PROJECT-2

Monitor and log application performance. Main objective will be how to collect and analyse data about an application's performance.

NAME: Dumpa Bhargavi Kalyani Reddy **EMAIL**: bhargavid664@gmail.com

BATCH NO.:10AM D-109 **COURSE**: AWS AND DEVOPS

TRAINER NAME: V.MADHUKAR REDDY

project review:

1. launch 2 separate instances -

 $1^{\rm st}$ instance install Prometheus , Node_Exporter , grafana and open separate terminals to acces

2nd instance install jenkins and access jenkins

2. Prometheus:9090

Node_Exporter:9100

Grafana: 3000

3. In Prometheus terminal open prometheus.yml by vi prometheus.yml

And paste below code:

- job_name: "jenkins"

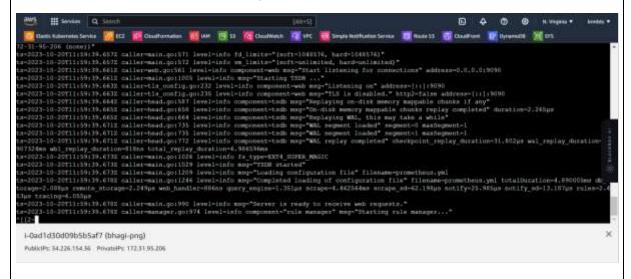
metrics_path: /prometheus

static_configs:

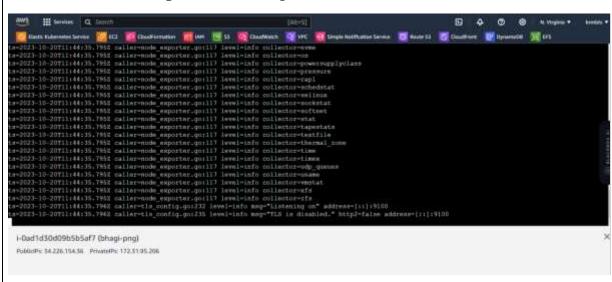
- targets: ['18.233.64.35:8080'] -----(give ur respective jenkins address)

4. Start prometheus by ./prometheus

This is a Prometheus running terminal:



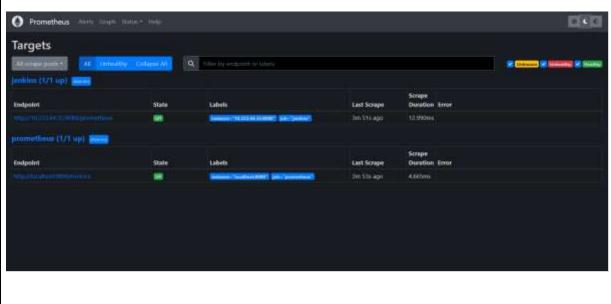
This is a Node_Exporter running terminal:



This is a GRAFANA running terminal:

```
| March | Marc
```

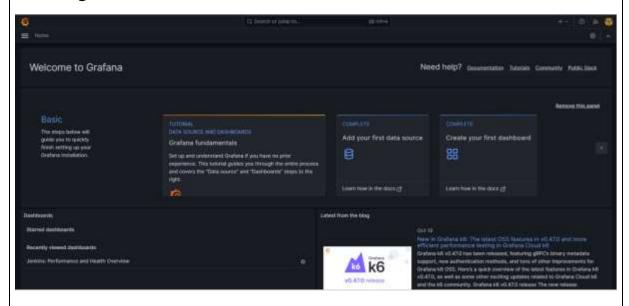
This is the Targets In Prometheus Dashboard When We Accessed:



This is the node_e xporter when we accessed: Node Exporter Merica
NAIV gr.go, Anewation, monomic & comments of the passes absorbtion of gardings calibration symbol. # TYPE gr.go, Compution, promoting comments # TYPE gr.go, promoting according cameline, Party 0 # But providers, according cameline, Party 0 # But providers, according cameline, Party 0 # But providers, according cameline # TYPE gr.go, providers before or grownile that correctly exist. # TYPE gr.goroutions prome # TYPE gr.goroution prome # TYPE gr.go
w.: Nomerophy. There are then sircondit. B. T.

Γ

This is grafana dashboard when we accessed



- 5. We have to import a dashboard of grafana by given a code (9964)
- 6.I used this command to increase a load in new terminal with the connection of this server [while true; do echo;done] in final GRAFANA output.
- 7. A computeral analysis shows cpu use, memory usage, and free memory remaining in jenkins

This is the final output in grafana:



