

# Installatie



## context

dit document beschrijft de installatie van Home Assistant

## Docker

1. download de image:

```
docker pull homeassistant/home-assistant
```

2. start de container:

```
docker run -d --name homeAssistant -p 8123:8123 homeassistant/home-assistant
```

3. open een browser op `http://<DockerHost>:8123`
4. doorloop de wizard: **CREATE MY SMARTHOME**

## Debian

source: ChatGPT

### Staging Debian VM

- Create a Debian VM on ESXi
- Give it
  - 2-4 vCPU
  - 4GB RAM (more if you plan many integrations).
  - 20-30 GB disk is usually sufficient for Home Assistant OS installation inside Debian.
- Update Debian:

```
sudo apt update && sudo apt upgrade -y  
sudo apt install -y software-properties-common curl
```

- Install dependencies for Home Assistant Supervised (if you choose this path)

## Prepare for Zigbee integration

- Connect the Zigbee dongle to your Debian VM
- Plug the Zigbee USB dongle into your ESXi host.
- Pass it through to the Debian VM via **VM > Edit Settings > USB Controller > Add USB Device**
- Verify in Debian:

```
lsusb  
dmesg | grep tty
```

You should see something like `/dev/ttyUSB0` or `/dev/ttyACM0`.

- Install necessary tools (optional but useful):

```
sudo apt install -y git jq
```

## Install Home Assistant Supervised on Debian

- Install Docker:

```
apt install -y docker.io  
sudo systemctl enable docker  
sudo systemctl start docker  
sudo usermod -aG docker $USER
```

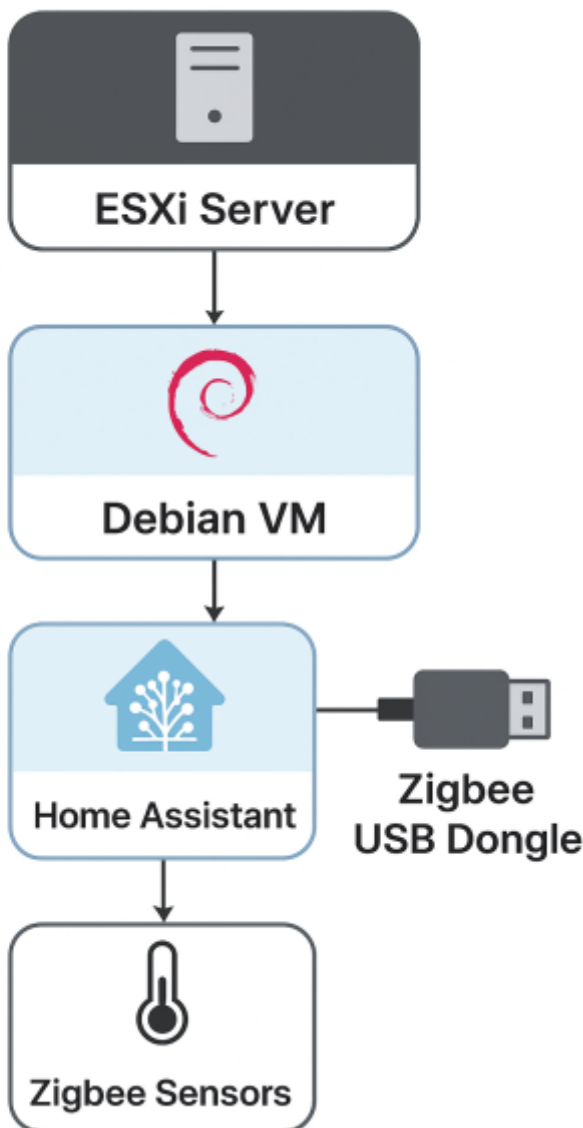
## Install Home Assistant Supervised

```
curl -Lo installer.sh  
https://raw.githubusercontent.com/home-assistant/supervised-installer/master  
/installer.sh  
bash installer.sh --machine qemu86-64
```

## Verify Home Assistant

- Access in browser: `http:<VM-IP>:8123` \* Go through the onboarding wizard. ==== Set up Zigbee integration in Home Assistant ==== \* Install Zigbee integration \* Use Zigbee2MQTT or ZHA (Zigbee Home Automation) add-on: \* ZHA: Easiest, built into Home Assistant. \* Go to **Settings > Devices & Services > Add Integration > Zigbee Home Automation** \* Select your USB device (`/dev/ttyUSB0`). \* Zigbee2MQTT: More flexible if you already use MQTT. \* Zigbee2MQTT on Debian VM<code>git clone <https://github.com/Koenkk/zigbee2mqtt.git> cd zigbee2mqtt npm ci cp configuration.yaml.example configuration.yaml nano configuration.yaml # set your serial port npm start</code> \* Pair your sensors \* Follow pairing instructions of your Zigbee sensor. \* Once paired, Home Assistant should automatically detect temperature readings. ==== Automate and visualize ==== \* Create a Lovelace card for temperature

readings. \* Set automations to trigger events (e.g., if temp > 28°C, turn on a fan). =====  
Optional enhancements ===== \* Use Docker Compose for Home Assistant and Zigbee2MQTT if  
you want better control. \* Back up the Home Assistant VM regularly (snapshots on ESXi). \*  
Consider a dedicated Zigbee coordinator like CC2531, CC2652, or ConBee II for best reliability.  
===== Diagram =====



===== meer info ===== \* [Onboarding wizard](#) \* [Home Assistant homepage](#) \* [Docker installatie](#)  
[home assistant, docker](#)

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