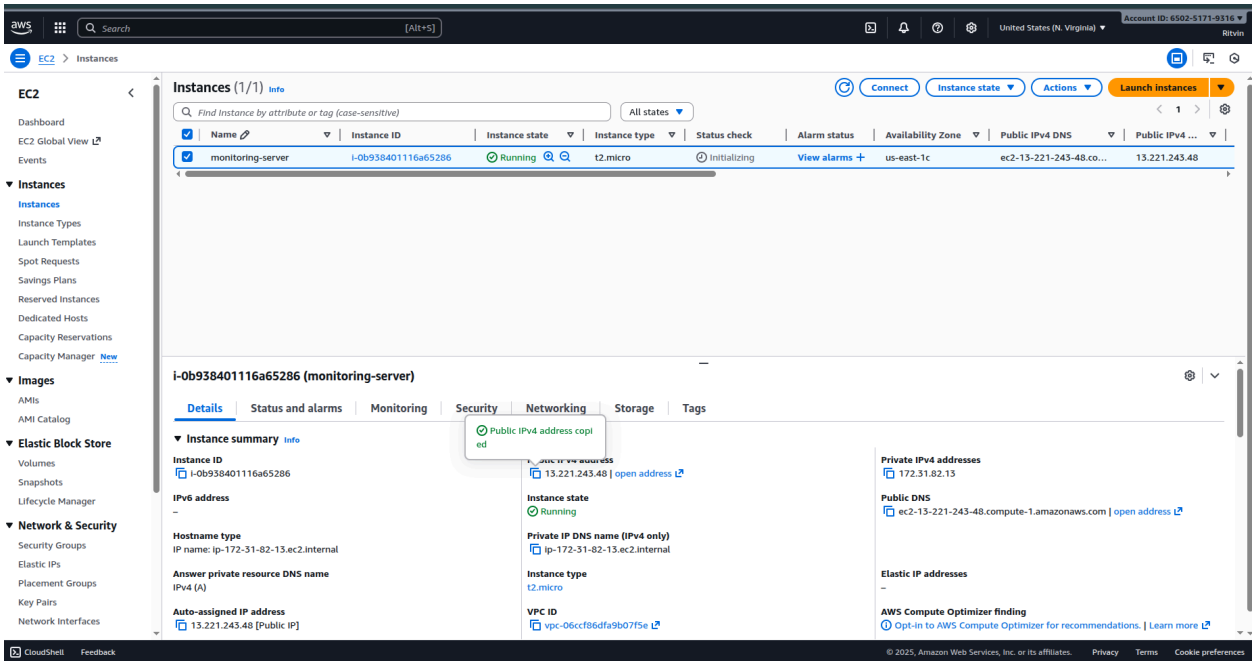
Monitoring Task

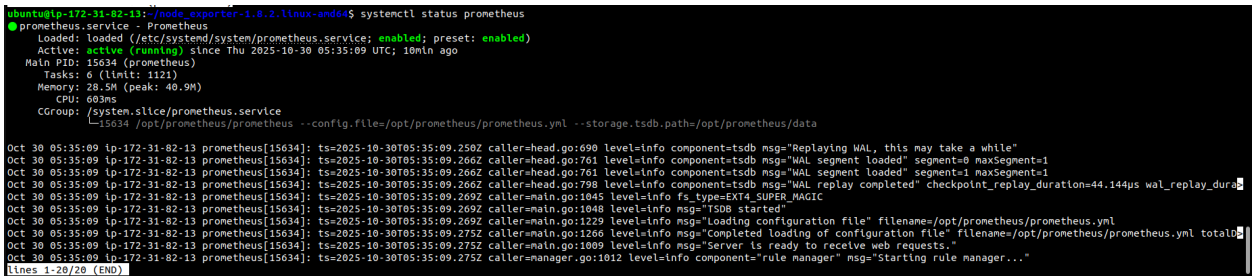
Task Description:

Install Prometheus and Grafana on a Linux EC2 machine, connect Prometheus to Grafana, and create a dashboard to view metrics.

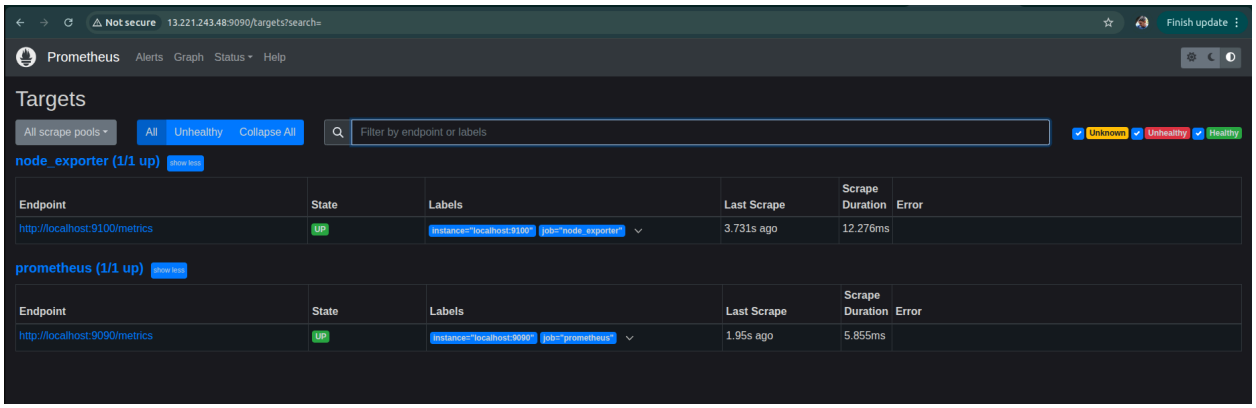
EC2 instance:



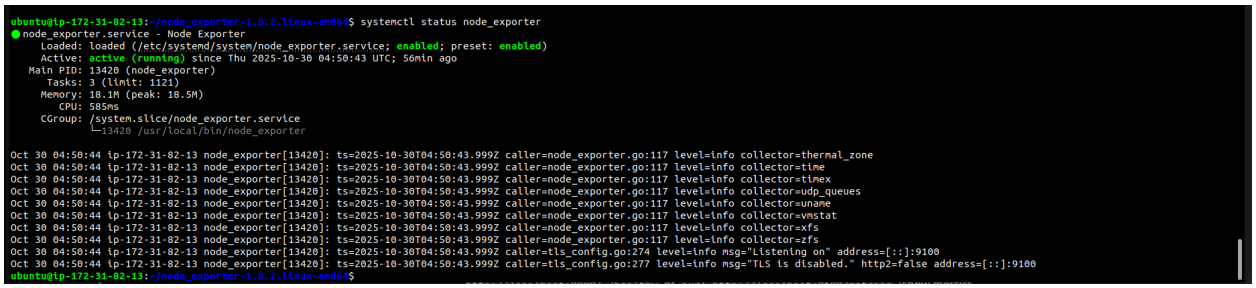
Prometheus Status:



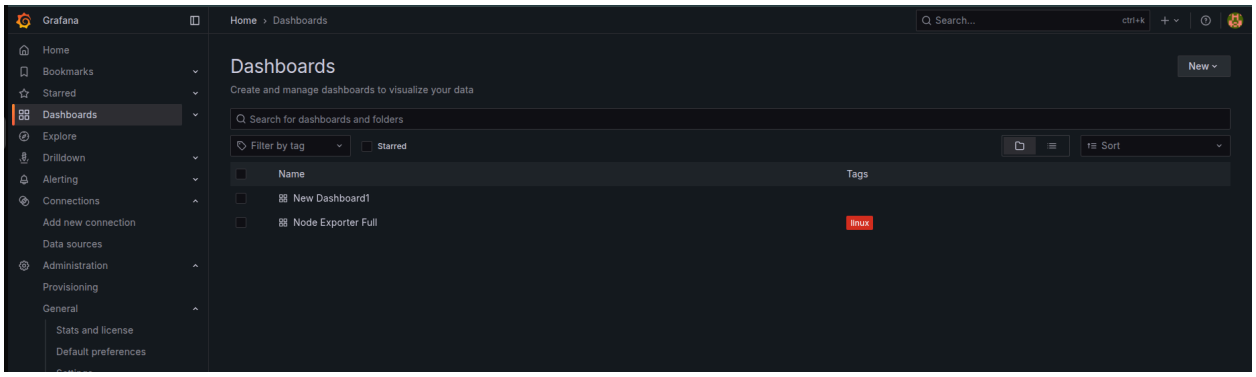
Prometheus Target:

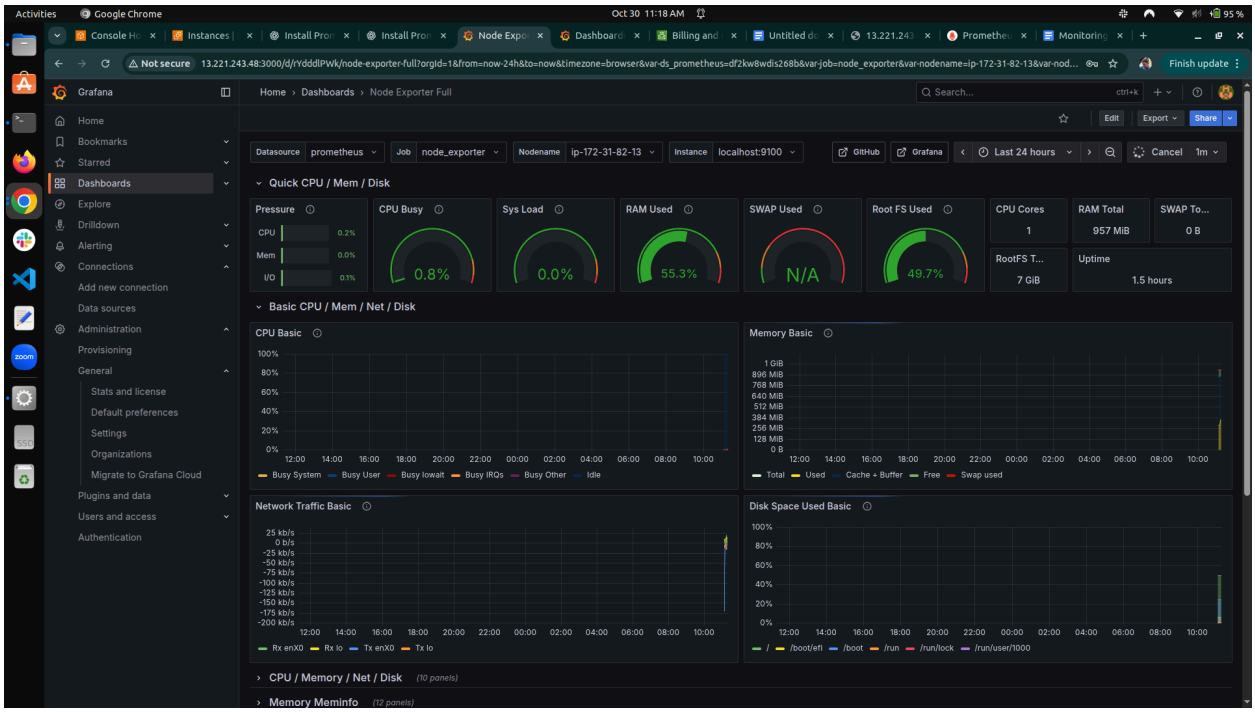


Node Exporter Status:



Grafana:




Activities
Google Chrome
Oct 30 11:18 AM
Not secure
13.221.243.48:3000/d/rYdddlPWk/node-exporter-full?orgId=1&from=now-24h&to=now&timezone=browser&var-ds_prometheus=df2kw8wdis268b&var-job=node_exporter&var-nodename=ip-172-31-82-13&var-nod...
Finish update
Grafana
Home
Bookmarks
Starred
Dashboards
Explore
Drilldown
Alerting
Connections
Add new connection
Data sources
Administration
Provisioning
General
Stats and license
Default preferences
Settings
Organizations
Migrate to Grafana Cloud
Plugins and data
Users and access
Authentication
Home › Dashboards › Node Exporter Full
Search...
Edit
Export
Share
Datasource prometheus
Job node_exporter
Nodename ip-172-31-82-13
Instance localhost:9100
GitHub
Grafana
Last 24 hours
Cancel
1m
Quick CPU / Mem / Disk
Pressure
CPU 0.2%
Mem 0.0%
I/O 0.1%
CPU Busy
0.8%
Sys Load
0.0%
RAM Used
55.3%
SWAP Used
N/A
Root FS Used
49.7%
CPU Cores
1
RAM Total
957 MiB
SWAP To...
0 B
RootFS T...
7 GiB
Uptime
1.5 hours
Basic CPU / Mem / Net / Disk
CPU Basic
100%
80%
60%
40%
20%
0%
12:00 14:00 16:00 18:00 20:00 22:00 00:00 02:00 04:00 06:00 08:00 10:00
Busy System
Busy User
Busy Iowait
Busy IRQs
Busy Other
Idle
Memory Basic
1 GiB
896 MiB
768 MiB
640 MiB
512 MiB
384 MiB
256 MiB
128 MiB
0 B
12:00 14:00 16:00 18:00 20:00 22:00 00:00 02:00 04:00 06:00 08:00 10:00
Total
Used
Cache + Buffer
Free
Swap used
Network Traffic Basic
25 kb/s
0 b/s
-25 kb/s
-50 kb/s
-75 kb/s
-100 kb/s
-125 kb/s
-150 kb/s
-175 kb/s
-200 kb/s
12:00 14:00 16:00 18:00 20:00 22:00 00:00 02:00 04:00 06:00 08:00 10:00
Rx enX0
Rx lo
Tx enX0
Tx lo
Disk Space Used Basic
100%
80%
60%
40%
20%
0%
12:00 14:00 16:00 18:00 20:00 22:00 00:00 02:00 04:00 06:00 08:00 10:00
/
/boot/efi
/boot
/run
/run/lock
/run/user/1000
CPU / Memory / Net / Disk
(10 panels)
Memory Meminfo
(12 panels)