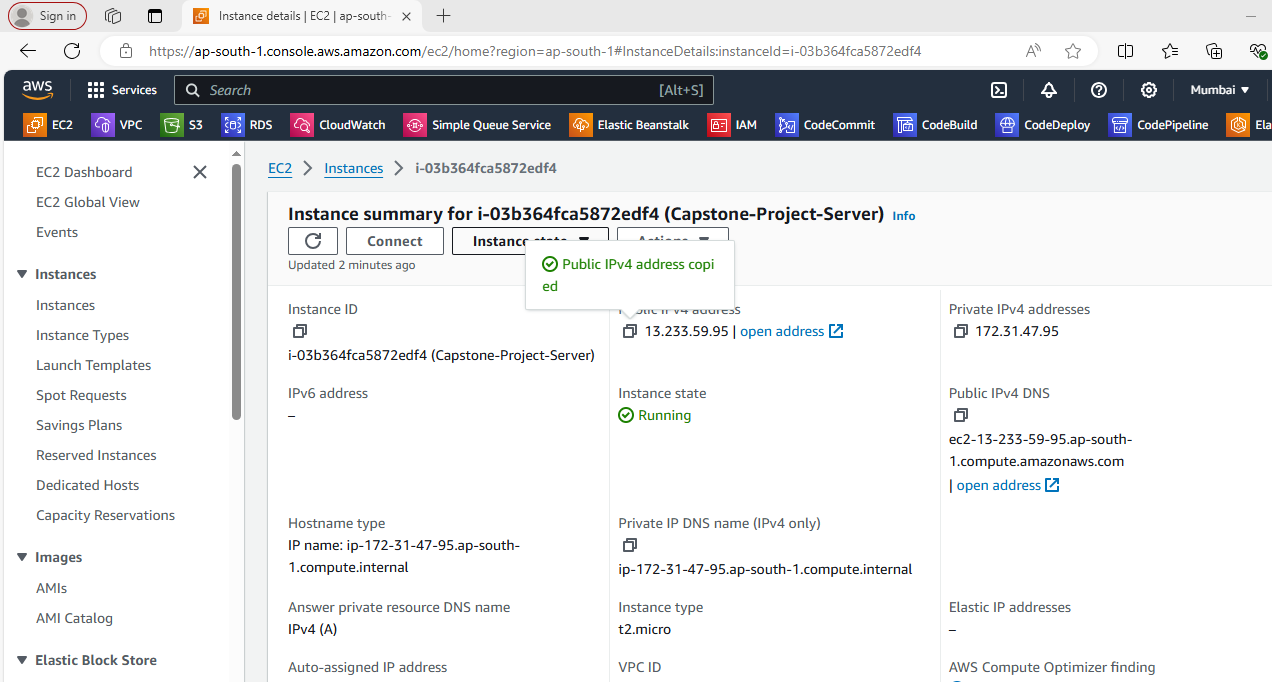
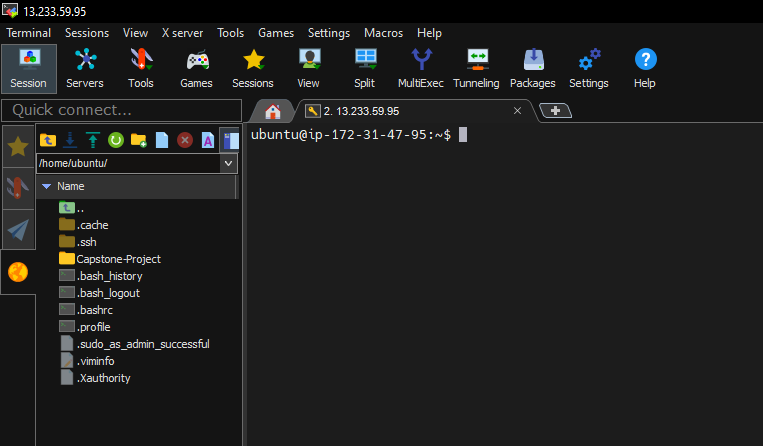
**Monitoring:**

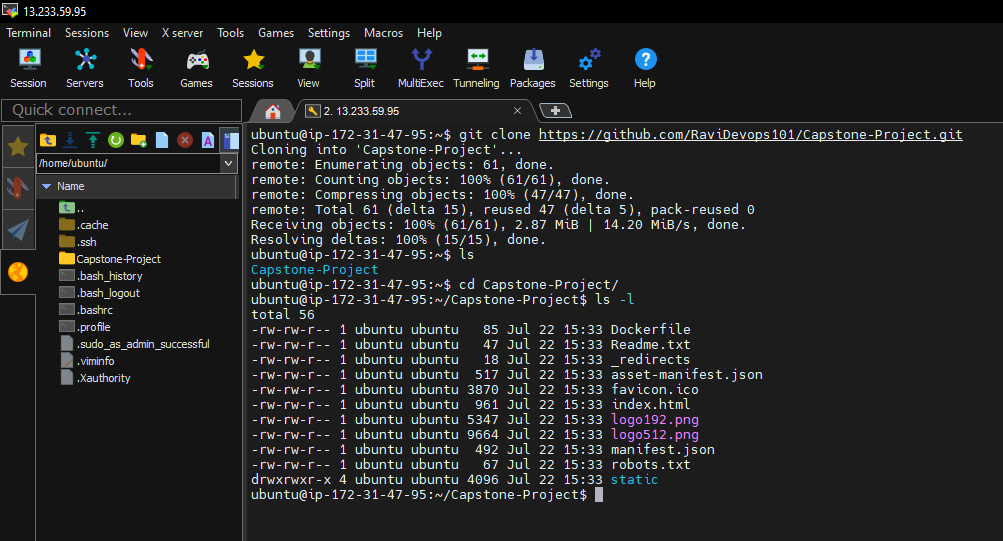
Creating New instance for monitoring Setup



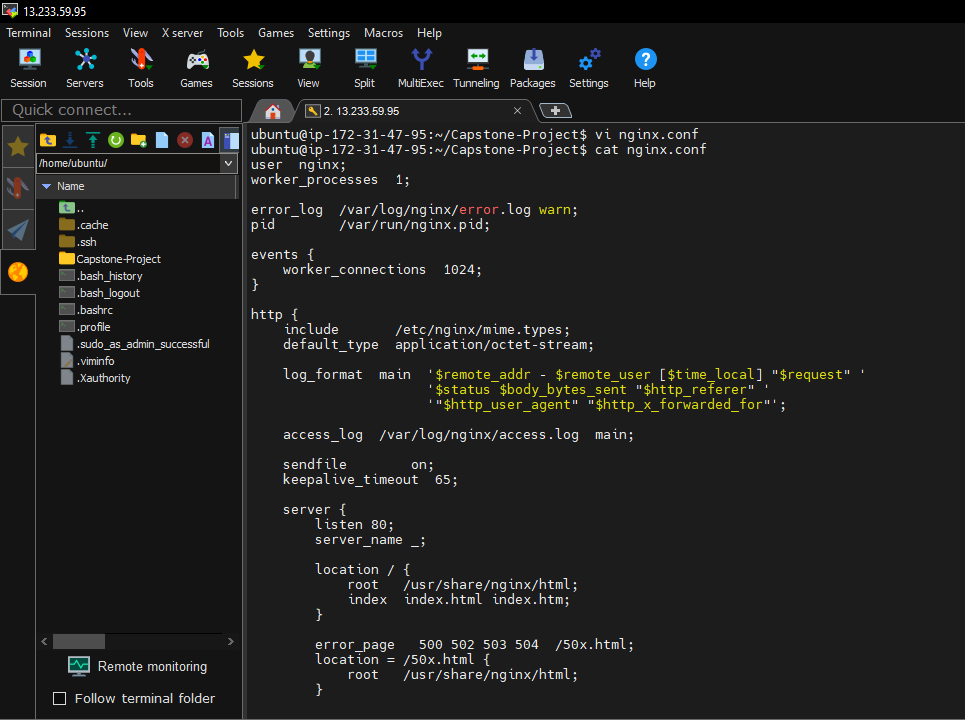
Connecting to server via Mobaxsterm application



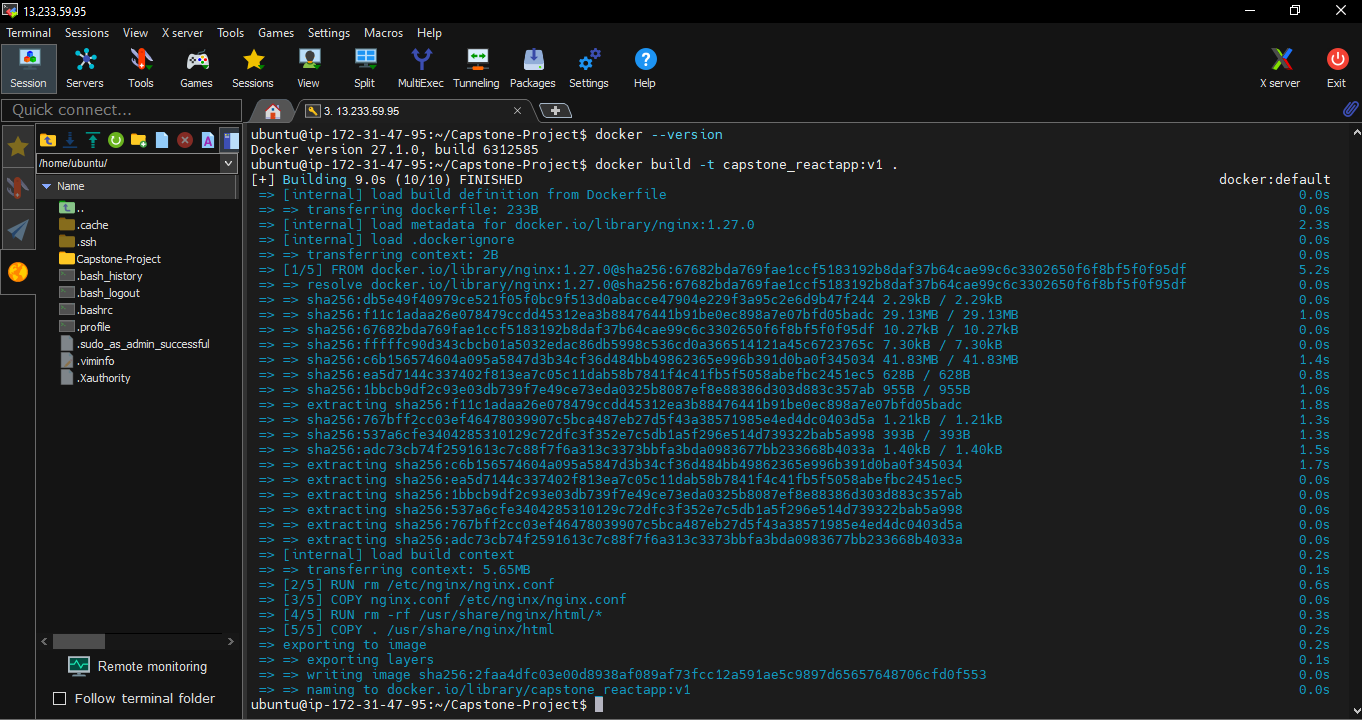
Cloned capstone project already pushed to github repository



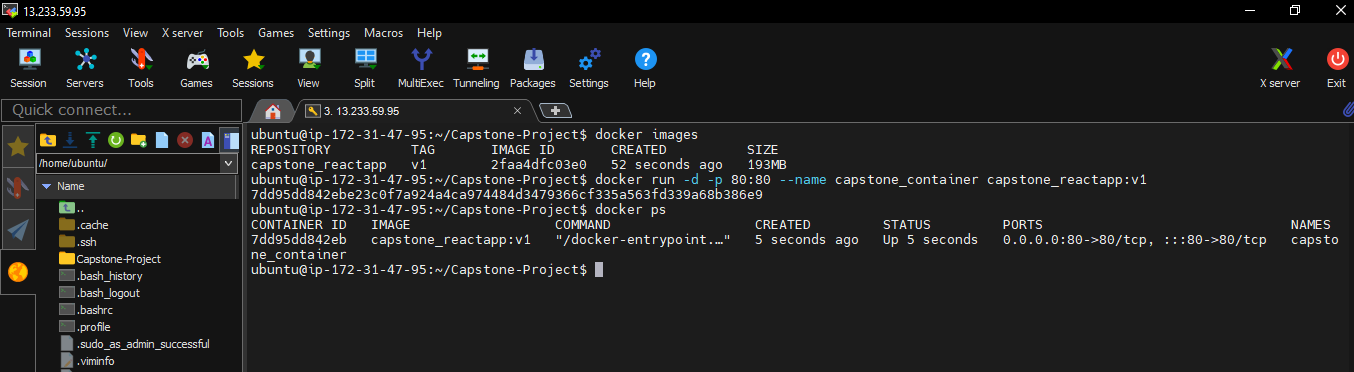
Created a nginx config file to build and run the docker image with nginx exporter

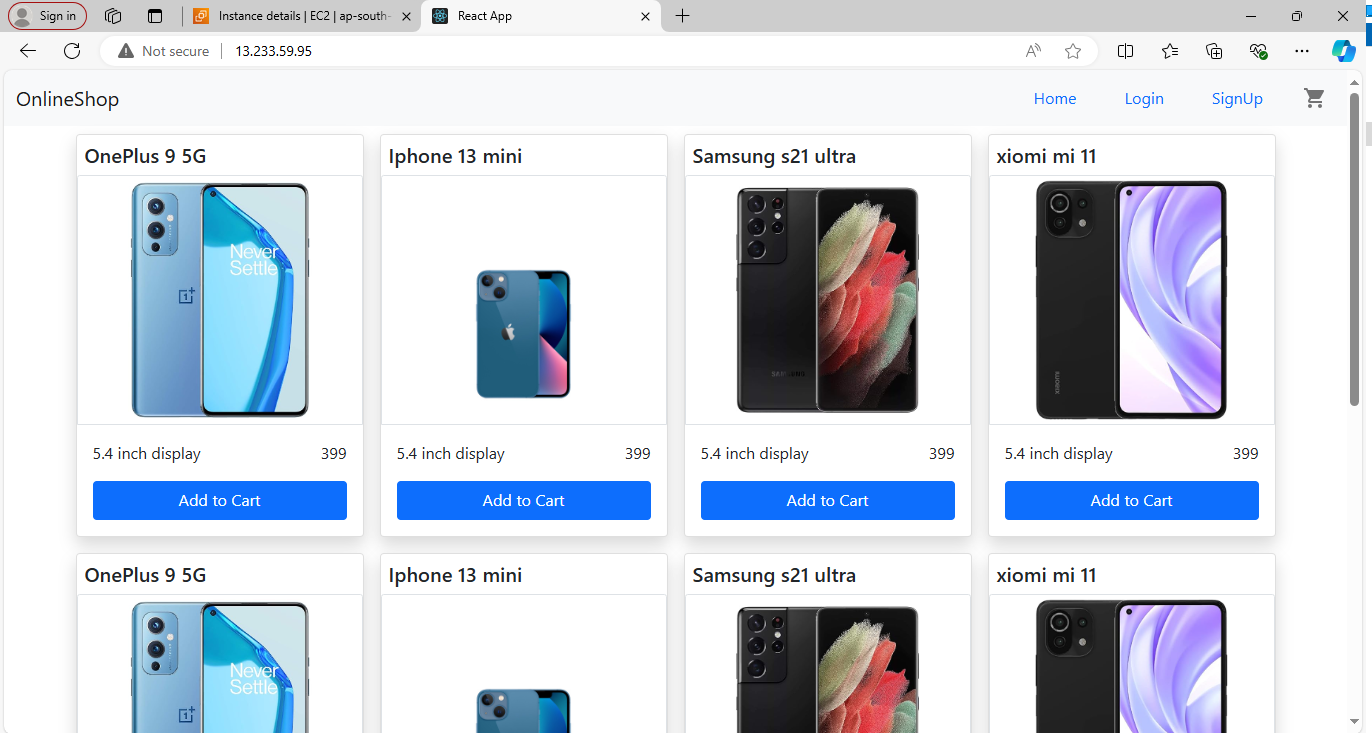


Build the docker image

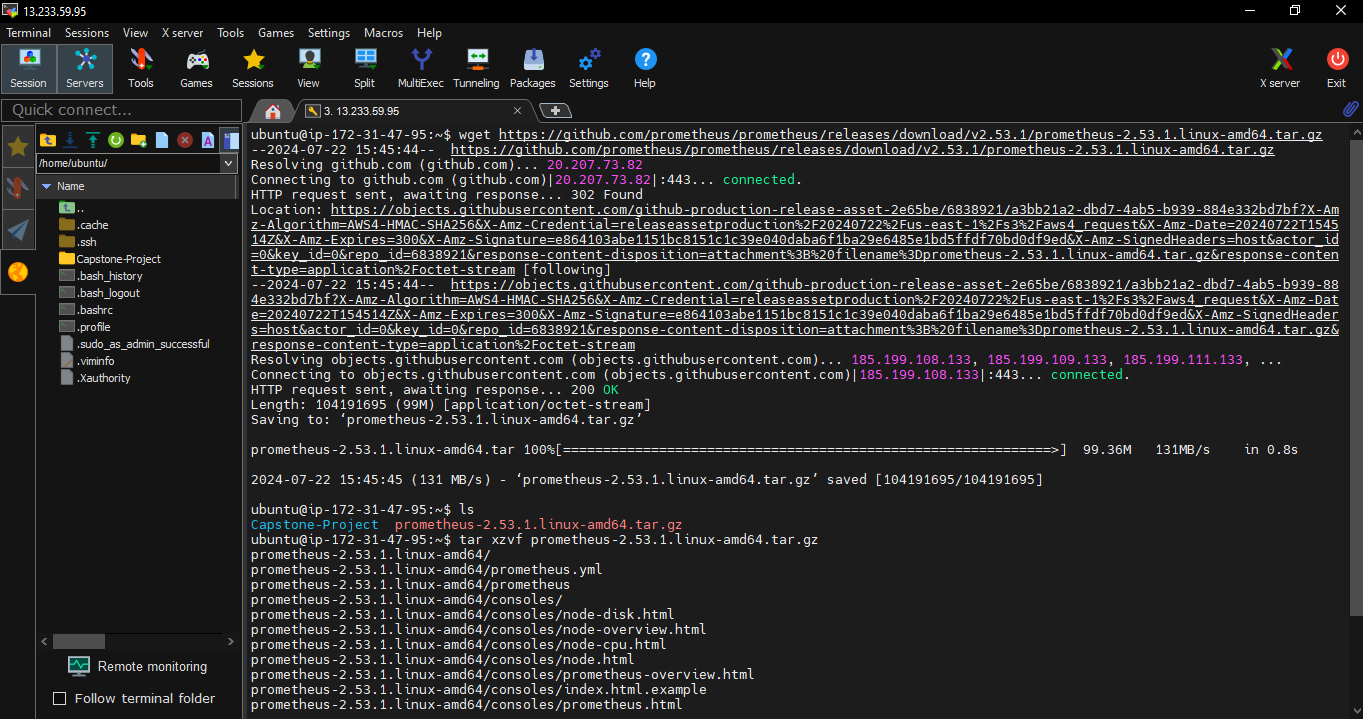


Docker container started

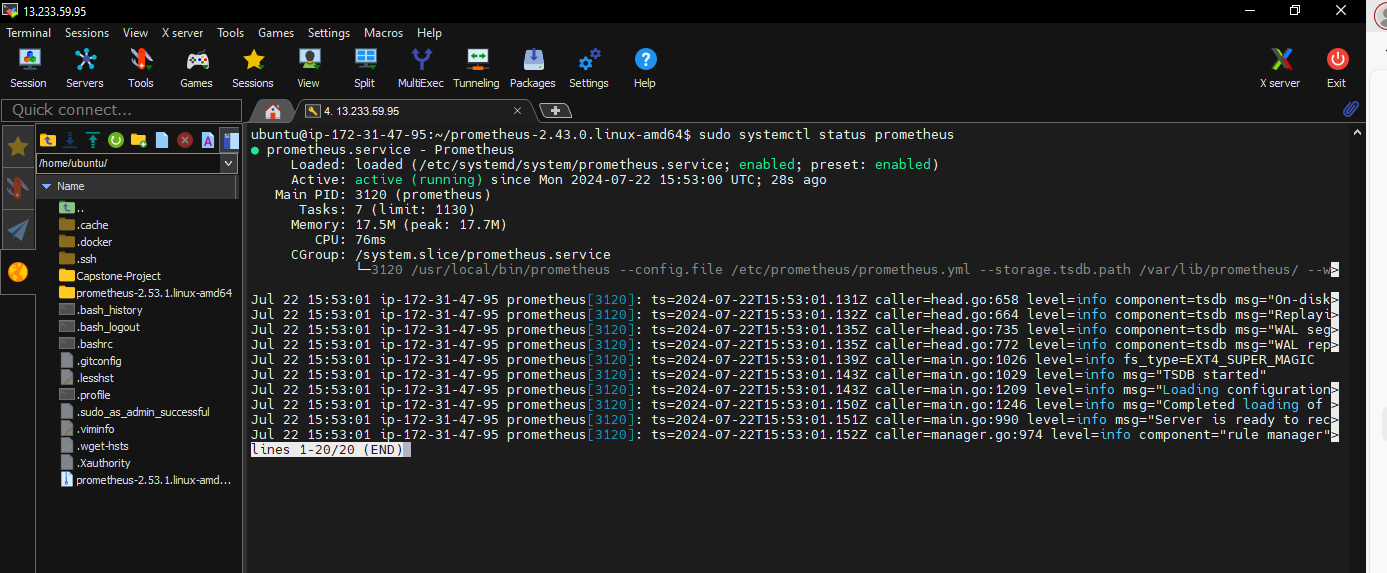


Output URL

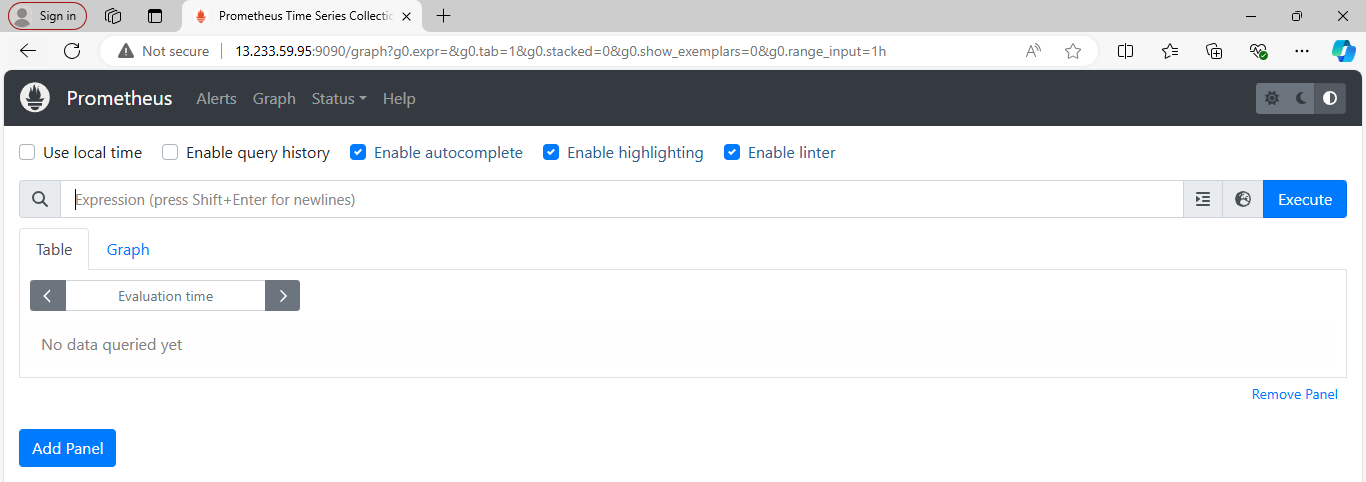
Downloaded Prometheus using wget command



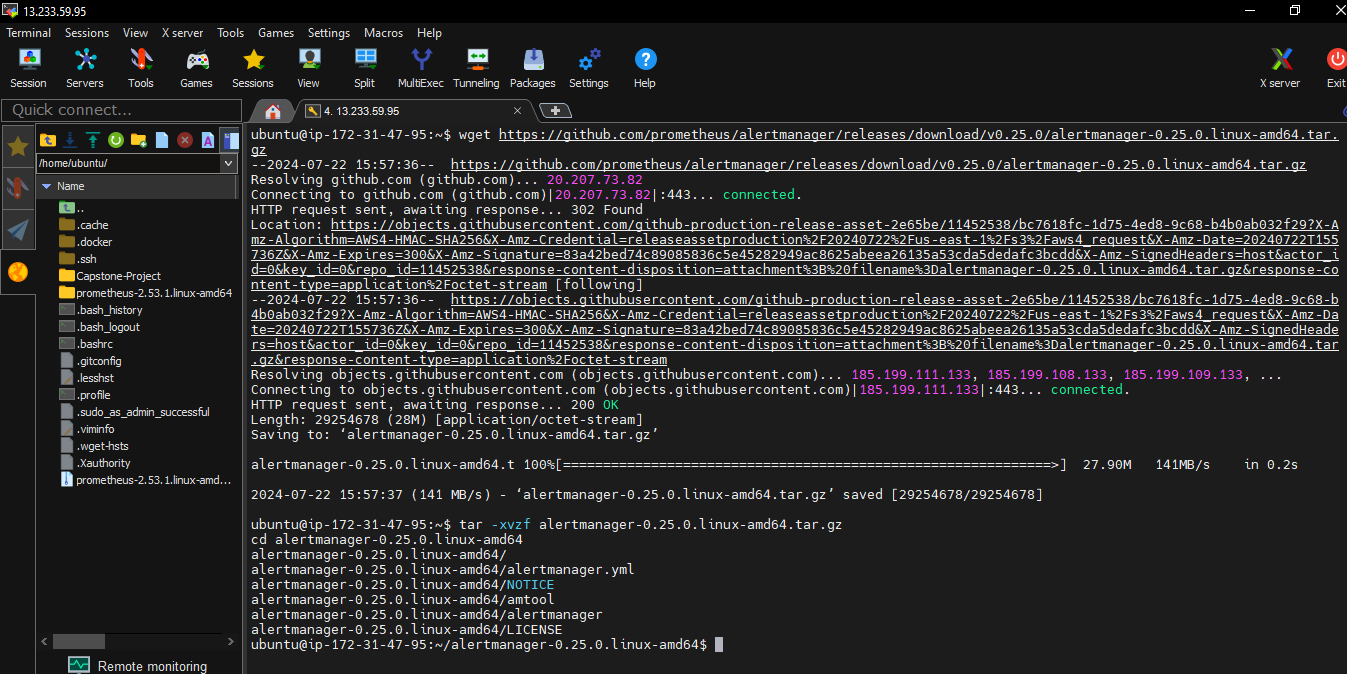
Installed Prometheus success



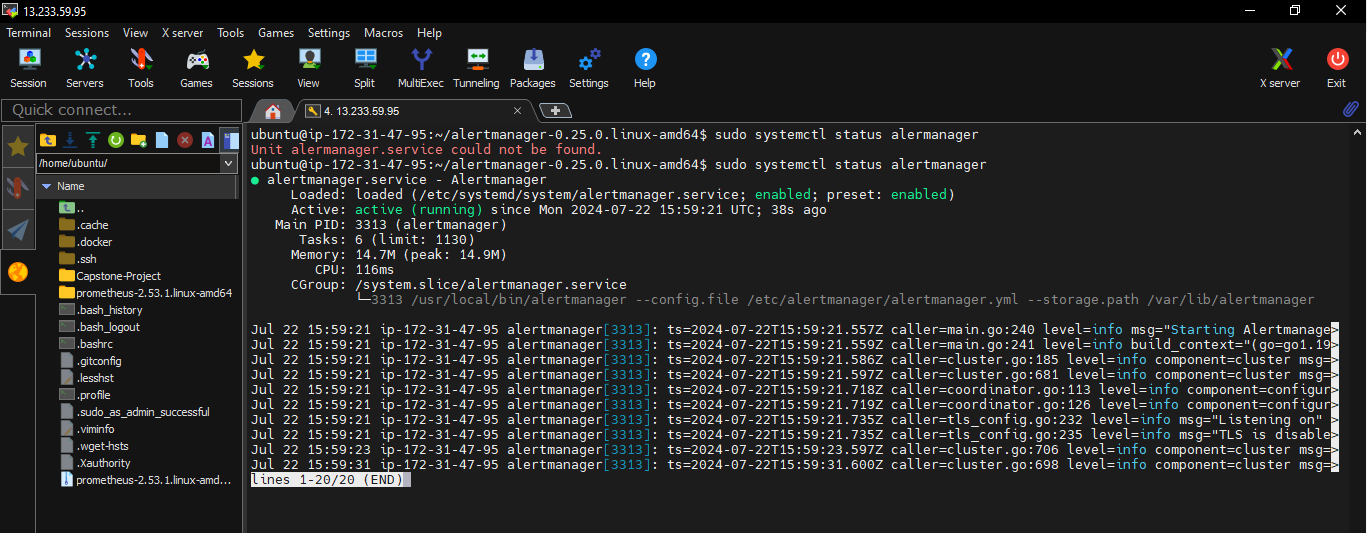
Prometheus URL



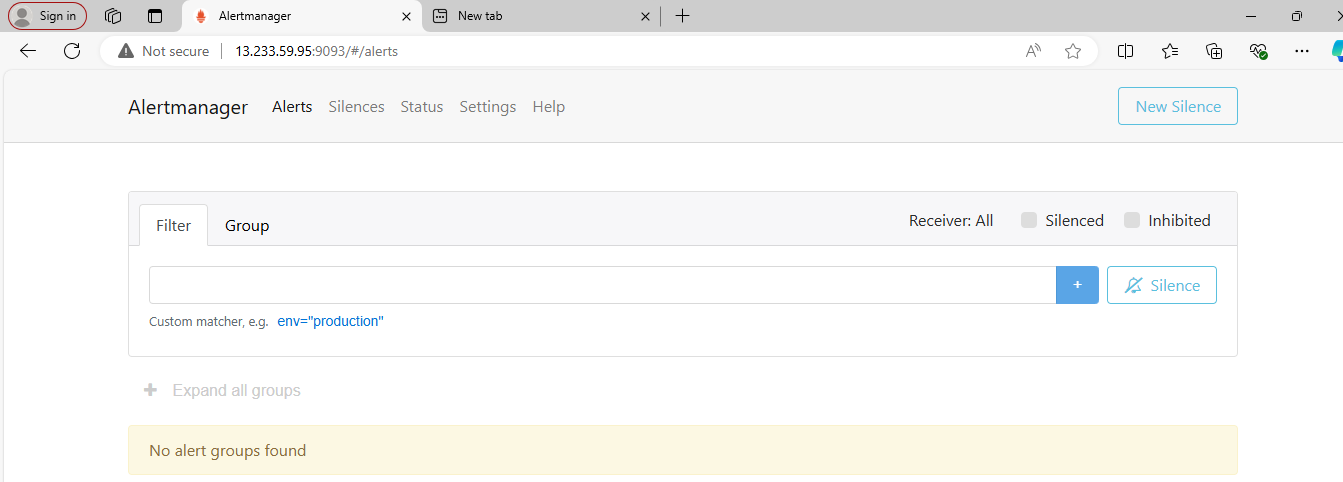
Installing alert manager



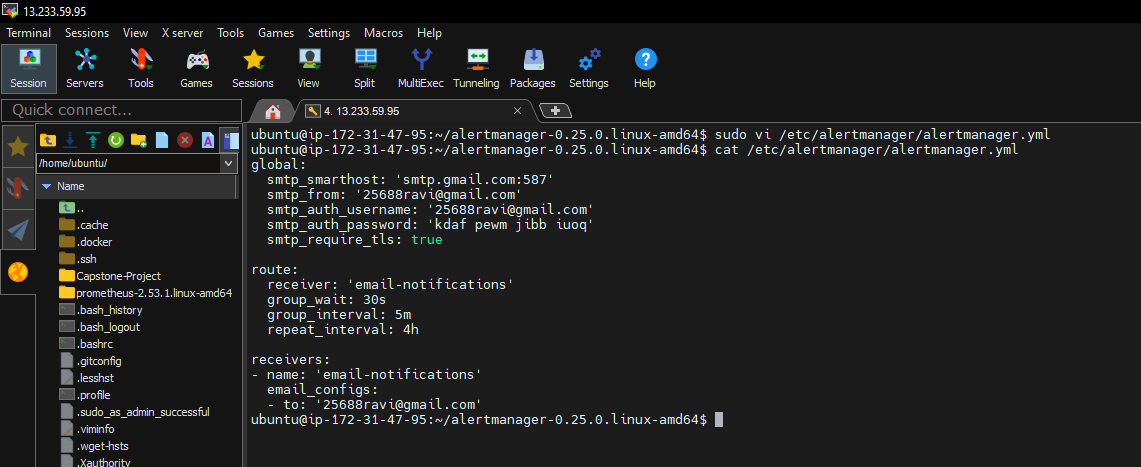
Alermanager install success



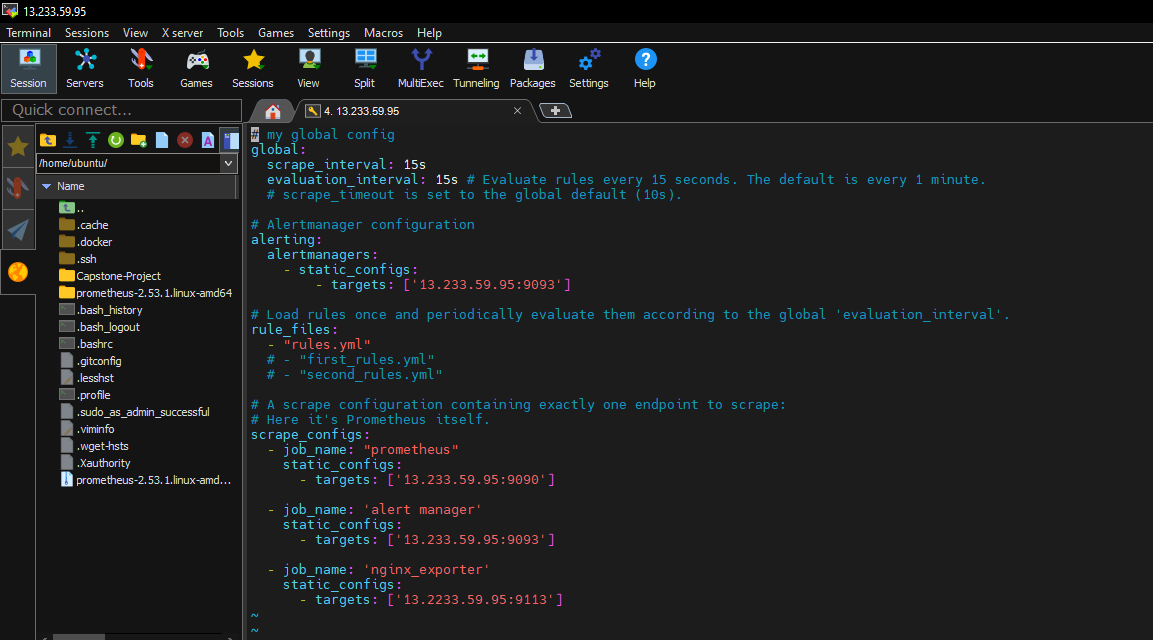
Alertmanager URL



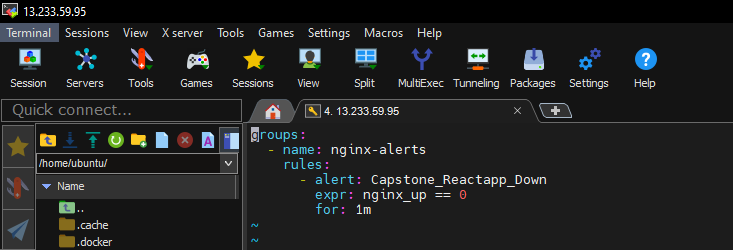
Configured email settings in alertmanager.yml



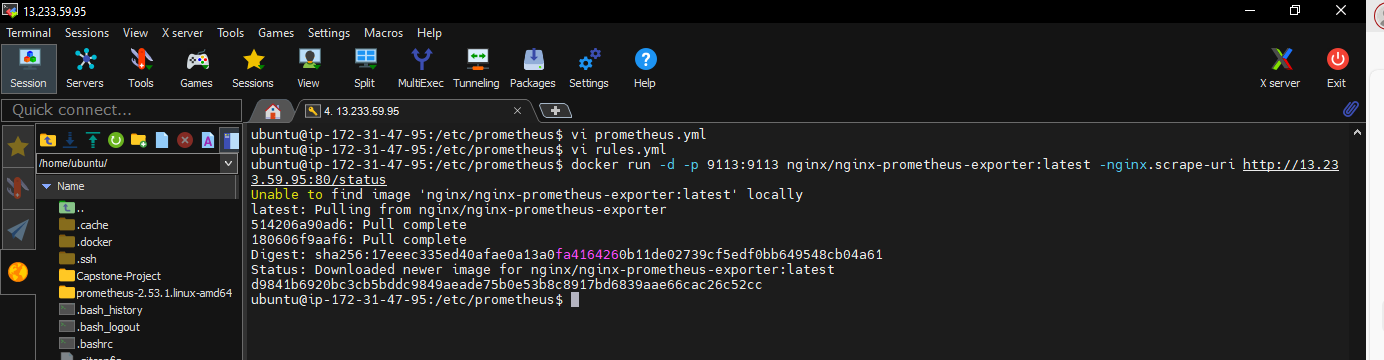
Configuration of Prometheus.yml file



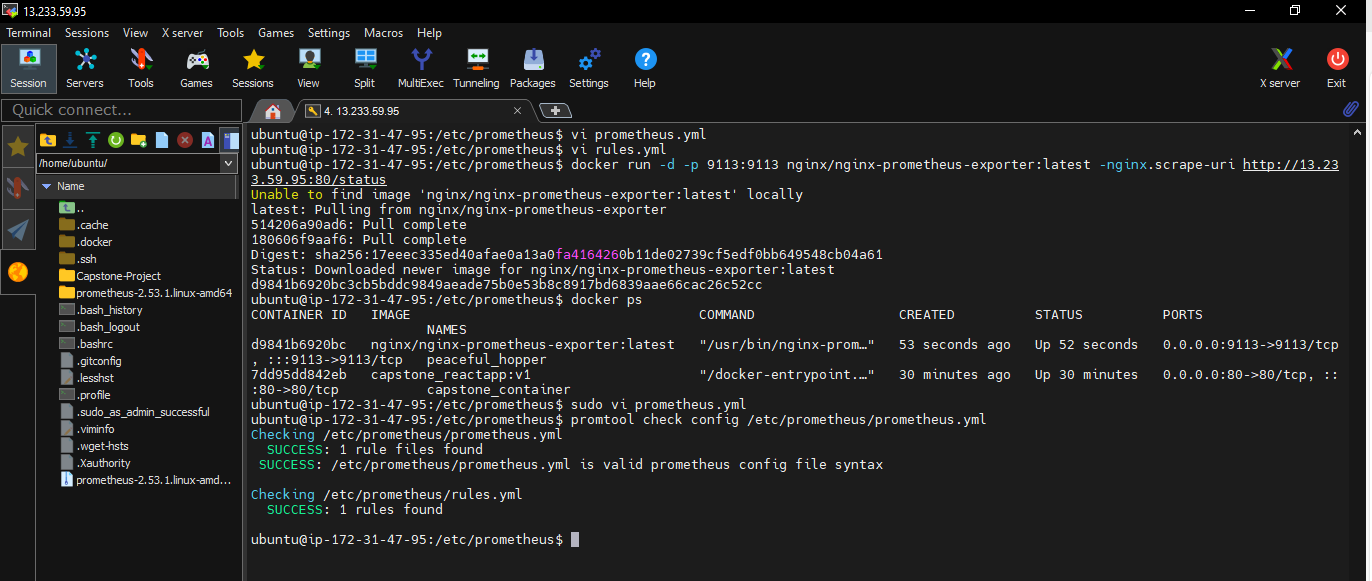
Created rules.yml file and configured



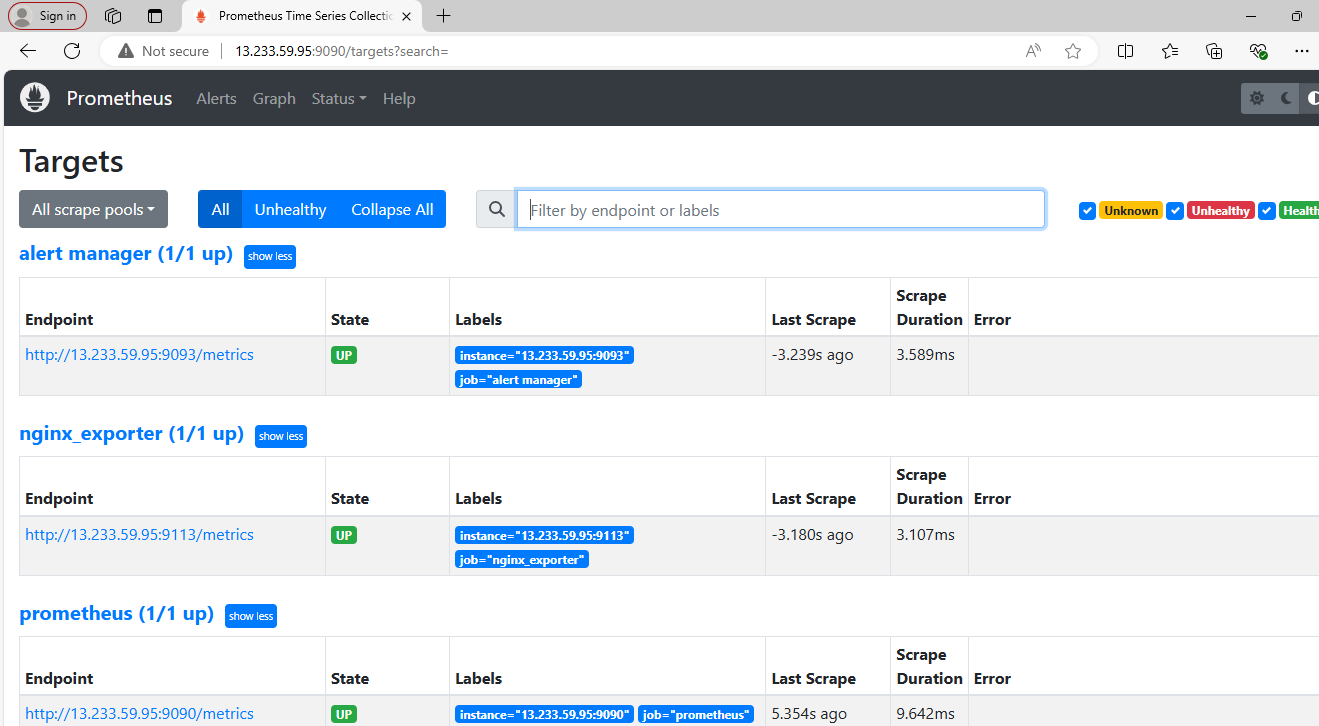
Installed nginx exporter for Prometheus metrix for docker container



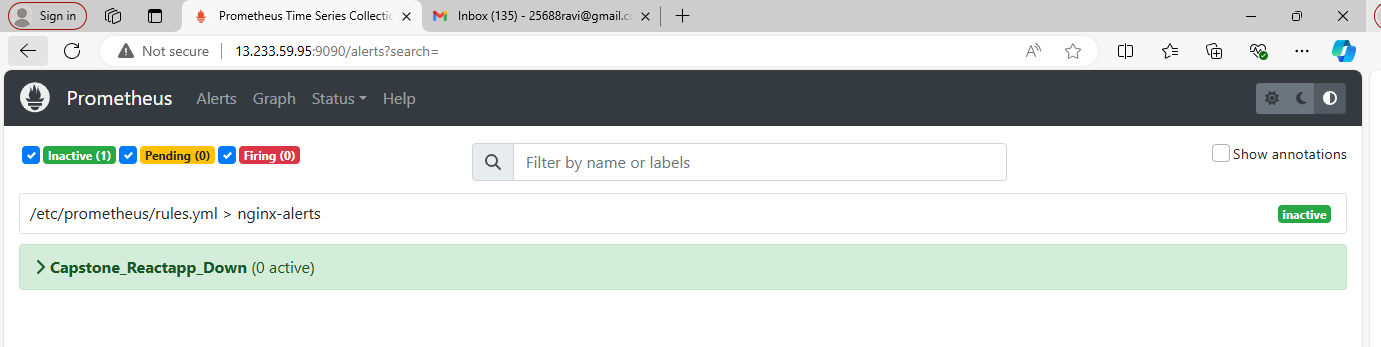
Checked promethuus.yml file with promtool check config



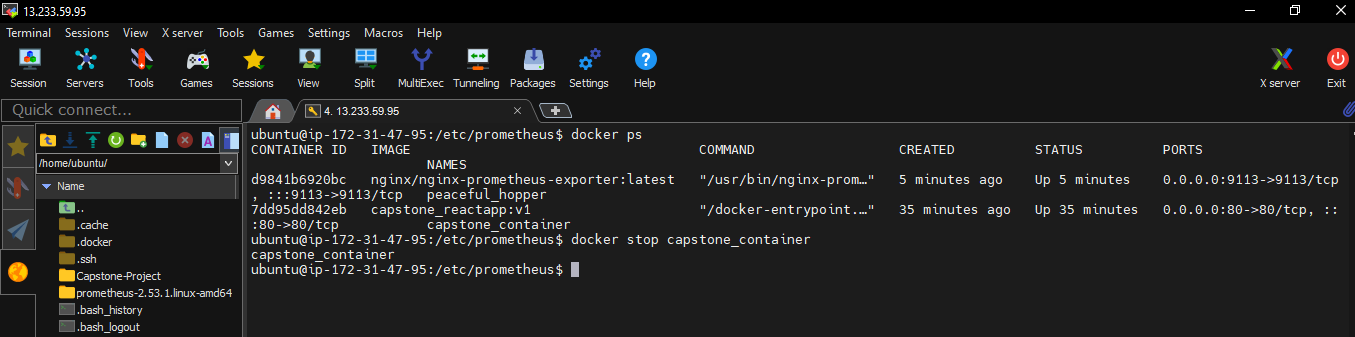
Targets page in promtheus URL



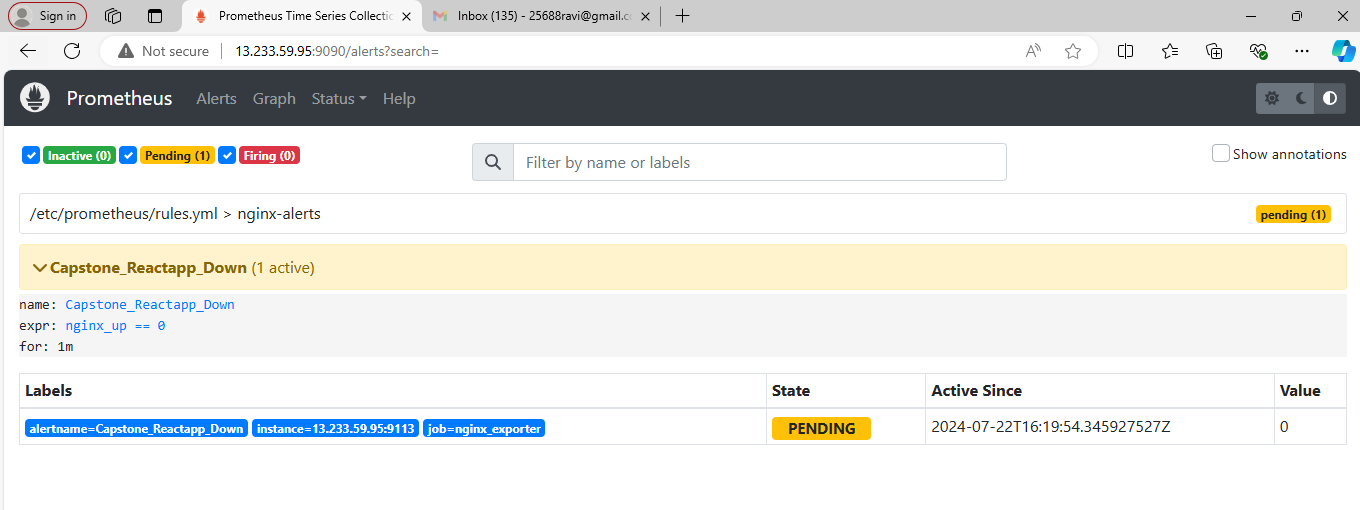
Now the application is running fine

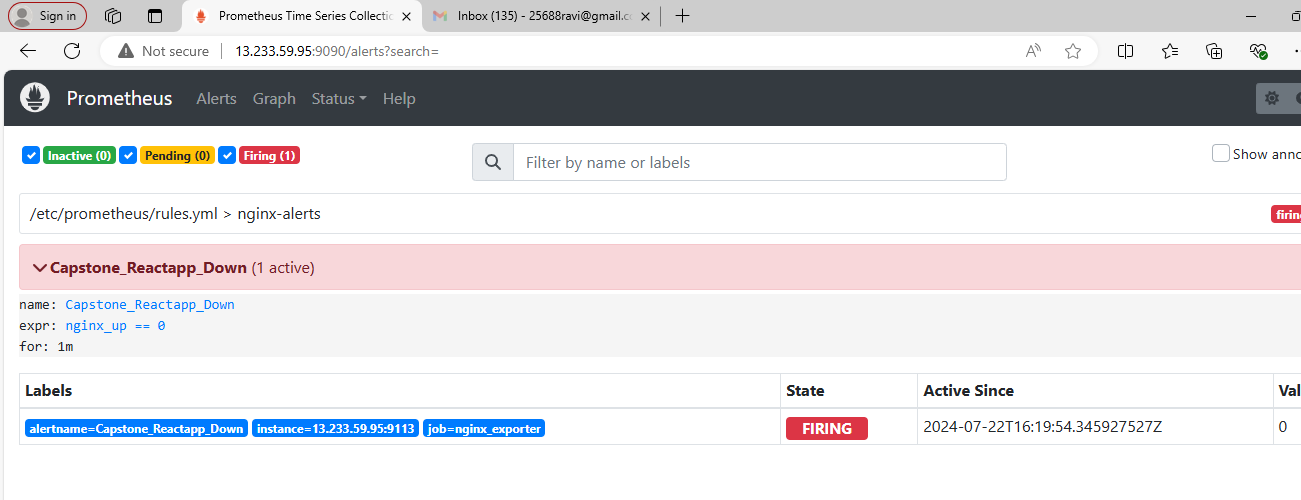


Now stopped the capstone coantainer

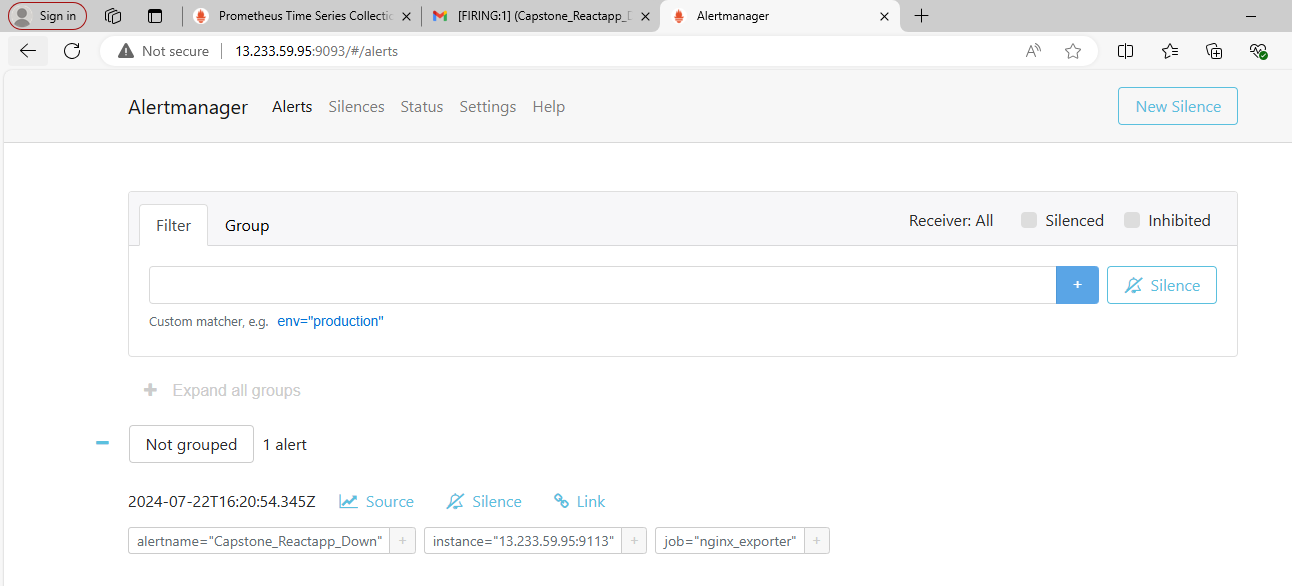


Now the alert page has changed to pending stage after a minute

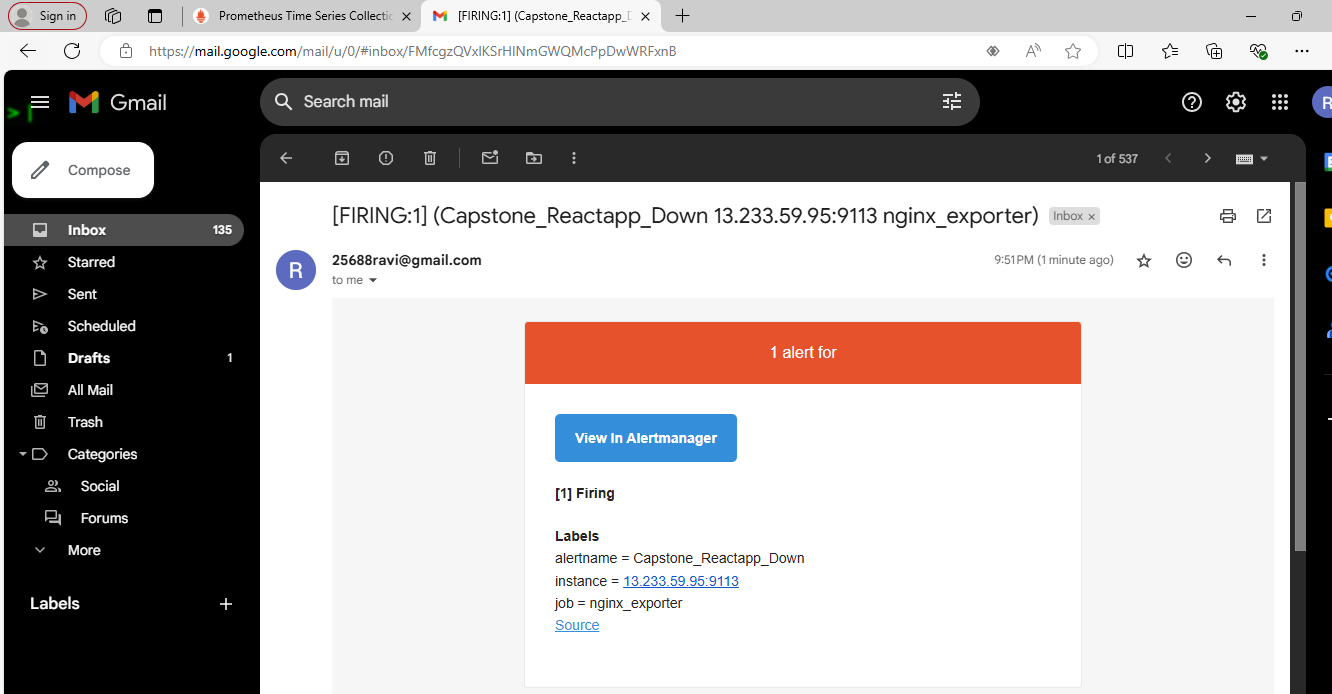


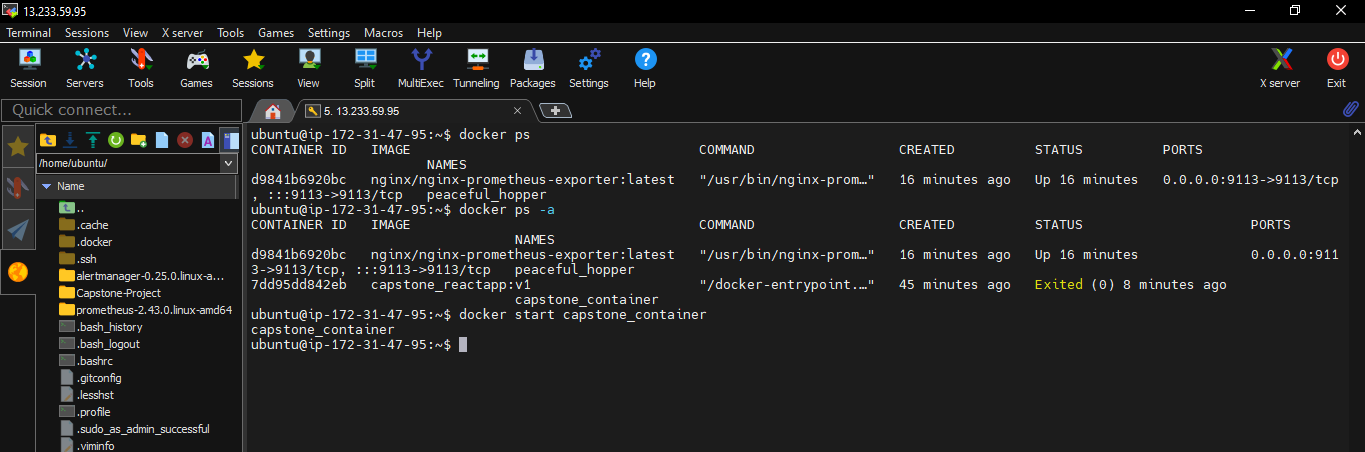
Now in firing stage

In alertmanager URL page has been created

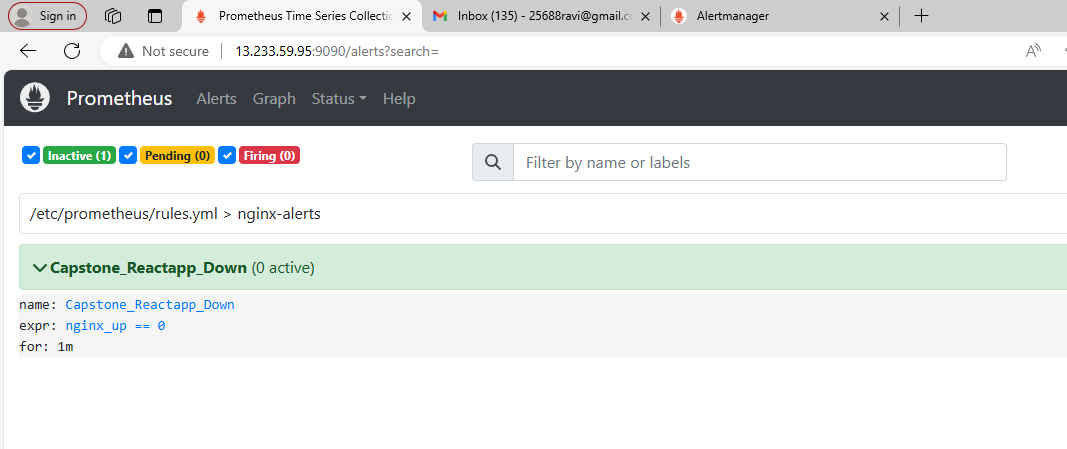


Finally alert e mail has been received

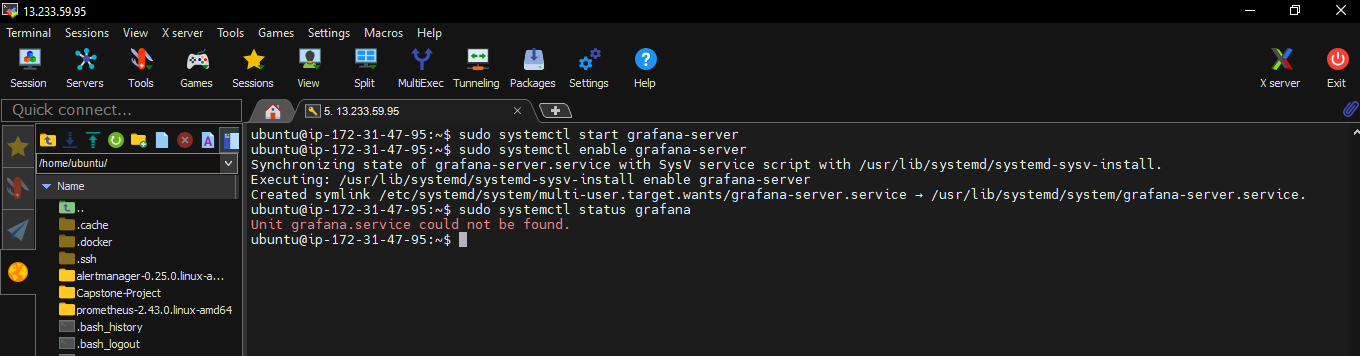


Docker container startd again

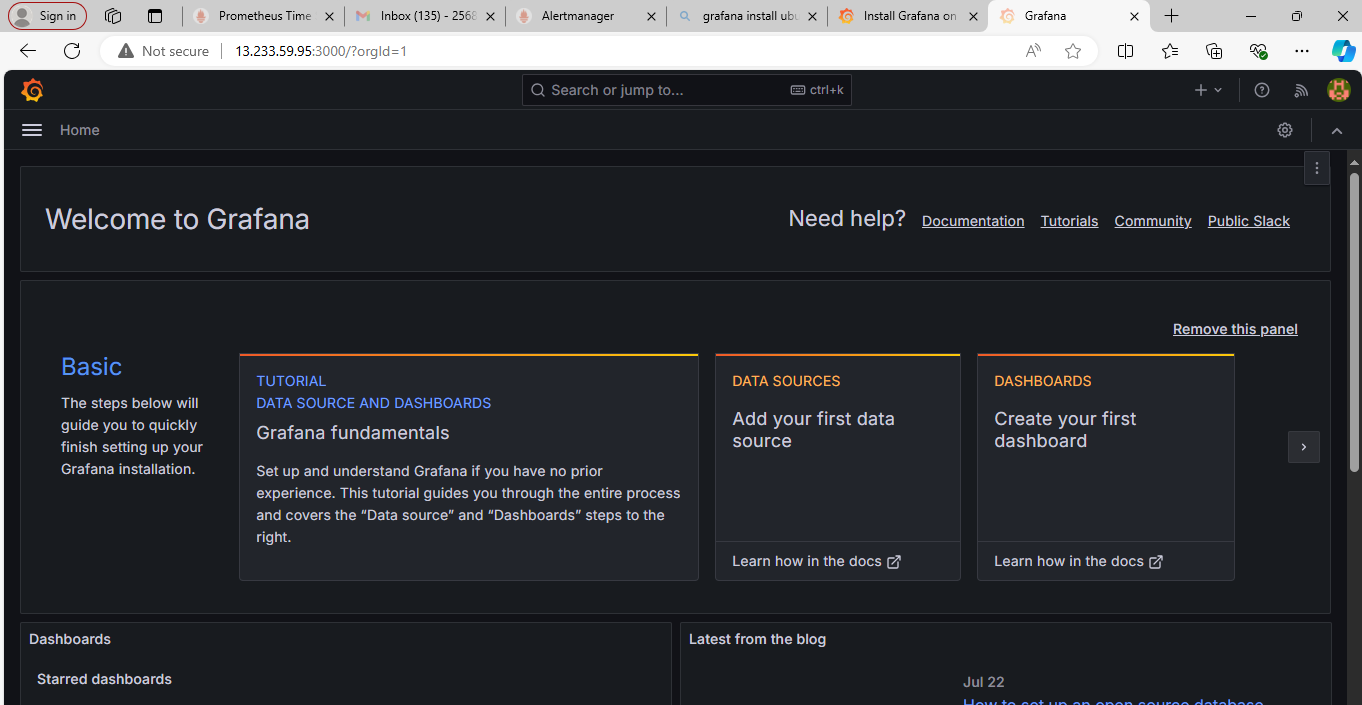
Alert goes up



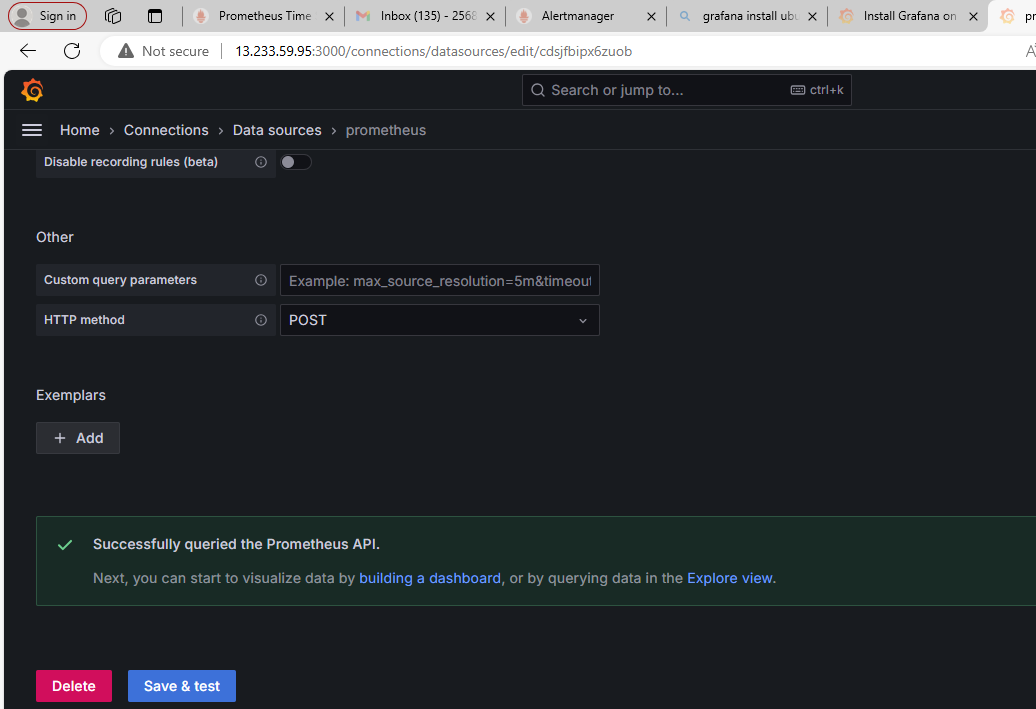
Grafana Setup



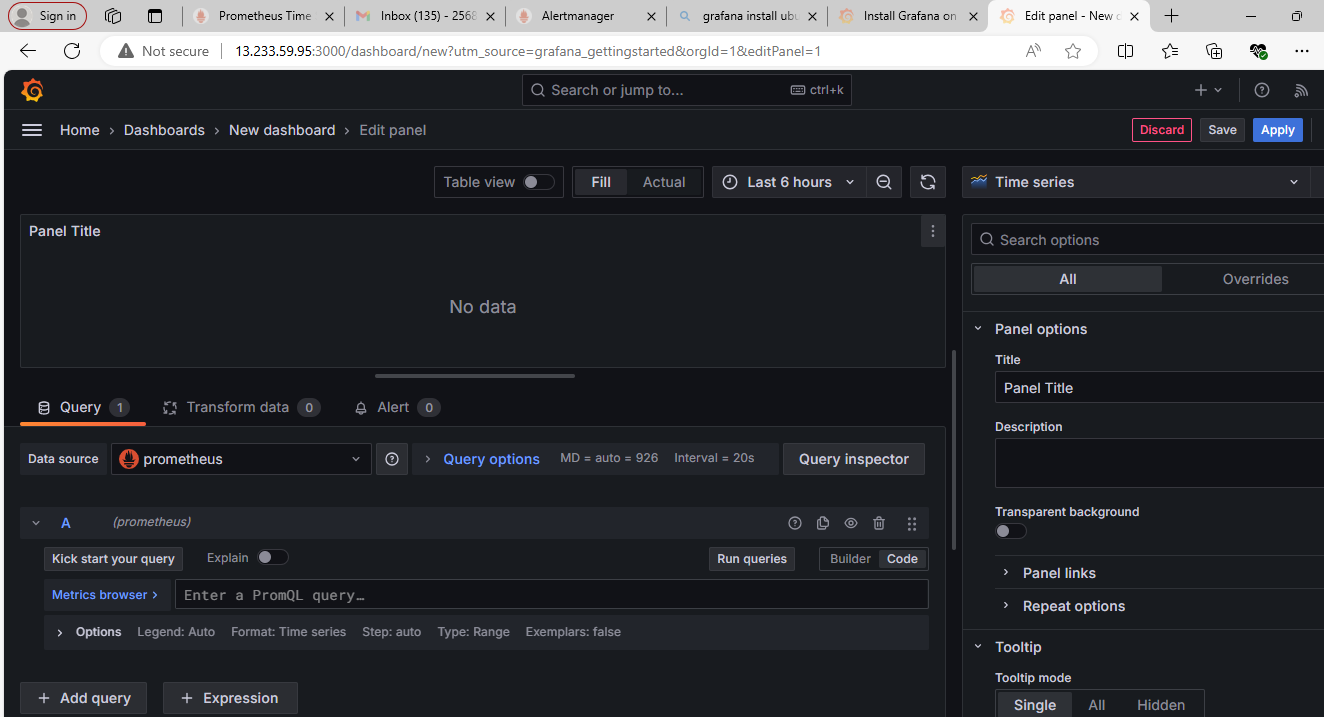
Grafana URL – grafana hom page



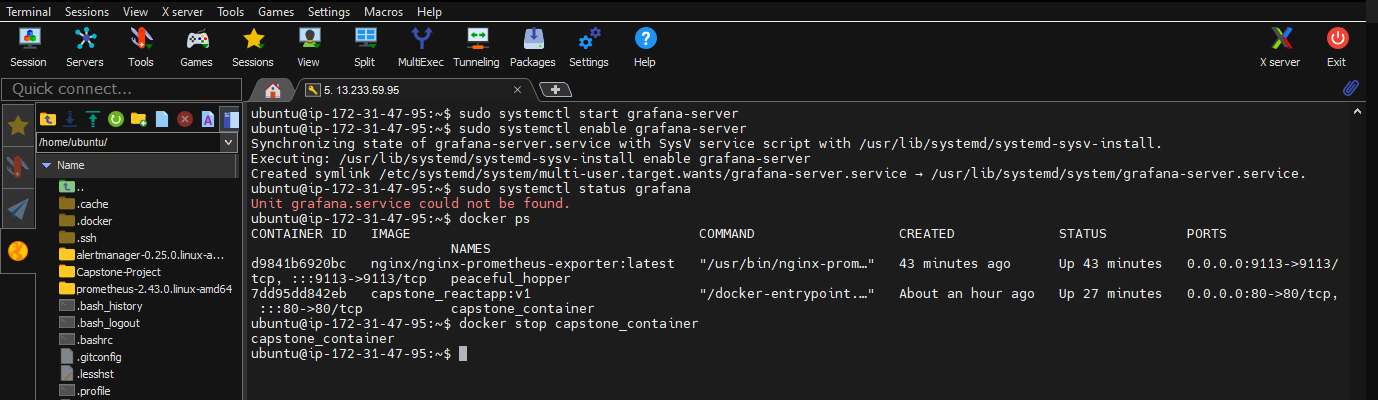
Added Data source as Prometheus



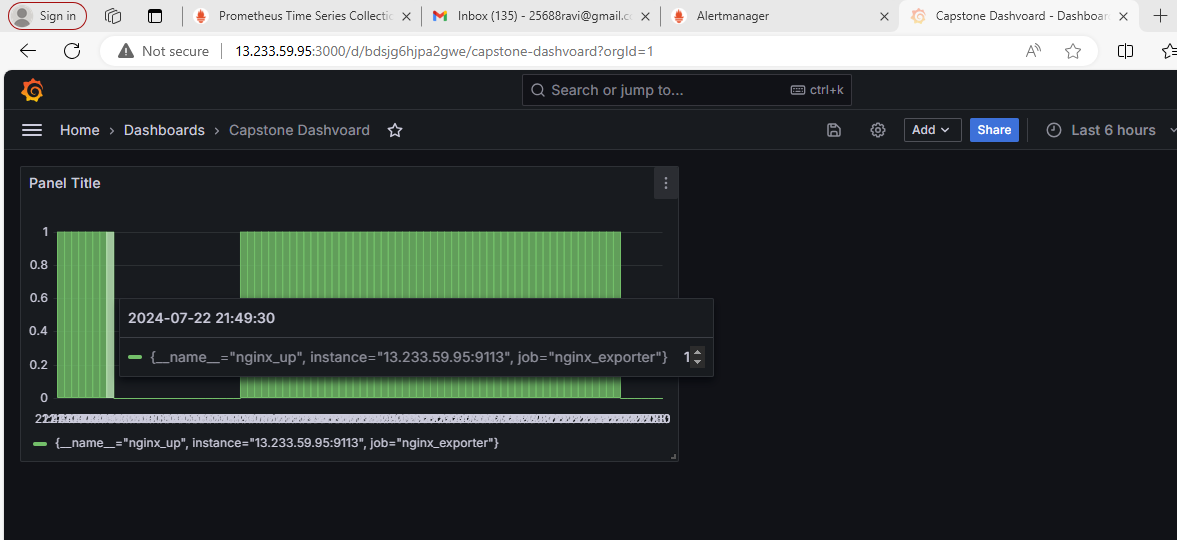
Data source added as Prometheus



Stopped application to check grafana graph

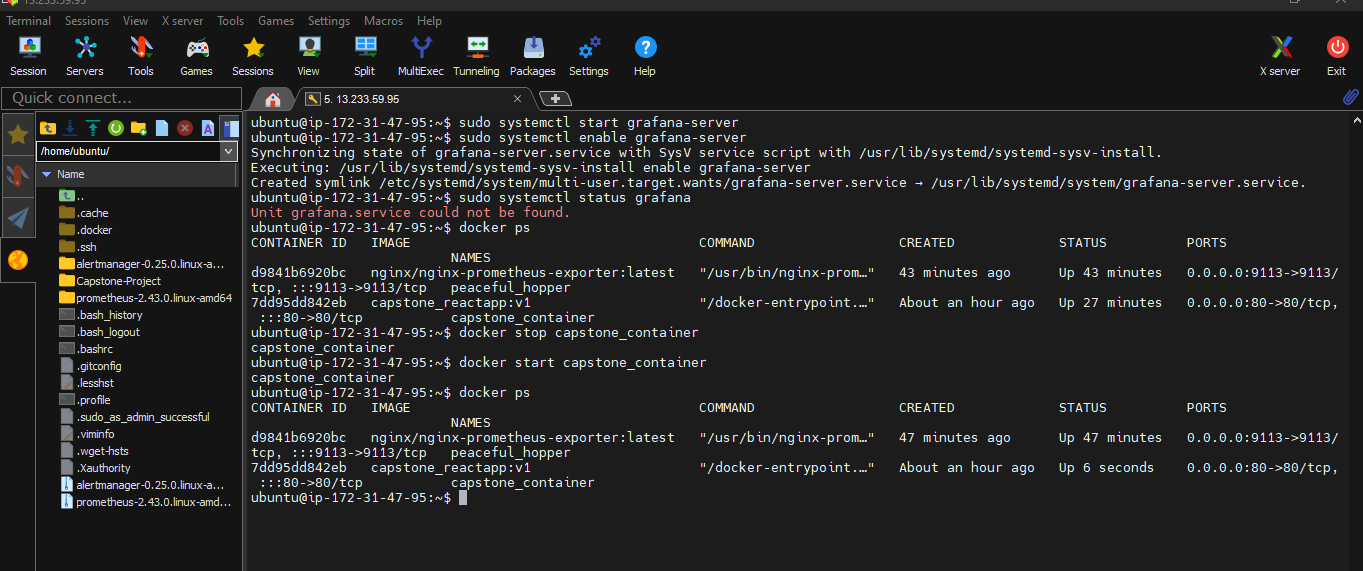


Grafana page after stopping application



Final step

Application started again



Grafana page after starting application

