Day 6

```
roshniQLAPTOP-1VNKAF61: $ sudo useradd \
--system \
--svstem \
--shell /bin/false prometheus
[sudo] password for roshnit:
roshniQLAPTOP-1VNKAF61: $ wget https://github.com/prometheus/prometheus/releases/download/v2.47.1/prometheus-2.47.1.linux-amd64.tar.gz
tar -xvf prometheus-2.47.1.linux-amd64.tar.gz
sudo mkdir -p /data /dtc/prometheus
cd prometheus-2.47.1.linux-amd64/
sudo mv prometheus promtool /usr/local/bin/
sudo mv prometheus promtool /usr/local/bin/
sudo mv prometheus-ynometheus/prometheus.yml
sudo chown -R prometheus:prometheus/prometheus/sudo mv prometheus.yml /etc/prometheus/prometheus/prometheus/releases/download/v2.47.1/prometheus-2.47.1.linux-amd64.ta
-2025-03-22 06:28:31- https://github.com/prometheus/prometheus/releases/download/v2.47.1/prometheus-2.47.1.linux-amd64.ta
-2025-03-22 06:28:31- https://github.com/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/prometheus/
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roshniQLAPTOP-1VNKAF61: -$ sudo systemctl enable prometheus
sudo systemctl start prometheus
sudo systemctl startus prometheus
journalctl -u prometheus -f --no-pager
Created symlink /etc/system/system/multi-user.target.wants/prometheus.service → /etc/systemd/system/prometheus.service.

• prometheus.service - Prometheus
Loaded: loaded (/etc/systemd/system/prometheus.service; enabled; preset: enabled)
Active: active (running) since Sat 2025-03-22 06:40:23 UTC; 77ms ago
Main PID: 41538 (prometheus)
Tasks: 12 (limit: 9375)
Memory: 19.1M ()
CGroup: /system.slice/prometheus.service
—41538 /usr/local/bln/prometheus --config.file=/etc/prometheus/prometheus.yml --storage.tsdb.path=/data --web
—41538 /usr/local/bln/prometheus --config.file=/etc/prometheus/prometheus.yml --storage.tsdb.path=/data --web
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**Public **P
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node_exporter_1.6.1.linux-and64/NOTICE
node_exporter_1.6.1.linux-and64/NOTICE
node_exporter_1.6.1.linux-and64/NOTICE
node_exporter_1.6.1.linux-and64/NOTICE
node_exporter_1.6.1.linux-and64/LICENSE
roshnt@LAPIOP-1VNKAF6I: $ sudo mv \
node_exporter_1.6.1.linux-and64/node_exporter \
/usr/local/bin/
roshnt@LAPIOP-1VNKAF6I: $ rm -rf node_exporter*
roshnt@LAPIOP-1VNKAF6I: $ node_exporter --version
node_exporter_version 1.6.1 (branch: HEAD, revision: 4a1b77600c1873a8233f3ffb55afcedbb63b8d84)
build user: root08586879db11e5
build date: 20230717-12:10:52
go version: gol.20.6
platform: linux/and64
tags: netgo osusergo static_build
roshnt@LAPIOP-1VNKAF6I: $ sudo vim /etc/systemd/system/node_exporter.service
roshnt@LAPIOP-1VNKAF6I: $ sudo systemctl enable node_exporter
sudo systemctl status node_exporter
sudo systemctl status node_exporter
fournalctl -u node_exporter -f --no-pager
Created symlink /etc/systemd/system/multi-user.target.wants/node_exporter.service -/etc/systemd/system/node_exporter.service
Loaded loaded (/etc/systemd/system/node_exporter,service; enabled; preset: enabled)
Active: active (running) since Sat 2025-03-22 06:44:11 UTC; 18ms ago
Main PID: 42445 (node_exporter)
Tasks: 6 (lintit: 9375)
Memory: 3.2M ()
CGroup: /system.slice/node_exporter --collector.logind
```

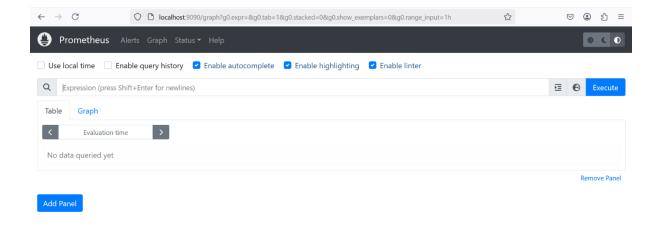
```
▼ velobal config
global:
scrape_interval: 15s # Set the scrape interval to every 15 seconds. Default is every 1 minute.
evaluation_interval: 15s # Evaluate rules every 15 seconds. The default is every 1 minute.
# Alertmanager configuration
alerting:
alertmanagers:
- static_configs:
- targets:
# - alertmanager:9993

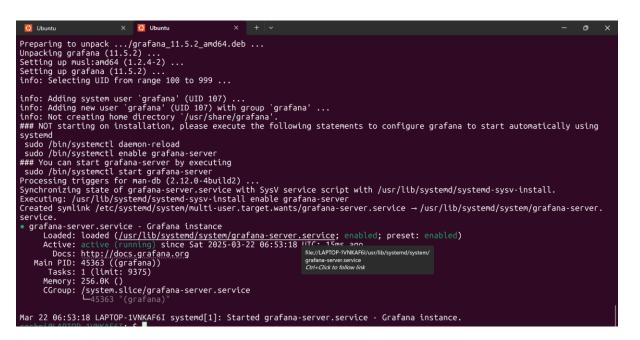
# Load rules once and periodically evaluate them according to the global "evaluation_interval".
rule_files:
# - "First_rules.yml"
# - "second_rules.yml"
# A scrape configuration containing exactly one endpoint to scrape:
# Here it's Prometheus itself.
scrape_configs:
# The job name is added as a label "job=<job_name>" to any timeseries scraped from this config.
- job_name: "prometheus
# metrics_path defaults to "/metrics"
# scheme defaults to "http".

static_configs:
- targets: ["localhost:9890"]

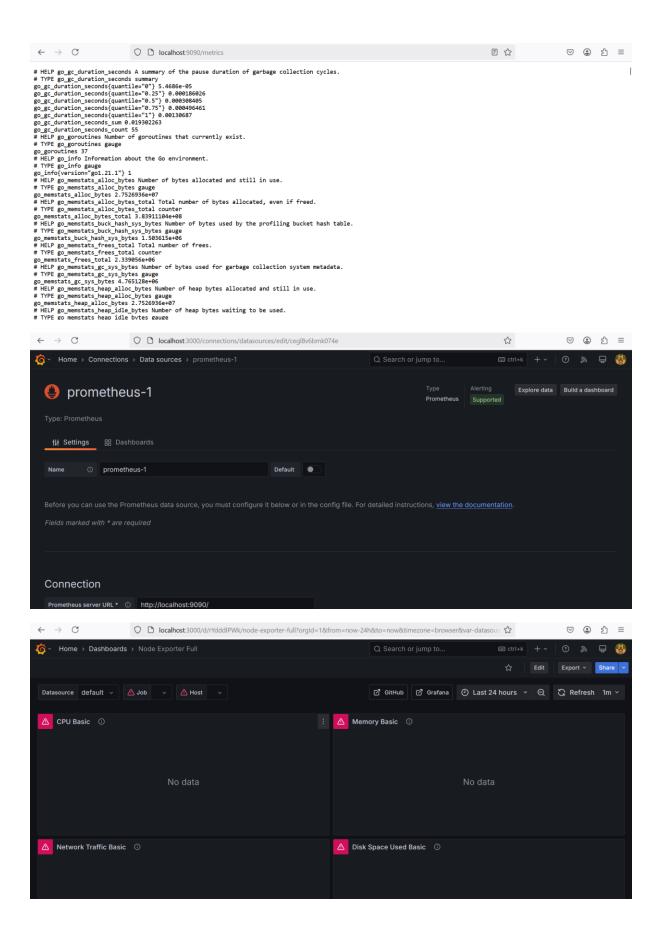
*/etc/prometheus/prometheus.yml" 29L, 934B

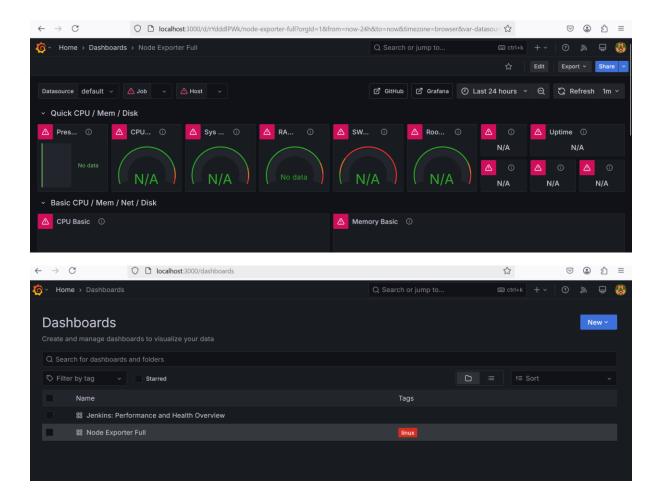
1,1 All
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Prometheus is an open-source system monitoring and alerting toolkit originally built at SoundCloud. It is now a standalone open-source project. Prometheus joined the Cloud Native Computing Foundation in 2016 as the second hosted project, after Kubernetes.

Features

- 1. a multi-dimensional data model with time series data identified by metric name and key/value pairs
- 2. PromQL, a flexible query language to leverage this dimensionality
- 3. no reliance on distributed storage; single server nodes are autonomous
- 4. time series collection happens via a pull model over HTTP
- 5. pushing time series is supported via an intermediary gateway
- 6. targets are discovered via service discovery or static configuration
- 7. multiple modes of graphing and dashboarding support