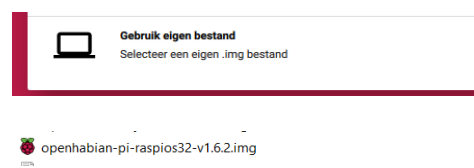
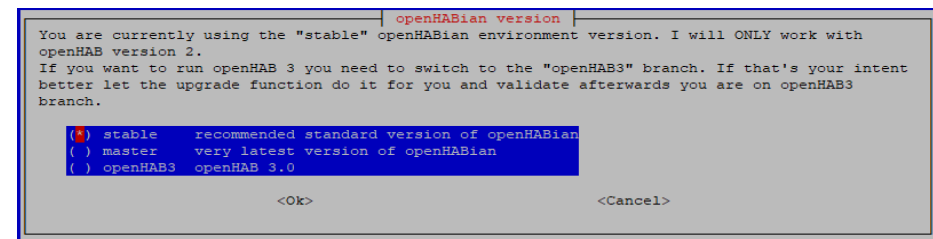
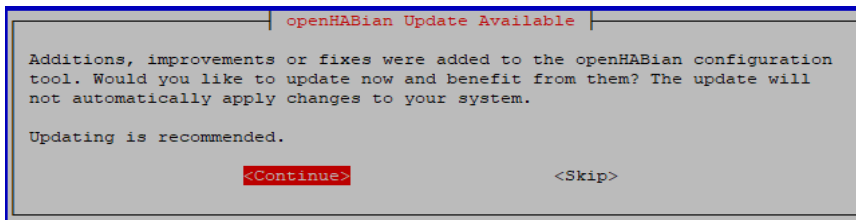


Ik heb de versie
Installatie via

<https://github.com/openhab/openhabian/releases/tag/v1.6.2>



Opstarten van de raspberry
sudo openhabian-config



Mosquitto failed to start

```
[13:41:13] openhabian@openHABianDevice:~$ sudo systemctl status mosquitto.service
Warning: The unit file, source configuration file or drop-ins of mosquitto.service changed on disk. Run 'systemctl daemon-reload' to reload units.
● mosquitto.service - Mosquitto MQTT v3.1/v3.1.1 Broker
   Loaded: loaded (/lib/systemd/system/mosquitto.service; enabled; vendor preset: enabled)
   Drop-In: /etc/systemd/system/mosquitto.service.d
            └─override.conf
   Active: failed (Result: exit-code) since Wed 2021-01-27 13:45:48 CET; 1 weeks 0 days ago
     Docs: man:mosquitto.conf(5)
           man:mosquitto(8)
   Process: 821 ExecStart=/usr/sbin/mosquitto -c /etc/mosquitto/mosquitto.conf (code=exited, status=1/FAILURE)
   Main PID: 821 (code=exited, status=1/FAILURE)

Jan 27 13:45:48 openHABianDevice systemd[1]: mosquitto.service: Service RestartSec=100ms expired, scheduling restart.
Jan 27 13:45:48 openHABianDevice systemd[1]: mosquitto.service: Scheduled restart job, restart counter is at 5.
Jan 27 13:45:48 openHABianDevice systemd[1]: Stopped Mosquitto MQTT v3.1/v3.1.1 Broker.
Jan 27 13:45:48 openHABianDevice systemd[1]: mosquitto.service: Start request repeated too quickly.
Jan 27 13:45:48 openHABianDevice systemd[1]: mosquitto.service: Failed with result 'exit-code'.
Jan 27 13:45:48 openHABianDevice systemd[1]: Failed to start Mosquitto MQTT v3.1/v3.1.1 Broker.
```

sudo apt-get purge mosquitto mosquitto-clients
sudo apt-get install mosquitto

```
sudo apt update
sudo apt upgrade
sudo systemctl start mosquitto
journalctl -xe
sudo systemctl status mosquitto.service
```

```
[14:01:25] openhabian@openHABianDevice:~$ sudo systemctl status mosquitto.service
● mosquitto.service - Mosquitto MQTT v3.1/v3.1.1 Broker
   Loaded: loaded (/lib/systemd/system/mosquitto.service; enabled; vendor preset: enabled)
   Drop-In: /etc/systemd/system/mosquitto.service.d
            └─override.conf
   Active: active (running) since Thu 2021-02-04 13:43:02 CET; 18min ago
     Docs: man:mosquitto.conf(5)
           man:mosquitto(8)
  Main PID: 3388 (mosquitto)
    Tasks: 1 (limit: 3980)
   CGroup: /system.slice/mosquitto.service
           └─3388 /usr/sbin/mosquitto -c /etc/mosquitto/mosquitto.conf

Feb 04 13:43:02 openHABianDevice systemd[1]: Starting Mosquitto MQTT v3.1/v3.1.1 Broker...
Feb 04 13:43:02 openHABianDevice systemd[1]: Started Mosquitto MQTT v3.1/v3.1.1 Broker.
```

Overview

In order to use MQTT devices, the following is required:

1. An MQTT broker installed
2. MQTT Binding installed in openHAB
3. MQTT Bridge Thing configured in openHAB

This tutorial was written with openHAB3 running on a headless Raspberry Pi 3B with Raspberry Pi OS, with SSH access.

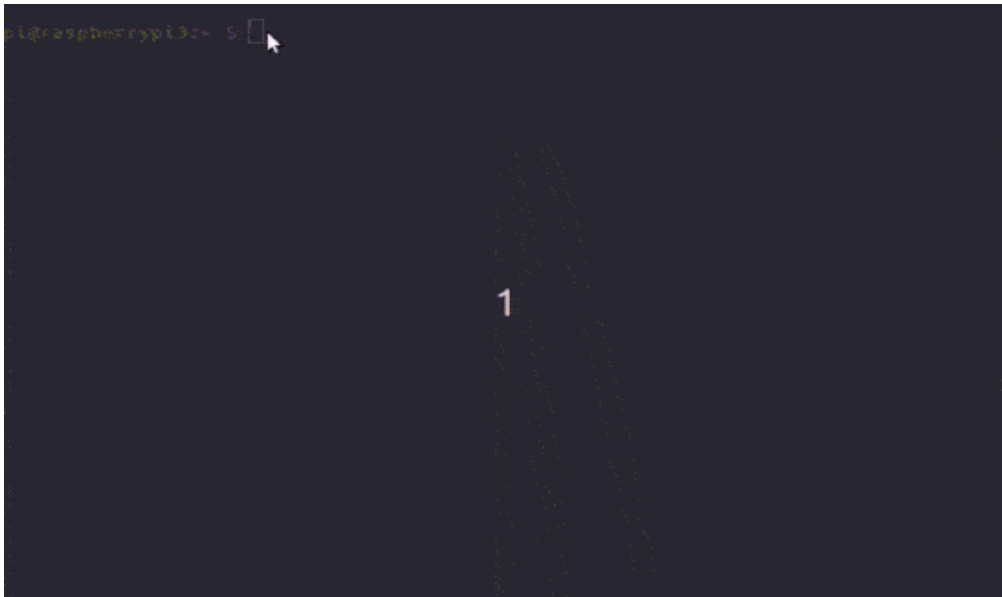
Method

1. Install the MQTT broker

[Install Mosquitto 6](#)

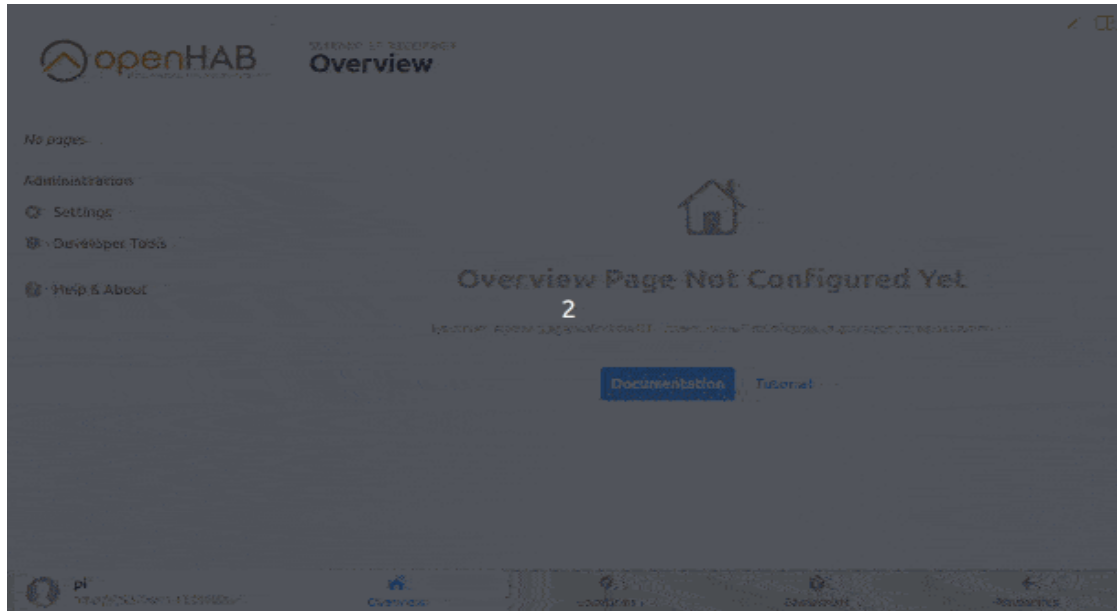
On the Raspberry Pi, perform the following commands to install Mosquitto, and ensure it runs when re-starting the Pi:

```
sudo apt install mosquitto
sudo systemctl start mosquitto
sudo systemctl daemon-reload
sudo systemctl enable mosquitto
```



2. Install the MQTT binding in openHAB3

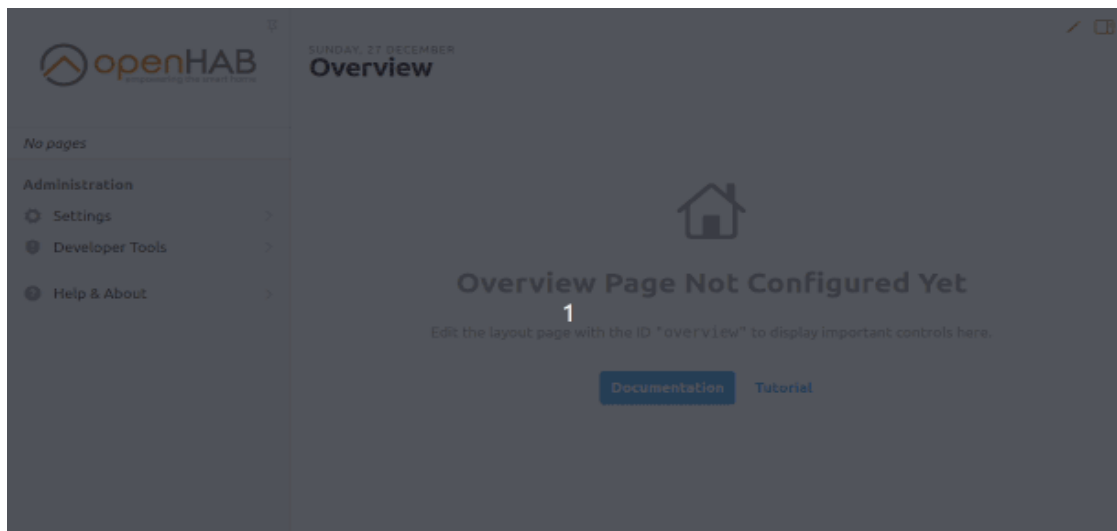
Settings -> Bindings -> Blue + -> MQTT -> Install



3. Connect openHAB3 to the MQTT broker

OpenHAB3 is connected to the MQTT broker through a Bridge Thing. To create a Bridge Thing:

Settings -> Things -> Blue + -> MQTT Binding -> MQTT Broker





Configure the Bridge to suit.

Unique ID: You can leave this default, or provide a more convenient ID. Once created, the ID cannot be changed.

Label: Friendly name for your MQTT Bridge Thing

Broker Hostname/IP: Enter the IP address of the device hosting the Mosquitto MQTT broker.

This should be the same as configured in the Tasmota settings.

If you didn't change any Mosquitto settings after install, you can leave the rest of the options as default.

New MQTT Broker

Unique ID: MosquittoMqttBroker
Note: cannot be changed after the creation

Identifier: mqtt:broker:MosquittoMqttBroker

Label: Mosquitto MQTT Broker

Location: Loft

MQTT Broker
A connection to a MQTT broker

Show advanced ☐

Broker Hostname/IP: 192.168.1.92
Required The IP/hostname of the MQTT broker

Secure Connection: ☐
Required Uses TLS/SSL to establish a secure connection to the broker.

Create Thing

Click *Create Thing* . Your Bridge Thing will be created and appear in your list of Things.

After a couple of seconds, it will appear as ONLINE.

[You now have a working MQTT broker, and openHAB is connected to the MQTT broker via the Bridge Thing.](#)

You can now start to add individual devices as a Generic MQTT Thing.

If you have a Tasmota device, this tutorial may be useful [77](#).