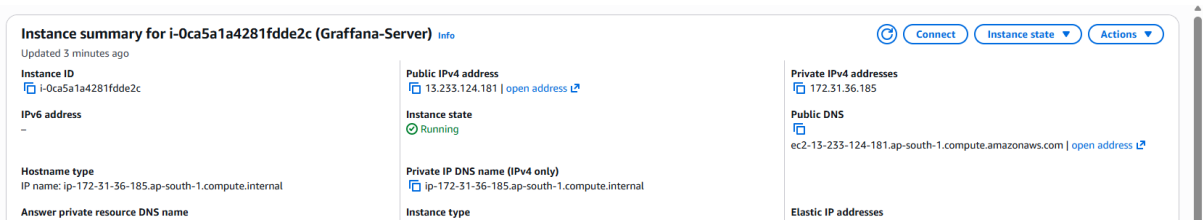
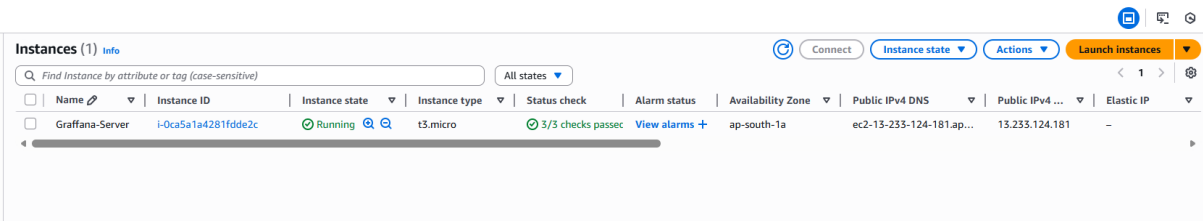


Created EC2 Instance:



Installed and configured service for Graffana, Prometheus and Noteexporter:

```
root@ip-172-31-36-185:~/prometheus-2.52.0.linux-amd64# sudo systemctl status grafana-server
grafana-server.service - Grafana instance
Loaded: loaded (/usr/lib/systemd/system/grafana-server.service; enabled; preset: enabled)
Active: active (running) since Sat 2026-02-07 10:21:50 UTC; 48s ago
Docs: http://docs.grafana.org
Main PID: 10817 (grafana)
Tasks: 14 (limit: 1008)
Memory: 241.3M (peak: 363.3M)
CPU: 4.575s
CGroup: /system.slice/grafana-server.service
└─10817 /usr/share/grafana/bin/grafana server --config=/etc/grafana/grafana.ini --pidfile=/run/grafana/grafana-server.pid --packaging=deb cfg:default.paths.logs=/var/log/grafana cfg:default.paths...
```

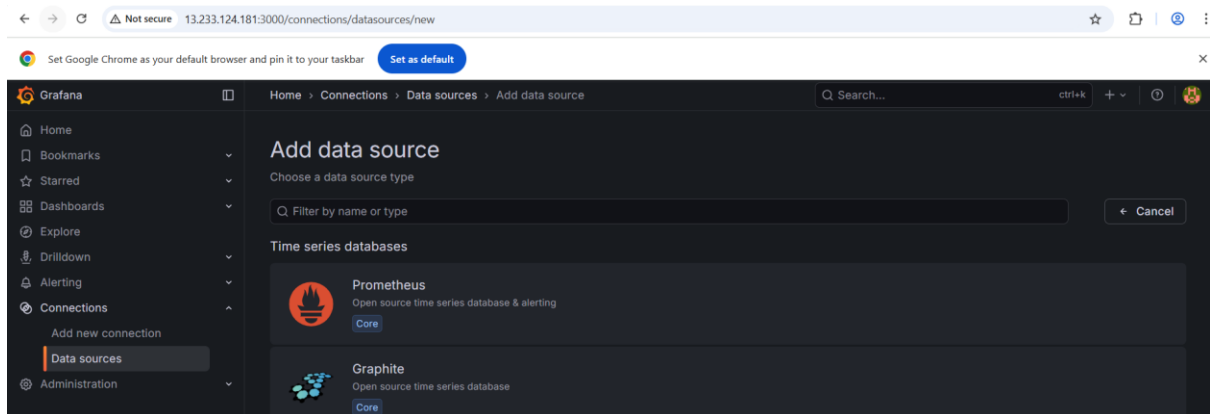
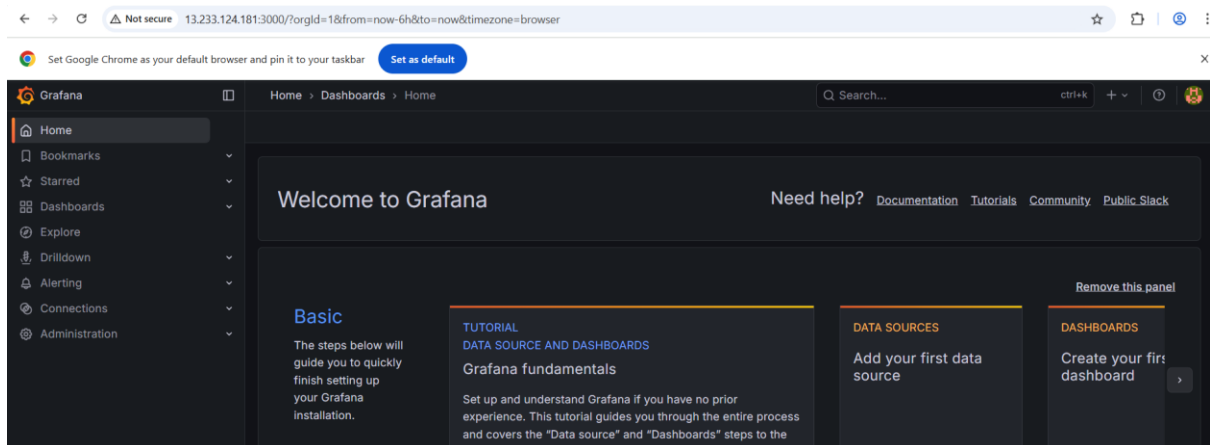
```
root@ip-172-31-36-185:~/prometheus-2.52.0.linux-amd64# systemctl status prometheus.service
prometheus.service - Prometheus
Loaded: loaded (/etc/systemd/system/prometheus.service; enabled; preset: enabled)
Active: active (running) since Sat 2026-02-07 10:41:06 UTC; 6s ago
Docs: http://prometheus.io/docs
Main PID: 11081 (prometheus)
Tasks: 7 (limit: 1000)
Memory: 26.9M (peak: 27.1M)
CPU: 75ms
CGroup: /system.slice/prometheus.service
└─11081 /usr/local/bin/prometheus --config.file=/etc/prometheus/prometheus.yml --storage.tsdb.path=/var/lib/prometheus/

Feb 07 10:41:06 ip-172-31-36-185 prometheus[11081]: ts=2026-02-07T10:41:06.367Z caller=head.go:703 level=info component=tsdb msg="On-disk memory mappable chunks replay completed" duration=1.739s
Feb 07 10:41:06 ip-172-31-36-185 prometheus[11081]: ts=2026-02-07T10:41:06.374Z caller=head.go:783 level=info component=tsdb msg="Replaying WAL, this may take a while"
Feb 07 10:41:06 ip-172-31-36-185 prometheus[11081]: ts=2026-02-07T10:41:06.374Z caller=head.go:820 level=info component=tsdb msg="WAL segment loaded" segment=0 maxSegment=0
Feb 07 10:41:06 ip-172-31-36-185 prometheus[11081]: ts=2026-02-07T10:41:06.377Z caller=main.go:1150 level=info fs type=EXT4 SUPER_MAGIC
Feb 07 10:41:06 ip-172-31-36-185 prometheus[11081]: ts=2026-02-07T10:41:06.377Z caller=main.go:1153 level=info msg="TSDB started"
Feb 07 10:41:06 ip-172-31-36-185 prometheus[11081]: ts=2026-02-07T10:41:06.377Z caller=main.go:1325 level=info msg="Loading configuration file" filename=/etc/prometheus/prometheus.yml
Feb 07 10:41:06 ip-172-31-36-185 prometheus[11081]: ts=2026-02-07T10:41:06.381Z caller=main.go:1372 level=info msg="Completed loading of configuration file" filename=/etc/prometheus/prometheus.yml totalDuration=...
```

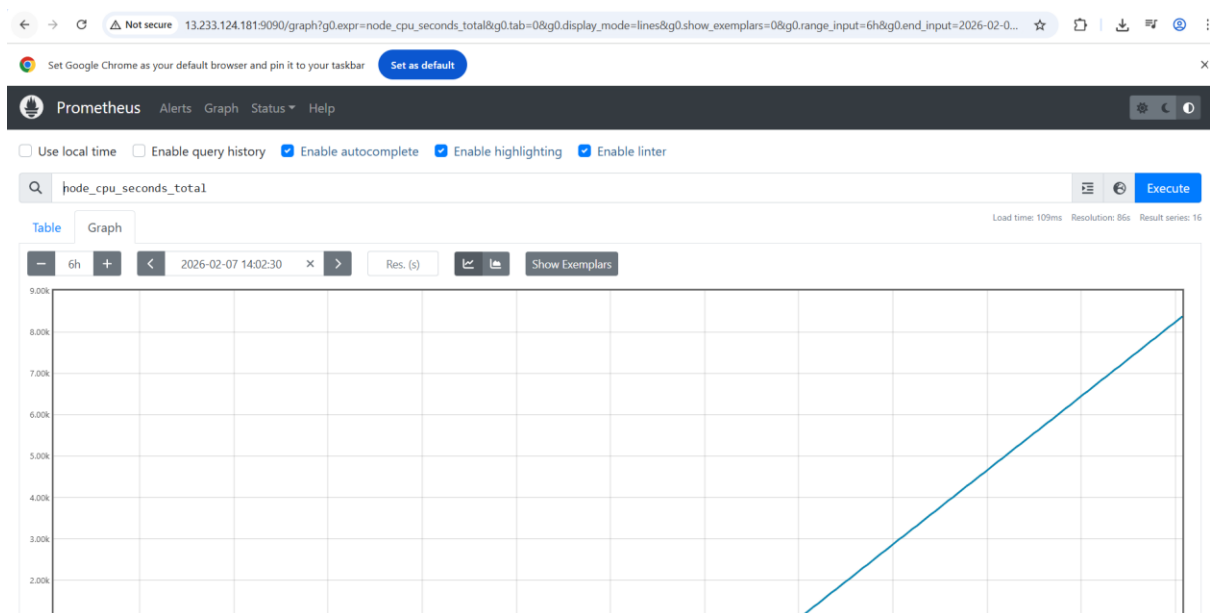
```
root@ip-172-31-36-185:~/prometheus-2.52.0.linux-amd64# node_exporter-1.8.1.linux-amd64# sudo systemctl status node_exporter
node_exporter.service - Node Exporter
Loaded: loaded (/usr/lib/systemd/system/node_exporter.service; enabled; preset: enabled)
Active: active (running) since Sat 2026-02-07 10:58:22 UTC; 9s ago
Docs: http://node_exporter.io
Main PID: 11614 (node_exporter)
Tasks: 4 (limit: 1008)
Memory: 2.6M (peak: 2.8M)
CPU: 11ms
CGroup: /system.slice/node_exporter.service
└─11614 /usr/local/bin/node_exporter

Feb 07 10:58:22 ip-172-31-36-185 node_exporter[11614]: ts=2026-02-07T10:58:22.0993 caller=node_exporter.go:118 level=info collector=time
Feb 07 10:58:22 ip-172-31-36-185 node_exporter[11614]: ts=2026-02-07T10:58:22.0993 caller=node_exporter.go:118 level=info collector=linux
Feb 07 10:58:22 ip-172-31-36-185 node_exporter[11614]: ts=2026-02-07T10:58:22.0993 caller=node_exporter.go:118 level=info collector=udp_queues
Feb 07 10:58:22 ip-172-31-36-185 node_exporter[11614]: ts=2026-02-07T10:58:22.0993 caller=node_exporter.go:118 level=info collector=uname
Feb 07 10:58:22 ip-172-31-36-185 node_exporter[11614]: ts=2026-02-07T10:58:22.0993 caller=node_exporter.go:118 level=info collector=vmstat
Feb 07 10:58:22 ip-172-31-36-185 node_exporter[11614]: ts=2026-02-07T10:58:22.0993 caller=node_exporter.go:118 level=info collector=watchdog
Feb 07 10:58:22 ip-172-31-36-185 node_exporter[11614]: ts=2026-02-07T10:58:22.0993 caller=node_exporter.go:118 level=info collector=zfs
Feb 07 10:58:22 ip-172-31-36-185 node_exporter[11614]: ts=2026-02-07T10:58:22.0993 caller=tsdb_config.go:313 level=info msg="Listening on" address=[::]:9100
Feb 07 10:58:22 ip-172-31-36-185 node_exporter[11614]: ts=2026-02-07T10:58:22.0993 caller=tsdb_config.go:316 level=info msg="TLS is disabled." http2=false address=[::]:9100
```

Launched Graffana in browser:



Launched Prometheus in browser:



← → ↻ ⚠ Not secure 13.233.124.181:9090/targets?search= ☆ 📄 📄 📄 📄 📄

Set Google Chrome as your default browser and pin it to your taskbar [Set as default](#) ✕

Prometheus Alerts Graph Status ▾ Help ⚙ 🌙 ⓘ

Targets

All scrape pools ▾ All Unhealthy Collapse All 🔍 Filter by endpoint or labels ✓ Unknown ✓ Unhealthy ✓ Healthy

Node Exporter (1/1 up) [show less](#)

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://localhost:9100/metrics	UP	instance="localhost:9100" job="Node Exporter" ▾	11.513s ago	11.616ms	

prometheus (1/1 up) [show less](#)

Endpoint	State	Labels	Last Scrape	Scrape Duration	Error
http://localhost:9090/metrics	UP	instance="localhost:9090" job="prometheus" ▾	9.913s ago	4.866ms	

Launched Node Exporter in browser:

← → ↻ ⚠ Not secure 13.233.124.181:9100

Set Google Chrome as your default browser and pin it to your taskbar [Set as default](#)

Node Exporter

Prometheus Node Exporter

Version: (version=1.8.1, branch=HEAD, revision=400c3979931613db930ea035f39ce7b377cdbb5b)

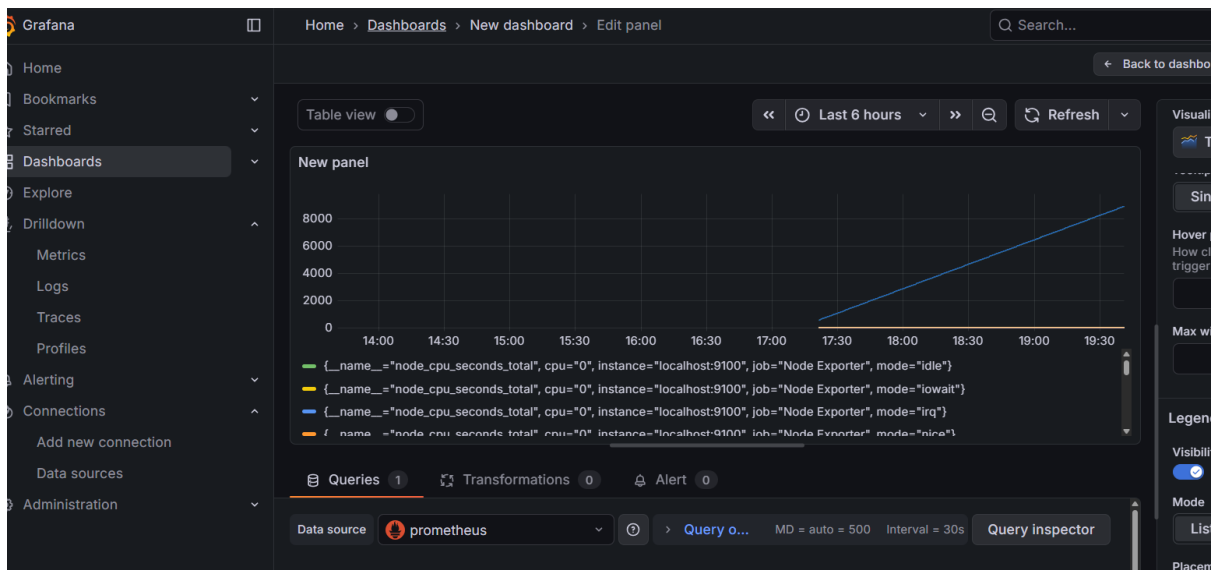
- [Metrics](#)

```
← → ↺ ⚠ Not secure 13.233.124.181:9100/metrics

Set Google Chrome as your default browser and pin it to your taskbar Set as default

# HELP go_gc_duration_seconds A summary of the pause duration of garbage collection cycles.
# TYPE go_gc_duration_seconds summary
go_gc_duration_seconds{quantile="0"} 0
go_gc_duration_seconds{quantile="0.25"} 0
go_gc_duration_seconds{quantile="0.5"} 0
go_gc_duration_seconds{quantile="0.75"} 0
go_gc_duration_seconds{quantile="1"} 0
go_gc_duration_seconds_sum 0
go_gc_duration_seconds_count 0
# HELP go_goroutines Number of goroutines that currently exist.
# TYPE go_goroutines gauge
go_goroutines 7
# HELP go_info Information about the Go environment.
# TYPE go_info gauge
go_info{version="go1.22.3"} 1
# HELP go_memstats_alloc_bytes Number of bytes allocated and still in use.
# TYPE go_memstats_alloc_bytes gauge
go_memstats_alloc_bytes 2.741552e+06
# HELP go_memstats_alloc_bytes_total Total number of bytes allocated, even if freed.
# TYPE go_memstats_alloc_bytes_total counter
go_memstats_alloc_bytes_total 2.741552e+06
# HELP go_memstats_buck_hash_sys_bytes Number of bytes used by the profiling bucket hash table.
# TYPE go_memstats_buck_hash_sys_bytes gauge
go_memstats_buck_hash_sys_bytes 1.449874e+06
# HELP go_memstats_frees_total Total number of frees.
# TYPE go_memstats_frees_total counter
go_memstats_frees_total 1395
# HELP go_memstats_gc_sys_bytes Number of bytes used for garbage collection system metadata.
# TYPE go_memstats_gc_sys_bytes gauge
go_memstats_gc_sys_bytes 2.089016e+06
# HELP go_memstats_heap_alloc_bytes Number of heap bytes allocated and still in use.
# TYPE go_memstats_heap_alloc_bytes gauge
go_memstats_heap_alloc_bytes 2.741552e+06
# HELP go_memstats_heap_idle_bytes Number of heap bytes waiting to be used.
# TYPE go_memstats_heap_idle_bytes gauge
go_memstats_heap_idle_bytes 3.792896e+06
# HELP go_memstats_heap_inuse_bytes Number of heap bytes that are in use.
# TYPE go_memstats_heap_inuse_bytes gauge
go_memstats_heap_inuse_bytes 4.153344e+06
# HELP go_memstats_heap_objects Number of allocated objects.
# TYPE go_memstats_heap_objects gauge
go_memstats_heap_objects 21748
# HELP go_memstats_heap_released_bytes Number of heap bytes released to OS.
# TYPE go_memstats_heap_released_bytes gauge
go_memstats_heap_released_bytes 3.792896e+06
# HELP go_memstats_heap_sys_bytes Number of heap bytes obtained from system.
```

Manual Dashboard:



Created Metrix Dashboard:

