

## Contents

## Setup:Installation Guide/Docker/Docker Hub

A [quality version](#) of this page, [approved](#) on *5 July 2021*, was based off this revision.

The easiest way to run BlueSpice free is to install it with an all-in-one Docker image. All required services are preconfigured.

[You can find all necessary information directly on Docker Hub.](#)

### How to use the Docker Hub image

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#### Basic usage

Example for quick start. Blue Spice will be accessible only in localhost.

```
dockerrun -d -p 80:80 bluespice/bluespice-free
```

#### Keep your data outside of the docker

```
docker run -d -p 80:80 -v {/my/data/folder}:/data bluespice/bluespice-free
```

#### Setting BlueSpice language and URL

```
docker run -d -p 80:80 -v {/my/data/folder}:/data -e "bs_lang=en" -e "bs_url=http://www.domain.com" bluespice/bluespice-free
```

#### Activating SSL

Using SSL inside the Blue Spice docker image, the `data` directory should be outside of the docker. Create a folder named `cert` inside your data folder. Inside this folder, certificates must be named like:

- `ssl.cert` (SSL certificate. *mandatory*)
- `ssl.key` (Private key of `ssl.cert` . *mandatory*)
- `ssl.ca` (3rd party CA certs for `ssl.cert` . *optional*) If everything is ready for the first run, just run the following command:

```
docker run -d -p 80:80 -p 443:443 -v {/my/data/folder}:/data -e "bs_lang=en" -e "bs_url=https://www.domain.com" bluespice/bluespice-free
```

*Note: Port 443 includes the command and also `$bs_url` schema changed to `https`*

## Login to BlueSpice

```
username: WikiSysop
password: PleaseChangeMe
```

## Which services are running?

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- Apache
- PHP-FPM
- Jetty9
- Elasticsearch
- MySQL/MariaDB
- Parsoid
- crond
- memcached

## Manually updating the Docker image

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BlueSpice 3.1.2 has no automatic upgrade feature.

[See: Manual upgrade process and how to fix some known issues.](#)