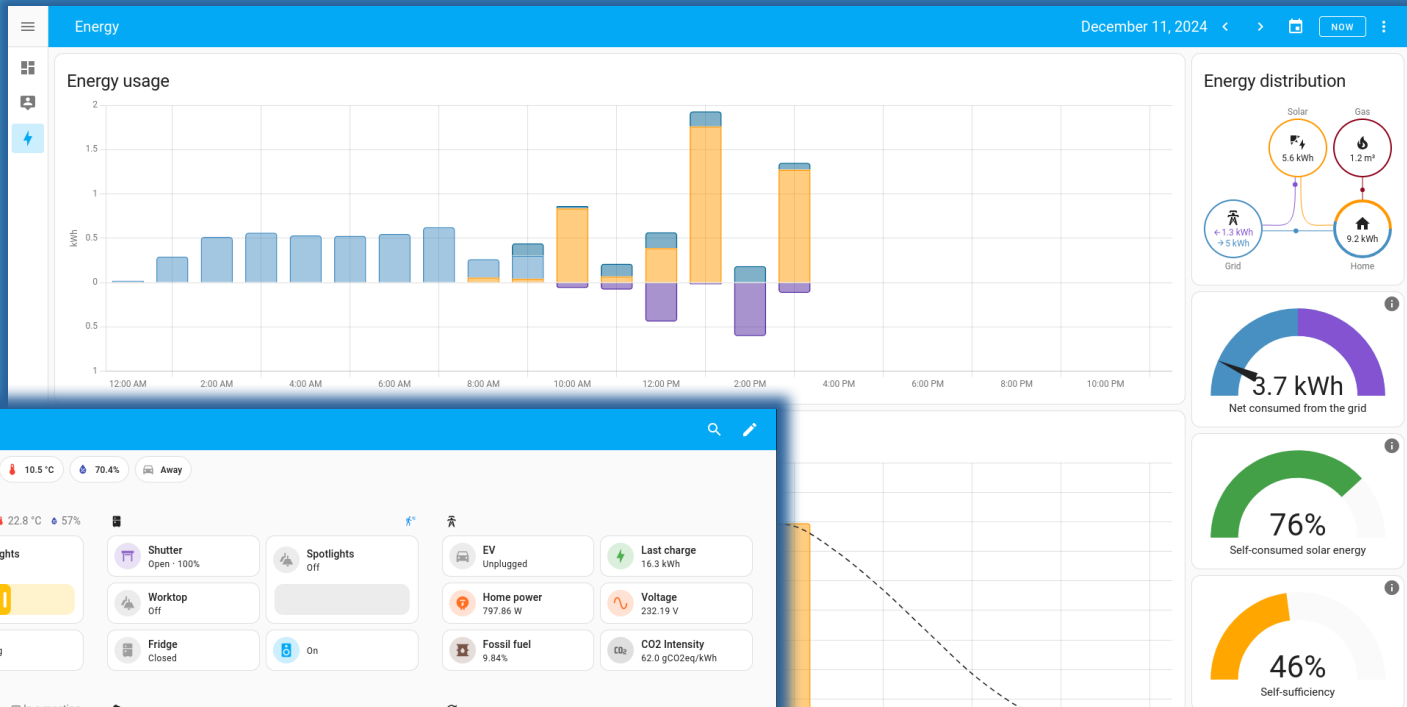




Home Assistant

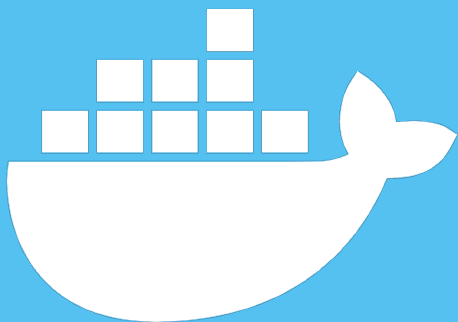


What?





Installing Home Assistant



docker



Home Assistant



docker

Enable Docker

```
# homeassistant-config.nix
{ config, lib, pkgs, ... }:
{
  virtualisation.docker.enable = true;
  users.extraGroups.docker.members = [ "root" ];
}
```



```
# router-network.nix
...
firewall.extraCommands = ''
  ...
  iptables -A OUTPUT -d 54.227.20.253 -j ACCEPT
  iptables -A OUTPUT -d 54.236.113.205 -j ACCEPT
  iptables -A OUTPUT -d 54.198.86.24 -j ACCEPT
  ...
```



Pull Home Assistant

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



```
# compose.yml
services:
  homeassistant:
    container_name: homeassistant
    image: "ghcr.io/home-assistant/home-assistant:stable"
    volumes:
      - /home/root/homeassistant_config:/config
      - /etc/localtime:/etc/localtime:ro
      - /run/dbus:/run/dbus:ro
    restart: unless-stopped
    privileged: true
    network_mode: host
```



```
VBoxManage modifyvm "vmopsatteam03-05" --nat-pf1 "ssh,tcp,,60351,,8123"
```





```
cd /root/homeassistant_config;  
openssl req -sha256 -addext "subjectAltName = IP:192.168.3.5" -newkey rsa:4096 -nodes -keyout pri'  
# und danach alle Prompts für Country Code, Mail, ... ausfüllen
```

```
...  
# add https certificate  
http:  
  ssl_certificate: /config/fullchain.pem  
  ssl_key: /config/privkey.pem
```




Configuring Home Assistant

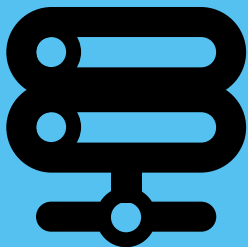


Configuring





Database



Database

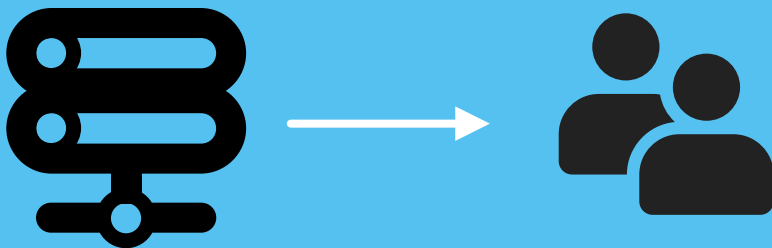
Home Assistant uses databases to store events and parameters for history and tracking. The default database used is [SQLite](#).

```
recorder:  
  purge_keep_days: 30  
  db_url: mysql://team3:192.168.4.5/databaseTeam3
```





Users



Add user

Display name*

ge96xok

Username*

ge96xok

Password*

Confirm password*

Local access only

Can only log in from the local network

Administrator

Administrators can manage users, devices, automations and dashboards.

CREATE

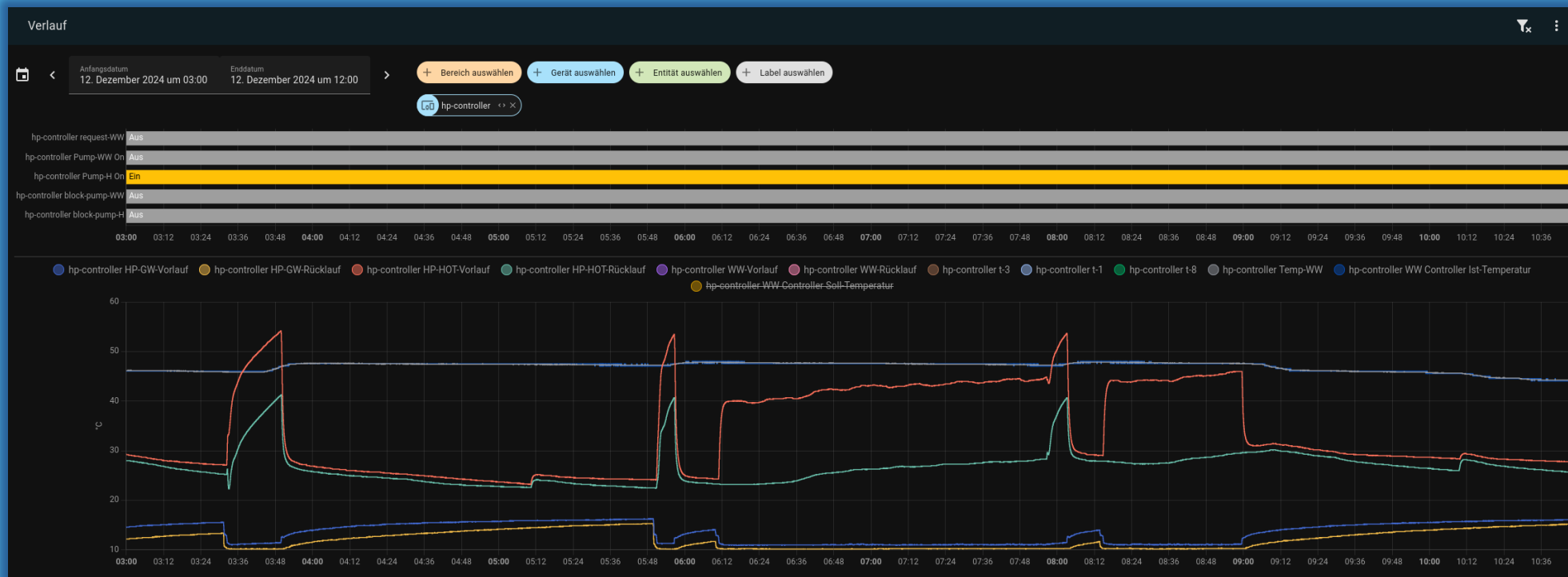


What Else?





Database + Sensors



Testing

```
# check if docker is installed
if command -v docker 2>&1 >/dev/null; then
|     ...
# check if docker config exists
if [ -f /root/compose.yml ]; then
|     ...
# check if homeassistant docker container is running
if [ "$( docker container inspect -f '{{.State.Status}}' $container_name )" = "running" ]; then
|     ...
# check curl connection
status=$(curl -X GET -o - -I http://131.159.74.56:60351/ | head -n 1)
if [[ $status =~ "200" ]]; then
|     ...
```



And now you know

Home Assistant

(and how to install it)