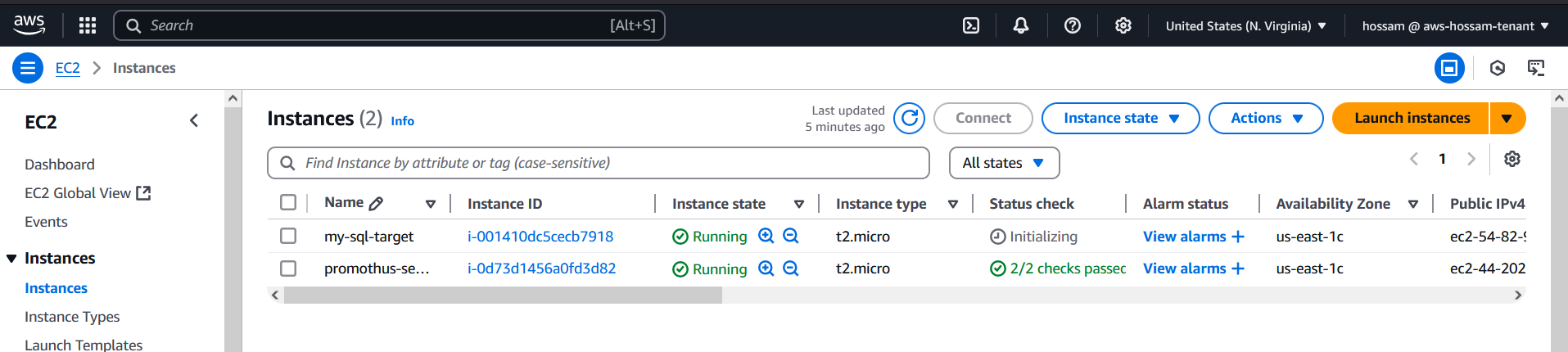
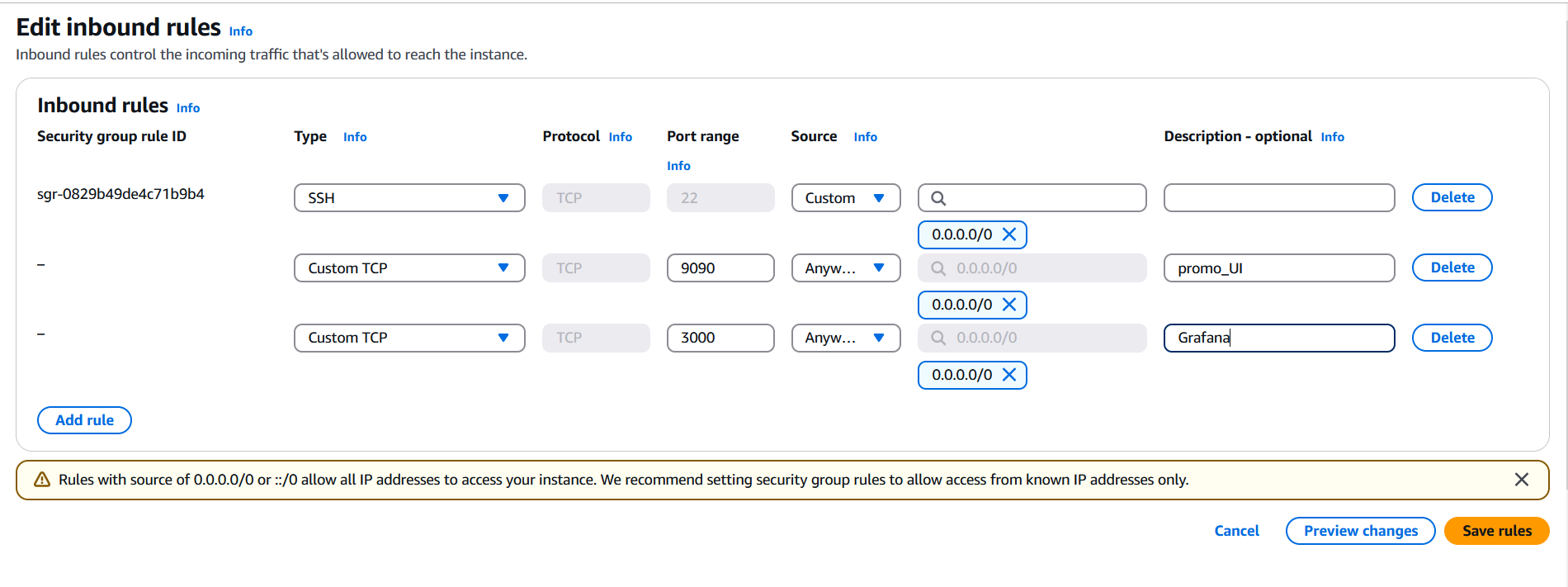
[ Monitoring-MySql-App-Using-Prometheus & Grafana ]

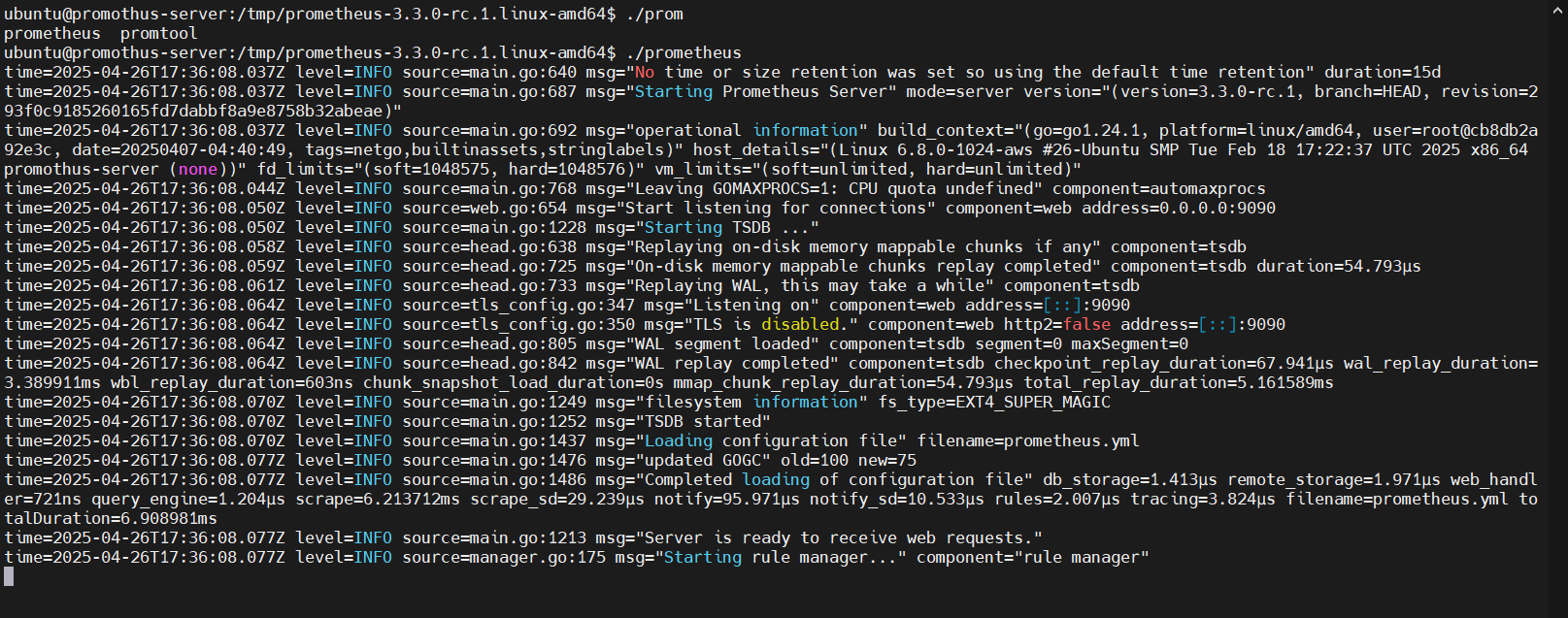
1. Creating an Ec2 on Aws setup Prometheus server



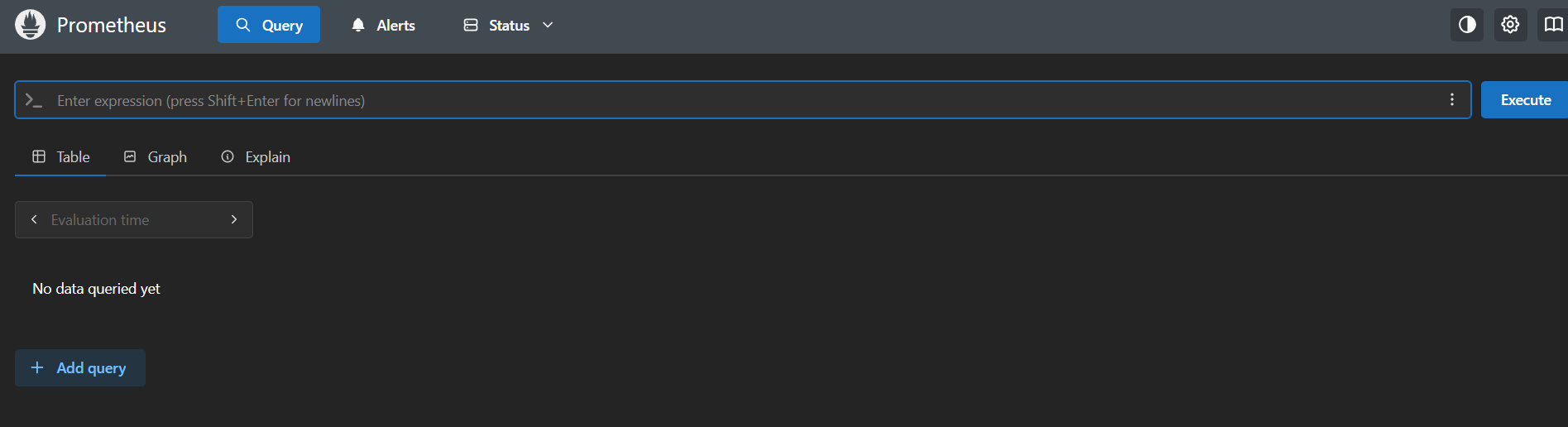
1. Security Group open ports needed to Prometheus server :



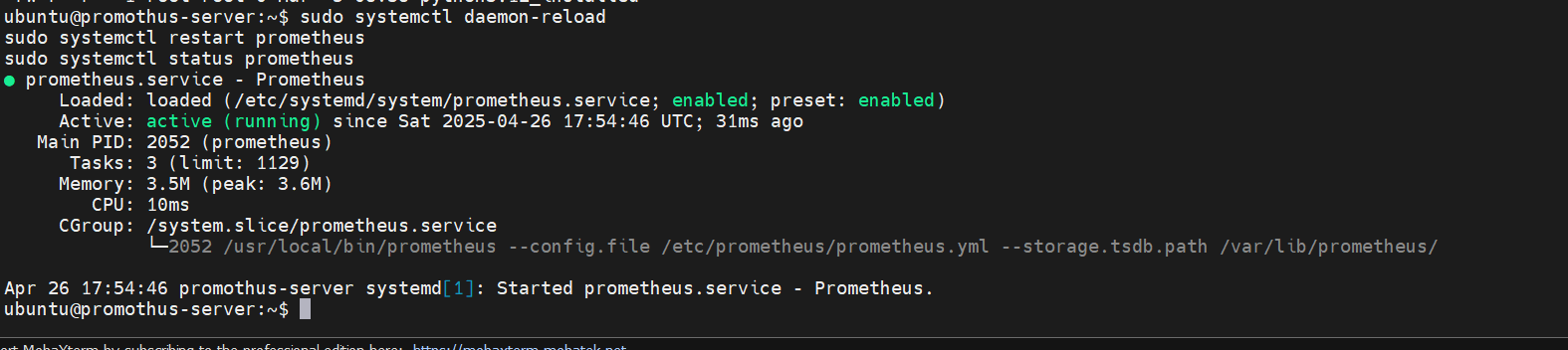
1. Configure & install Prometheus server (run as a systemd)



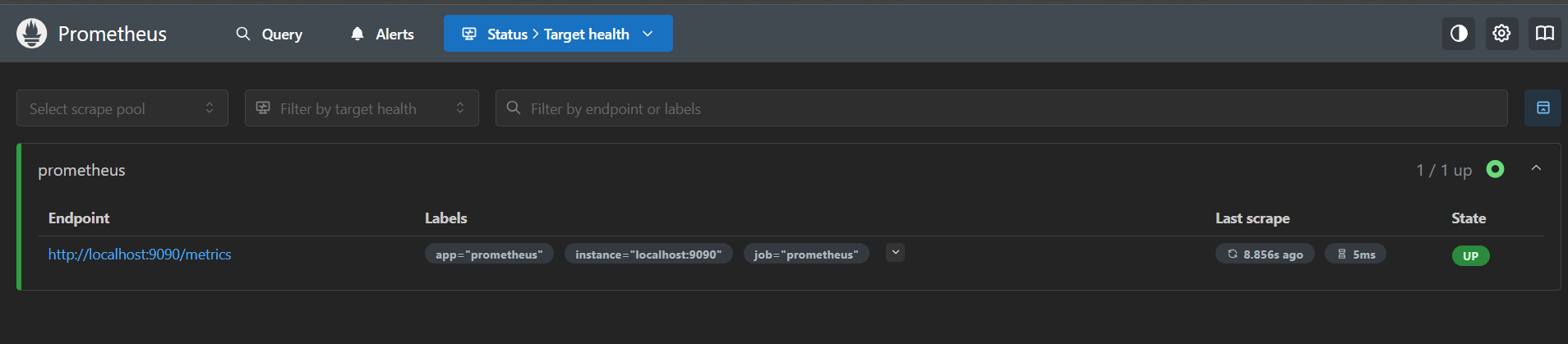
Discover UI : http://<ec2-public-ip>:9090



Run as a systemd :

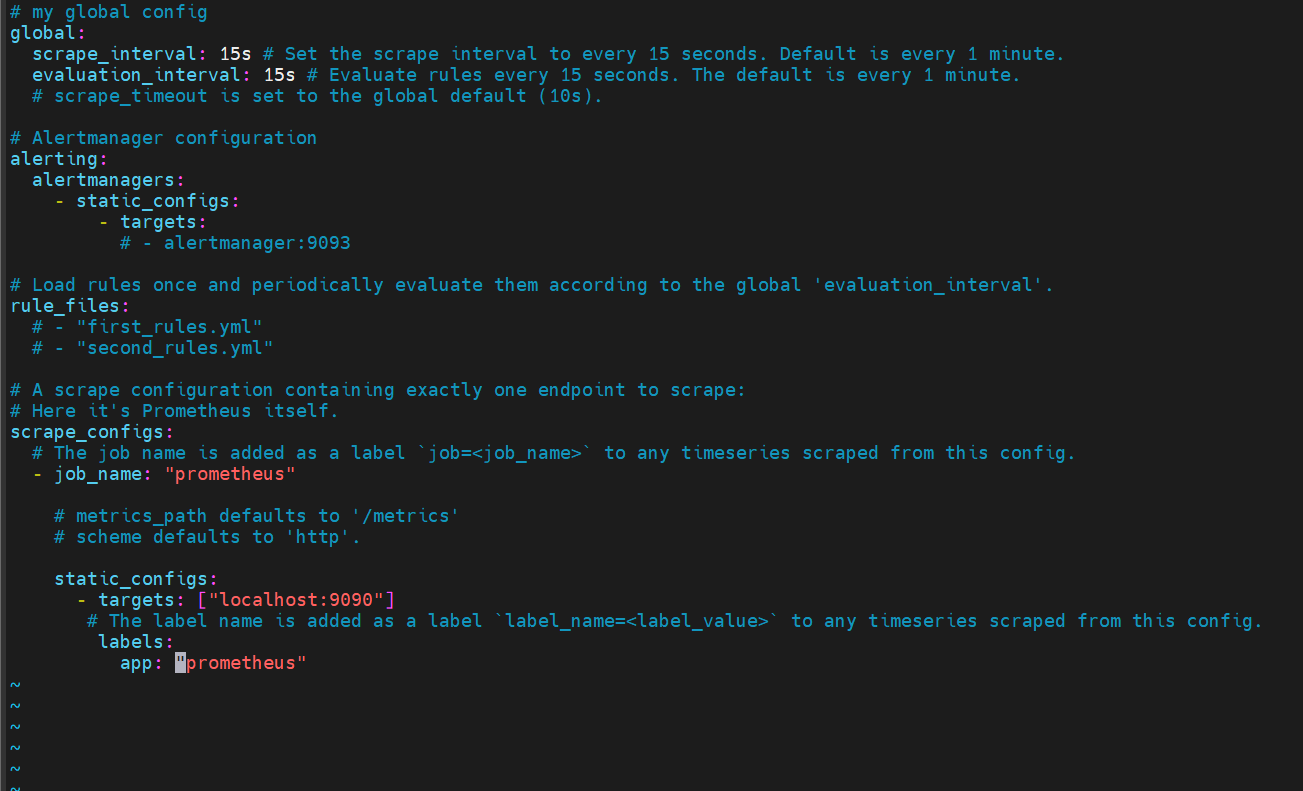


Prometheus and monitor up :



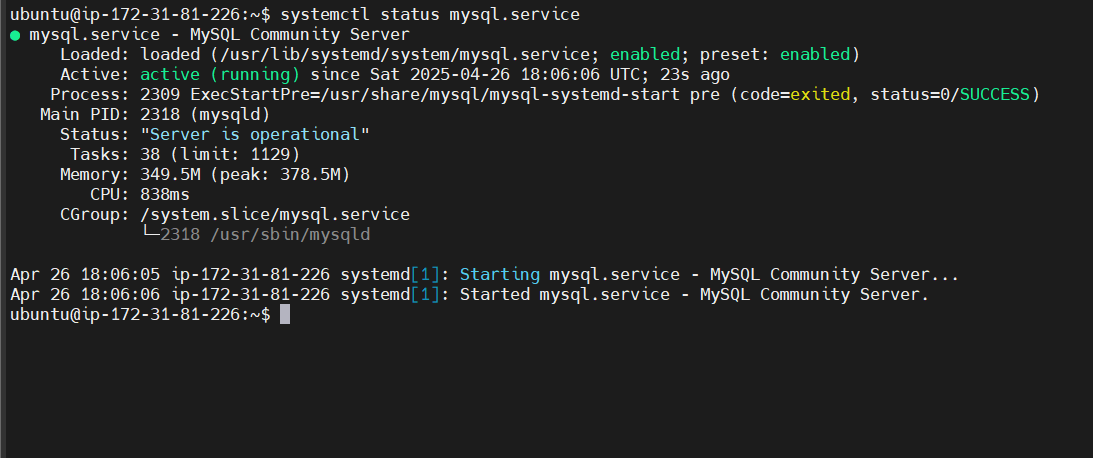
What is this target Prometheus monitor itself to check?

# this information in configuration file

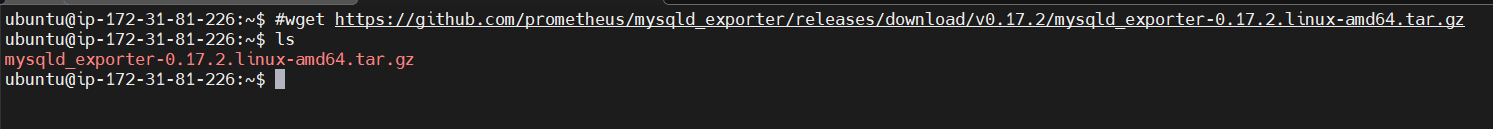


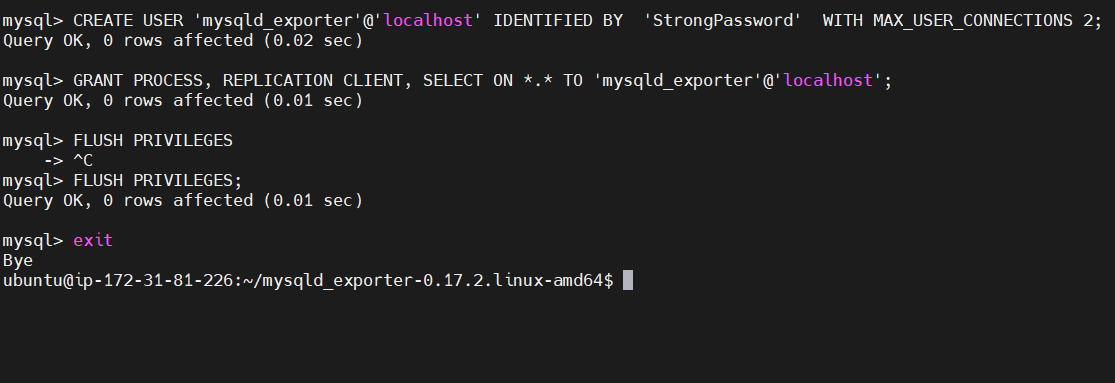
2- setup a mysql node as a target

First : install & prepare server as mysql server :

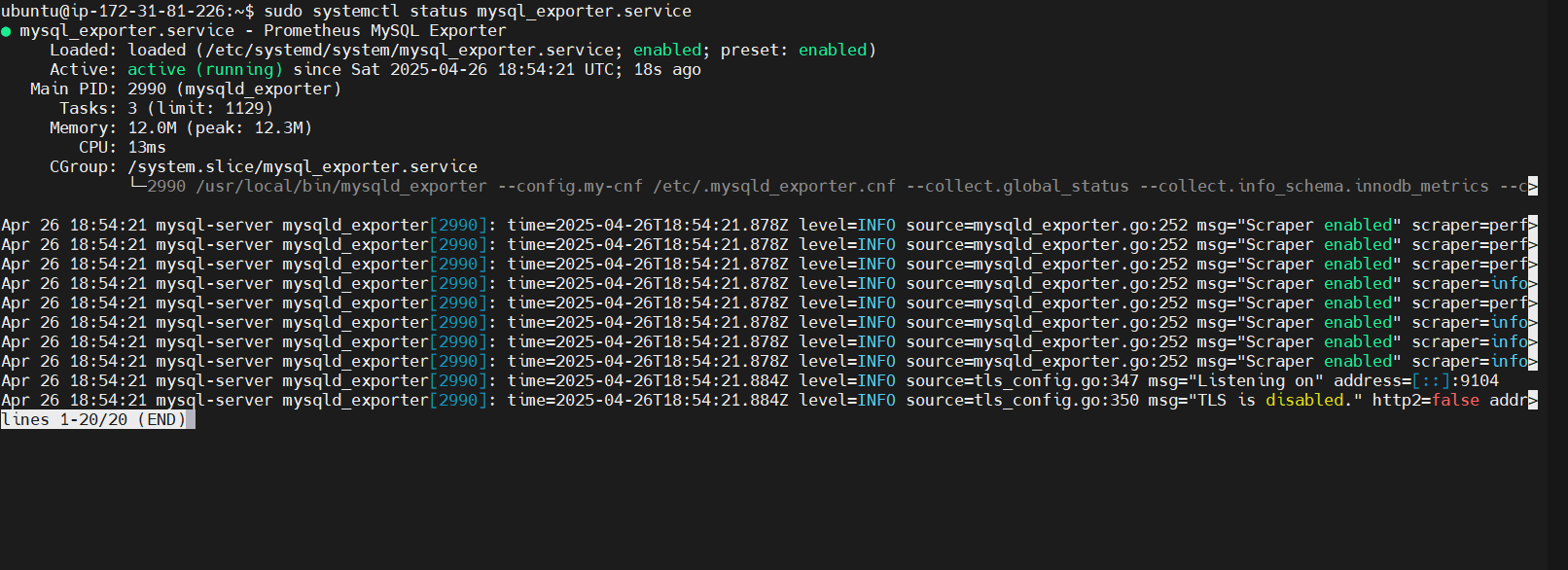


Second : install exporter & setup

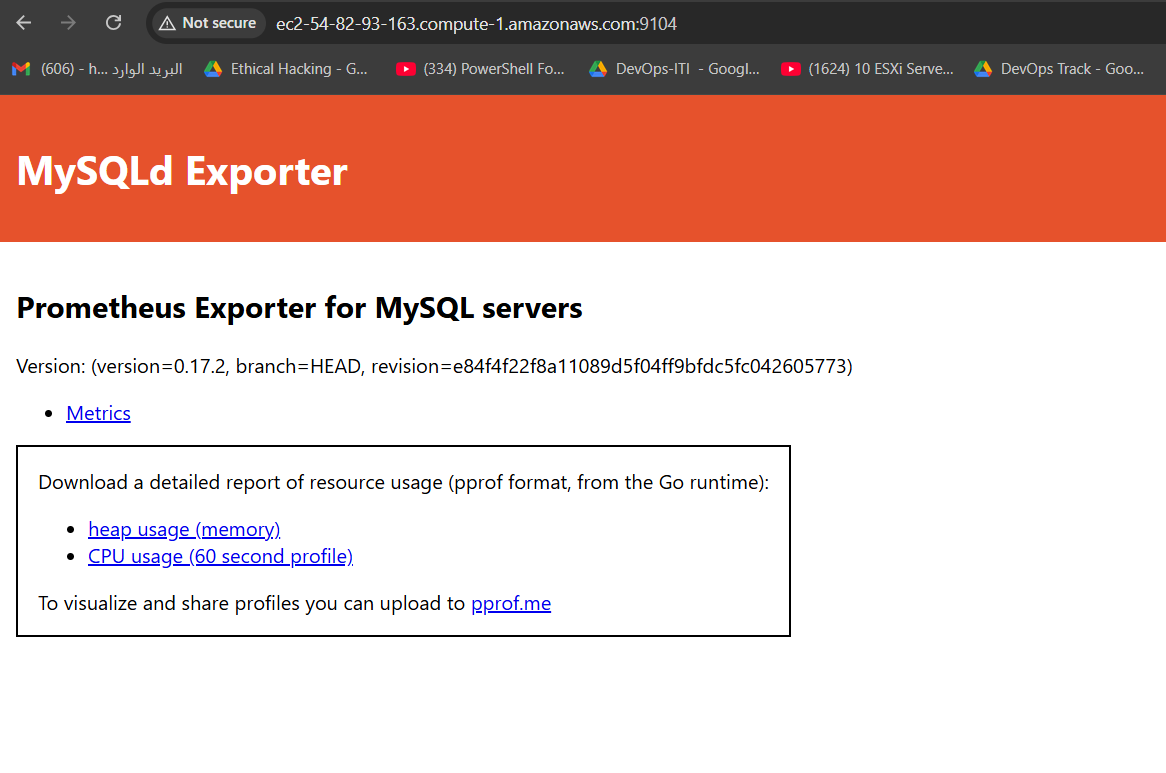


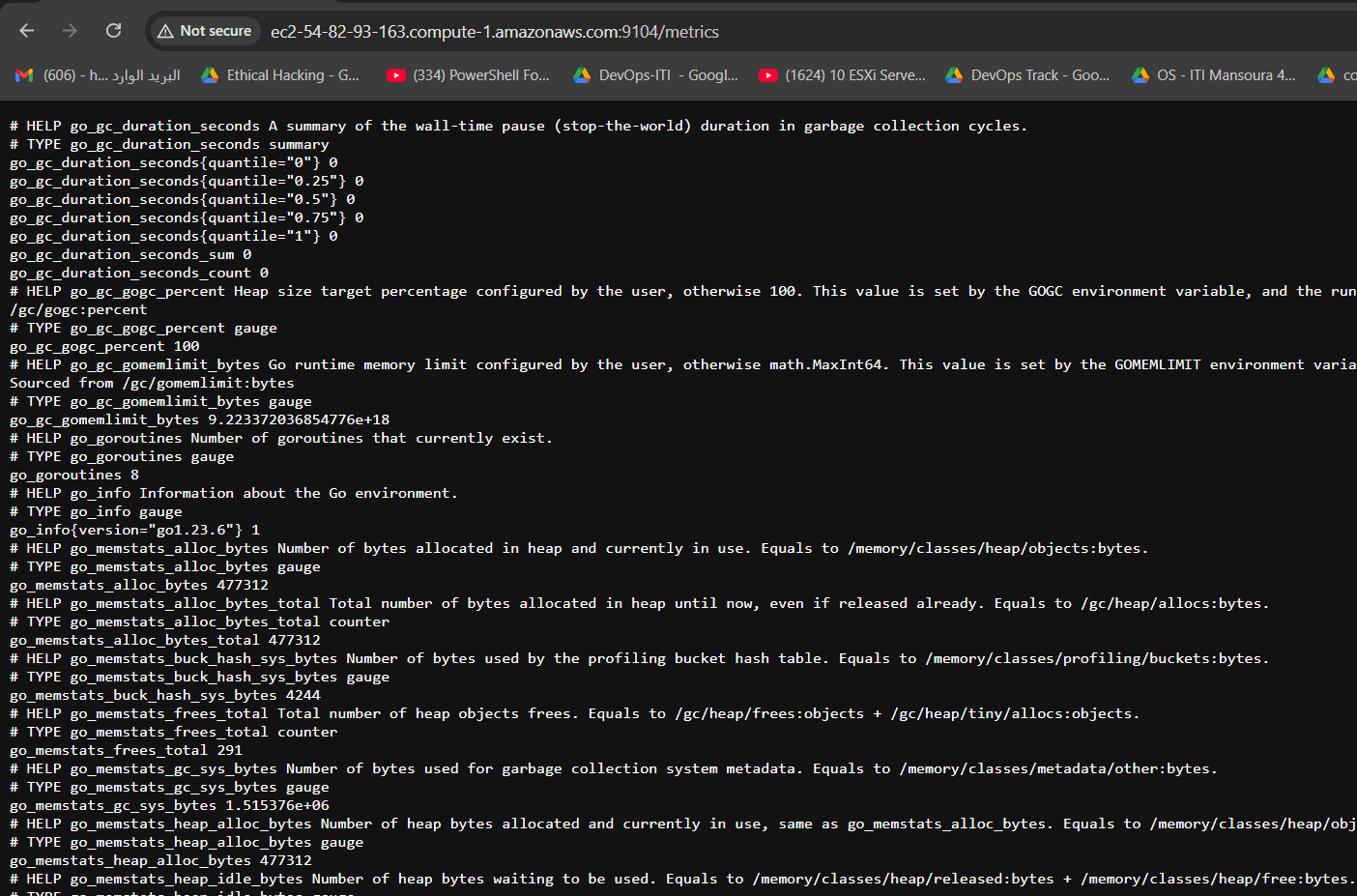
Third : enter to Db and create user & give permission to exporter   


fourth : mysql exporter as a service

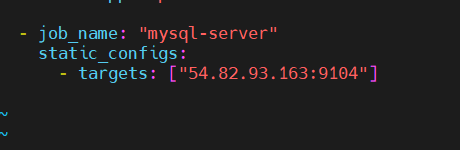


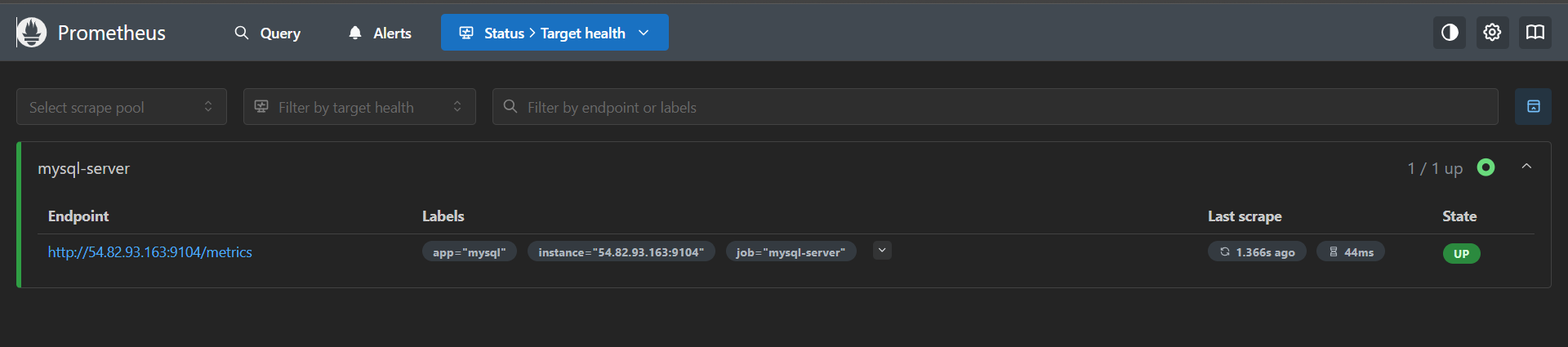
Validation :

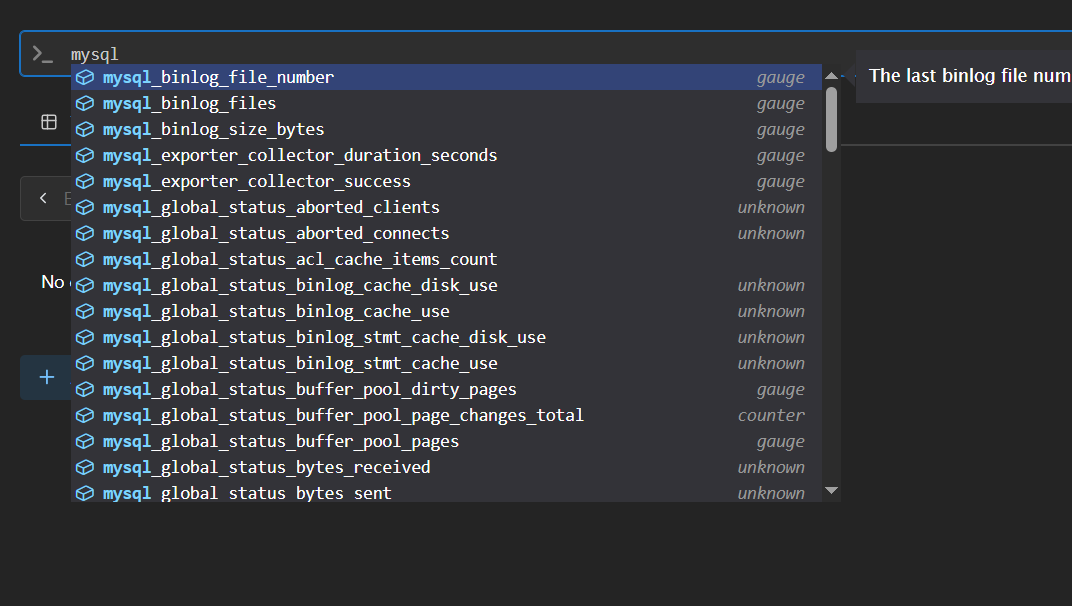




Configure target and add to Prometheus server :

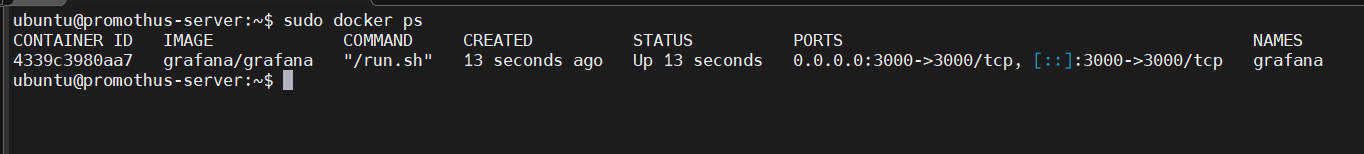


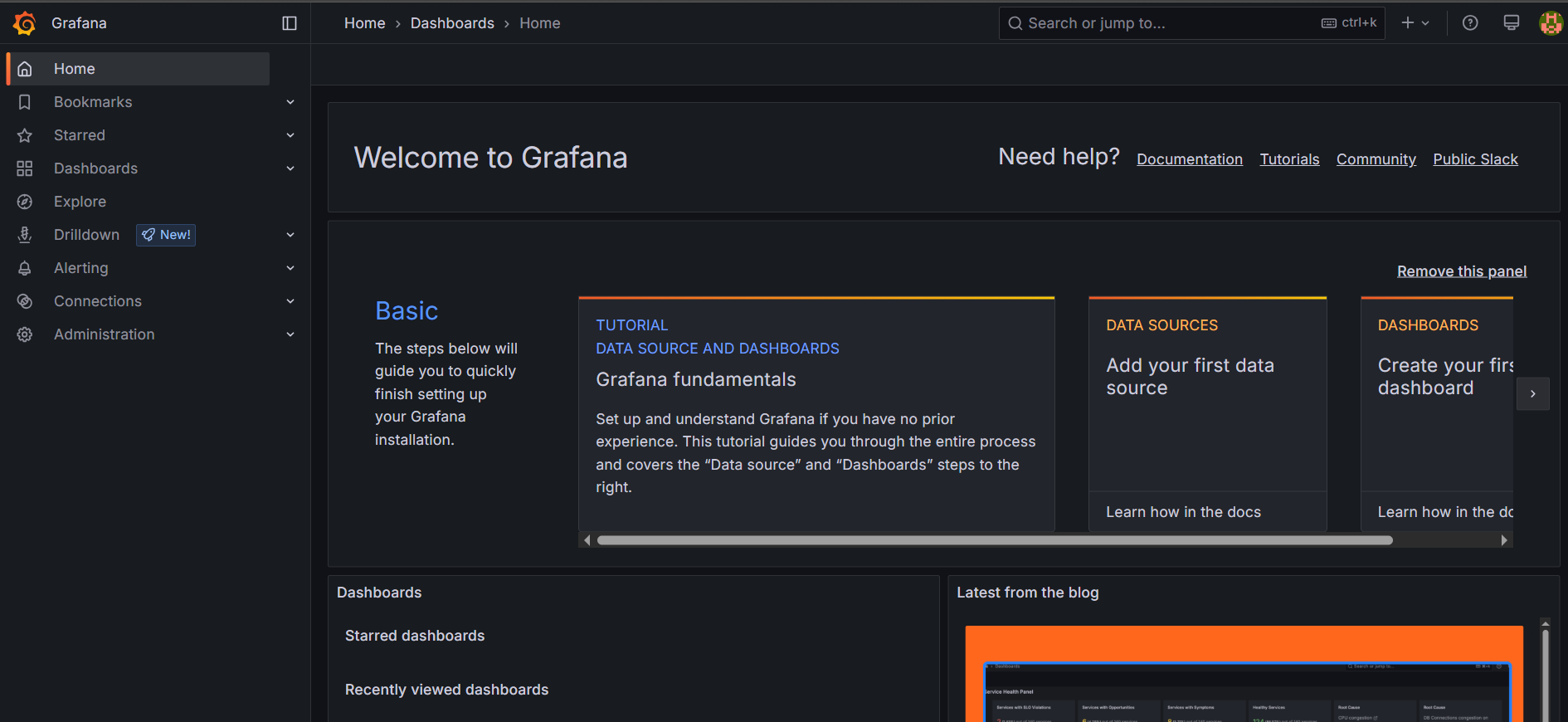
# sudo systemctl restart prometheus.service  
  
  


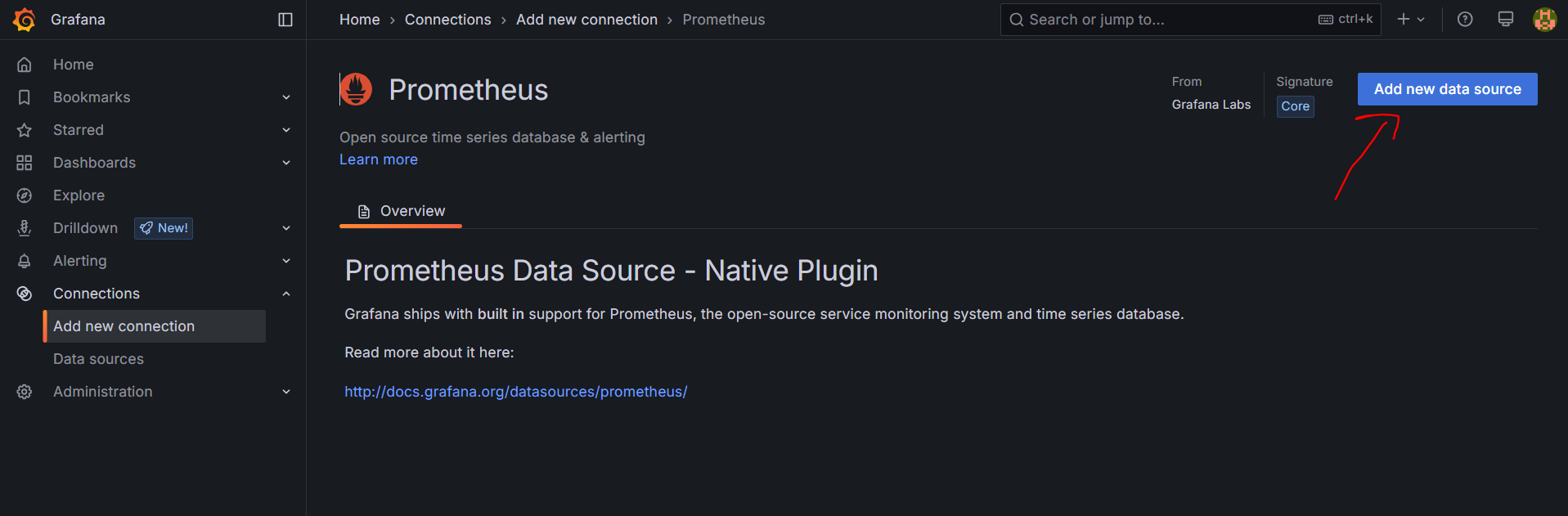


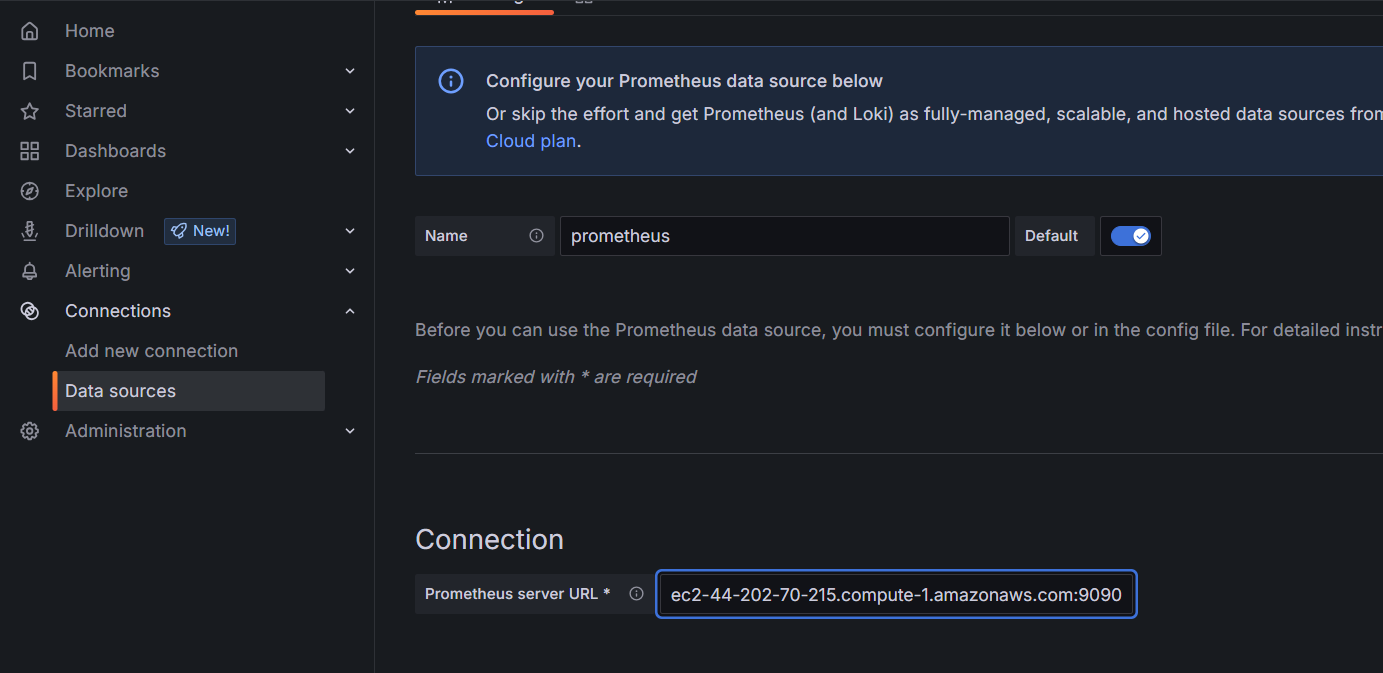
3- install Grafana and integrate with Prometheus

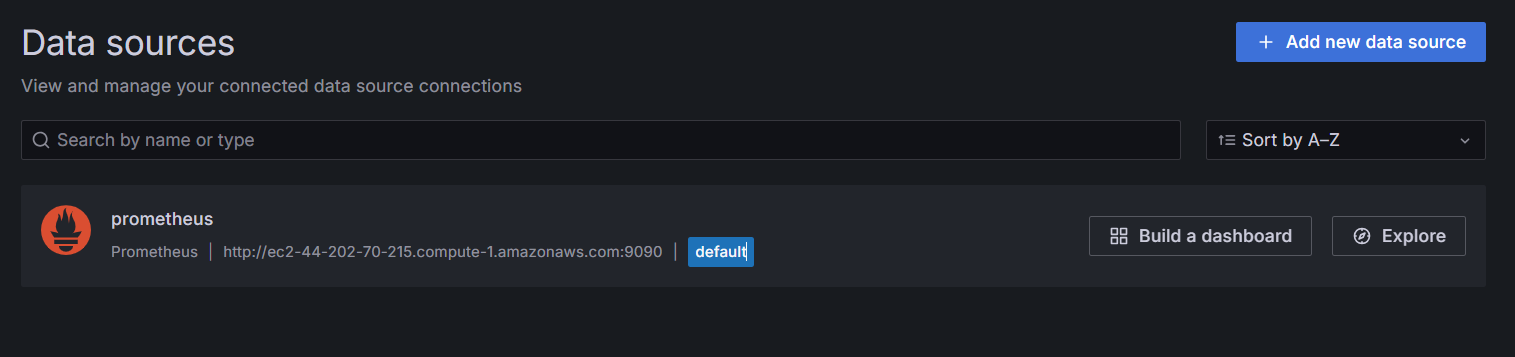
// install Grafana as a docker container



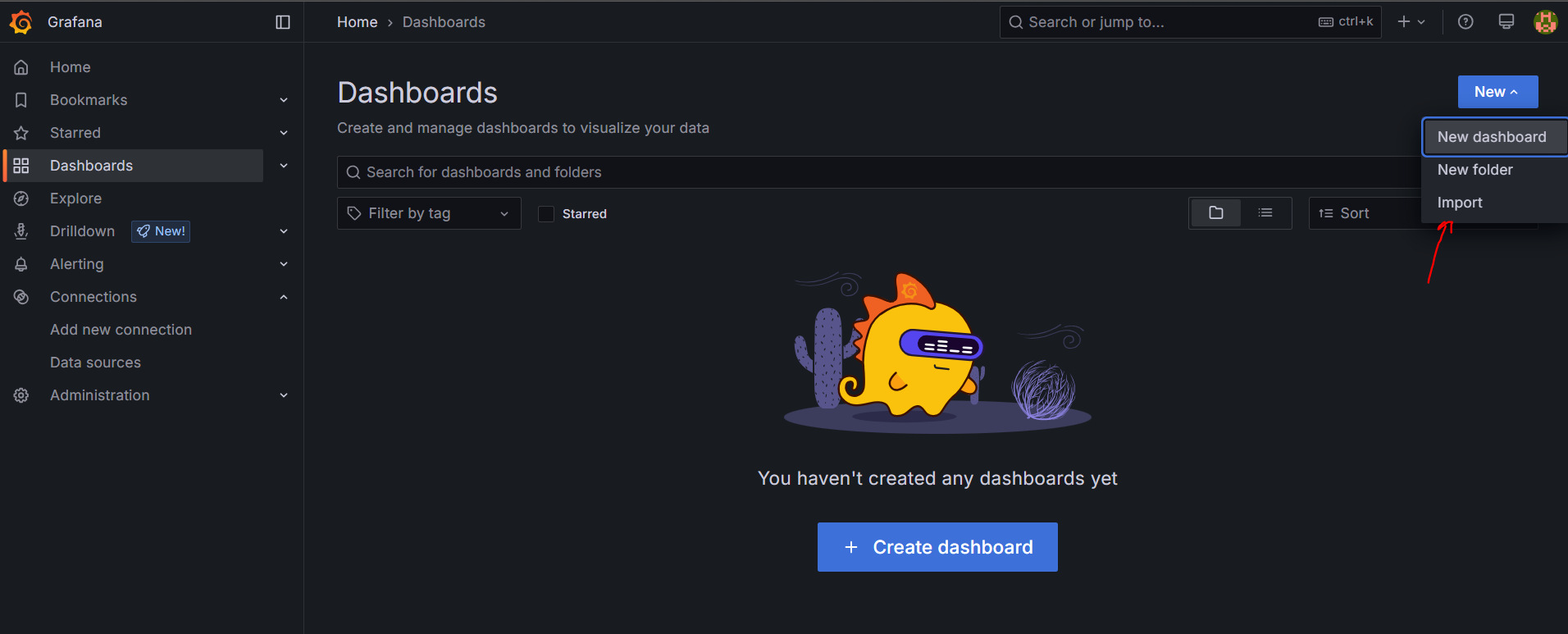
Open :  


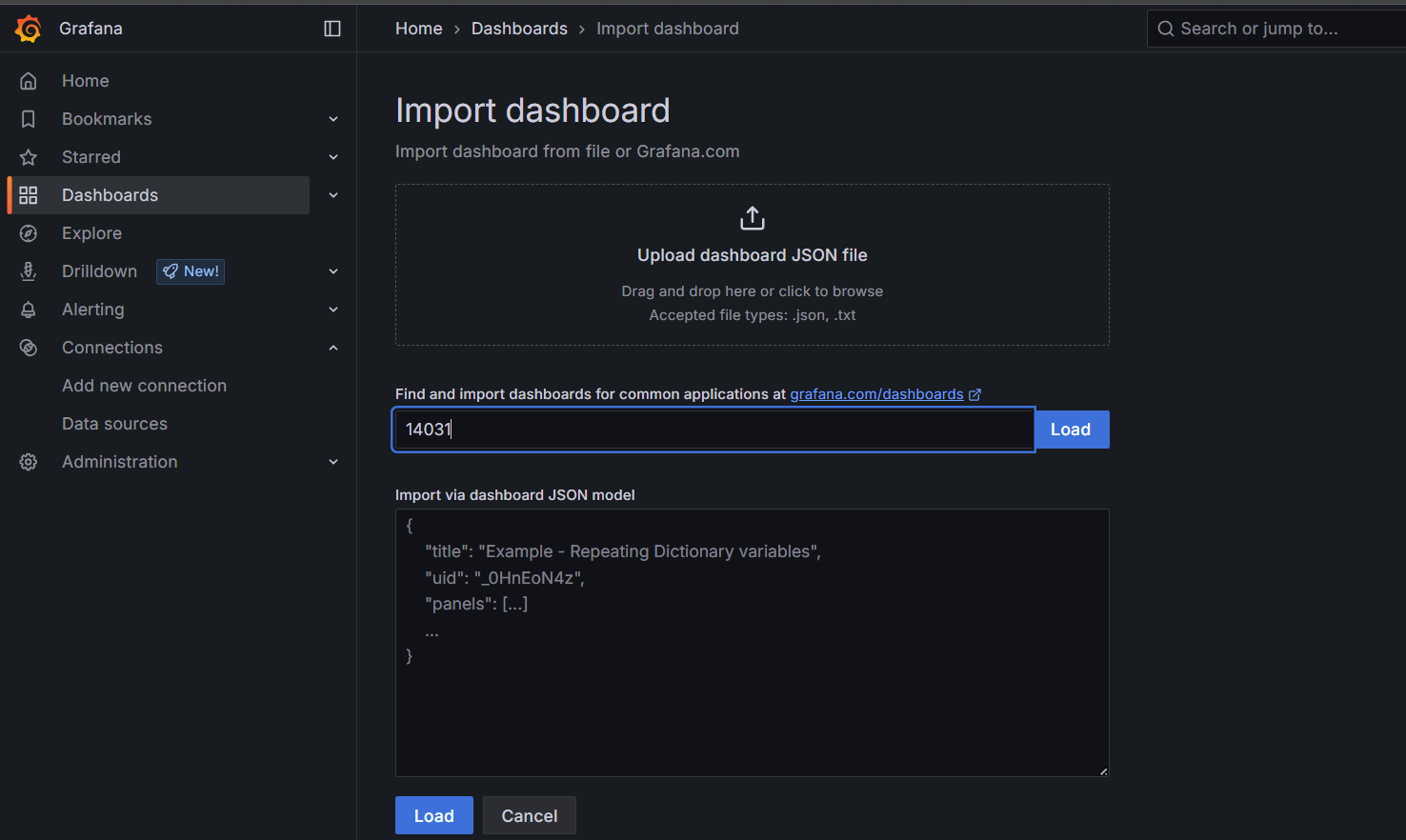
Add data source -> Prometheus server   






import Dashboard for mysql :





Final Result :  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
  
congratulations🎉🎉🎉🎉🎉🎉