

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>.