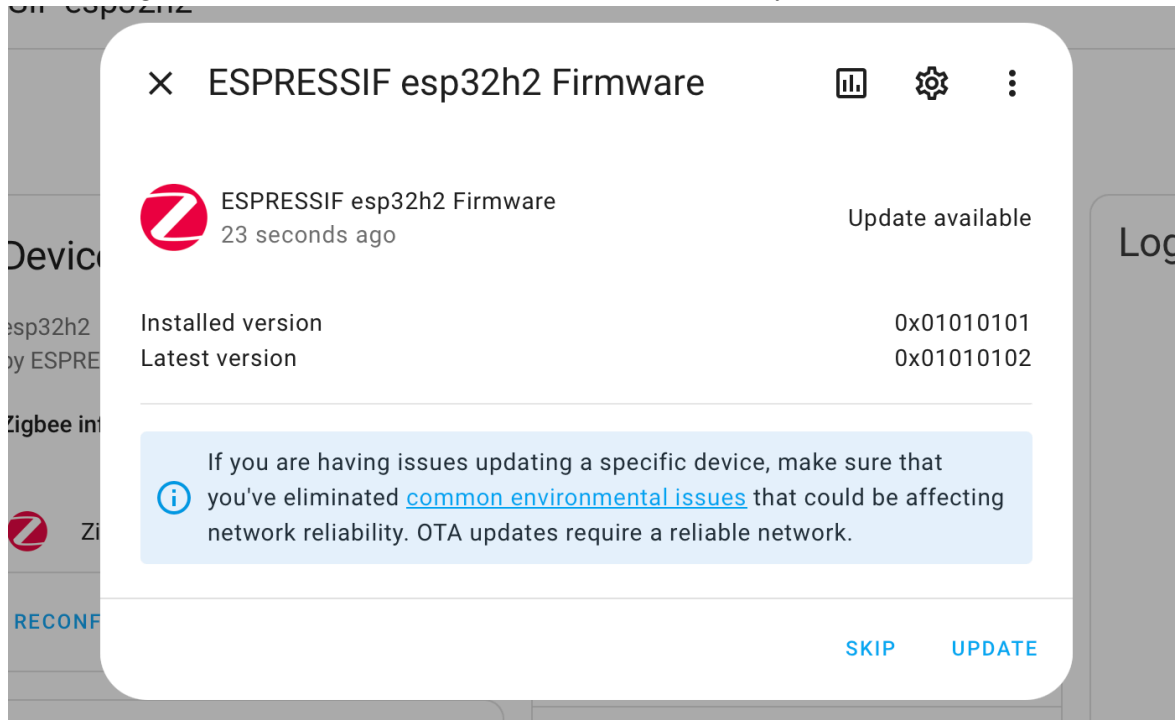
```

12
13 zha:
14   zigpy_config:
15     ota:
16       # Disable all default providers, just support this one
17       providers:
18         - type: advanced # !!! Please read the message below before enabling OTA updates from raw OTA files !!!
19         - warning: I understand I can *destroy* my devices by enabling OTA updates from
20         - files. Some OTA updates can be mistakenly applied to the wrong
21         - device, breaking it. I am consciously using this at my own risk.
22         - path: /config/zigpy_ota
23

```

5. Update Firmware


- Restart Zigbee Home Automation and wait for end device join the network.



- Click UPDATE button trigger the firmware update.

×

ESPRESSIF esp32h2 Firmware



ESPRESSIF esp32h2 Firmware

41 minutes ago

Installing (72.39%)

Installed version

0x01010101

Latest version

0x01010102

If you are having issues updating a specific device, make sure that you've eliminated [common environmental issues](#) that could be affecting network reliability. OTA updates require a reliable network.

SKIP

UPDATE

```

I (104893) ESP_OTA_CLIENT: Queried OTA image from address: 0x0000, endpoint: 5
I (104893) ESP_OTA_CLIENT: Image version: 0x1010102, manufacturer code: 0x1001, image size: 12449
I (104893) ESP_OTA_CLIENT: Approving OTA image upgrade
I (104903) ESP_OTA_CLIENT: — OTA upgrade start
I (105743) ESP_OTA_CLIENT: — OTA Client receives data: progress [24/12393]
I (105743) ESP_DELTA_OTA_OPS: Received partial data, waiting for more...
I (106033) ESP_OTA_CLIENT: — OTA Client receives data: progress [64/12393]
I (106033) ESP_DELTA_OTA_OPS: Received partial data, waiting for more...
I (106313) ESP_OTA_CLIENT: — OTA Client receives data: progress [104/12393]
I (106313) ESP_DELTA_OTA_OPS: Received partial data, waiting for more...
I (106573) ESP_OTA_CLIENT: — OTA Client receives data: progress [144/12393]
I (106573) ESP_DELTA_OTA_OPS: Received partial data, waiting for more...
I (106833) ESP_OTA_CLIENT: — OTA Client receives data: progress [184/12393]
I (106833) ESP_DELTA_OTA_OPS: Received partial data, waiting for more...
I (107093) ESP_OTA_CLIENT: — OTA Client receives data: progress [224/12393]
I (107093) ESP_DELTA_OTA_OPS: Received partial data, waiting for more...
I (107353) ESP_OTA_CLIENT: — OTA Client receives data: progress [264/12393]
I (107353) ESP_DELTA_OTA_OPS: Received partial data, waiting for more...

```

- Wait for the firmware update finish.