

Deploy to Docker with Swarm

Overview

This type of deployment is typically used for production: tools such as failover and horizontal scaling can be used with this environment.

For deploying Yellowfin in a Docker Swarm environment, we recommend using Docker Stacks to run the included deployment files to deploy Yellowfin.

Choose your preferred deployment from the table below, then follow the instructions.

Deployment	Image	Description
Yellowfin sandbox	All-In-One	A self-contained instance of Yellowfin. This is the simplest type of deployment. All content will be lost when the container is destroyed.
Yellowfin single instance	App-Only	A single instance with a separate database, so data stored in the database will not be lost when the container is destroyed.
Yellowfin multiple discrete instances	App-Only	Multiple instances each with their own dedicated database. This could be used to stage a development environment and a production environment during a proof of concept.
Yellowfin cluster	App-Only	Multiple instances sharing a single database to form a Yellowfin cluster. This could be used to stage a clustered environment during a proof of concept.

[top](#)

Section navigation

Current topic - Install in a Container

The page is part of the [Install in a Container](#) topic contains the following pages, split by Docker and Kubernetes:

[Deploy to Docker with Swarm](#)

- [Deploy to Docker without Swarm](#)
 - [Sandbox Instance with All-In-One Image](#)
 - [Single Instance with App-Only Image](#)
 - [Multiple Discrete Instances with App-Only Image](#)
 - [A Cluster with App-Only Image](#)
- [Deploy to Docker with Swarm](#)
 - [Sandbox instance with All-In-One Image - Swarm](#)
 - [Single Instance with App-Only Image - Swarm](#)
 - [Multiple Discrete Instances with App-Only Image - Swarm](#)
 - [A Cluster with App-Only Image - Swarm](#)

[Kubernetes](#)

- [Deploy to Kubernetes without load balancing](#)
 - [Sandbox Instance with All-In-One Image - no Load Balancer](#)
 - [Multiple Discrete Instances with App-Only Image - no Load Balancer](#)
- [Deploy to Kubernetes with Load Balancing](#)
 - [Single Instance with App-Only Image and Load Balancer](#)
 - [A Cluster with App-Only Image and Load Balancer](#)

This page is part of the [Install And Deploy Yellowfin](#) section of the wiki, which has these topics:

Install on Premises

[Deploy to Docker with Swarm](#)

- [Installation Steps](#)

Install in the Cloud

[Install in the Cloud](#)

- [Yellowfin for AWS](#)
- [Yellowfin for Azure](#)
- [Yellowfin for Google Cloud Platform](#)

Install in a container

[Install in a Container](#)

- [Docker](#)
- [Kubernetes](#)
- [Upgrading Yellowfin Container Deployment](#)

Deploy Yellowfin

[Deploy Yellowfin](#)

- [Logs and Logging](#)
- [Yellowfin Directory Structure](#)
- [User Welcome](#)

Advanced Deployments

[Advanced Deployments](#)

- [Clustering Guide](#)
- [Yellowfin Server Specification](#)
- [Automate Yellowfin Deployment on Linux](#)
- [SAML Bridge](#)
- [Standalone Configuration Tools](#)

[top](#)
