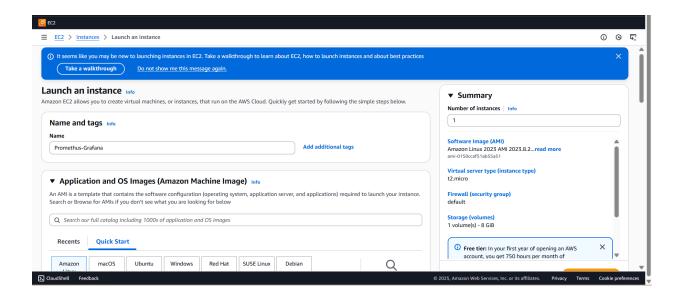
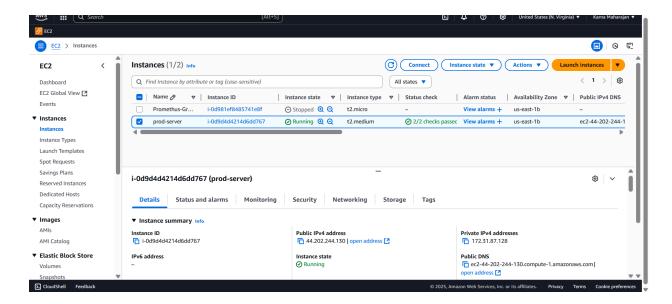
Install Prometheus and Grafana on a Linux EC2 machine, connect Prometheus to Grafana, and create a dashboard to view metrics.

How to install and configure Prometheus follow the below steps to do the configuration

https://prometheus.io/docs/introduction/first_steps/

Launching two instance prometheus and node porter





Installing the prometheus

Wget https://prometheus.io/download/prometheus-3.5.0-rc.1.linux-amd64.tar.gz

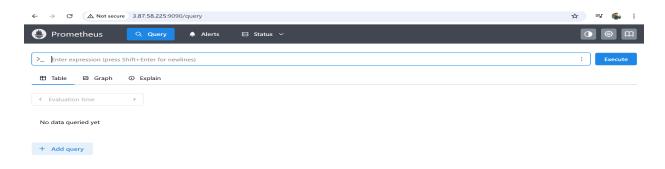
Untar the tar file using tar -xvzf

Run the ./prometheus.yml the installation

```
| Secons | Second | S
```

Once the installation is done go to localhost:9090

Now check the prometheus is visible in browser



Download Node Exporter

Installing the node_exporter

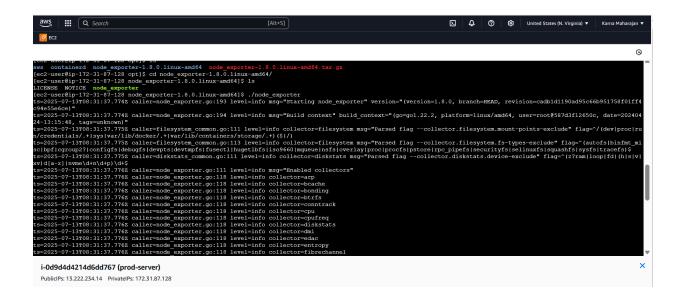
https://prometheus.io/docs/guides/node-exporter/

wget

https://github.com/prometheus/node_exporter/releases/download/v1.8.0/node_exporter-1.8.0.lin ux-amd64.tar.gz

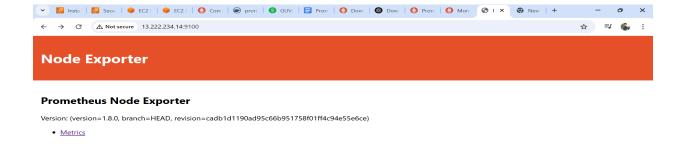
Untar the tar file using tar -xvzf

Run the ./node exporter the installation



Once the installation is done go to localhost:9100

Now check the node exporter is visible in browser



Integrate Node Exporter with Prometheus

Add Node Exporter to Prometheus Config

Edit your Prometheus config (prometheus.yml)

```
# Load rules once and periodically evaluate them according to the global 'evaluation_interval'.

rule_files'
# - "first_rules.yml"
# - "escond_rules.yml"
# - "escond_rules.yml"
# S ascraps configuration containing exactly one endpoint to scrape:

# Hare at's Prometheus itself.

recrape_configuration evaluation to scrape:
# The job name is added as a label 'job=<job_name>' to any timeseries scraped from this config.

# imetrics_path defaults to '/metrics'
# scheme defaults to 'http'.

static_configs:
- targets: ["localhost:9090"]
# The label name is added as a label 'label_name=<label_value>' to any timeseries scraped from this config.

labels:
app. "prometheus"

- job_name: "node_exporter"

static_configs:
- targets: ["13.222.234.14:9100"]
labels:
app. "node_exporter"

"prometheus.yml" 401, 1233B

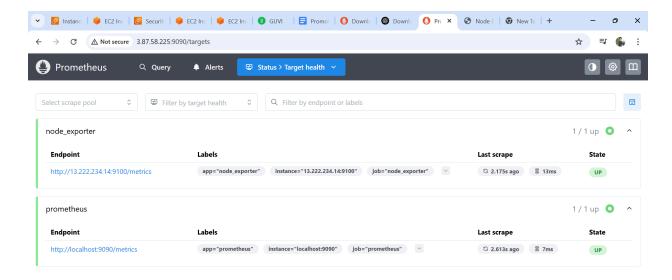
40,0-1 Bot

i-Od981ef8485741e8f (Promethus-Grafana)
PublidPs:38758225 PrivatePs:172.31.95.141
```

Restart the prometheus

Once the server is restart

Go to browser we can see the node porter is added in prometheus



Installing Grafana

Follow the same procedure like prometheus and node exprter

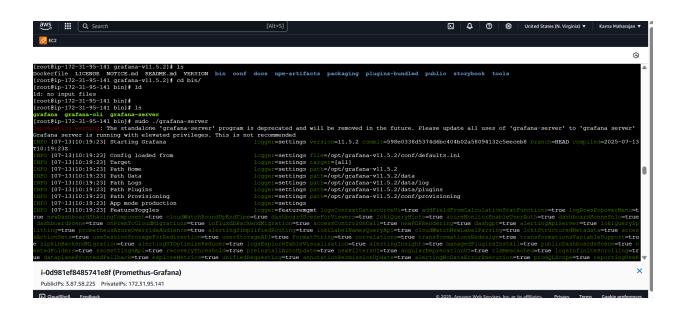
wget https://dl.grafana.com/enterprise/release/grafana-enterprise-11.5.2.linux-amd64.tar.gz

tar -zxvf grafana-enterprise-11.5.2.linux-amd64.tar.gz

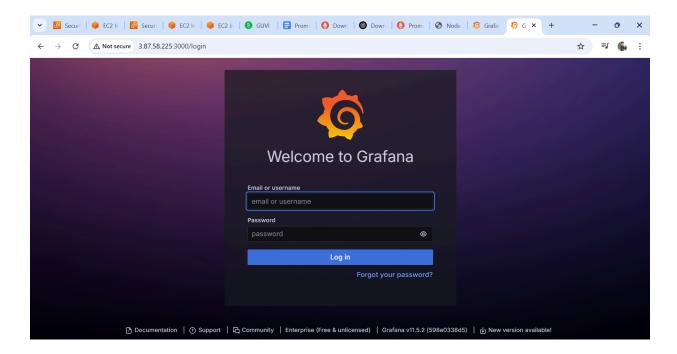
cd grafana-enterprise-11.5.2

./bin/grafana-server web

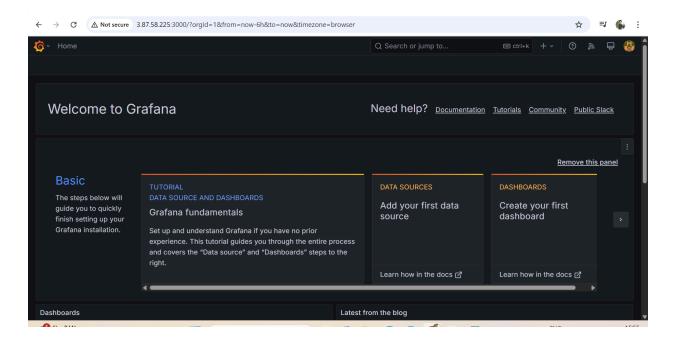
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Grafana-vil. 5. 2/storybook/375. 16516se. iframe. bundle. js
grafana-vil. 5. 2/storybook/876. 38074se. iframe. bundle. js
grafana-vil. 5. 2/storybook/86. 38074se. iframe. bundle. js
grafana-vil. 5. 2/storybook/8917. 2218se. j. iframe. bundle. js
grafana-vil. 5. 2/storybook/8917. 2218se. j. iframe. bundle. js
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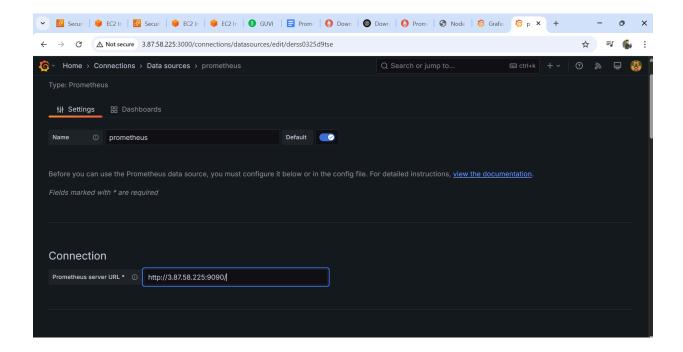


Login username(admin) and password (admin)

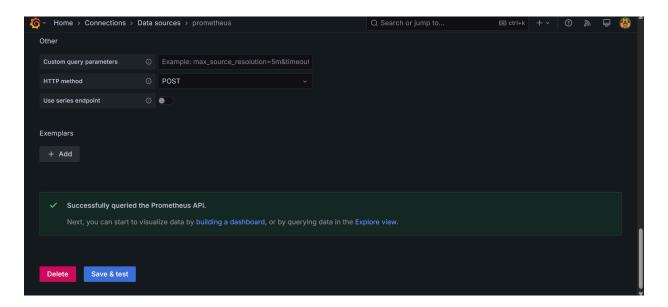


Add datasource as Prometheus server ip

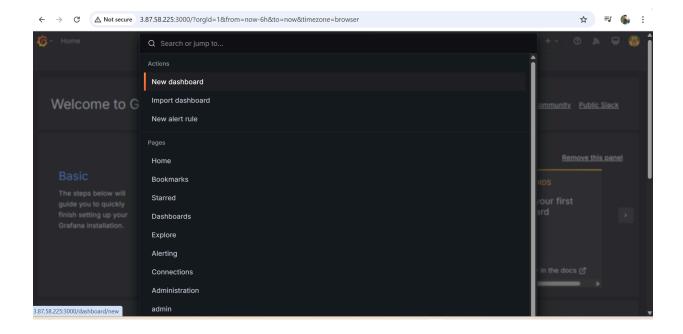


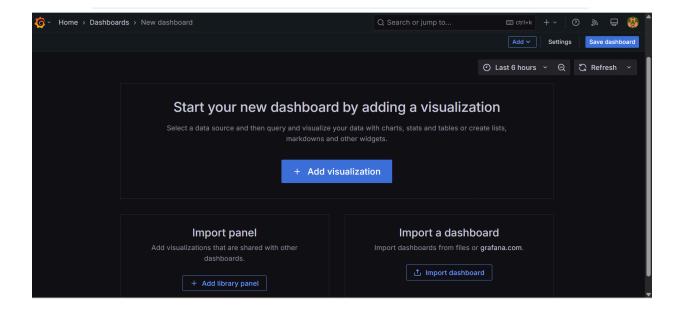


Finally save it



Set the metric to monitor the server activity





Here we can see the node_exporter server utilization and metric

