Zigbee2MQTT setup

Prerequisites:

- SLZB-07x Zigbee USB coordinator.
- Computer or Raspberry Pi where Zigbee2MQTT or Home Assistant with ZHA will run.
- Home Assistant + ZHA or Zigbee2MQTT software installed.

Steps:

1. **Install Zigbee2MQTT**
   Follow the installation instructions for Zigbee2MQTT based on your system:
   https://www.zigbee2mqtt.io/guide/installation/
2. **Connect the Zigbee USB Coordinator**:
   Plug the SLZB-07x Zigbee USB coordinator into an available USB port on your computer or Raspberry Pi
3. **Configure Zigbee2MQTT**:
   – Open the Zigbee2MQTT configuration file (usually located at /opt/zigbee2mqtt/data/configuration.yaml or similar).
   – Find the section related to the coordinator configuration:

   Configuration for SLZB-07/MGx

   ```
   serial:
     port: /dev/ttyUSB0 # Specify the correct serial port for your coordinator
     rtscts: true
     adapter: ember
   ```

   > Some SLZB-07 dongles may have **adapter: ezsp** from facrory, you can update dongle to use **ember**

   Configuration for SLZB-07pX

   ```
   serial:
     port: /dev/ttyUSB0 # Specify the correct serial port for your coordinator
     rtscts: false
     adapter: zstack
   ```

– Ensure that the port matches the serial port where your coordinator is connected. The port might be different based on your system.

> **TIP:**
> For homeassistant: Go to "Settings" → "System" → "Hardware" → Select the 3 dot menu in the upper right corner → "All Hardware" → Scroll to "ttyUSB" and find your adapter → Copy Device path like "/dev/serial/by-id/usb-*"
>
> For linux: list USB devices via command: **ls /dev/ttyUSB***

4. **Start Zigbee2MQTT Service**:
   Start or restart the Zigbee2MQTT service to apply the changes made to the configuration file.
5. **Pairing Devices**:
   Once Zigbee2MQTT is running and configured with the coordinator, you can start pairing Zigbee devices:
   – Put your Zigbee devices (sensors, bulbs, etc.) into pairing mode according to their respective instructions.
   – Use Zigbee2MQTT's interface or command-line tools to initiate the pairing process.
   Follow the Zigbee2MQTT documentation for the specific commands or steps required.
6. **Device Control and Monitoring**:
   After successfully pairing your devices, you can control and monitor them using Zigbee2MQTT's interface or via MQTT messages, depending on your setup.

Additional Resources:

- **Zigbee2MQTT Documentation**: The official Zigbee2MQTT documentation provides detailed guides, troubleshooting tips, and a list of compatible devices

  https://www.zigbee2mqtt.io/

Revision #3
Created 2025-09-29 12:42:40 UTC by Taras
Updated 2025-09-29 13:10:28 UTC by Taras