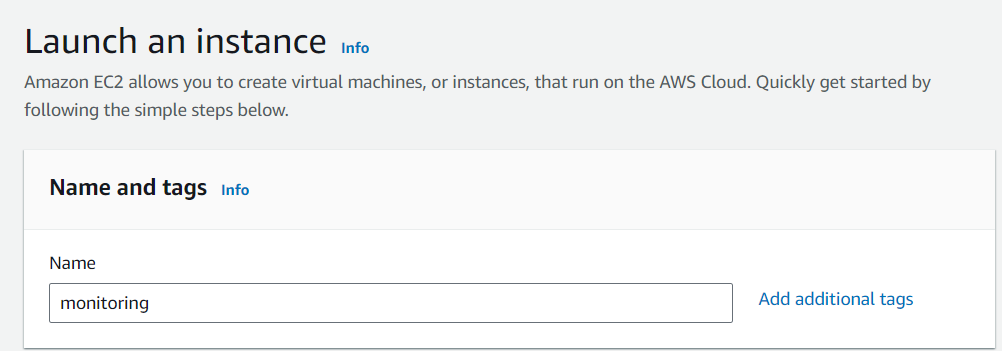
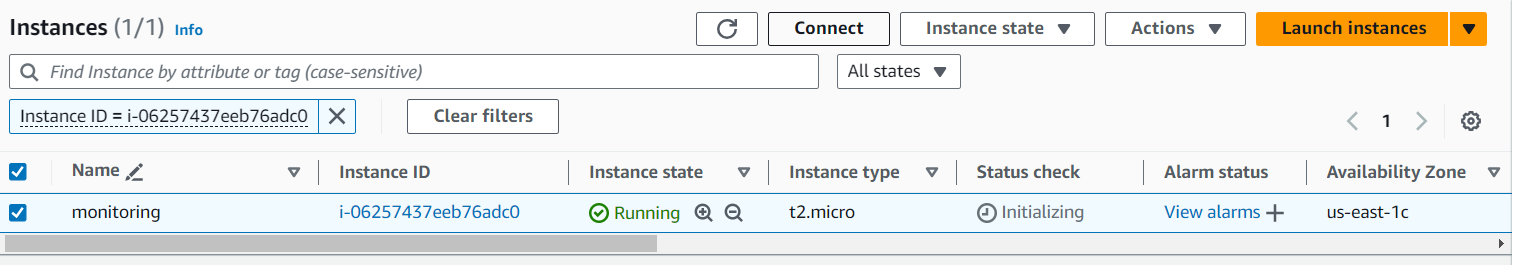
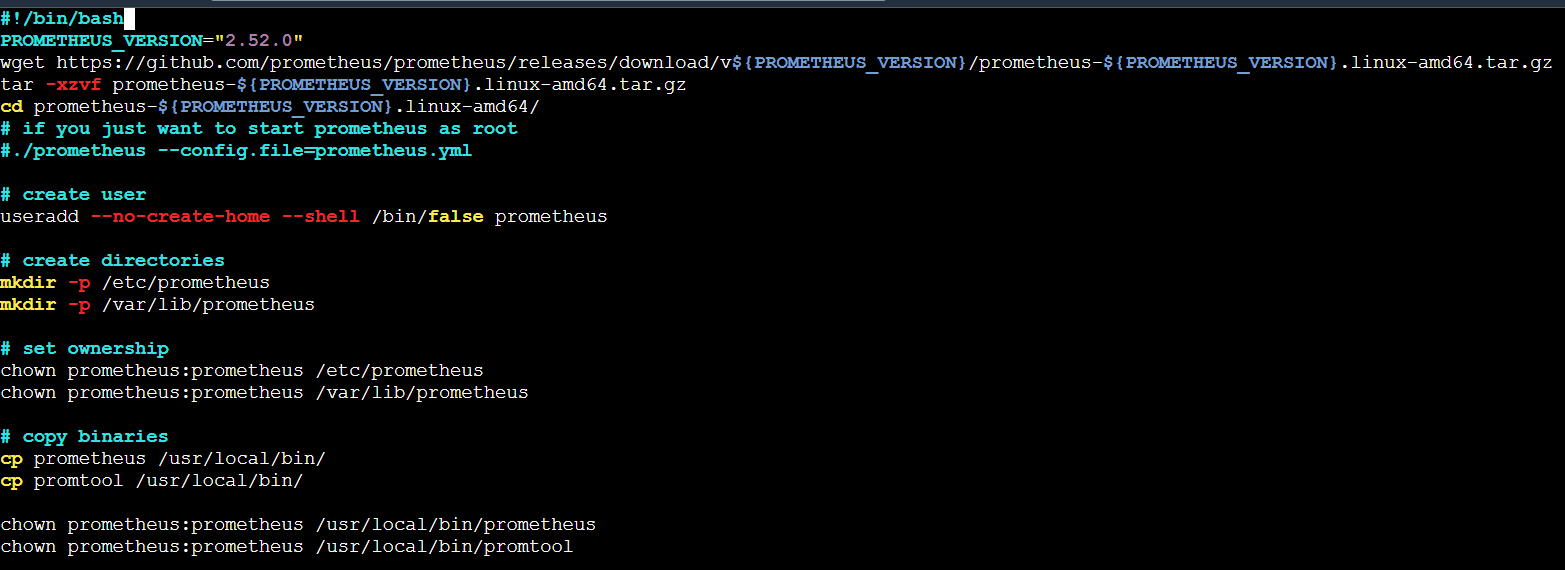
**Task 21: Install Prometheus and Grafana on a EC2 machine, connect Prometheus to Grafana, and create a dashboard to view metrics.**



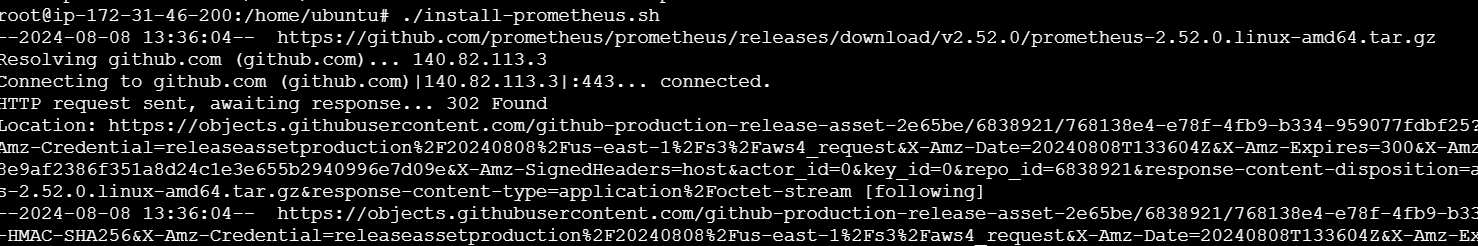


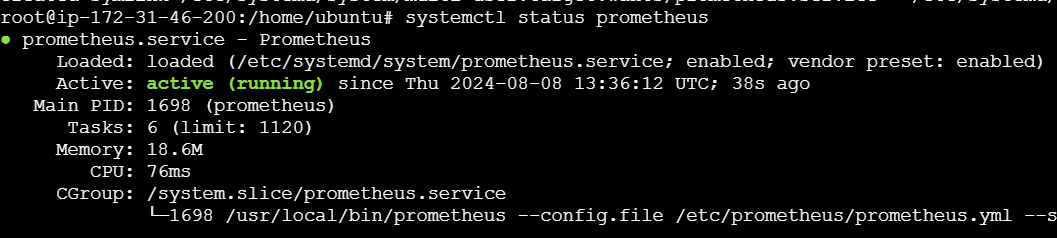
1. **Install-Prometheus:**

Vi **install-prometheus.sh**

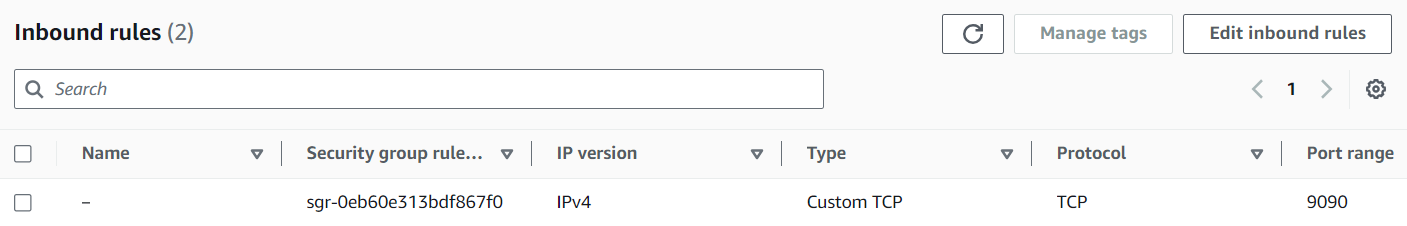


**Execute install-prometheus.sh**

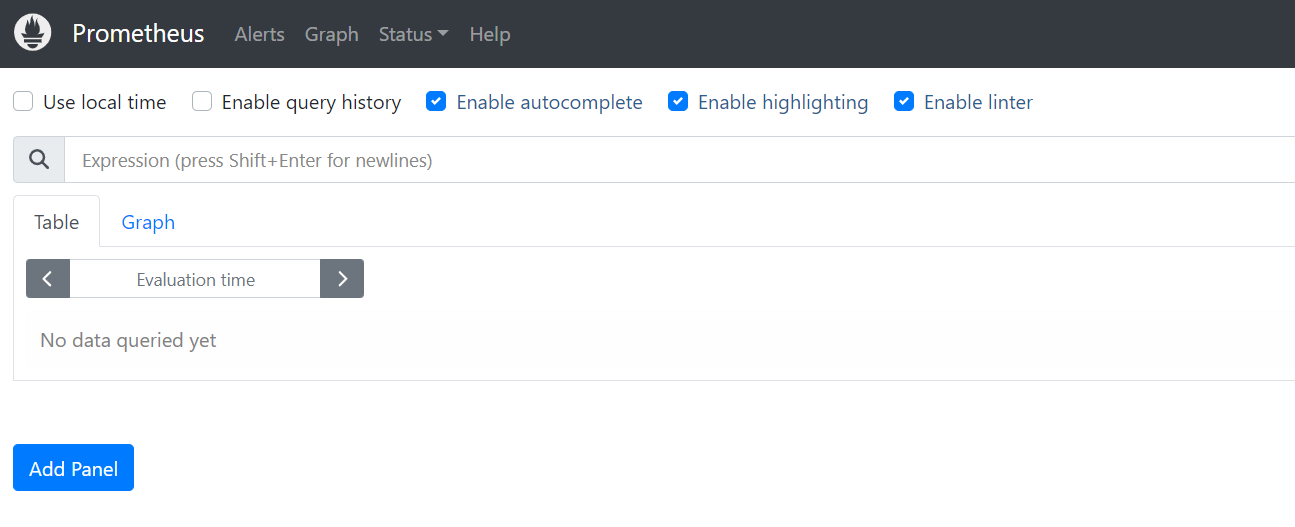
****

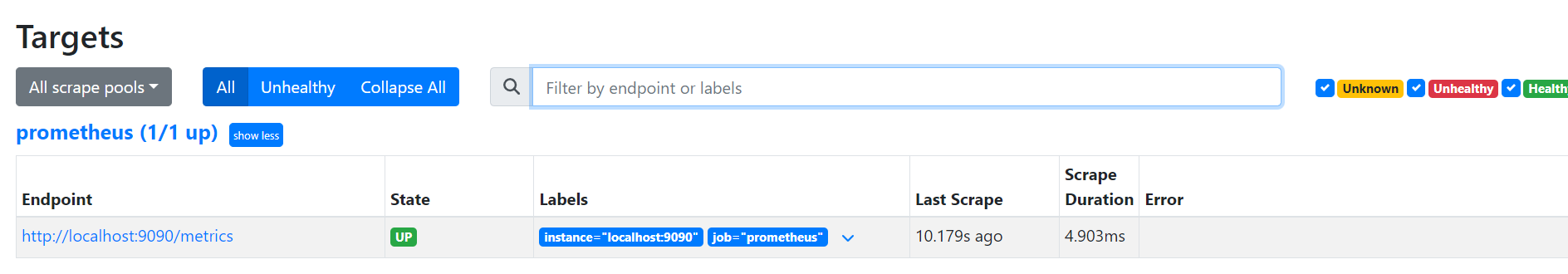
****

**Open port no: 9090**

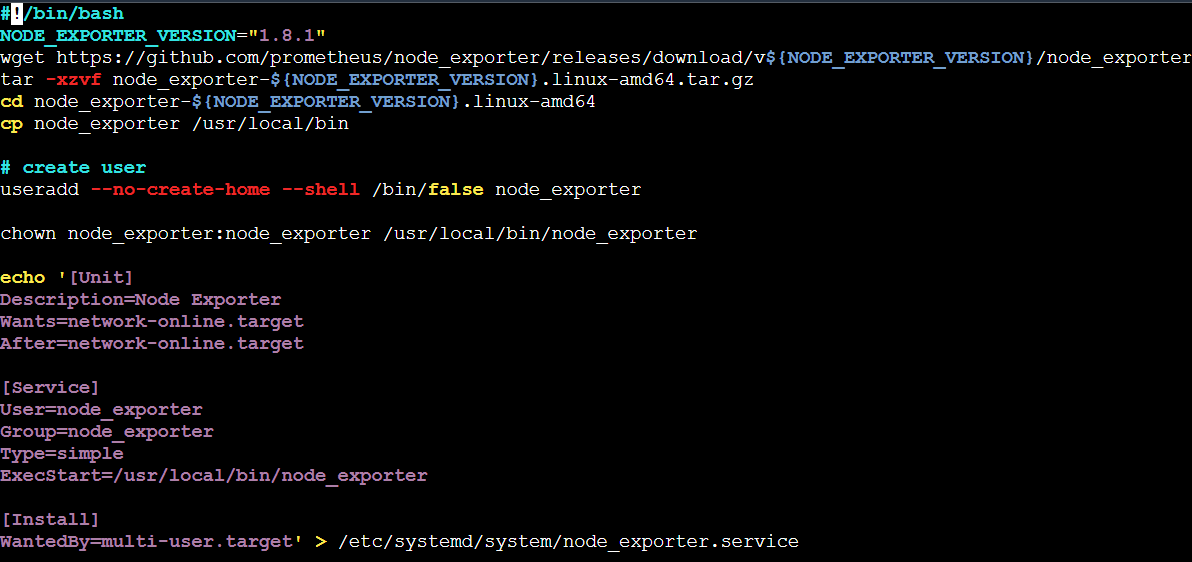
****

**Copy ip address and paste it in browser**

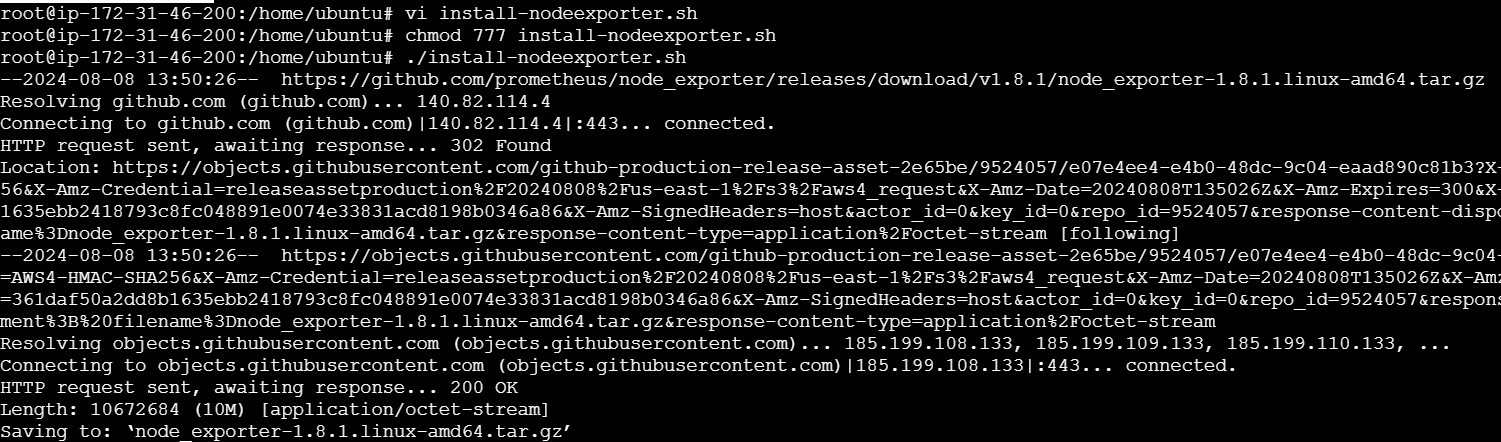
****

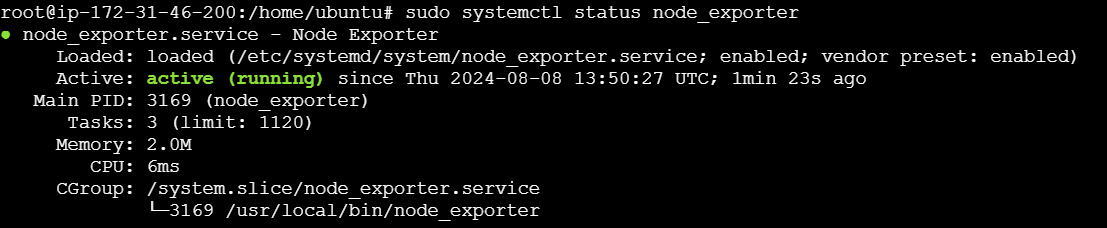
****

1. **Install node exporter:**

****

**Execute install-nodeexporter.sh**

****

****

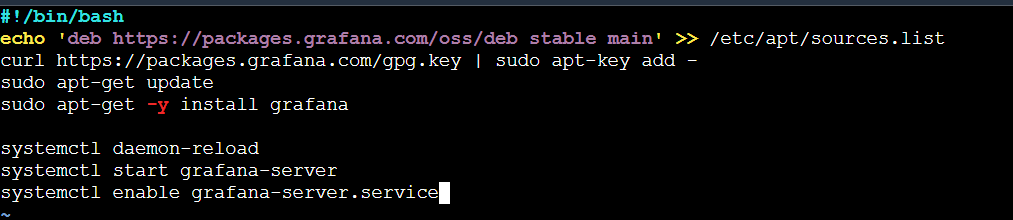
**Open port no: 9100**

****

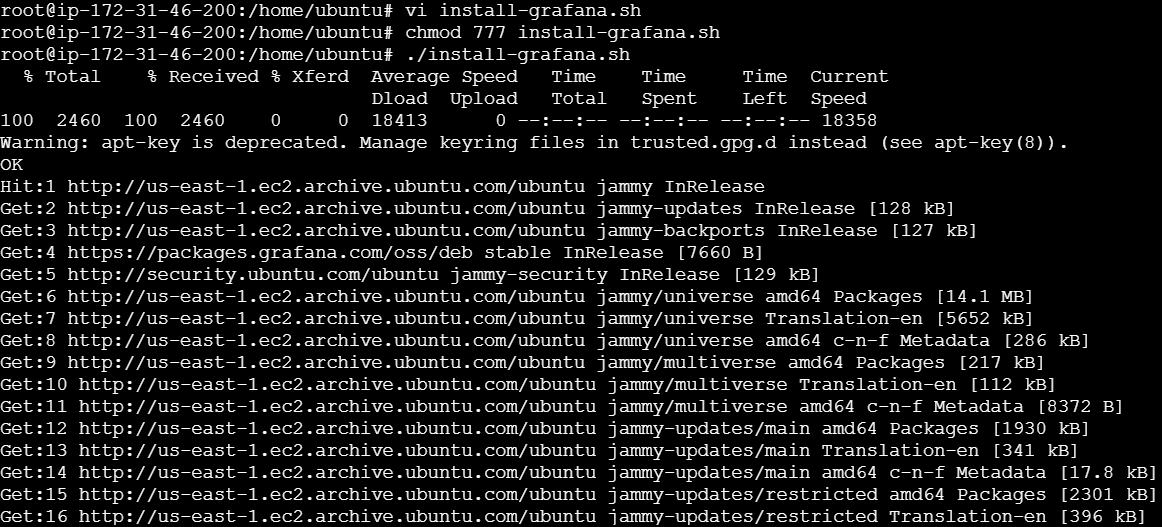
**Copy ip address and paste it in browser**

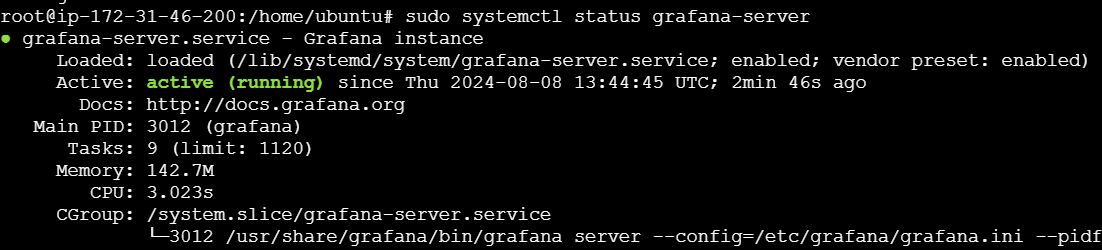
****

1. **Install Grafana:**

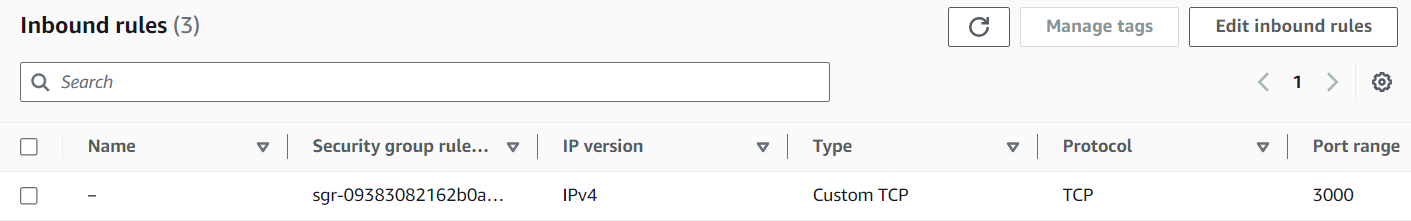
****

**Execute install-grafana.sh**

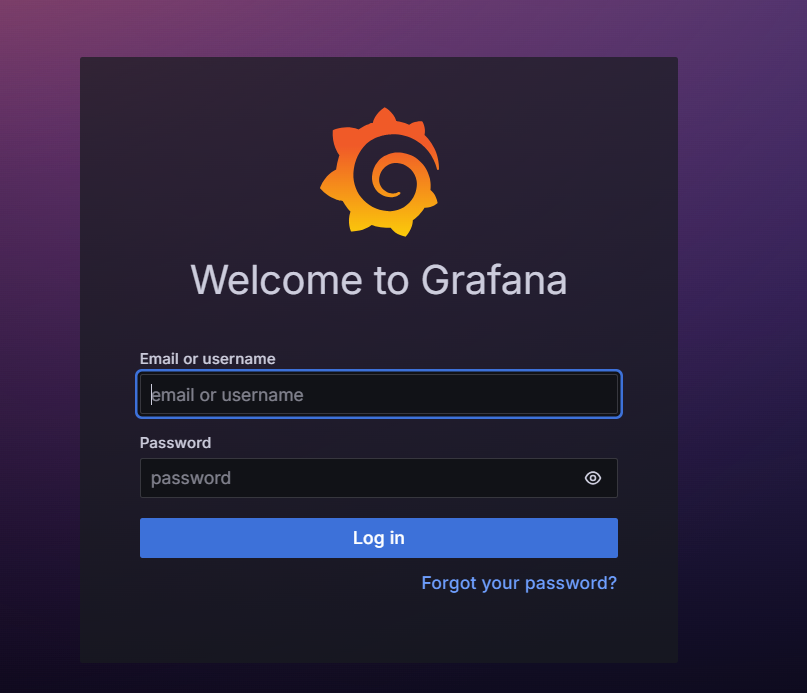
****

****

**Open port no: 3000**

****

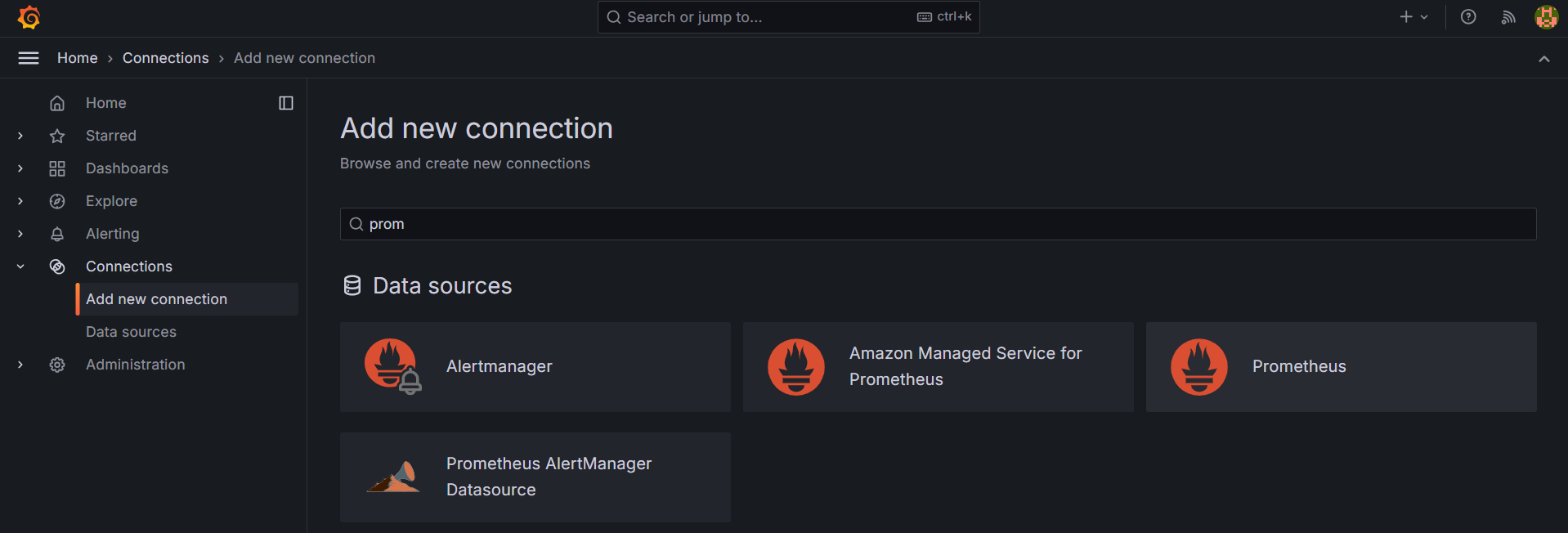
**Copy ip address and paste it in browser**

****

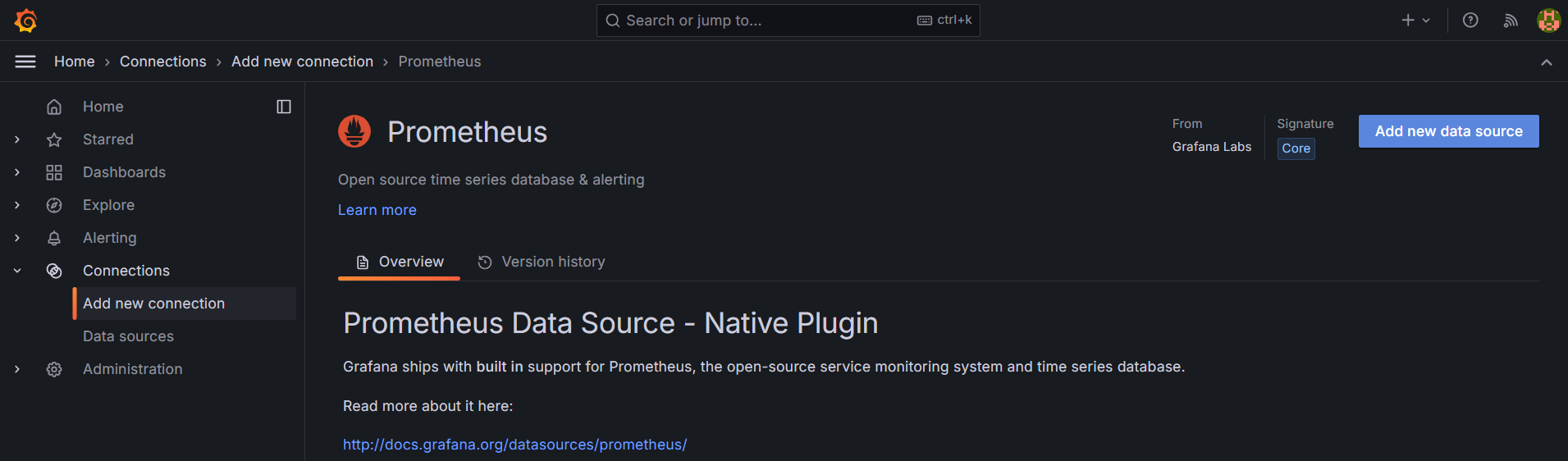
**Initially give admin as login and admin as password. After that change the password.**

1. **Connect Prometheus to Grafana:**

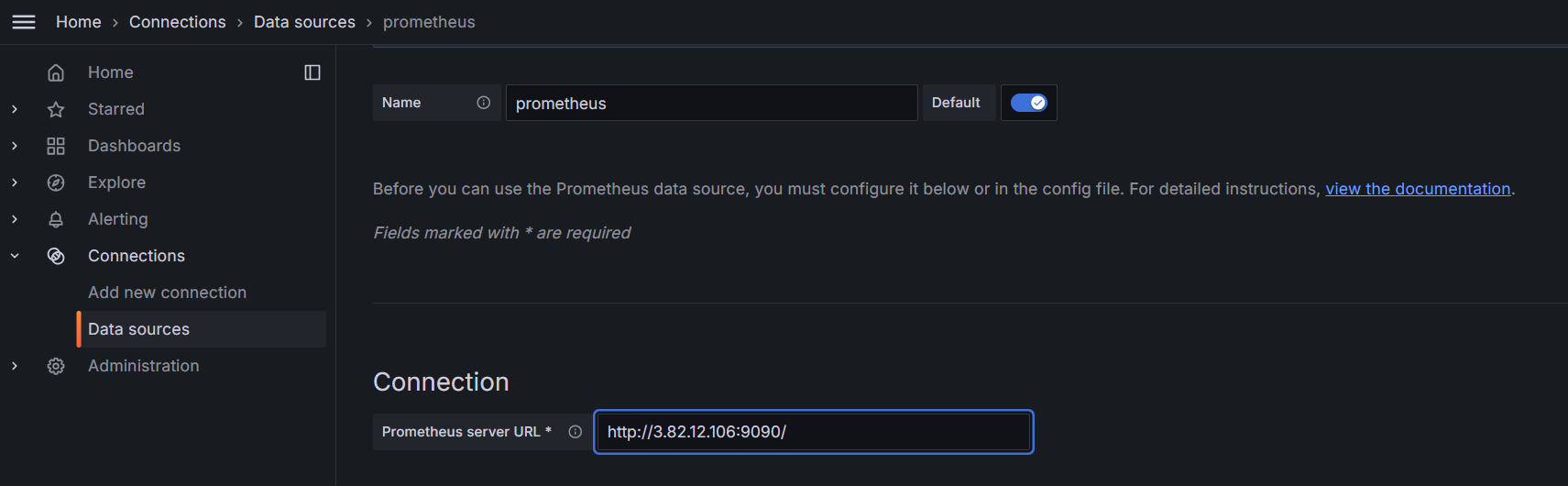
**Add Prometheus in Grafana**

****

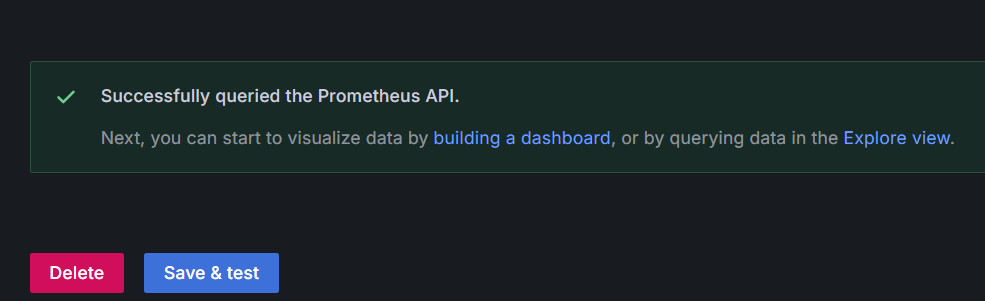
**Add new data source**

****

**Copy and paste the Prometheus ip address in grafana**

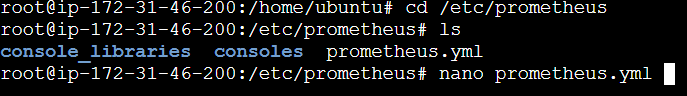


**Click save and test**

****

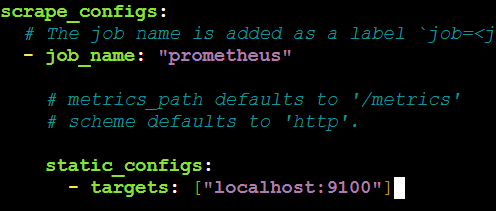
**Prometheus configuration file:**

**While install Prometheus, Promrtheus.yaml file created. get into that file using nano editor**

****

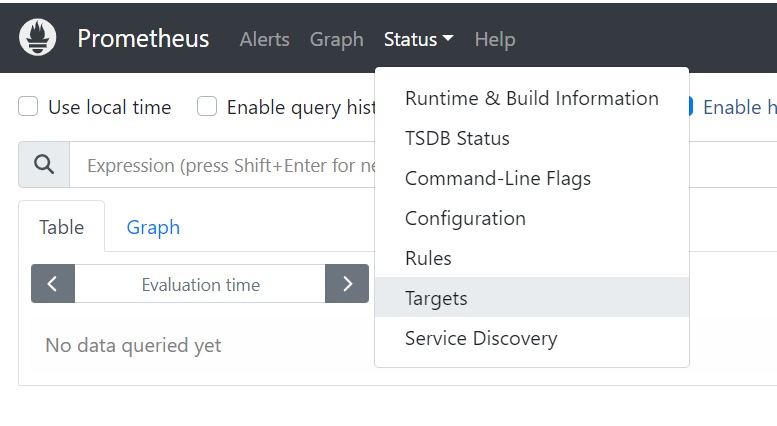
**Add node exporter in Prometheus.yaml file:**

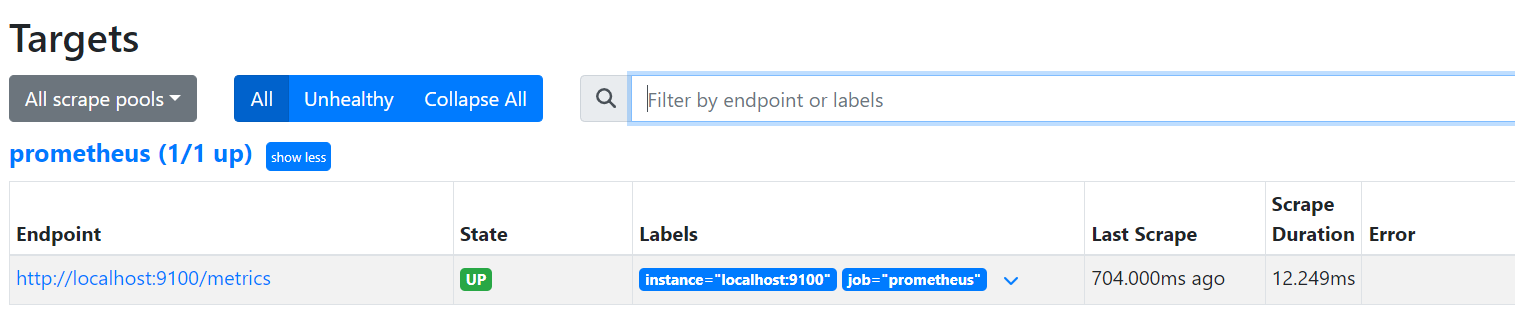
**Change local host 9100 [node exporter port no:]. Save the file [ctrl+x 🡪 y🡪 enter]**

****

****

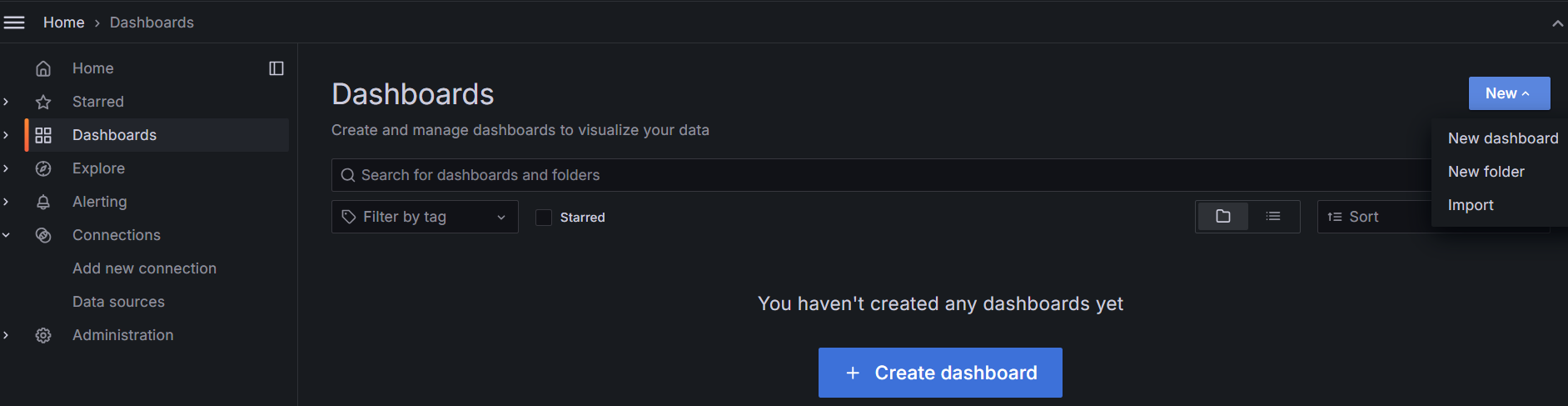
**Refresh the Prometheus page. Click status 🡪 targets**

****

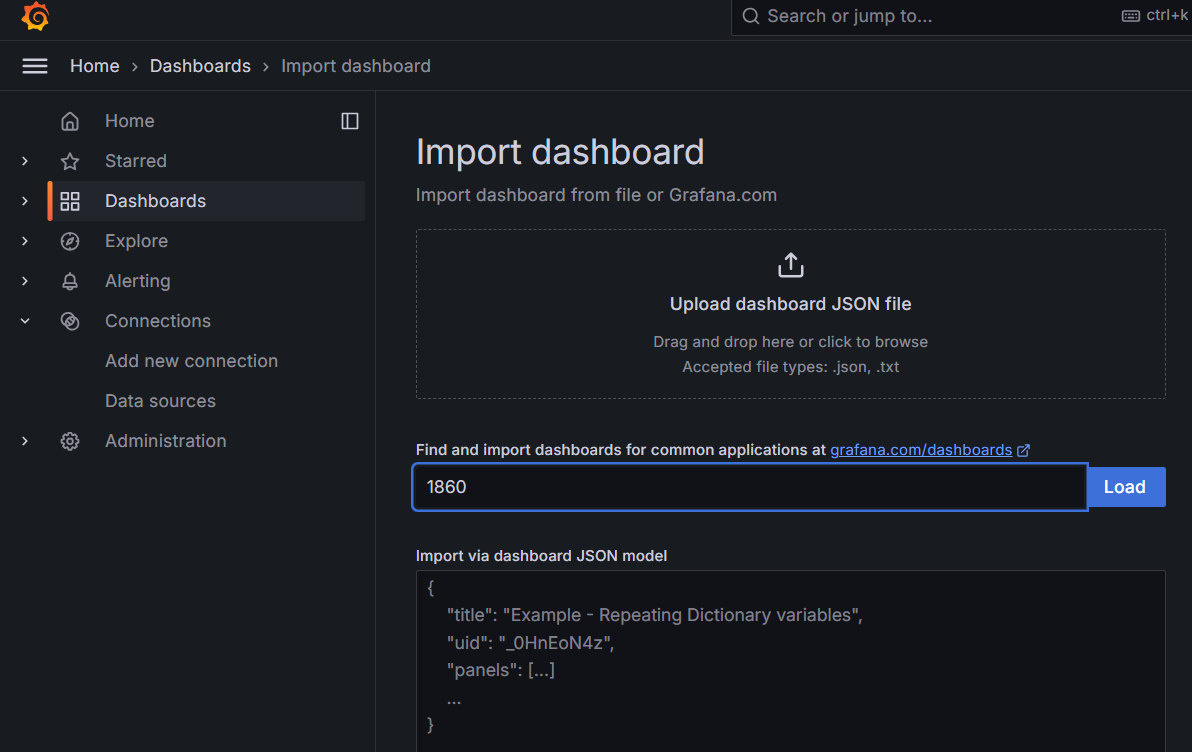
****

1. **Create a dashboard to view metrics:**

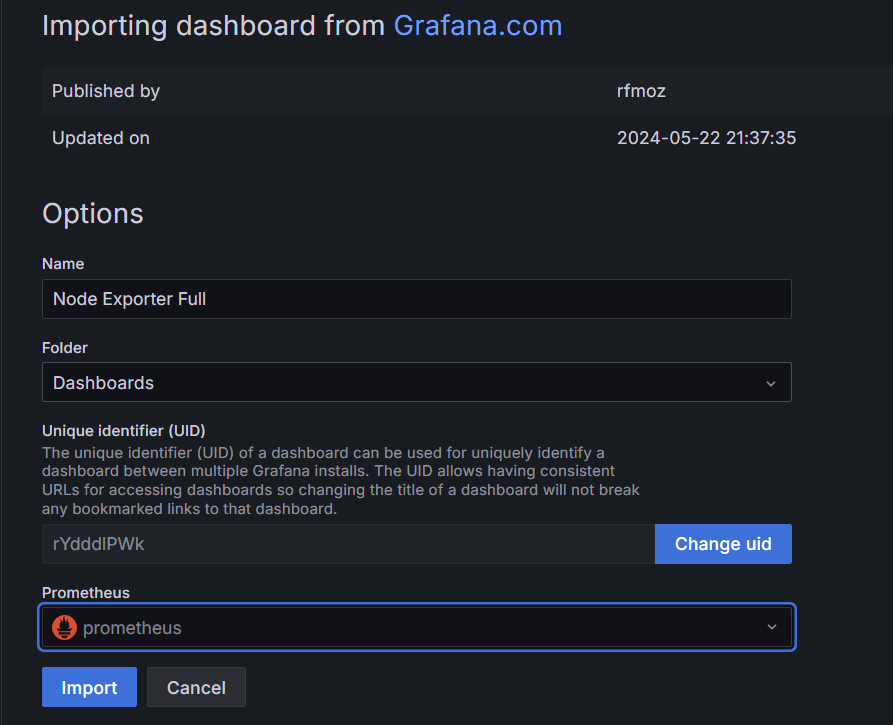
**Goto Grafana page click dashboard🡪 new 🡪 import 🡪**

****

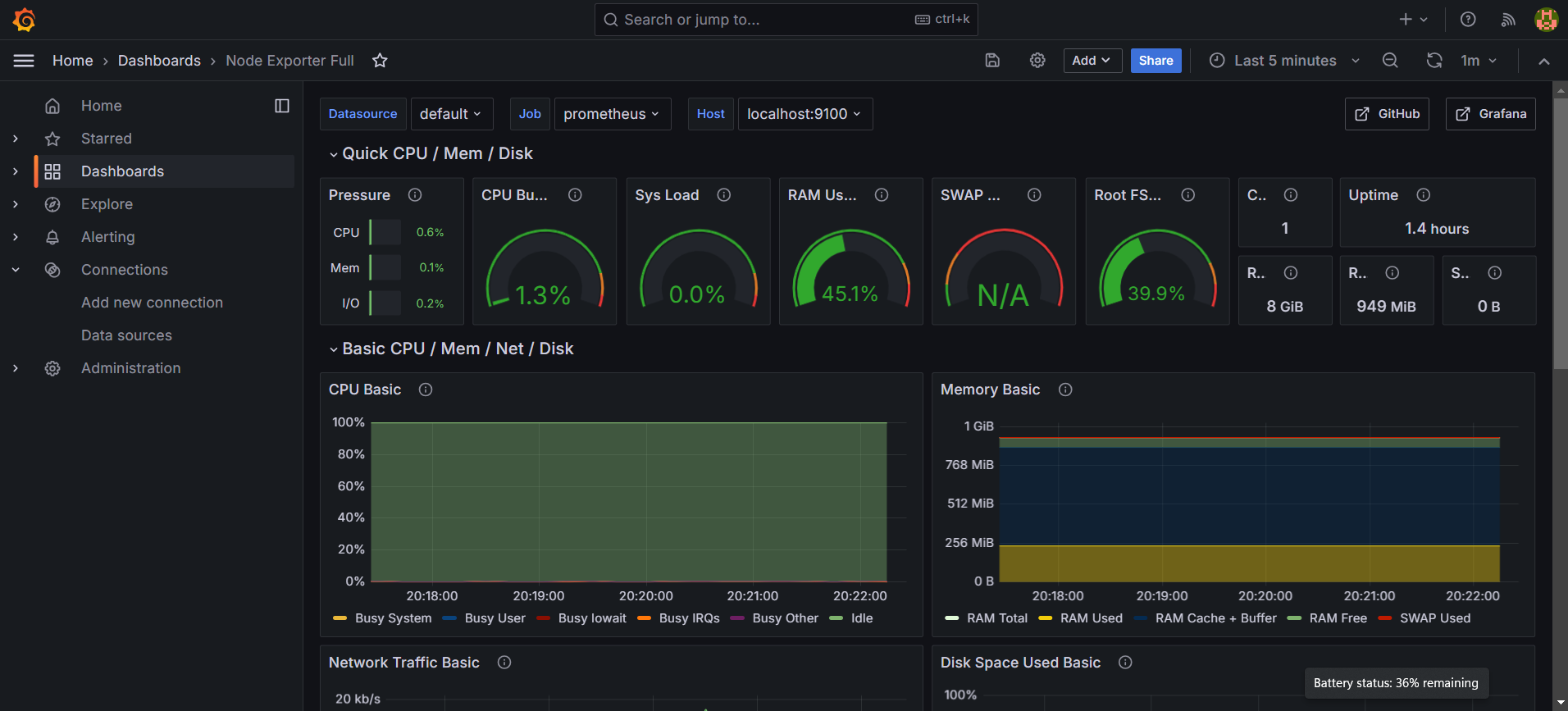
**give 1860 [pre build dashboard] click load**

****

**Select source ad Prometheus. Click 🡪 import**

****

**Click last 5 mint**

****