

## Grafana Docker image

This topic contains instructions for installing Grafana using the Docker image.

### Run the Grafana Docker container

Start the Docker container by binding Grafana to external port 3000.

```
docker run -d --name=grafana -p 3000:3000 grafana/grafana
```

Try it out, default admin user credentials are admin/admin.

Further documentation can be found at <http://docs.grafana.org/installation/docker/>.

### Changelog

#### v8.3.0-beta2

- Our Alpine based images have been upgraded to Alpine 3.14.3 #41922 @hairyhenderson
- Our Go build image has been upgraded to Go 1.17.2 #41922 @hairyhenderson

#### v8.2.6

- **Security:** Upgrade Alpine based images to 3.14.3. #42061, @dsotirakis
- **Security:** Upgrade Go to 1.17.2. #42427, @idafurjes

#### v7.3.0-beta1

- OpenShift compatibility. #27813, @xlson

#### v7.0.0-beta3

- Our Alpine based images have been upgraded to Alpine 3.11

#### v7.0.0-beta1

- Our Ubuntu based images have been upgraded to Ubuntu 20.04 LTS

#### v6.5.0-beta1

- Build and publish an additional Ubuntu based docker image. #20196, @aknuds1
- Build and use musl-based binaries in alpine images to resolve glibc incompatibility issues. #19798, @aknuds1
- Add additional glibc dependencies to support certain backend plugins in alpine. #20214, @briangann

#### **v6.4.0-beta1**

- Switched base image from Ubuntu:18.04 to Alpine:3.10.

#### **v6.3.0-beta2**

- Switched base image from Ubuntu:latest to Ubuntu:18.04.

#### **v6.3.0-beta1**

- Switched base image to Ubuntu:latest from Debian:stretch to avoid security issues.

#### **v5.4.3**

- Added ability to build and publish Docker images for armv7 and arm64, #14617, thx @johanneswuerbach.

#### **v5.3.2**

- Added Curl back into the Docker image for utility, #13794.

#### **v5.3.0-beta1**

- Made it possible to set a specific plugin URL, #12861, thx ClementGautier.

#### **v5.1.5, v5.2.0-beta2**

- Fixed: config keys ending with `_FILE` are not respected #170.

#### **v5.2.0-beta1**

- Added support for Docker secrets.

#### **v5.1.0**

- Major restructuring of the container.
- Removed usage of `chown`.
- Fixed file permissions incompatibility with previous versions.
  - user id changed from 104 to 472.
  - group id changed from 107 to 472.
- Runs as the Grafana user by default (instead of root).
- Removed all default volumes.

#### **v4.2.0**

- Plugins are now installed into `${GF_PATHS_PLUGINS}`.
- Building the container now requires a full URL to the Debian package instead of just the version.

- Fixed bug caused by installing multiple plugins.

#### **v4.0.0-beta2**

- Plugins dir (`/var/lib/grafana/plugins`) is no longer a separate volume.

#### **v3.1.1**

- Made it possible to install specific plugin version <https://github.com/grafana/grafana-docker/issues/59#issuecomment-260584026>.