

# Using Zigbee2MQTT with BLZ Support in Home Assistant

This guide walks you through setting up Zigbee2MQTT with BLZ (Bouffalo Lab Zigbee) support on Home Assistant.

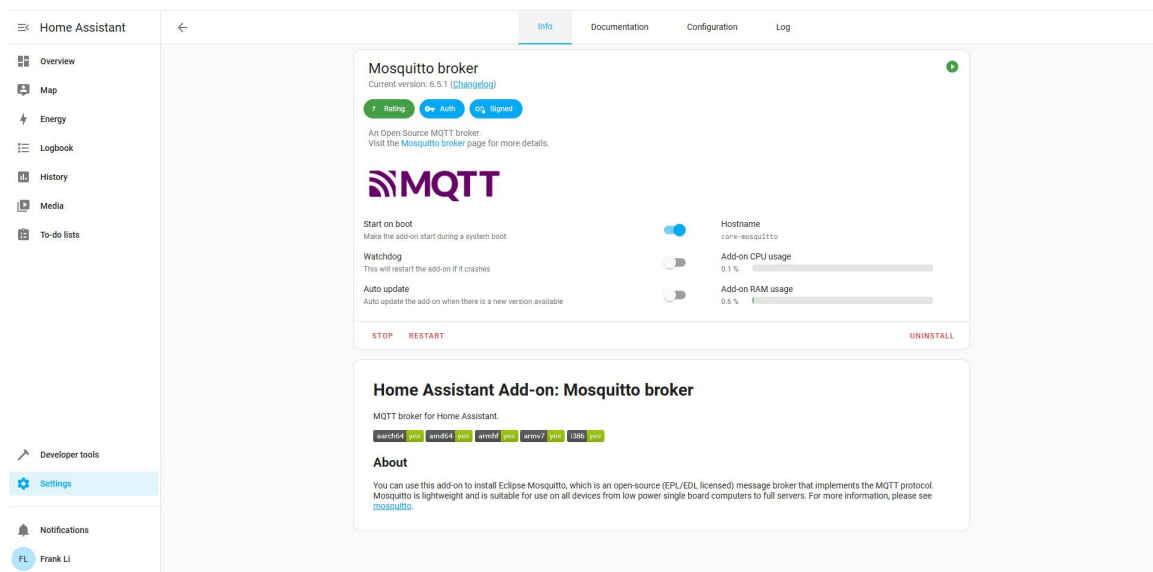
## Version

1.0.0

### 1. Add the Mosquitto MQTT Broker

Home Assistant relies on an MQTT broker for Zigbee2MQTT to function. We'll install the Mosquitto Broker add-on.

- Go to Settings → Add-ons → Add-on Store
- Search for Mosquitto broker
- Click Install

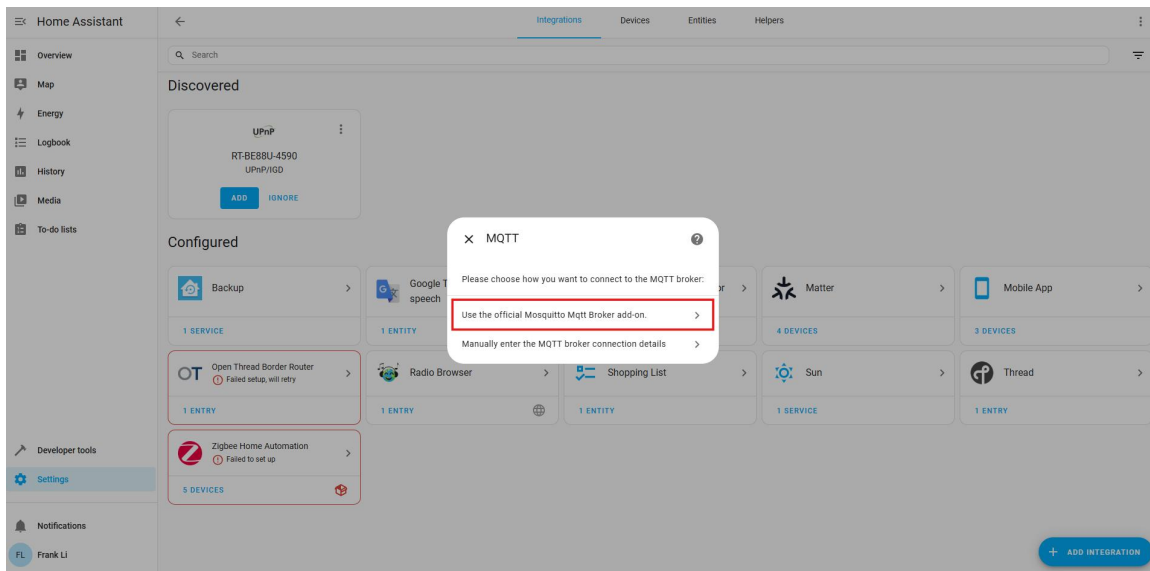
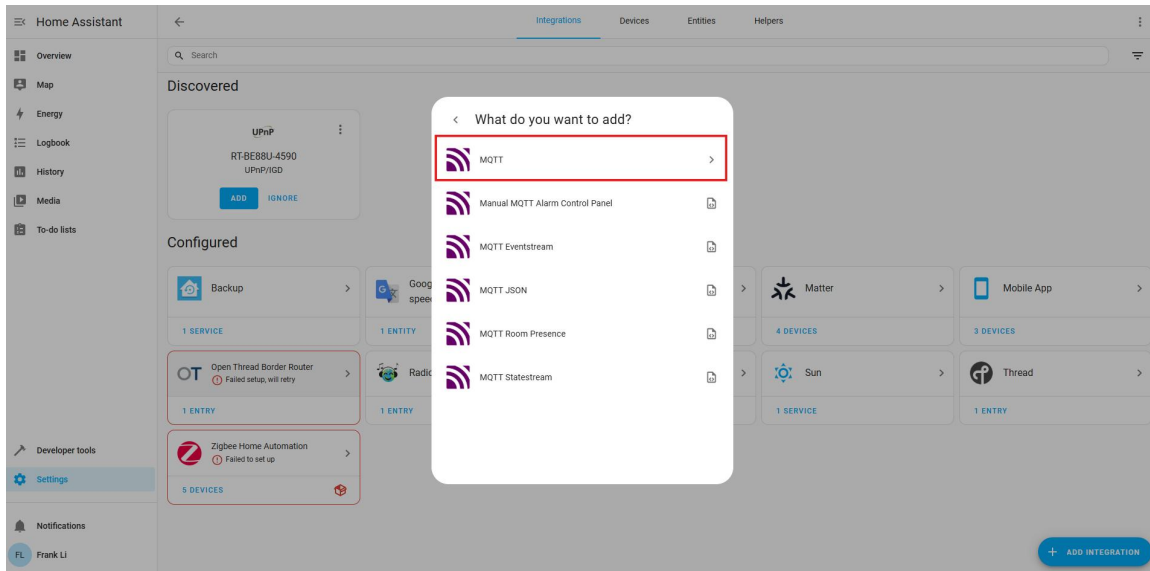


### 2. Configure MQTT Integration in Home Assistant

Now that the MQTT broker is installed, connect Home Assistant to it.

- Navigate to Settings → Devices & Services
- Click + Add Integration
- Search for MQTT and select it

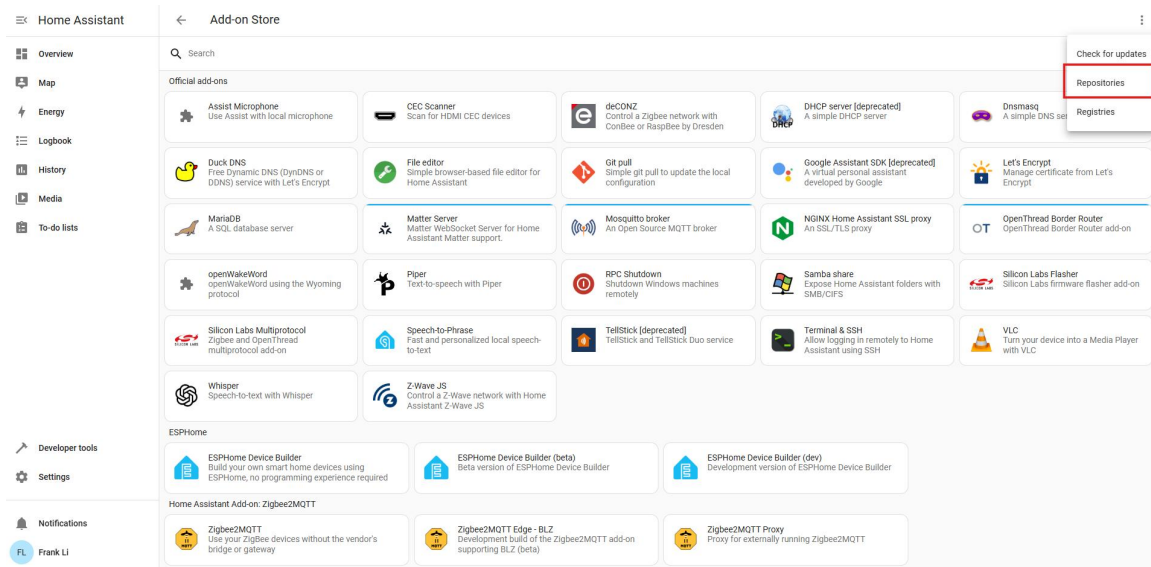
- Home Assistant should detect the Mosquitto broker automatically; use the default settings and complete the setup



### 3. Add the Custom Zigbee2MQTT Repository with BLZ Support

To enable BLZ support, we'll add a custom Zigbee2MQTT add-on repository.

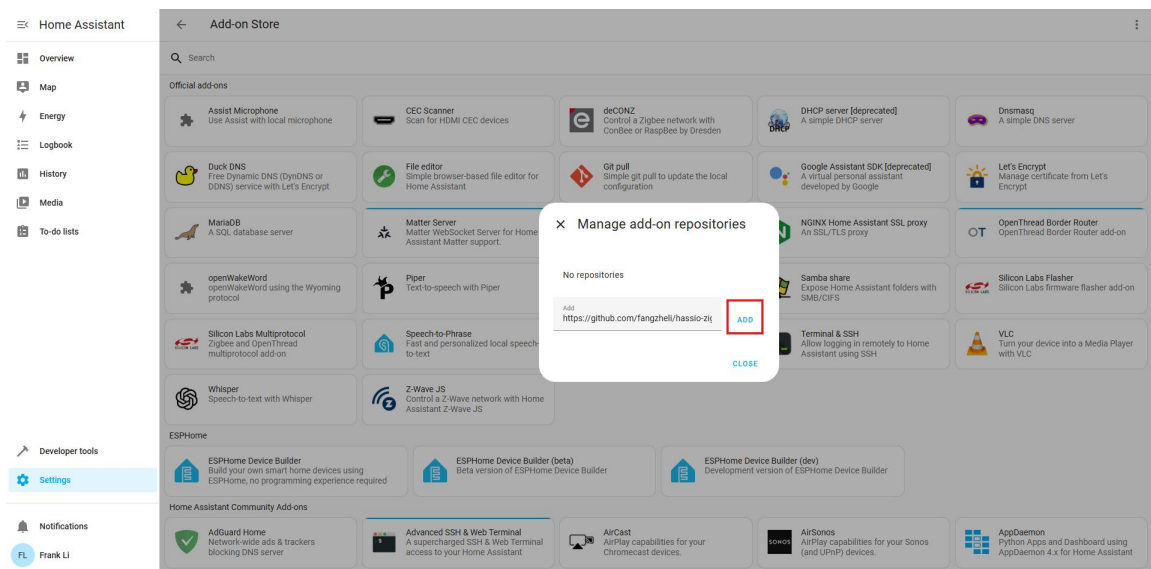
- Go to Settings → Add-ons → Add-on Store
- Click the Menu (:) in the top right corner
- Select Repositories



- Paste the following URL:

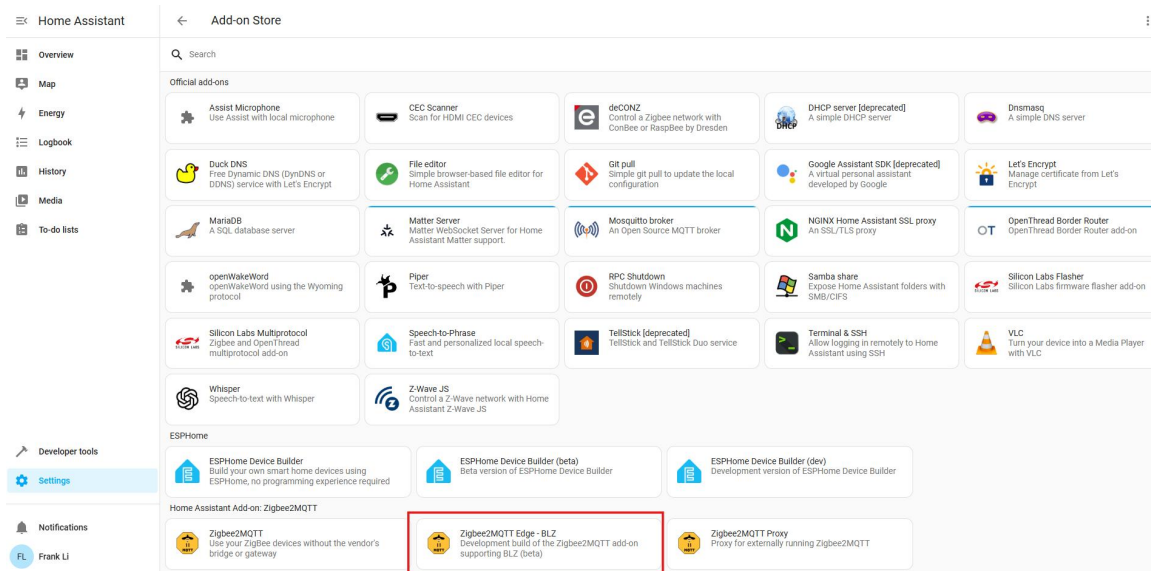
<https://github.com/fangzheli/hassio-zigbee2mqtt.git>

- Click Add

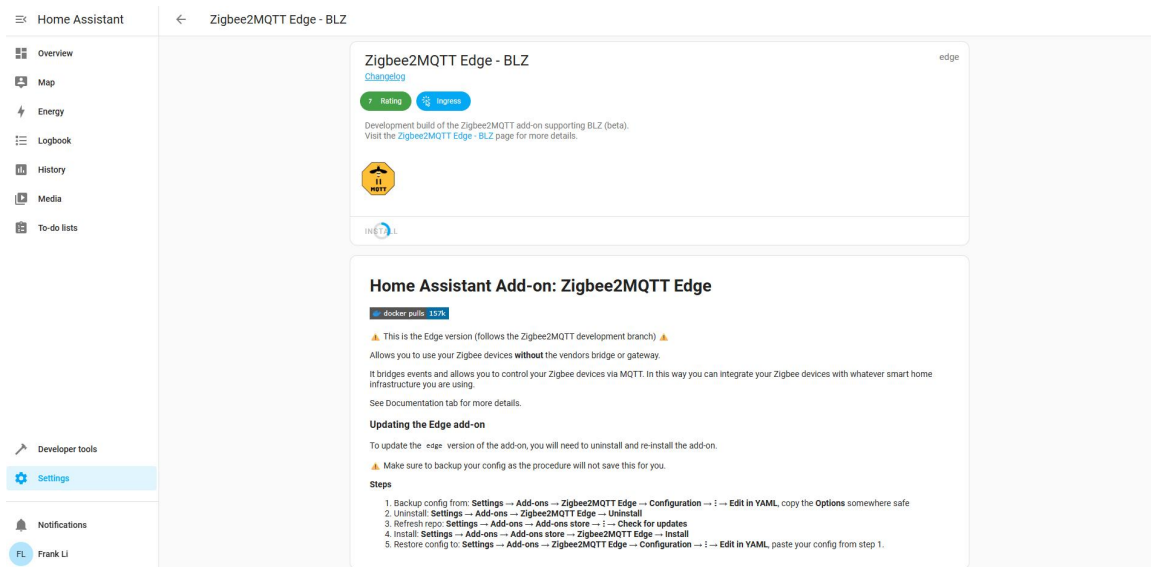


## 4. Install Zigbee2MQTT Edge - BLZ

- After adding the repository, return to the Add-on Store
- Refresh the page
- Locate Zigbee2MQTT Edge - BLZ



- Click on it and press Install

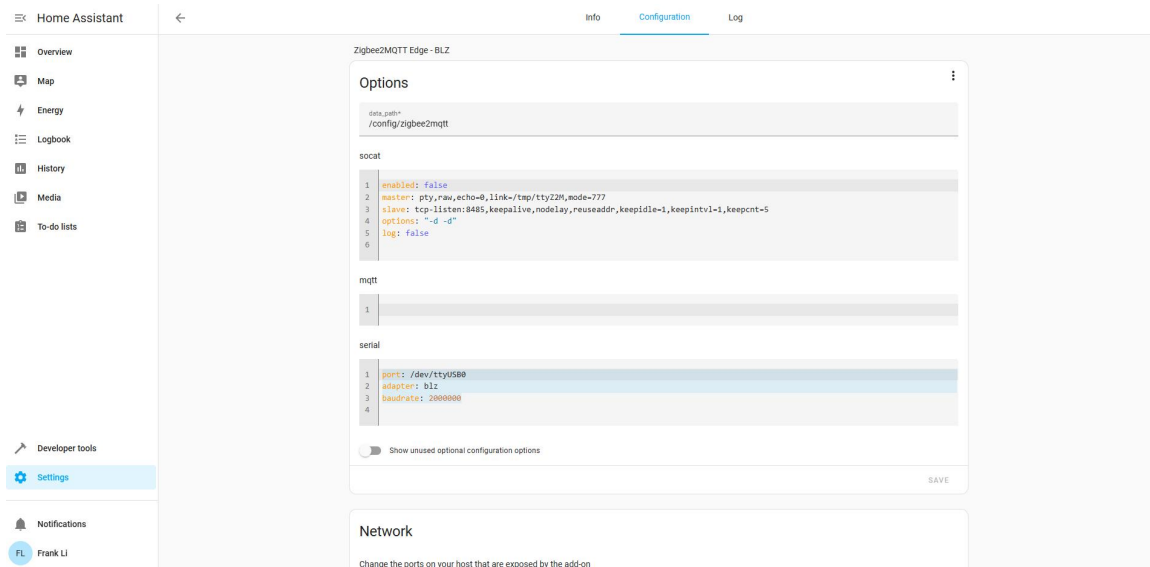


## 5. Configure Zigbee2MQTT Edge - BLZ for BLZ Adapter

Open the Zigbee2MQTT Edge - BLZ add-on configuration page and scroll to the 'serial' section. Add the following configuration:

*port: /dev/ttyUSB0*  
*adapter: blz*  
*baudrate: 2000000*

Make sure the device path `/dev/ttyUSB0` matches your connected USB dongle. Adjust as necessary based on your system.



## 6. Start the Add-on and Verify Connection

- Click Start on the Zigbee2MQTT Edge - BLZ add-on page
- Open the Log tab to ensure it starts successfully and recognizes the BLZ adapter

## 7. Done! Begin Pairing Zigbee Devices

With Zigbee2MQTT running and BLZ support active, you can now pair your Zigbee devices and control them from Home Assistant.

