

Heimdall

Defining Services

Creating a Heimdall service using docker-compose can be done with the below basic docker-compose.yml -

```
---
version: "2"
services:
  heimdall:
    image: linuxserver/heimdall
    container_name: heimdall
    environment:
      - PUID=65522
      - PGID=65522
      - TZ=Europe/London
    volumes:
      - ./config:/config
    ports:
      - 8080:80
    restart: unless-stopped
```

Further customization of the default user and other users can be done within the app itself. Once logged in, set a password for the admin and decide if you want public view on or off. Its important to note that the Heimdall dashboards are user-specific, and act according to their users settings.

Before starting your service, you should take note of the port that your local host will pass to this container. (`local:container`). Also be sure to mount the volumes you wish to further configure / modify, so you will have easy access to them. To do this, just add a volume to the list above -

```
volumes:
  - ./config:/config
  - /etc/docker-heimdall/:/config
```

The above added volume will also mount the `/config` directory on the container to the `/etc/docker-heimdall/` directory on our local host. This feature can be used to store directories in such a way that will make backing up our service and its files much easier.

Stopping / Starting Heimdall

Create a directory to store your Heimdall configuration files and / or mounted volumes, and within it insert a `docker-compose.yml` file with the above contents and run `docker-compose up -d`. This will start the services we defined, mount the volumes specified, along the ports we set in the `docker-compose.yml`. This file can be further modified to suit the needs of your application / local server. Adding mounted volumes is a useful feature when planning your service, since these directories will be available locally they will be easy to backup and modify.

Starting defined services -

```
admin@host:~/heimdall$ docker-compose up -d
Creating network "heimdall_default" with the default driver
Creating heimdall ... done
admin@host:~/heimdall$
```

Stop and remove created containers / networks -

```
admin@host:~/heimdall$ docker-compose down
Stopping heimdall ... done
Removing heimdall ... done
Removing network heimdall_default
admin@host:~/heimdall$
```

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