

Swarmpit Docker

Link: <https://github.com/swarmpit/swarmpit#installation> <https://swarmpit.io/>

swarmpit

Lightweight mobile-friendly Docker Swarm management UI

⚠ **Status:** This UI is in maintenance mode. Click [here](#) for details.

[version gitter](#) [Test, Build & Deploy PRs](#) [Welcome Financial Contributors on Open Collective](#)

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Swarmpit provides simple and easy to use interface for your Docker Swarm cluster. You can manage your stacks, services, secrets, volumes, networks etc. After linking your Docker Hub account or custom registry, private repositories can be easily deployed on Swarm. Best of all, you can share this management console securely with your whole team.

Swarmpit doesn't compromise your privacy as it is completely self-hosted and will never gather any metrics or other data from you.

More details about future and past releases can be found in [ROADMAP.md](#)

[opencollective](#)

Installation

The only dependency for Swarmpit deployment is Docker with Swarm initialized, we are supporting Docker 1.13 and newer. Linux hosts on x86 and ARM architectures are supported as well.

Package installer

Installer is your guide to setup Swarmpit platform. For more details see the [installer](#)

Stable version

Deploy our current milestone version

```
docker run -it --rm \  
  --name swarmpit-installer \  
  --volume /var/run/docker.sock:/var/run/docker.sock \  
  swarmpit/install:1.9
```

Edge version

Deploy latest version for the brave and true

```
docker run -it --rm \  
  --name swarmpit-installer \  
  --volume /var/run/docker.sock:/var/run/docker.sock \  
  swarmpit/install:edge
```

Manual installation

Deploy Swarmpit by using a compose file from our git repo with branch of corresponding version.

```
git clone https://github.com/swarmpit/swarmpit -b master  
docker stack deploy -c swarmpit/docker-compose.yml swarmpit
```

For ARM based cluster use custom compose file.

```
git clone https://github.com/swarmpit/swarmpit -b master  
docker stack deploy -c swarmpit/docker-compose.arm.yml swarmpit
```

[This stack](#) is a composition of 4 services:

- app - Swarmpit
- [agent](#) - Swarmpit agent
- db - CouchDB (Application data)
- influxdb - InfluxDB (Cluster statistics)

Feel free to edit the stackfile to change an application port and we strongly recommend to specify following volumes:

- db-data
- influxdb-data

to shared-volume driver type of your choice. Alternatively, you can link db service to the specific node by using [constraint](#).

Swarmpit is published on port `888` by default.

Environment Variables

Refer to following [document](#)

User Configuration

By default Swarmpit offers you to configure first user using web interface. If you want to automate this process, you can use docker config to provide users.yaml file.

Refer to following [document](#) for details.

User Types

Refer to following [document](#)

Development

Swarmpit is written purely in Clojure and utilizes React on front-end. CouchDB is used to persist application data & InfluxDB for cluster statistics.

Everything about building, issue reporting and setting up development environment can be found in [CONTRIBUTING.md](#)

Demo

[Try in PWD](#)

Deploys Swarmpit to play-with-docker sandbox. Please wait few moments till application is up and running before accessing port 888. Initialization might take a few seconds.

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