

Docker: Homeassistant

Homeassistant is a powerful Homeautomation- Software you can get from here: <https://www.home-assistant.io/>

Docker

In your Docker- Compose Directory, create the folder homeassistant and a new file docker - compose . yml as always and add:

```
services:
  homeassistant:
    image: "ghcr.io/home-assistant/home-assistant:stable"
    volumes:
      - /etc/localtime:/etc/localtime:ro
      - homeassistant_config:/config
      - /run/dbus:/run/dbus:ro
    ports:
      - 8123:8123
    restart: unless-stopped
#   environment : {}
    networks:
      - default

volumes:
  homeassistant_config:

networks:
# Still needs to be defined while without it won't enable ipv6
  default:
    driver: bridge
    enable_ipv6: true
```

Thats all - you can start Homeassistant.

Caddy integration

After getting a subdomain for homeassistant, add to your Caddyfile:

```
# Homeassistant
https://homeassistant.domain.tld:443 {
    header Strict-Transport-Security max-age=31536000;
    reverse_proxy dockerstack-homeassistant-1:8123
}
```

And Restart your Caddy- Container.

If you get 400: Bad Request with your HA- Logs saying no proxy configured, got to the config-volume of ha and add to `configuration.yaml` the following lines:

```
http:
  use_x_forwarded_for: true
  trusted_proxies:
    - XXX.XXX.XXX.XXX # Add the IP address of the proxy server
```

Where that address really needs to be the IPv4 of the docker Container, not the external IP and also not its name in Docker.

Furtunately you can give the Network- Mask, so 172.19.0.0/16 will work too.

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