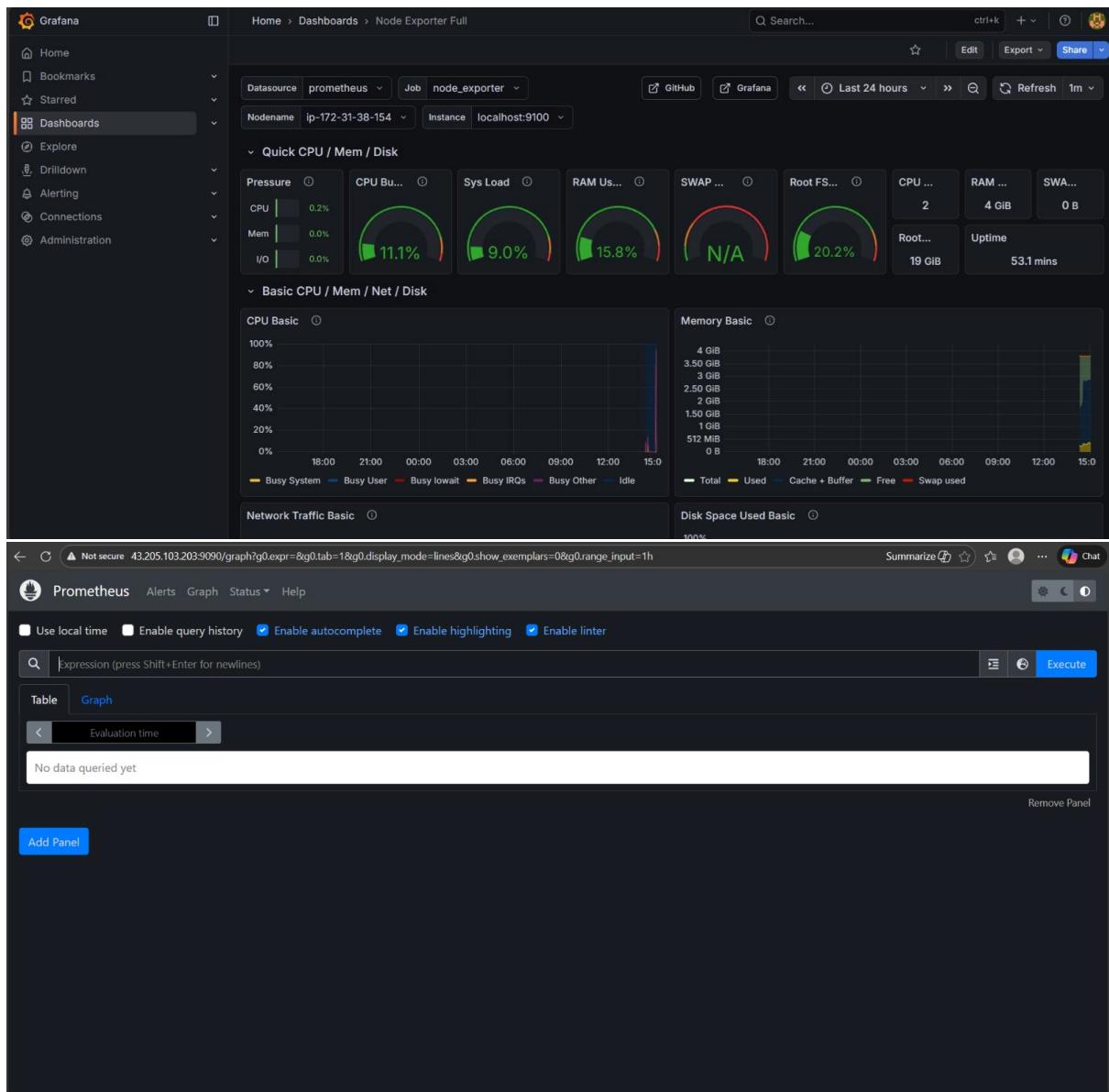
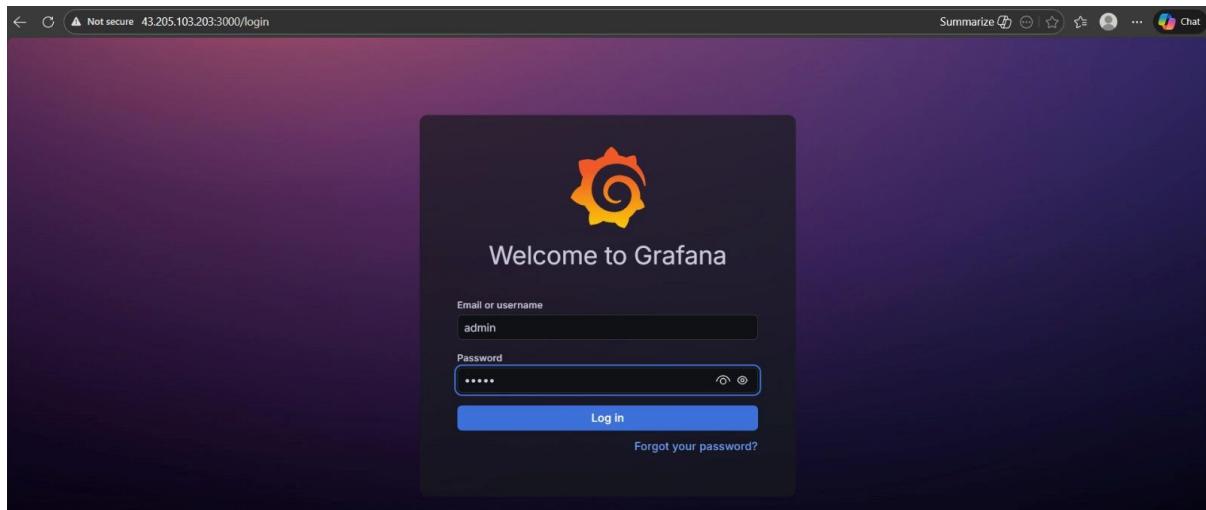
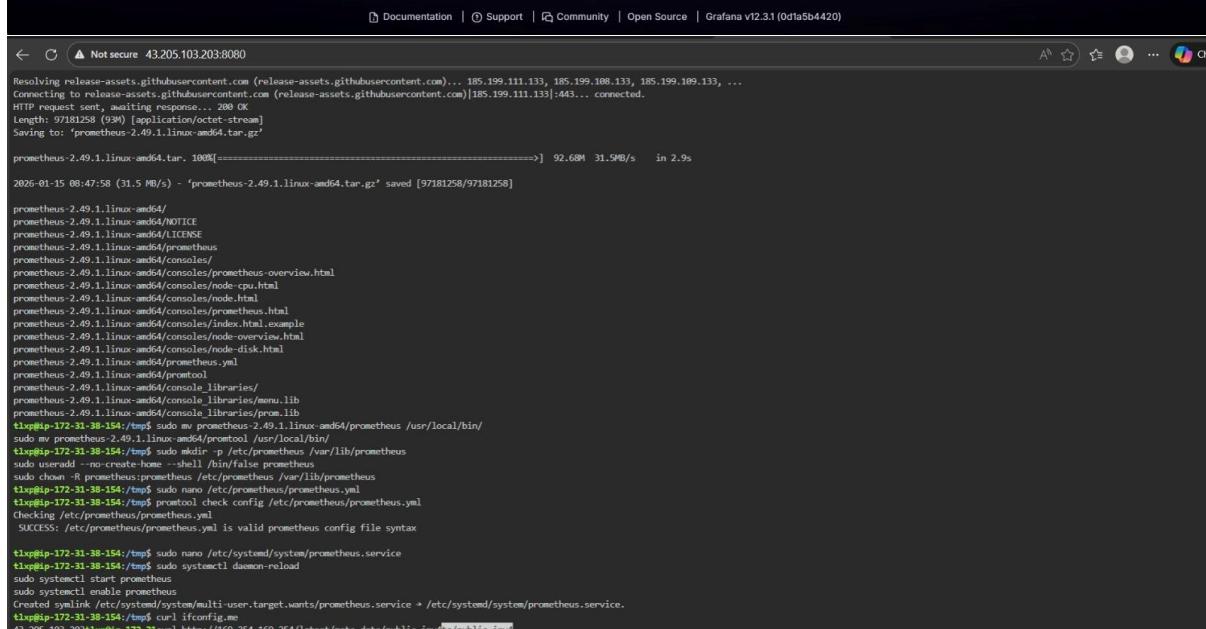


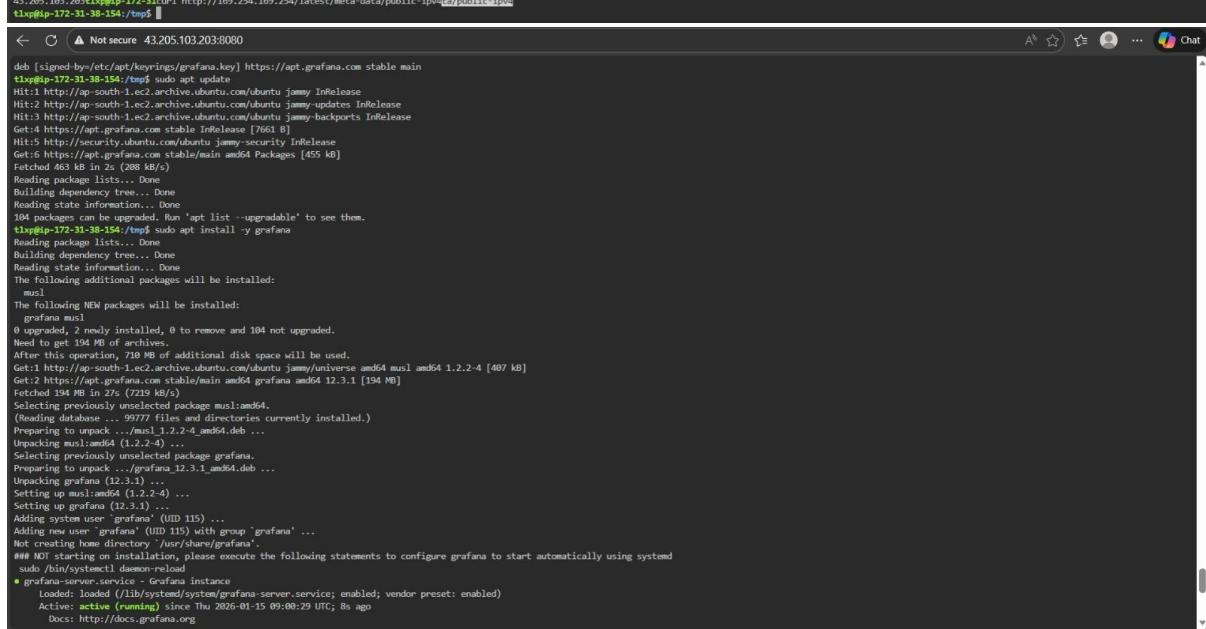
Prometheus and Grafana Observability

“Grafana successfully queried the Prometheus API, confirming end-to-end connectivity between visualization and metrics storage.”









Not secure 43.205.103.203:3000/?orgId=1&from=now-6h&to=now&timezone=browser

Grafana Home > Dashboards > Home Search... ctrl+k

Welcome to Grafana Need help? Documentation Tutorials Community Public Slack

Basic TUTORIAL DATA SOURCES DASHBOARDS Remove this panel

The steps below will guide you to quickly finish setting up your Grafana installation.

TUTORIAL DATA SOURCE AND DASHBOARDS Grafana fundamentals Set up and understand Grafana if you have no prior experience. This tutorial guides you through the entire process and covers the "Data source" and "Dashboards" steps to the right.

DATA SOURCES Add your first data source Learn how in the docs ↗

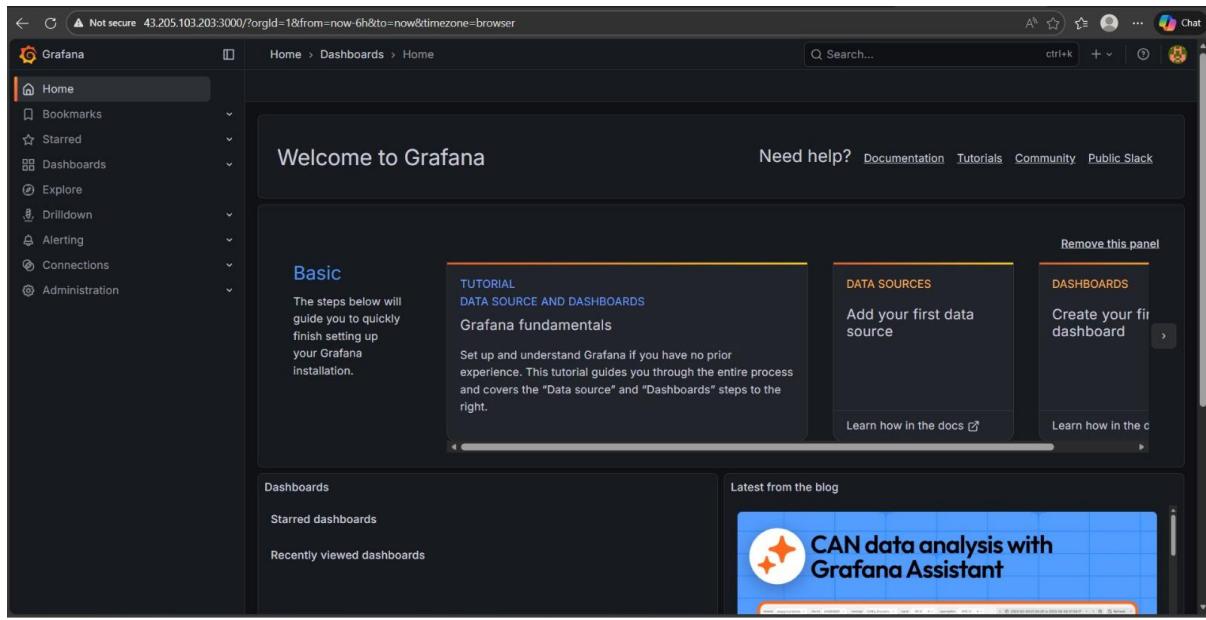
DASHBOARDS Create your first dashboard Learn how in the docs ↗

Dashboards Latest from the blog

Starred dashboards

Recently viewed dashboards

CAN data analysis with Grafana Assistant



Not secure 43.205.103.203:3000/connections/datasources/edit/bfa89r5wwlrswe

Home > Connections > Data sources > prometheus Chat

Configure your Prometheus data source below

Or skip the effort and get Prometheus (and Loki) as fully-managed, scalable, and hosted data sources from Grafana Labs with the [free-forever Grafana Cloud plan](#).

Name: prometheus Default:

Before you can use the Prometheus data source, you must configure it below or in the config file. For detailed instructions, [view the documentation](#).

Fields marked with * are required

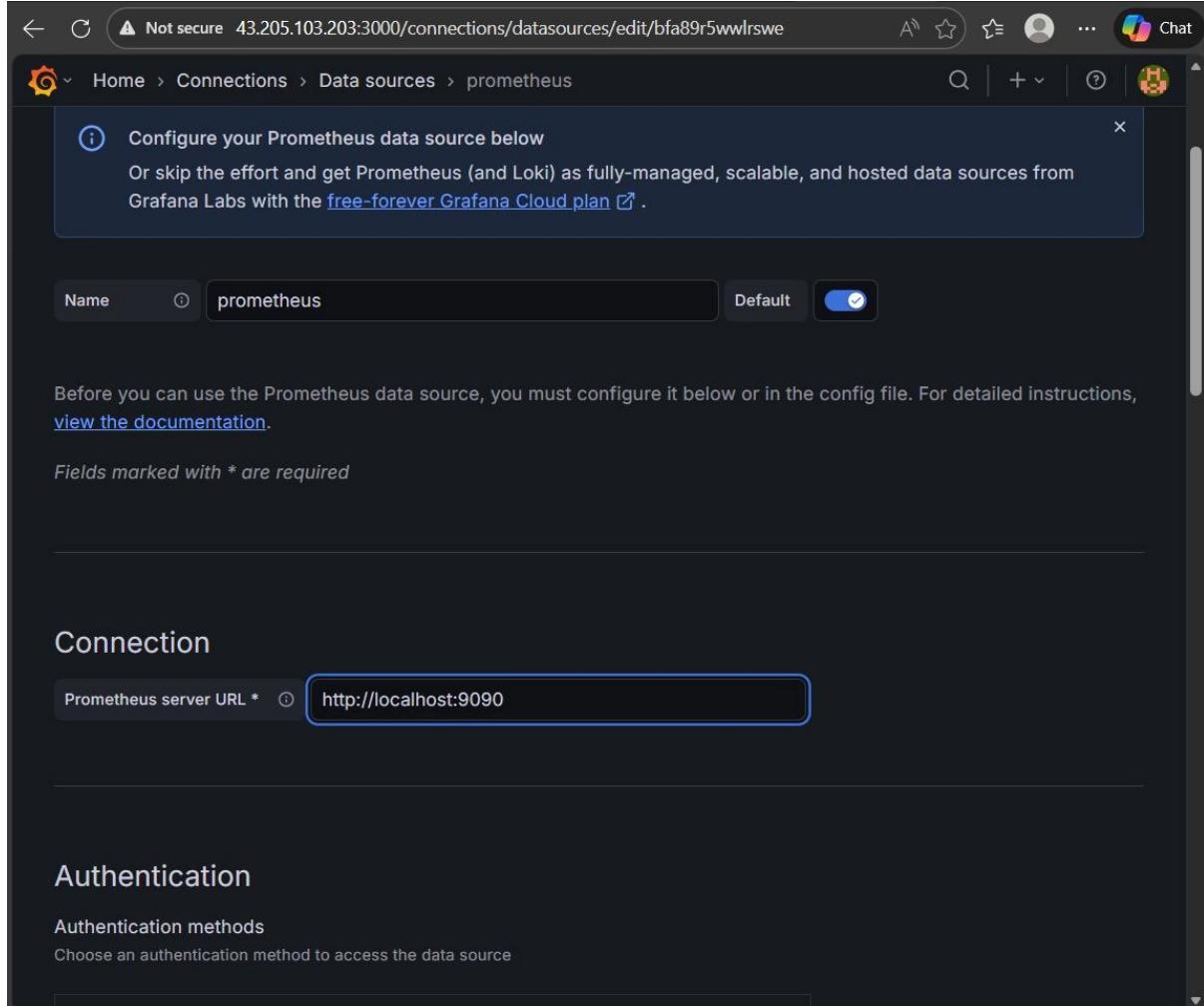
Connection

Prometheus server URL *

Authentication

Authentication methods

Choose an authentication method to access the data source



```

← ⌂ ▲ Not secure 43.205.103.203:8080
No VM guests are running outdated hypervisor (qemu) binaries on this host.
tlxip@ip-172-31-38-154:~$ sudo mkdir -p /etc/apt/keyrings
wget -q -O - https://apt.grafana.com/gpg.key | sudo tee /etc/apt/keyrings/grafana.key > /dev/null
tlxip@ip-172-31-38-154:~$ curl -s https://apt.grafana.com/stable/main | sudo tee /etc/sources.list.d/grafana.list
deb [signed-by=/etc/apt/keyrings/grafana.key] https://apt.grafana.com stable main
tlxip@ip-172-31-38-154:~$ sudo apt update
Hit:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy InRelease
Hit:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:3 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy-backports InRelease
Get:4 https://apt.grafana.com stable InRelease [766 B]
Hit:5 http://security.ubuntu.com/ubuntu jammy-security InRelease
Get:6 https://apt.grafana.com stable/main amd64 Packages [455 kB]
Fetched 463 kB in 2s (206 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
104 packages can be upgraded. Run 'apt list --upgradable' to see them.
tlxip@ip-172-31-38-154:~$ sudo apt install -y grafana
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  musl
The following NEW packages will be installed:
  grafana
0 upgraded, 2 newly installed, 0 to remove and 104 not upgraded.
Need to get 194 MB of archives.
After this operation, 710 MB of additional disk space will be used.
Get:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu jammy/universe amd64 musl amd64 1.2.2-4 [407 kB]
Get:2 https://apt.grafana.com/stable/main amd64 grafana amd64 12.3.1 [194 MB]
Fetched 194 MB in 2s (7219 kB/s)
Selecting previously unselected package musl:amd64.
(Reading database ... 99777 files and directories currently installed.)
Preparing to unpack .../grafana_12.3.1_amd64.deb ...
Unpacking musl:amd64 (1.2.2-4) ...
Selecting previously unselected package grafana.
Preparing to unpack .../grafana_12.3.1_amd64.deb ...
Unpacking grafana (12.3.1)
Setting up musl:amd64 (1.2.2-4) ...
Setting up grafana (12.3.1) ...
Adding system user 'grafana' (UID 115) ...
Adding new user 'grafana' (UID 115) with group 'grafana' ...
Not creating home directory '/usr/share/grafana'.
## NOT starting on installation, please execute the following statements to configure grafana to start automatically using system

```

← ⌂ ▲ Not secure 43.205.103.203:3000/d/YddlPWk/node-exporter-full?orgId=1&from=now-24h&to=now&timezone=browser&var_ds_prometheus=bfa895wqlswe&var-job=node_exporter&v...

```

Grafana
Home > Dashboards > Node Exporter Full
Datasource: prometheus Job: node_exporter
Nodename: ip-172-31-38-154 Instance: localhost:9100
Quick CPU / Mem / Disk
CPU Bu... 0.5% Sys Load 3.5% RAM Us... 15.0% SWAP ... N/A Root FS... 20.2% CPU ... 2 RAM ... 4 GB SWA... 0 B
Pressure CPU Mem I/O
Nodename: ip-172-31-38-154 Instance: localhost:9100
CPU Basic
CPU Usage: 0.1% Busy System: 0.1% Busy User: 0.0% Busy Iowait: 0.0% Busy IRQs: 0.0% Busy Other: 0.0% Idle: 0.0%
Memory Basic
Memory Usage: 19 GiB Total: 4 GiB Used: 3.5 GiB Cache + Buffer: 3.0 GiB Free: 2.5 GiB Swap used: 1.5 GiB
Network Traffic Basic
Disk Space Used Basic

```

No VM guests are running outdated hypervisor (qemu) binaries on this host.

```

tlxip@ip-172-31-38-154:~$ stress --cpu 2 --timeout 60
stress: info: [4296] dispatching hogs: 2 cpu, 0 io, 0 vm, 0 hdd

```

