

Deploy to Kubernetes without load balancing

Overview

This type of deployment can be used for proof-of-concept, development or production: tools such as failover and horizontal scaling can be used with this environment, but it does not contain a reverse proxy or load balancer for sticky sessions.

For production deployments, we **highly recommend** installing one of these tools (see our other examples for how to deploy Yellowfin on Kubernetes with Traefik; if you use a different tool or if you wish to deploy Yellowfin without these tools, you're welcome to use these wiki pages as a guide, replacing Traefik information with your own toolset).

However, if you prefer to deploy Yellowfin on Kubernetes without a load balancer or reverse proxy, you can follow the steps in this section of the wiki.



Single Yellowfin instance deployments don't require load balancing nor a reverse proxy, as they are already stand-alone.



Yellowfin cluster deployments require a load balancer or a reverse proxy so that sticky sessions are available.

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 Kubernetes without load balancing](#)

- [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 Kubernetes without load balancing](#)

- [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](#)
