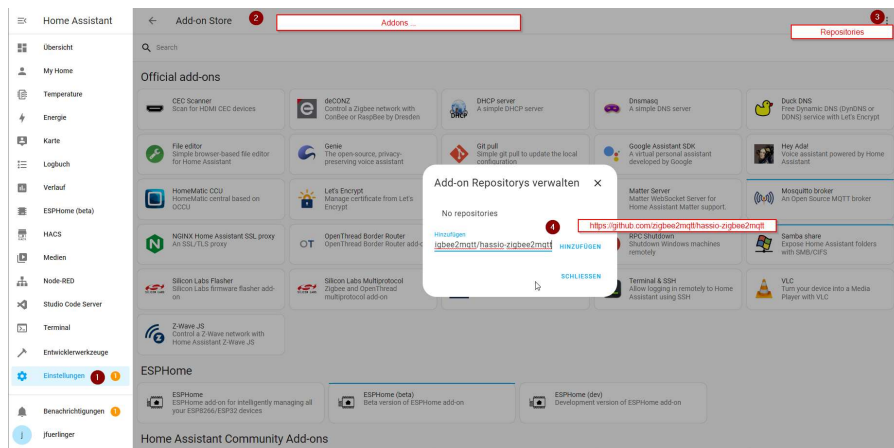
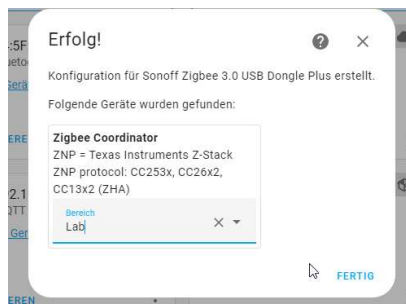
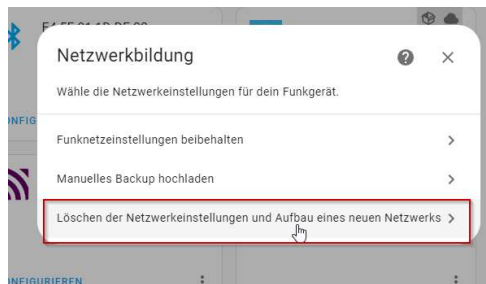
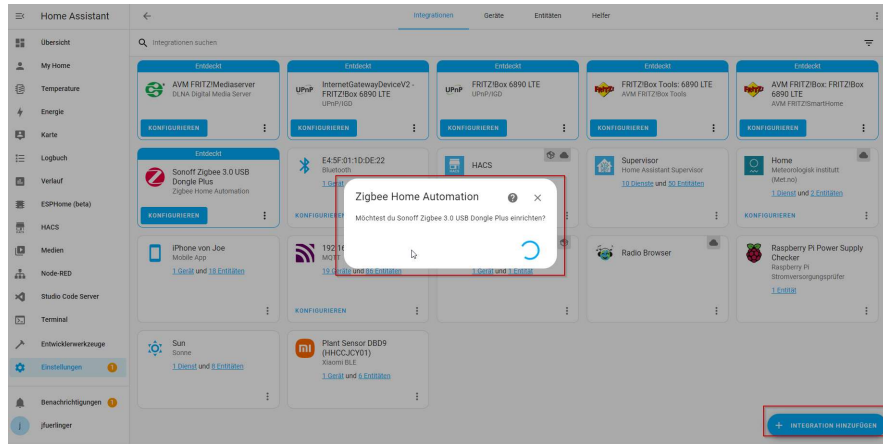


# Zigbee Integration in Home Assistant

Mittwoch, 19. April 2023 08:08

## Einrichtung



(4) -- [zigbee2mqtt/hassio-zigbee2mqtt](https://github.com/zigbee2mqtt/hassio-zigbee2mqtt): Official Zigbee2MQTT Home Assistant add-on (github.com)

Wichtig: Nach dem Hinzufügen des Repos muss der Browser Cache per Strg-Shift-DEL geleert werden. Zusätzlich wurde sicherheitshalber Home Assistant komplett neu gestartet.

Browser window showing the Zigbee2MQTT Home Assistant add-on page. The page includes a sidebar with navigation options like Übersicht, My Home, Temperature, Energie, Karte, Logbuch, Verlauf, ESPHome (beta), HACS, Medien, Node-RED, Studio Code Server, Terminal, and Entwicklerwerkzeuge. The main content area displays the Zigbee2MQTT add-on details, including its version (1.30.3-1), a rating of 7, and a description: "Use your ZigBee devices without the vendor's bridge or gateway. Weitere Informationen findest du auf der Seite Zigbee2MQTT". A red box highlights the "INSTALLIEREN" button. Below the button, the text "Home Assistant Add-on: Zigbee2MQTT" is shown, along with a note that it allows using Zigbee devices without a vendor's bridge or gateway. A red box also highlights the "Einstellungen" button in the sidebar.

#### Konfiguration

[zigbee2mqtt/hassio-zigbee2mqtt: Official Zigbee2MQTT Home Assistant add-on \[github.com\]](#)

Terminal window showing the Home Assistant OS 9.5 boot logs. The logs display the Home Assistant URL (http://homeassistant.local:8123) and the Zigbee2MQTT add-on being installed. The logs show the add-on's configuration and the successful installation of the Zigbee2MQTT add-on. A red box highlights the "Terminal" button in the sidebar. Another red box highlights the "Einstellungen" button in the sidebar.

#### Finale Konfiguration

Home Assistant

Informationen Dokumentation Konfiguration Protokoll

Übersicht My Home Temperatur Energie Karte Logbuch Verlauf ESPHome (beta) HACS Medien Node-RED Studio Code Server Terminal Zigbee2MQTT

Einstellungen Benachrichtigungen jfuerlinger

Addons / Zigbee2Mqtlr

### Zigbee2MQTT

#### Optionen

```
1 data_path: /config/zigbee2mqtt
2 socat:
3   enabled: false
4   master: pty,raw,echo=0,link=/tmp/ttyZ2M,mode=777
5   slave: tcp-listen:8485,keepalive,nodeLAY,reuseaddr,keepidle=1,keepintvl=1,keepcnt=5
6   options: "-d -d"
7   log: false
8 mqtt:
9   server: "mqtt://192.168.2.40:1883"
10  user: "mqtt_user"
11  password: "mqtt_password"
12  serial:
13    port: /dev/ttyUSB1
14  advanced:
15    pan_id: GENERATE
```

Speichern

#### Netzwerk

Ändern der Ports auf deinem Host, die vom Add-On verfügbar gemacht werden

8485	8485/tcp
------	----------

Socat tcp-listen port

☐ Deaktivierte Ports anzeigen

AUF WERKSEINSTELLUNGEN ZURÜCKSETZEN Speichern

Home Assistant

Übersicht My Home Temperatur Energie Karte Logbuch Verlauf ESPHome (beta) HACS Medien Node-RED Studio Code Server Terminal Zigbee2MQTT

Entwicklerwerkzeuge Einstellungen

EXPLORER

- blueprints
- custom\_components
- esphome
- myesp14.yaml
- myesp30.yaml
- secrets.yaml
- node-red
- ttts
- www
- zigbee2mqtt
  - log
    - 2023-04-19-09-06-40
    - 2023-04-19-09-08-04
    - 2023-04-19-09-09-15
    - 2023-04-19-09-10-20
    - 2023-04-19-09-11-46
    - 2023-04-19-09-12-47
    - 2023-04-19-09-14-10
    - 2023-04-19-09-15-24
    - 2023-04-19-09-15-51
    - 2023-04-19-09-27-54
  - configuration.yaml
  - coordinator\_backup.json
  - state.json
  - automations.yaml
  - configuration.yaml
  - home-assistant.log
  - home-assistant.log.1
  - home-assistant.log.fault
  - mqtt.yaml
  - scenes.yaml
  - scripts.yaml
  - secrets.yaml

secrets.yaml

```
1 # Use this file to store secrets like usernames and passwords.
2 # Learn more at https://www.home-assistant.io/docs/configuration/secrets/
3
4 mqtt_broker: 'mqtt://192.168.2.40:1883'
5 mqtt_user: 'mqtt_user'
6 mqtt_password: 'mqtt_password'
```

Dann das Addon starten.

#### Probleme

[Zigbee2MQTT fails to start](#) | [Zigbee2MQTT Zigbee network](#) | [Zigbee2MQTT](#)

```
2023-04-19 08:58:08.088 Starting zigbee-herdsman (0.14.103)
+ 2023-04-19 08:58:08 cat log.txt
info 2023-04-19 08:58:08: Logging to console and directory: '/config/zigbee2mqtt/log/2023-04-19-08-58-08' filename: log.txt
info 2023-04-19 08:58:08: Starting Zigbee2MQTT version 1.30.3 (commit #unknown)
info 2023-04-19 08:58:08: Starting zigbee-herdsman (0.14.103)
error 2023-04-19 09:00:47: Error while starting zigbee-herdsman
error 2023-04-19 09:00:47: Failed to start zigbee
error 2023-04-19 09:00:47: Check https://www.zigbee2mqtt.io/guide/installation/20_zigbee2mqtt-fails-to-start.html for possible solutions
error 2023-04-19 09:00:47: Exiting...
error 2023-04-19 09:00:47: Error: network commissioning timed out - most likely network with the same panId or extendedPanId already exists nearby
    at ZnpAdapterManager.beginCommissioning (/app/node_modules/zigbee-herdsman/src/adapter/z-stack/adapter/manager.ts:347:23)
    at ZnpAdapterManager.start (/app/node_modules/zigbee-herdsman/src/adapter/z-stack/adapter/manager.ts:92:17)
    at Controller.start (/app/node_modules/zigbee-herdsman/src/controller/controller.ts:132:29)
    at Zigbee.start (/app/lib/zigbee.ts:58:27)
    at Controller.start (/app/lib/controller.ts:101:27)
    at start (/app/index.js:107:5)
+ 2023-04-19 08:58:08 |
```

```
1 advanced:
2   # Optional: ZigBee pan ID (default: shown below)
3   # Setting pan_id: GENERATE will make Zigbee2MQTT generate a new panID on next startup
4   pan_id: 0x0000
5   # Optional: Zigbee extended pan ID (default: shown below)
6   ext_pan_id: [0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00, 0x00]
7   # Optional: ZigBee channel, changing requires re-pairing of all devices. (Note: use a ZLL channel: 11, 15, 20, or
8   # (default) 11)
9   channel: 11
10  # Optional: network encryption key, will improve security
11  # Note: changing requires repairing of all devices (default: shown below)
12  network_key: [ 1, 3, 5, 7, 9, 11, 13, 15, 0, 2, 4, 6, 8, 10, 12, 13 ]
```

Device-Pairing

Home Assistant

Übersicht

My Home

Temperature

Energie

Karte

Logbuch

Verlauf

ESPHome (beta)

HACS

Medien

Node-RED

Studio Code Server

Terminal

**Zigbee2MQTT**

Z2M@192.168.2.40 Devices Dashboard Map Settings Groups OTA Touchlink Logs Extensions

Permit join (All)

2

Enter search criteria

#	Pic	Friendly name	IEEE Address	Manufacturer
1		zigbee-plug-01	0xec1bbdfffffd5b04 (0x1864)	Lidl
2		zigbee-doorcontact-01	0x847127ffea4977e (0x1A12)	Lidl
3		zigbee-doorcontact-02	0xa4c138ca4957f0d4 (0x386A)	TuYa
4		zigbee-temperature-01	0xa4c13822000218c3 (0x6801)	TuYa

- 1. Device einschalten
- 2. Pairing Button ca. 5 Sekunden gedrückt halten
- 3. Warten
- 4. Anschließend sollte in der Übersicht das neue Device erscheinen (->Umbenennen)

Home Assistant

Übersicht

My Home

Temperature

Energie

Karte

Logbuch

Verlauf

ESPHome (beta)

HACS

Medien

Node-RED

Studio Code Server

Terminal

Zigbee2MQTT

Entwicklerwerkzeuge

Einstellungen

Benachrichtigungen

jfluerlinger

Z2M@192.168.2.40 Devices Dashboard Map Settings Groups OTA Touchlink Logs Extensions

Permit join (All)

Enter search criteria

#	Pic	Friendly name	IEEE Address	Manufacturer	Model	LQI	Power
1		zigbee-plug-01	0xec1bbdfffffd5b04 (0x1864)	Lidl	HG06337	163	
2		zigbee-doorcontact-01	0x847127ffea4977e (0x1A12)	Lidl	HG06336	163	
3		zigbee-doorcontact-02	0xa4c138ca4957f0d4 (0x386A)	TuYa	TS0203	94	
4		zigbee-temperature-01	0xa4c13822000218c3 (0x6801)	TuYa	WSD500A	153	

Resultat

Home Assistant

Übersicht

My Home

Temperature

Energie

Karte

Logbuch

Verlauf

ESPHome (beta)

HACS

Medien

Node-RED

Studio Code Server

Terminal

Zigbee2MQTT

Z2M@192.168.2.40

Devices

Dashboard

Map

Settings

Groups

OTA

Touchlink

Logs

Extensions

Permit join (All)

Zigbee

zigbee-plug-01

zigbee-doorcontact-01 contact

Geschlossen

zigbee-doorcontact-02 contact

Offen

zigbee-temperature-01 temperature

19,39 °C

zigbee-temperature-01 humidity

33,58 %

zigbee-temperature-01 battery

100 %

zigbee-doorcontact-01 battery

100 %

zigbee-doorcontact-02 battery

100 %