

BigCapital

[Link](#)

Steps to deploy Bigcapital using docker-compose

1. Download the required files.

In a directory of your choosing, clone the Bigcapital repository and navigate into the `./bigcapital` directory by entering the following commands:

```
git clone --depth 1 -b main https://github.com/bigcapitalhq/bigcapital.git && cd ./bigcapital
```

The most important files in the docker deployment the `docker-compose.prod.yml`, `.env.example` and `docker` folder, we're not going to build docker images of the application from scratch, but docker-compose already imports built images from Github Registry where our continuous-deployment push the new built images when we release new versions.

2. Configure the `.env` file.

Change all mail variables to configure it with your mail server and the password of databases.

```
cp .env.example .env && nano .env
```

For example, you can change :

```
BASE_URL=http://192.168.1.103:2465
PUBLIC_PROXY_PORT=2465
PUBLIC_PROXY_SSL_PORT=1443
```

- 2b. Configure `docker-compose.prod.yml`

Reflect your changes in `.env`

```
ports:
  - '${PUBLIC_PROXY_PORT:-2465}:80'
  - '${PUBLIC_PROXY_SSL_PORT:-1443}:443'
```

You can use bind mounts for data persistency.

3. Get the services up and running.

```
docker-compose --file docker-compose.prod.yml up -d
```

Changing `.env` values after running Docker containers

Once the Docker containers are built and running, the application inside the container has already read the values from the `.env` file and is using them. If you need to change the environment variable values, you will have to stop and re-start the Bigcapital containers.

If you were on **production**, use the following command.

```
docker-compose --file docker-compose.prod.yml restart
```

Or if you were on **development** mode.

```
docker-compose restart
```

info

The `.env.example` file contains all the necessary environment variable values, allowing you to begin using the application directly with these pre-configured settings. You also have the option to modify the values as needed.

3. Get the services up and running.

```
docker-compose --file docker-compose.prod.yml up -d
```

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