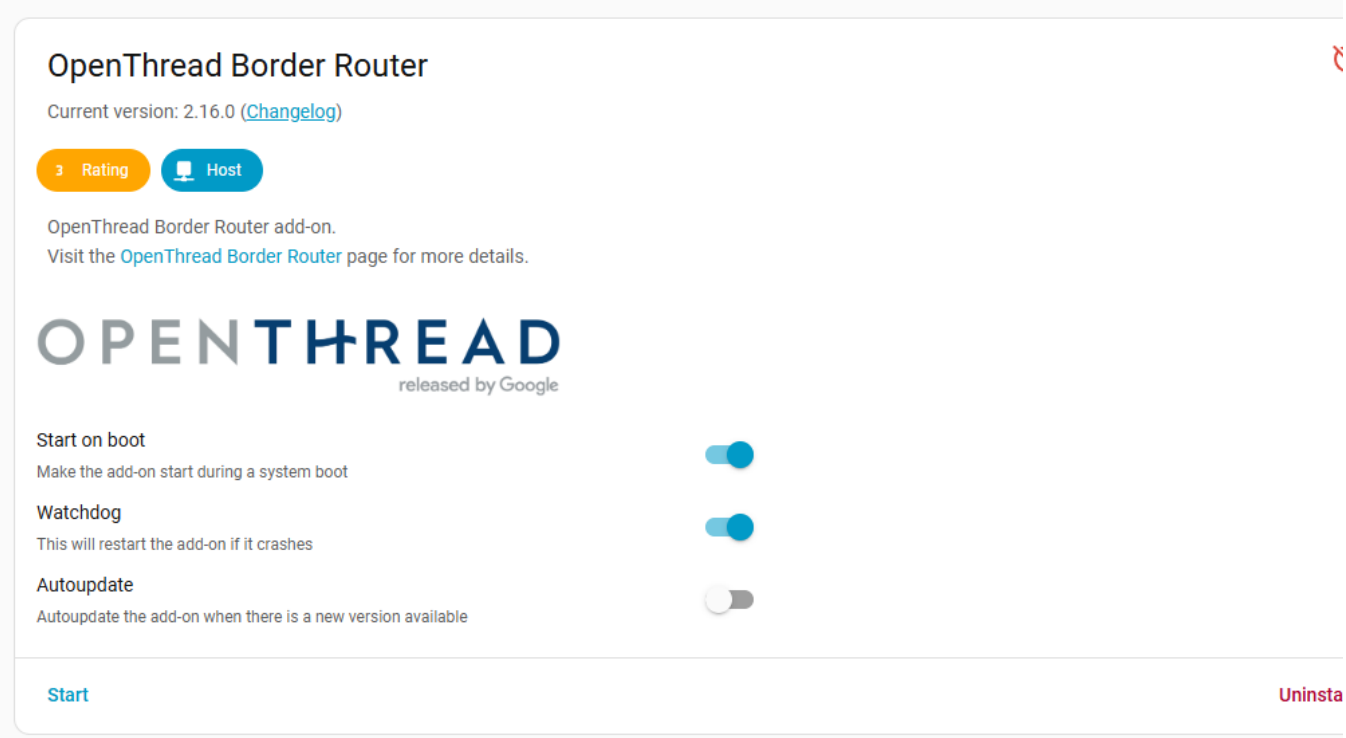
Thread setup

Addon setup

1. Flash the Thread firmware. Please follow this manual for device update instructions
   https://smlight.tech/support/manuals/books/slzb-07pxmgx/page/device-update
2. Install the OTBR addon into your Home Assistant OS (HAOS)



   If your HA is installed in docker you can try this docker container
   https://hub.docker.com/r/bnutzer/otbr-tcp
3. Complete the settings:
   In the "Device" option, select the serial port of your dongle.
   In the "Baudrate" option, select **460800.**
   - For SLZB-07/Mg24/MG26
   Hardware flow control: **ENABLED**

   - For SLZB-07p7/p10
   Hardware flow control: **DISABLED**
4. Run the addon

System setup

Setting Up the Matter add-on and Integration

1. Go to the Home Assistant interface and navigate to `Settings` > `Devices & Services`.
2. Click on `Add integration` and search for `Matter`.
3. Keep checkbox `Use the official Matter Server Supervisor add-on` and click `Submit`.
4. Wait untill installation of Matter Integration and Matter Server add-on is completed.
5. Head over to the Left panel within Home Assistant and Click `Settings` and choose `Add-ons` . Go to the Matter Server add-on. Start the Matter Server add-on. Here we would suggest as well to click both `Start on boot` and `Watchdog`.

Set-up and configuring the Integrations

1. Now, let's install the required integration: `Thread` and `OpenThread Border Router`.
2. Go back to the Home Assistant interface and navigate to `Settings` > `Devices & Services`.
3. Basically, all two should be autodiscovered so you just need to configure them. If they are not, click on `Add integration` and search for them there.
4. OpenThread Border Router – no configurations, just add.
5. Thread Integration – click `Configure` and make sure you have `OpenThread Border Router` under `Preferred network` line, and it contains an icon with key+phone. If not, do the following:

- click three dots on the right to `OpenThread Border Router`, choose `Add to preferrede network`.
- Under the preferred network now, click again three dots on the right to `OpenThread Border Router`, and choose `Use router for Android + iOS credentials`.

6. Start the add-on. Here we would suggest as well to click both `Start on boot` and `Watchdog` .

Reboot your Home Assistant server

1. Once all Home Assistant components are installed, we reccomend to reboot your Home Assistant server.

Pre-set up your phone

1. Install `Home Assistant` app on your Android phone from Play store. At the time of this video, we were unable to pair Matter-over-Thread device via iPhone.
2. Install `Google Home` app from Play store. It is recommended by `Home Assistant` developers and we were not able to pair our Thread devices without installed Google Home app.
3. Open `Home Assistant` app and sync it with your Home Assistant server. Your phone and Home assistant server should be in the same Wi-Fi network.
4. In app, go to `Settings` – `Companion app` -> Click `Troubleshooting` and click `Sync Thread Credentials`.

5. Wait until message `Home Assistant and this device use the same network`. If you see another message, namely `Added network from Home Assistant to this device` – you need to click on `Sync Thread Credentials` again, until you get that message about the same network.
6. If you are not getting message `Home Assistant and this device use the same network` - try to reset your Google Play Services (remove all data, usually by App settings -> Erase data -> Clear All Data, but namings depend on the smartphone model).

Adding the Matter Device

1. With the Matter integration set up, grab your Matter device and Android smartphone. Make sure Bluetooth is enabled on your phone.
2. Open the Home Assistant app and navigate to `Settings` > `Devices & Services` -> `Devices` Tab.
3. Click the `+ ADD DEVICE` button at the borrom right part of the screen to add a device, choose `Add Matter device`.
4. Follow the on-screen instructions in the app. You'll likely need to scan a QR code located on your Eve Energy socket or enter pairing code manually. We did it with QR-code scanning.
5. Home Assistan app on your phone can as Which app to open? Select `other` and then `Home assistant`.
6. The app will guide you through pairing the device with your Thread network. It should pass through this satuses:

- Connecting to device...
- Generating Matter credentials...
- Connecting device to network...
- Checking netwoek connectivity...
- Connecting device to Home Assistant...
- Device connected!

7. Note:

- If a Matter-over-Thread end-device has been powered up for a long time, it may require a reset of device to put back into pairing mode.
- In case you have Google home devices (Nest hub) and experiances issues with pairing, try to turn them off before starting OpenThread Border router add-on on your Home Assistant and your Home Assistant app.

Verifying Connection and Control

1. Once the pairing is complete, head back to the Home Assistant interface. You should see your Eve Energy socket listed on your `Dashboard` or under the `Devices` section .

2. Click on the device to access its controls. You should be able to turn the socket on and off remotely within the Home Assistant interface.

Congratulations! You've successfully connected your Matter-over-Thread device to Home Assistant using the OpenThread Border Router and Matter Integrations. Now you can enjoy the benefits of Matter's secure and interoperable smart home ecosystem.

> TIP:
> You can refer to the Home Assistant documentation for Matter and Thread for more troubleshooting steps https://www.home-assistant.io/integrations/thread/

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