SetUp Grafana, Prometheus, Node Exporter, Loki and Promtail on Ubuntu

**Install Grafana Enterprise:**

<https://grafana.com/docs/grafana/latest/setup-grafana/installation/debian/>

Enable user sign up and other settings  
<https://www.digitalocean.com/community/tutorials/how-to-install-and-secure-grafana-on-ubuntu-22-04>

Nginx for reverse proxy settings refer   
<https://utho.com/docs/tutorial/how-to-install-grafana-on-ubuntu-20-04/>

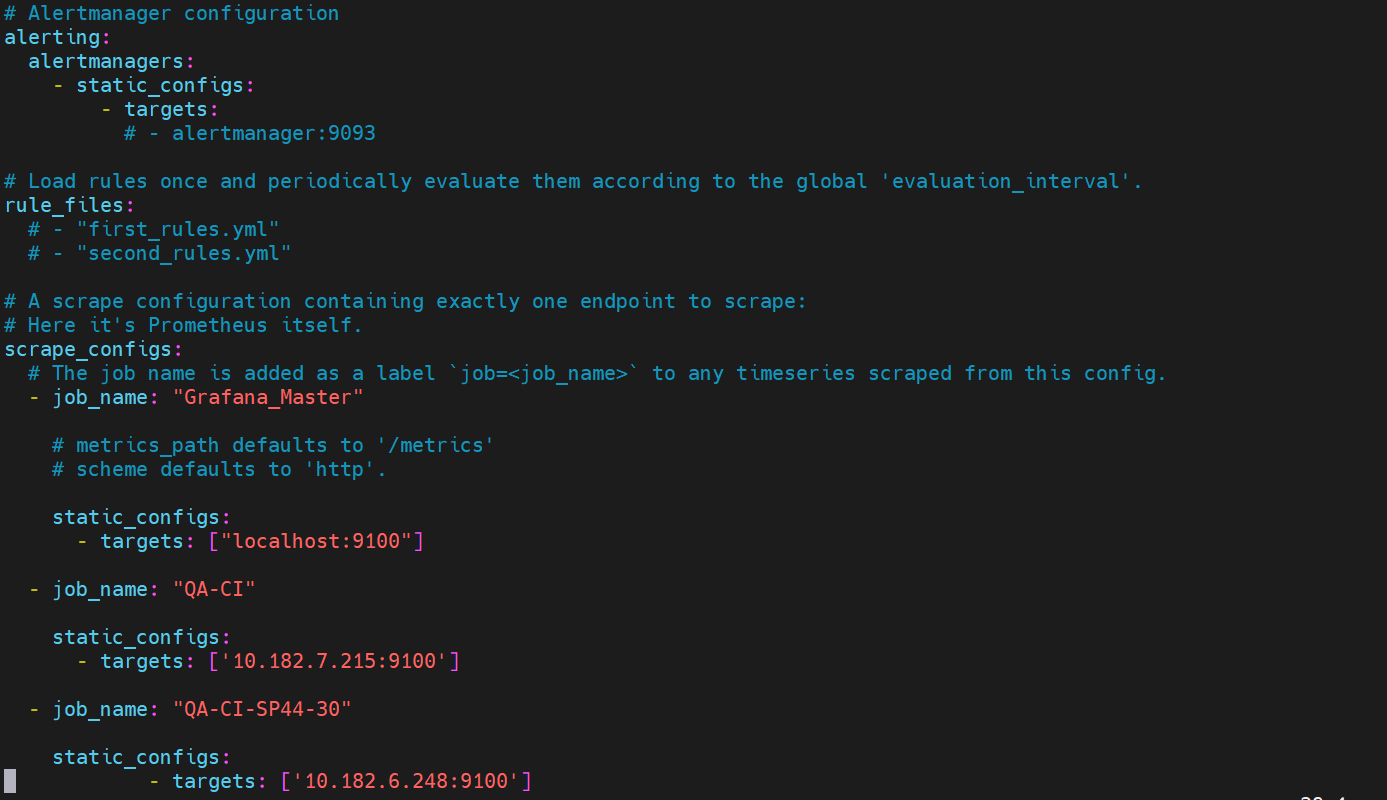
**Grafana Dashboard credentials:**

<http://54.173.121.30:3000/login>Username: Admin

Password: Ilantus@2023

**Install and configure Prometheus.**  
<https://www.cherryservers.com/blog/install-prometheus-ubuntu>

# sudo vim /etc/Prometheus/Prometheus.yml



#my global config

global:

scrape\_interval: 15s # Set the scrape interval to every 15 seconds. Default is every 1 minute.

evaluation\_interval: 15s # Evaluate rules every 15 seconds. The default is every 1 minute.

# scrape\_timeout is set to the global default (10s).

# Alertmanager configuration

alerting:

alertmanagers:

- static\_configs:

- targets:

# - alertmanager:9093

# Load rules once and periodically evaluate them according to the global 'evaluation\_interval'.

rule\_files:

# - "first\_rules.yml"

# - "second\_rules.yml"

# A scrape configuration containing exactly one endpoint to scrape:

# Here it's Prometheus itself.

scrape\_configs:

# The job name is added as a label `job=<job\_name>` to any timeseries scraped from this config.

- job\_name: "Grafana\_Master"

# metrics\_path defaults to '/metrics'

# scheme defaults to 'http'.

static\_configs:

- targets: ["localhost:9100"]

- job\_name: "QA-CI"

static\_configs:

- targets: ['10.182.7.215:9100']

- job\_name: "QA-CI-SP44-30"

static\_configs:

- targets: ['10.182.6.248:9100', ‘<another\_Server>’]

**Install and configure node exporter on ubuntu, Refer**   
<https://ourcodeworld.com/articles/read/1686/how-to-install-prometheus-node-exporter-on-ubuntu-2004>

Note: Import Node exporter dashboard with **11074** dashboard ID.

A screenshot of a computer

Description automatically generated

**Install and configure Loki on ubuntu Server.**

**s**<https://github.com/grafana/loki/releases/>

# wget <https://github.com/grafana/loki/releases/download/v2.9.1/promtail_2.9.1_amd64.deb># dpkg -i promtail\_2.9.1\_amd64.deb