

Grafana Installation

```
## system update  
apt update
```

```
## Install dependencies for grafana  
#sudo apt-get install -y apt-transport-https software-properties-common
```

```
sudo apt install -y gnupg2 curl software-properties-common
```

```
root@trivyserver:~# sudo apt-get install -y apt-transport-https software-properties-common  
Reading package lists... Done  
Building dependency tree... Done  
Reading state information... Done  
apt-transport-https is already the newest version (2.4.11).  
The following additional packages will be installed:  
  python3-software-properties software-properties-gtk  
The following packages will be upgraded:  
  python3-software-properties software-properties-common software-properties-gtk  
3 upgraded, 0 newly installed, 0 to remove and 17 not upgraded.  
Need to get 114 kB of archives.  
After this operation, 6,144 B of additional disk space will be used.  
Get:1 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 software-properties-common all 0.99.22.8 [14.1 kB]  
Get:2 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 software-properties-gtk all 0.99.22.8 [71.3 kB]  
Get:3 http://us.archive.ubuntu.com/ubuntu jammy-updates/main amd64 python3-software-properties all 0.99.22.8 [28.8 kB]  
Fetched 114 kB in 2s (48.5 kB/s)  
(Reading database ... 205797 files and directories currently installed.)  
Preparing to unpack .../software-properties-common_0.99.22.8_all.deb ...  
Unpacking software-properties-common (0.99.22.8) over (0.99.22.7) ...  
Preparing to unpack .../software-properties-gtk_0.99.22.8_all.deb ...  
Unpacking software-properties-gtk (0.99.22.8) over (0.99.22.7) ...  
Preparing to unpack .../python3-software-properties_0.99.22.8_all.deb ...  
Unpacking python3-software-properties (0.99.22.8) over (0.99.22.7) ...  
Setting up software-properties-common (0.99.22.8) ...  
Setting up python3-software-properties (0.99.22.8) ...  
Setting up software-properties-gtk (0.99.22.8) ...
```

```
## Add Grafana gpg key which allows you to install signed packages.
```

```
curl -fsSL https://packages.grafana.com/gpg.key | sudo gpg  
--dearmor -o /etc/apt/trusted.gpg.d/grafana.gpg
```

```
root@trivyserver:~# wget -q -O - https://packages.grafana.com/gpg.key | sudo apt-key add -  
Warning: apt-key is deprecated. Manage keyring files in trusted.gpg.d instead (see apt-key(8)).  
OK
```

```
## Install grafana repository
```

```
sudo add-apt-repository "deb  
https://packages.grafana.com/oss/deb stable main"
```

```

root@trivyserver:~# wget -q -O - https://packages.grafana.com/gpg.key | sudo apt-key add -
Warning: apt-key is deprecated. Manage keyring files in trusted.gpg.d instead (see apt-key(8)).
OK
root@trivyserver:~# sudo add-apt-repository "deb https://packages.grafana.com/oss/deb stable main"
Repository: 'deb https://packages.grafana.com/oss/deb stable main'
Description:
Archive for codename: stable components: main
More info: https://packages.grafana.com/oss/deb
Adding repository.
Press [ENTER] to continue or Ctrl-c to cancel.
Adding deb entry to /etc/apt/sources.list.d/archive_uri-https_packages_grafana_com_oss_deb-jammy.list
Adding disabled deb-src entry to /etc/apt/sources.list.d/archive_uri-https_packages_grafana_com_oss_deb-jammy.list
Get:1 https://packages.grafana.com/oss/deb stable InRelease [5,983 B]
Get:2 https://packages.grafana.com/oss/deb stable/main amd64 Packages [175 kB]
Hit:3 https://aquasecurity.github.io/trivy-repo/deb jammy InRelease
Hit:4 http://us.archive.ubuntu.com/ubuntu jammy InRelease
Get:5 http://us.archive.ubuntu.com/ubuntu jammy-updates InRelease [119 kB]
Hit:6 http://us.archive.ubuntu.com/ubuntu jammy-backports InRelease
Get:7 http://security.ubuntu.com/ubuntu jammy-security InRelease [110 kB]
Fetched 410 kB in 12s (33.8 kB/s)
Reading package lists... Done
W: https://packages.grafana.com/oss/deb/dists/stable/InRelease: Key is stored in legacy trusted.gpg keyring (/etc/apt/trusted.gpg), see the DEPRECATION section in apt-key(8) for details.
N: Skipping acquire of configured file 'main/binary-i386/Packages' as repository 'https://packages.grafana.com/oss/deb stable InRelease' doesn't support architecture 'i386'
W: https://aquasecurity.github.io/trivy-repo/deb/dists/jammy/InRelease: Key is stored in legacy trusted.gpg keyring (/etc/apt/trusted.gpg), see the DEPRECATION section in apt-key(8) for details.
Reading package lists... Done
Building dependency tree... Done

```

```

## again update system
## Install grafana package
apt install grafana -y

```

```

## Enable, start & check grafana status

```

```

sudo systemctl enable --now grafana-server

```

```

sudo systemctl start --now grafana-server

```

```

sudo systemctl status --now grafana-server

```

```

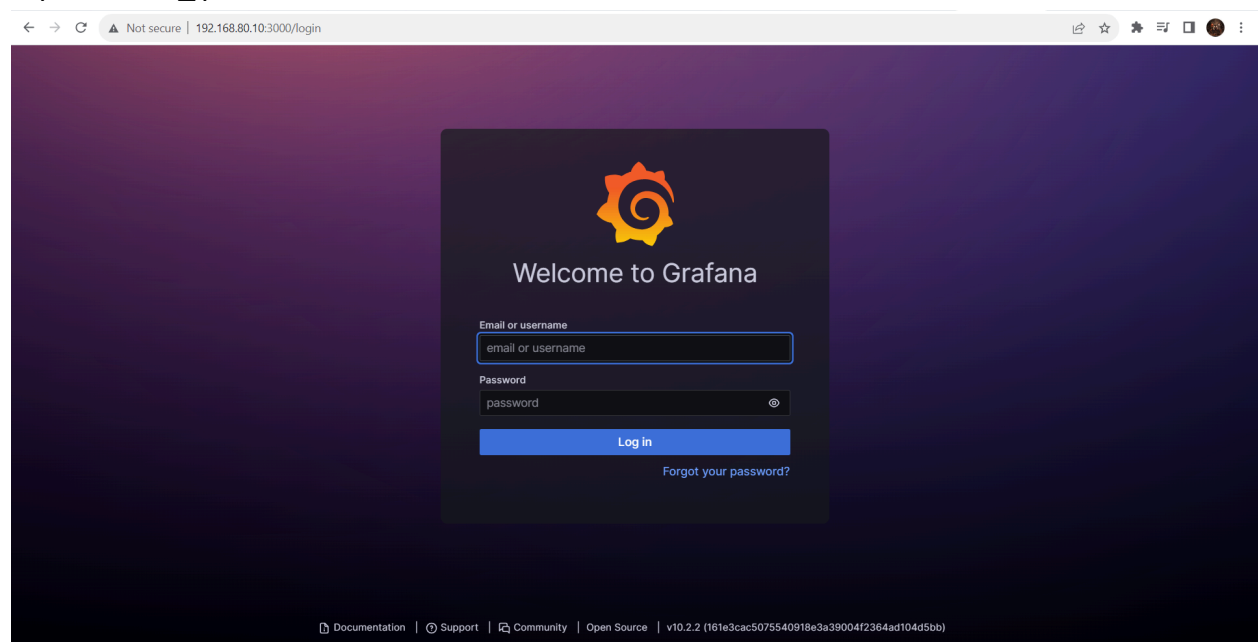
root@trivyserver:~# sudo systemctl enable --now grafana-server
Synchronizing state of grafana-server.service with SysV service script with /lib/systemd/systemd-sysv-install.
Executing: /lib/systemd/systemd-sysv-install enable grafana-server

Created symlink /etc/systemd/system/multi-user.target.wants/grafana-server.service → /lib/systemd/system/grafana-server.service.
root@trivyserver:~# sudo systemctl status --now grafana-server
● grafana-server.service - Grafana instance
   Loaded: loaded (/lib/systemd/system/grafana-server.service; enabled; vendor preset: enabled)
   Active: active (running) since Tue 2023-12-05 04:15:14 EST; 10s ago
     Docs: http://docs.grafana.org
    Main PID: 20626 (grafana)
      Tasks: 6 (limit: 4599)
    Memory: 37.6M
       CPU: 477ms
    CGroup: /system.slice/grafana-server.service
            └─20626 /usr/share/grafana/bin/grafana server --config=/etc/grafana/grafana.ini --pidf

```

login dashboard on browser

http://<server_ip>:3000



Default user_id - admin

Password - admin