

# Installing Jenkins with Docker

You should have [Docker](#) properly installed on your machine. Check [Docker installation guide](#) for details.

First, pull the official [jenkins](#) image from Docker repository.

```
docker pull jenkins
```

Next, run a container using this image and map data directory from the container to the host; e.g in the example below `/var/jenkins_home` from the container is mapped to `jenkins/` directory from the current path on the host. Jenkins 8080 port is also exposed to the host as 49001.

```
docker run -d -p 49001:8080 -v $PWD/jenkins:/var/jenkins_home:z -t jenkins/jenkins
```

Additionally, you can configure [nginx](#) as a reverse proxy to your Jenkins instance, e.g.

```
upstream app {
    server 127.0.0.1:49001;
}
server {
    listen 80;
    server_name jenkins.your-domain.com;

    location / {
        proxy_pass http://app;
    }
}
```