

Home Assistant

De baas in huis

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home-assistant.io/hassio/installation/



Virtueel



- [Odroid-XU4](#)
- [OrangePi-Prime](#)
- [Intel-Nuc](#)
- As a virtual appliance:
 - **[VMDK](#)** (VMWare Workstation)
 - [VHDX](#)
 - [VDI](#)
 - [OVA](#) (not available at this time!)

2. Install Hass.io:

UEFI

~~BIOS~~



ConBee



ZigBee: 2.4 GHz

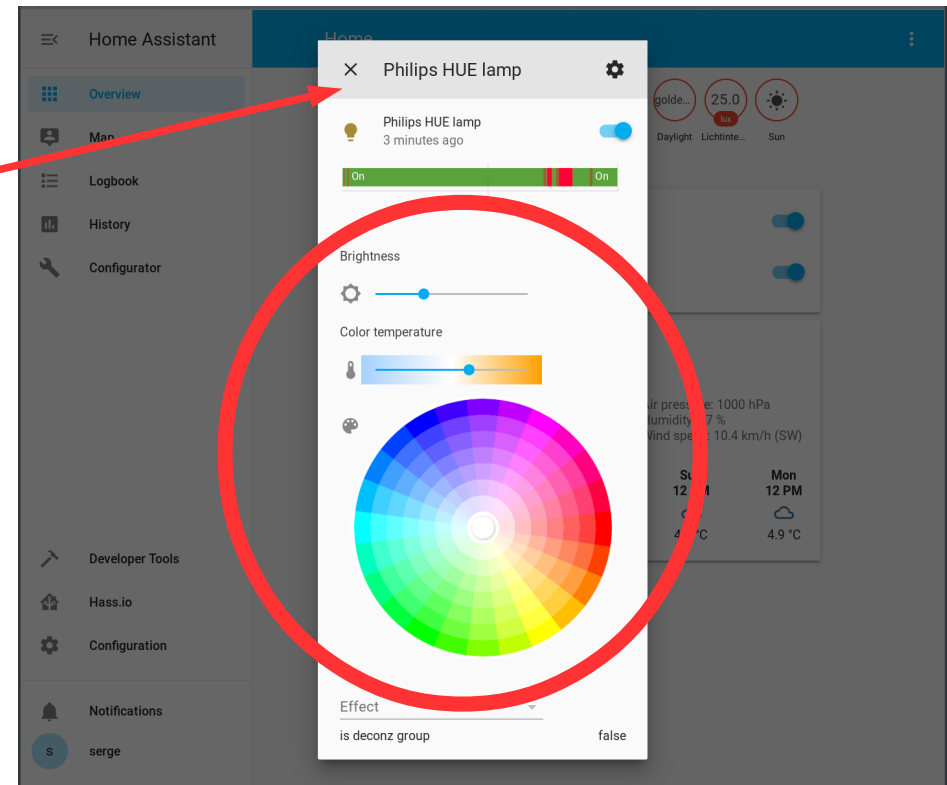
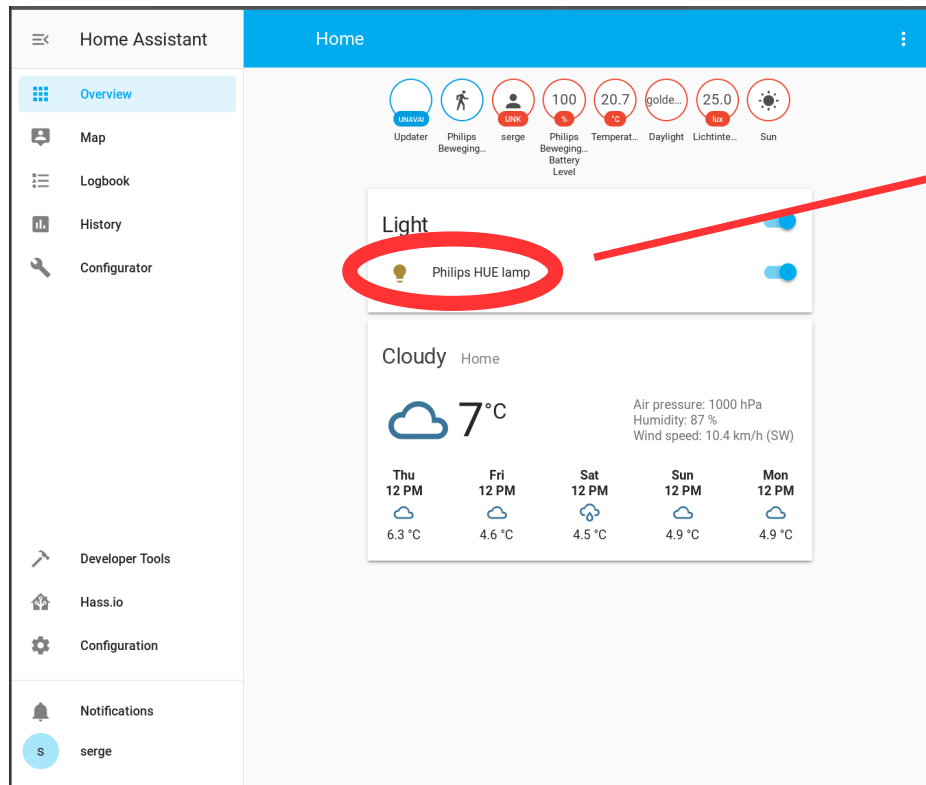


Z-Wave: rond 900 MHz



433 MHz







Home Assistant Configuration

Configure Home Assistant

Here it is possible to configure your components and Home Assistant. Not everything is possible to configure from the UI yet, but we're working on it.

- Home Assistant Cloud
- Integrations
- Devices** (circled in red)
- Users
- General
- Server Control
- Persons
- Entity Registry

Home Assistant Devices

Device	Manufacturer	Model	Area	Integration	Battery
Daylight	Philips	PHDL00	No area	deCONZ Zigbee gateway	-
Philips Bewegingsensor (circled in red)	Philips	SML001	No area	deCONZ Zigbee gateway	100%
Philips HUE lamp	Philips	LCA001	No area	deCONZ Zigbee gateway	-
Phoscon-GW	Dresden Elektronik	deCONZ	No area	deCONZ Zigbee gateway	-

Device information



NL LGG
Nederlandse Linux Gebruikers Groep

Home Assistant - Philips Bewegingssensor

Here are all the details of your device.

SML001
by Philips
Phoscon-GW

Entities

Show disabled entities

- Lichtintensiteit
sensor.motion_sensor_2
- Philips Bewegingssensor
binary_sensor.motion_sensor
- Philips Bewegingssensor Battery Level
sensor.motion_sensor_battery_level
- Temperatuur**
sensor.motion_sensor

Automations

Do something when...

- Temperatuur temperature changes
- Lichtintensiteit illuminance changes
- Philips Bewegingssensor Battery Level battery level changes

Home Assistant - Philips Bewegingssensor

Here are all the details of your device.

SML001
by Philips
Phoscon-GW

Entities

Show disabled entities

Temperatuur

Temperatuur
8 minutes ago
20.7 °C

on true

Maak automatisering



The screenshot shows the Home Assistant interface for configuring a Philips Bewegingssensor. The left sidebar contains navigation options: Overview, Map, Logbook, History, Configurator, Developer Tools, Hass.io, Configuration, and Notifications. The main content area is titled 'Philips Bewegingssensor' and lists three sensors: 'Philips Bewegingssensor' (binary_sensor.motion_sensor), 'Philips Bewegingssensor Battery Level' (sensor.motion_sensor_battery_level), and 'Temperatuur' (sensor.motion_sensor). Below this is the 'Automations' section, which is divided into 'Do something when...' and 'Only do something if...'. In the 'Do something when...' section, the option 'Philips Bewegingssensor started detecting motion' is circled in red. A red arrow points from this option to the 'New Automation' page on the right.

The screenshot shows the 'New Automation' page in Home Assistant. The left sidebar is the same as in the previous screenshot. The main content area is titled 'New Automation' and includes a description: 'Use automations to bring your home alive.' Below this is a form with a 'Name' field containing 'Schakel lamp', which is circled in red. There is also an 'Optional description' field. The 'Triggers' section is expanded, showing a 'Trigger type' dropdown set to 'Device', a 'Device' dropdown set to 'Philips Bewegingssensor', and a 'Trigger' dropdown set to 'Philips Bewegingssensor started detecting motion'. The 'Duration' field is set to '0:0:0'. At the bottom right, there is a red circle around a button with a plus sign, which is the 'ADD TRIGGER' button.

Voeg actie toe



Home Assistant

New Automation

Conditions

Conditions are an optional part of an automation rule and can be used to prevent an action from happening when triggered. Conditions look very similar to triggers but are very different. A trigger will look at events happening in the system while a condition only looks at how the system looks right now. A trigger can observe that a switch is being turned on. A condition can only see if a switch is currently on or off.

[Learn more about conditions](#)

ADD CONDITION

Actions

The actions are what Home Assistant will do when the automation is triggered.

[Learn more about actions](#)

Action type: **Call service**

Service: **light.toggle**

Service data: 1

ADD ACTION

Home Assistant

Configuration

- Integrations
Manage and setup integrations
- Devices
Manage connected devices
- Users
Manage users
- General
Change your general Home Assistant configuration
- Server Control
Restart and stop the Home Assistant server
- Persons
Manage the persons that Home Assistant tracks.
- Entity Registry
Overview of all known entities.
- Area Registry
Overview of all areas in your home.
- Automation**
Create and edit automations
- Scripts
Create and edit scripts

Missing config options? Enable advanced mode on [your profile page](#).

Trigger handmatig



Home Assistant

Automation

Automation Editor

The automation editor allows you to create and edit automations. Please follow the link below to read the instructions to make sure that you have configured Home Assistant correctly.

[Learn more about automations](#)

Schakel lamp
Last triggered: November 13, 2019, 2:06 PM

Developer Tools
Hass.io
Configuration
Notifications
serge

Home Assistant

Automation

Automation Editor

The automation editor allows you to create and edit automations. Please follow the link below to read the instructions to make sure that you have configured Home Assistant correctly.

[Learn more about automations](#)

Schakel lamp

Schakel lamp
1 minute ago

15:00 16:00

Last triggered: 2 hours ago

TRIGGER

Developer Tools
Hass.io
Configuration
Notifications
serge

Service data



Home Assistant - New Automation

Conditions

Conditions are an optional part of an automation rule and can be used to prevent an action from happening when triggered. Conditions look very similar to triggers but are very different. A trigger will look at events happening in the system while a condition only looks at how the system looks right now. A trigger can observe that a switch is being turned on. A condition can only see if a switch is currently on or off.

[Learn more about conditions](#)

ADD CONDITION

Actions

The actions are what Home Assistant will do when the automation is triggered.

[Learn more about actions](#)

Action type: Call service

Service: light.toggle

Service data: 1

ADD ACTION

Home Assistant - Developer Tools

SERVICES

light.turn_on

Entity

Service Data (YAML, optional)

1

CALL SERVICE

Turn a light on.

Parameter	Description	Example
entity_id	Name(s) of entities to turn on	light.kitchen
transition	Duration in seconds it takes to get to next state	60
rgb_color	Color for the light in RGB-format.	[255, 100, 100]
color_name	A human readable color name.	red
hs_color	Color for the light in hue/sat format. Hue is 0-360 and Sat is 0-100.	[300, 70]
xy_color	Color for the light in XY-format.	[0.52, 0.43]
color_temp	Color temperature for the light in mireds.	250
kelvin	Color temperature for the light in Kelvin.	4000
white_value	Number between 0..255 indicating level of white.	250
brightness	Number between 0..255 indicating brightness, where 0 turns the light off, 1 is the minimum brightness and 255 is the maximum brightness supported by the light.	120
brightness_pct	Number between 0..100 indicating percentage of full brightness, where 0 turns the light off, 1 is the minimum brightness and 100 is the maximum brightness supported by the light.	47
profile	Name of a light profile to use.	relax
flash	If the light should flash. Valid values are short and long.	short
effect	Light effect.	random

FILL EXAMPLE DATA

Service data



Home Assistant Developer Tools - light.turn_on

Service: light.turn_on

Entity: light.kitchen

Service Data (YAML, optional)

```
1 entity_id: light.kitchen
2 transition: 60
3 rgb_color:
4   - 255
5   - 100
6   - 100
7 color_name: red
8 hs_color:
9   - 300
10  - 70
11 xy_color:
12  - 0.52
13  - 0.43
14 color_temp: 250
15 kelvin: 4000
16
17 brightness: 120
18 brightness_pct: 47
19 profile: relax
20
21 effect: random
22
```

CALL SERVICE

Turn a light on.

Parameter	Description	Example
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Home Assistant Configuration - Schakel lamp

Conditions

Conditions are an optional part of an automation rule and can be used to prevent an action from happening when triggered. Conditions look very similar to triggers but are very different. A trigger will look at events happening in the system while a condition only looks at how the system looks right now. A trigger can observe that a switch is being turned on. A condition can only see if a switch is currently on or off.

Learn more about conditions

ADD CONDITION

Actions

The actions are what Home Assistant will do when the automation is triggered.

Learn more about actions

Action type: Call service

Service: light.toggle

1 brightness_pct: 47

ADD ACTION



Home Assistant Home

Overview

Map

Logbook

History

Configurator

Developer Tools

Hass.io

Configuration

Notifications

serge

Updater

Philips Beweging...

serge

Philips Beweging... Battery Level

100%

20.7°C

25.0°C

Daylight

Sun

Light

Philips HUE lamp

Cloudy Home

7°C

Air pressure: 1000 hPa
Humidity: 87 %
Wind speed: 10.4 km/h (SW)

Thu 12 PM	Fri 12 PM	Sat 12 PM	Sun 12 PM	Mon 12 PM
6.3 °C	4.6 °C	4.5 °C	4.9 °C	4.9 °C

Home Assistant Schakel lamp

Overview

Map

Logbook

History

Configurator

Developer Tools

Hass.io

Configuration

Notifications

serge

Philips Bewegingssensor started detecting motion

Duration

hh mm ss

0 0 0

ADD TRIGGER

Conditions

Conditions are an optional part of an automation rule and can be used to prevent an action from happening when triggered. Conditions look very similar to triggers but are very different. A trigger will look at events happening in the system while a condition only looks at how the system looks right now. A trigger can observe that a switch is being turned on. A condition can only see if a switch is currently on or off.

[Learn more about conditions](#)

ADD CONDITION

Actions

The actions are what Home Assistant will do when the automation is triggered.

[Learn more about actions](#)

Action type

Call service

Service

light.toggle



The screenshot shows the 'Conditions' configuration page for an automation named 'Schakel lamp'. The left sidebar contains navigation options: Overview, Map, Logbook, History, and Configurator. The main content area has a title 'Conditions' and a descriptive paragraph. Below the text is a link 'Learn more about conditions'. A form is used to define a condition: 'Condition type' is set to 'Device', 'Device' is 'Philips Bewegingssensor', and 'Condition' is 'Current Lichtintensiteit illuminanc'. The operator is set to 'above' with a value of '0 lux'. A second condition is partially visible with 'below' and '1 lux'. An 'ADD CONDITION' button is at the bottom. The 'Actions' section is partially visible at the bottom.

The screenshot shows the 'Developer Tools' page in Home Assistant. The 'STATES' tab is selected and circled in red. Below the title, there is a description: 'Set the representation of a device within Home Assistant. This will not communicate with the actual device.' There are input fields for 'Entity' and 'State', and a 'SET STATE' button. Below this is a table of 'Current entities'.

Entity	State	Attributes
automation.schakel_lamp	on	last_triggered: 2019-11-13T13:06:17.270418+00:00 id: 1573657906331 friendly_name: Schakel lamp
binary_sensor.motion_sensor	off	on: true friendly_name: Philips Bewegingssensor device_class: motion
binary_sensor.updater	unavailable	friendly_name: Updater
group.all_automations	on	entity_id: automation.schakel_lamp order: 1 auto: true friendly_name: all automations



- Officieel
- USB stick klaarmaken
<https://www.home-assistant.io/hassio/installation/>
- NetworkManager bestand maken
<https://github.com/home-assistant/hassos/blob/dev/Documentation/network.md>

- Via console
- Login als root, geen wachtwoord nodig
- Tik commando in:
`login`
- Voer NetworkManager commando uit:
`nmcli device wifi connect "je_ssid"
password "je_wachtwoord"`