CAPSTONE-PROJECT:

Github repo url:

https://github.com/lakshmipras12/reactjs-demo.git

deployed site url:

https://hub.docker.com/repositories/lakshmipras12

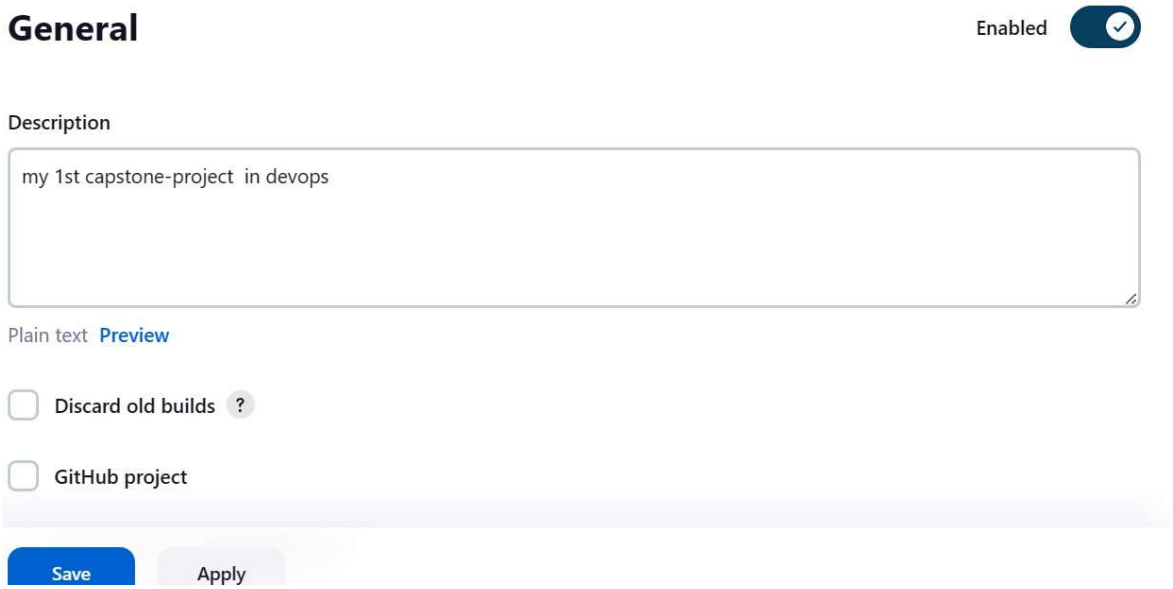
Docker images:

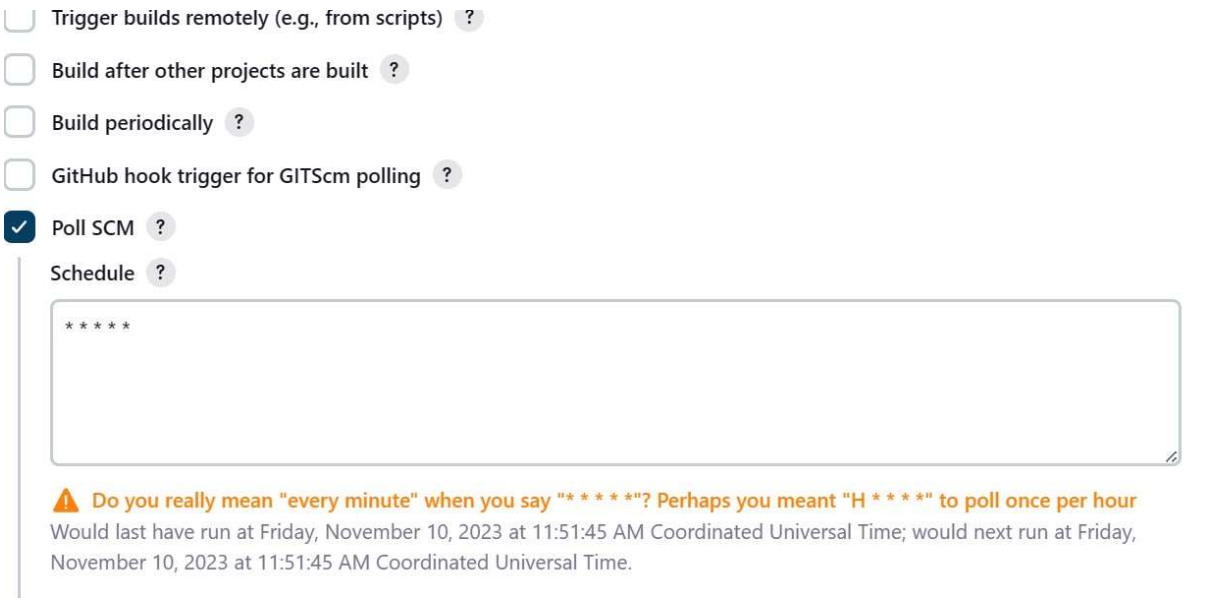
lakshmipras12/dev-react

lakshmipras12/prod-react

screenshots :

Jenkins configuration settings screenshot





Execute step commands :

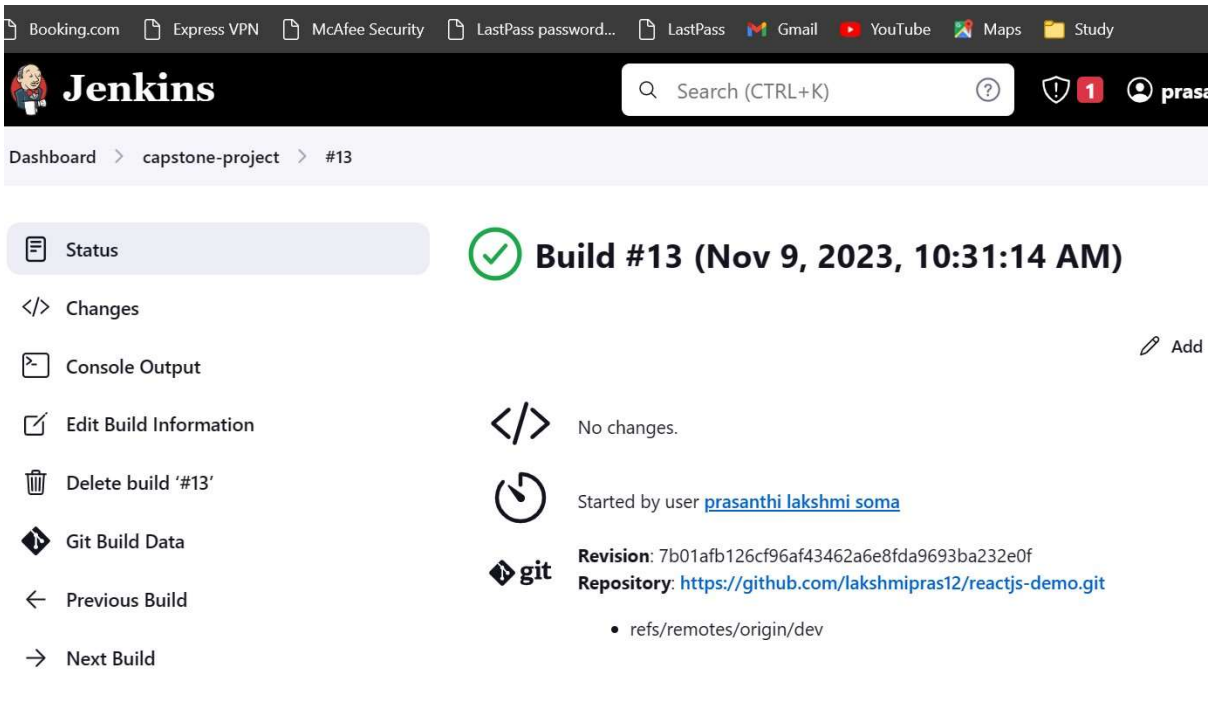
Build Steps

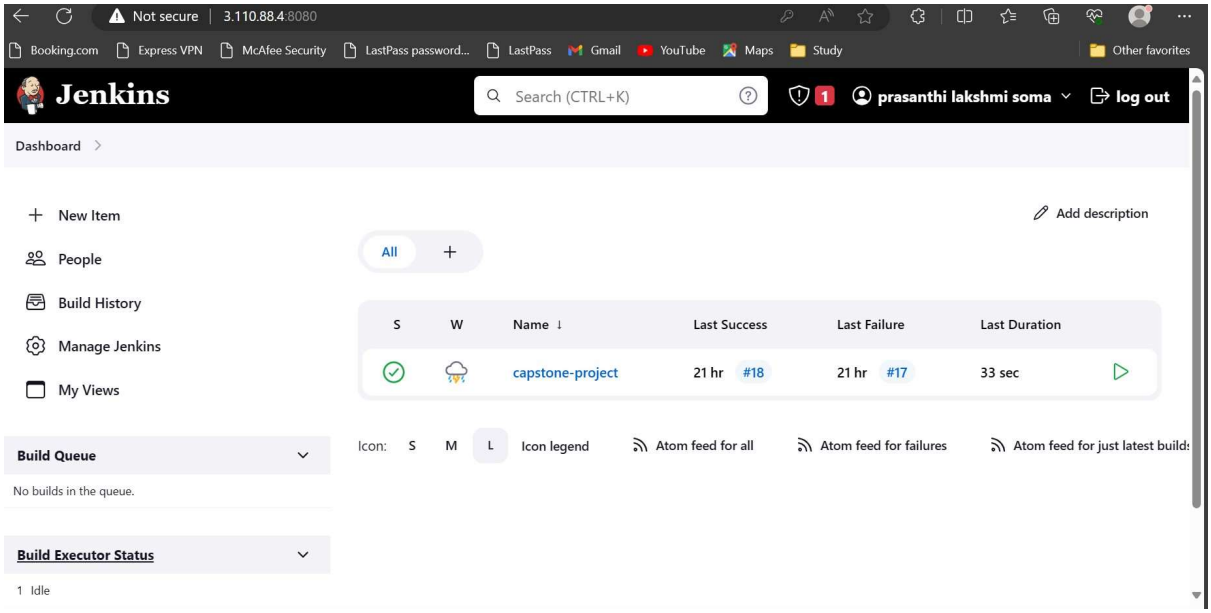
Execute shell

Command

See the list of available environment variables

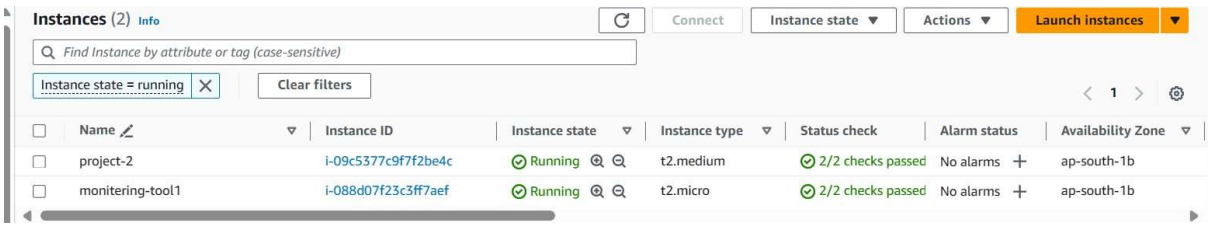
```
chmod 777 build.sh
./build.sh
chmod 777 deploy.sh
./deploy.sh
docker tag project lakshmipras12/prod:react
docker login -u lakshmipras12 -p dckr_pat_VTBJEuQeZPjAL3tcMhJZ_skjvxQ
docker push lakshmipras12/prod:react
```





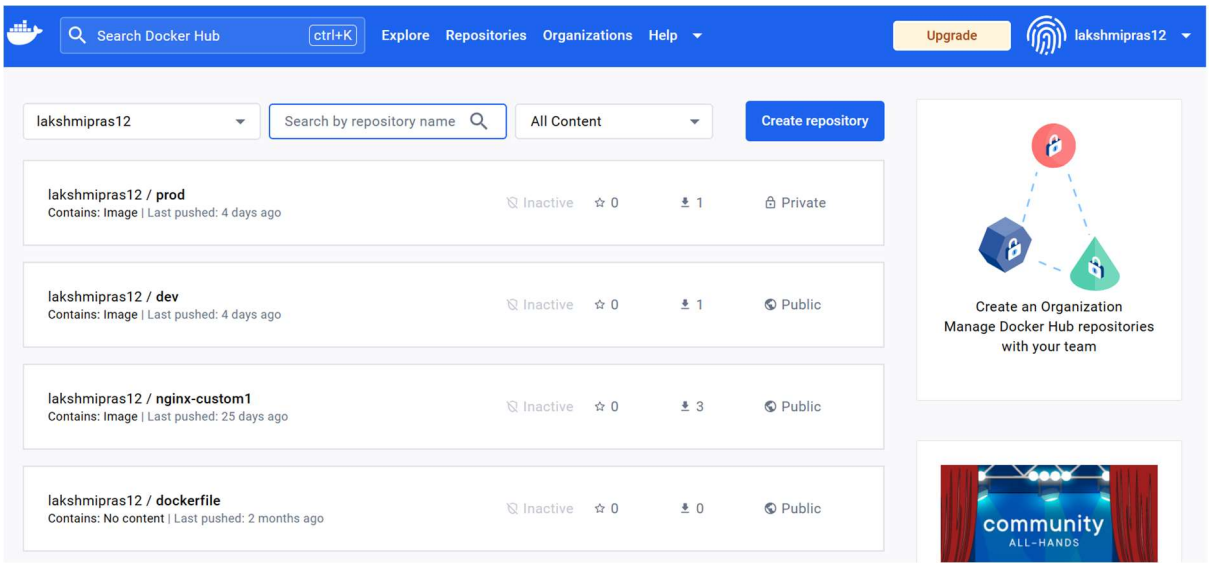

```
4b701b99fec7: Mounted from lakshmipras12/dev
f126bda54112: Mounted from lakshmipras12/dev
01e36c0e0b84: Mounted from lakshmipras12/dev
f606ee22576d: Mounted from lakshmipras12/dev
901e6dddcc99: Mounted from lakshmipras12/dev
38067ed663bf: Mounted from lakshmipras12/dev
854101110f63: Mounted from lakshmipras12/dev
81fdcc81a9d0: Mounted from lakshmipras12/dev
cc2447e1835a: Mounted from lakshmipras12/dev
react: digest: sha256:245d648399b155ab643527227a6af584854e9af80e784633648ca823958a3b4d size: 2199
Finished: SUCCESS
```

AWS (ec2-console and SG configure)

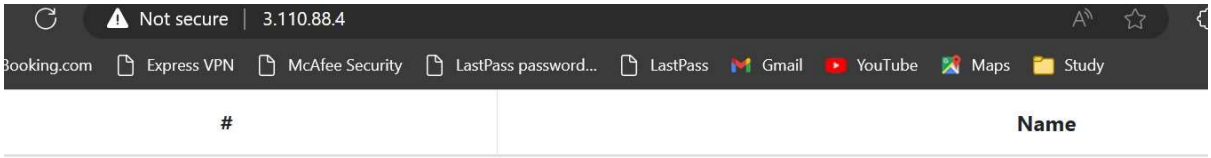


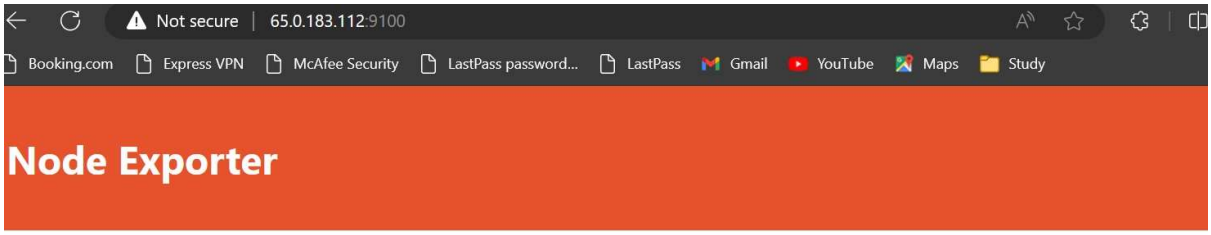
sgr-0c4925713bd08313d	HTTP	TCP	80	Custom	0.0.0.0/0		Delete
sgr-0b4dadc5e0296bba6	Custom TCP	TCP	9090	Custom	0.0.0.0/0		Delete
sgr-0dd028a89e0c7a8c8	Custom TCP	TCP	5000	Custom	0.0.0.0/0		Delete
sgr-0f017e265a1f7497e	Custom TCP	TCP	9100	Custom	0.0.0.0/0		Delete
sgr-0308c7453b2017b68	Custom TCP	TCP	8080	Custom	0.0.0.0/0		Delete
sgr-010acbed85d4a2ed0	Custom TCP	TCP	3000	Custom	0.0.0.0/0		Delete

Dockerhub repo with images:



Deployed site page:



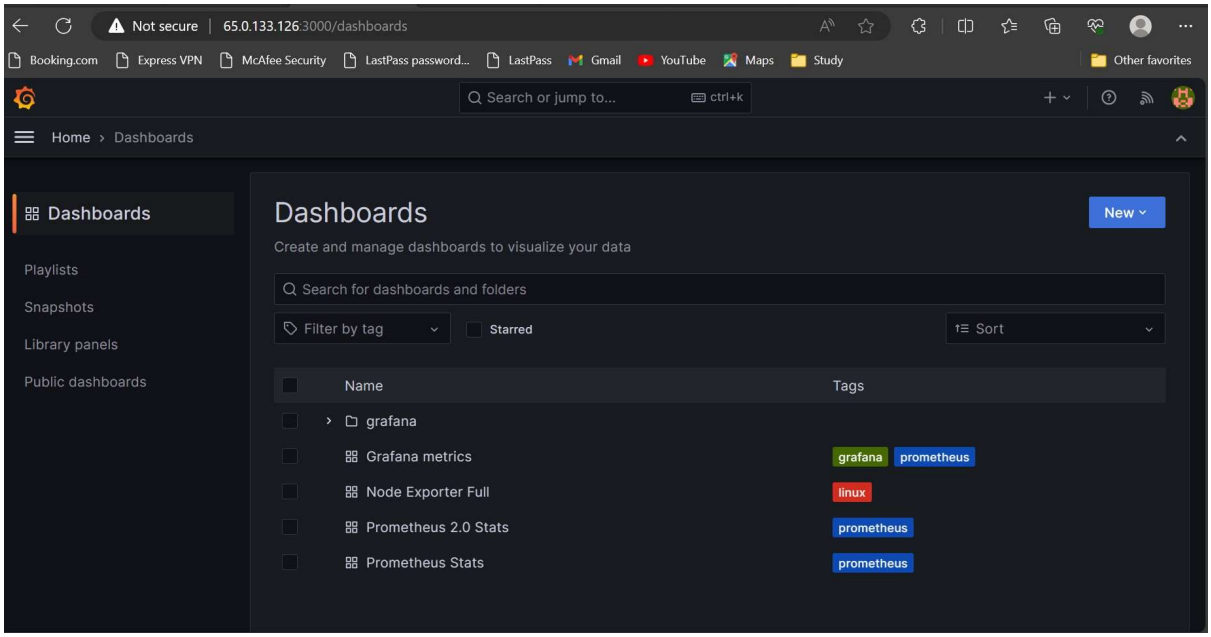


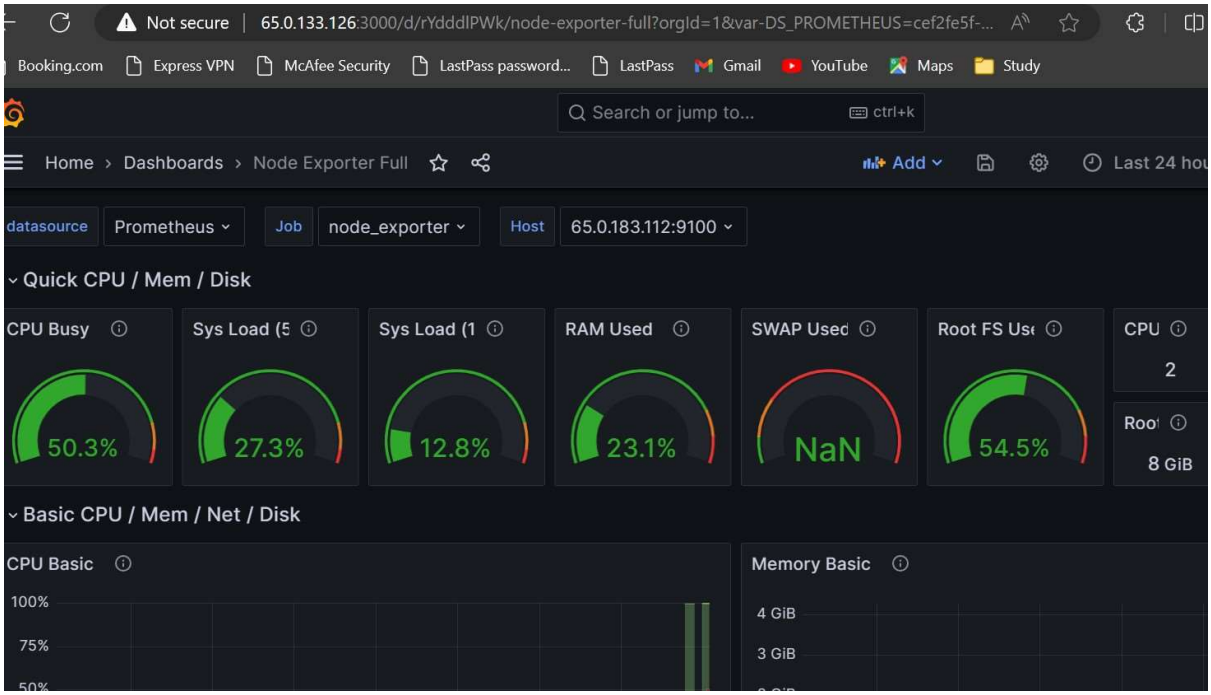
Prometheus Node Exporter

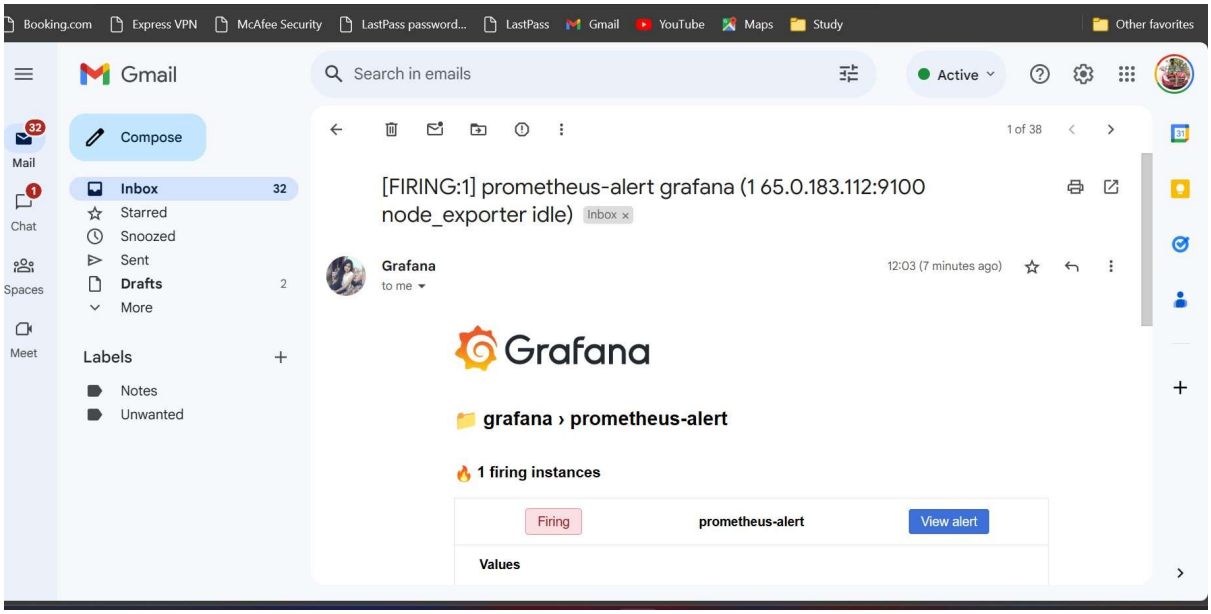
Version: (version=1.7.0, branch=HEAD, revision=7333465abf9efba81876303bb57e6fadb946041b)

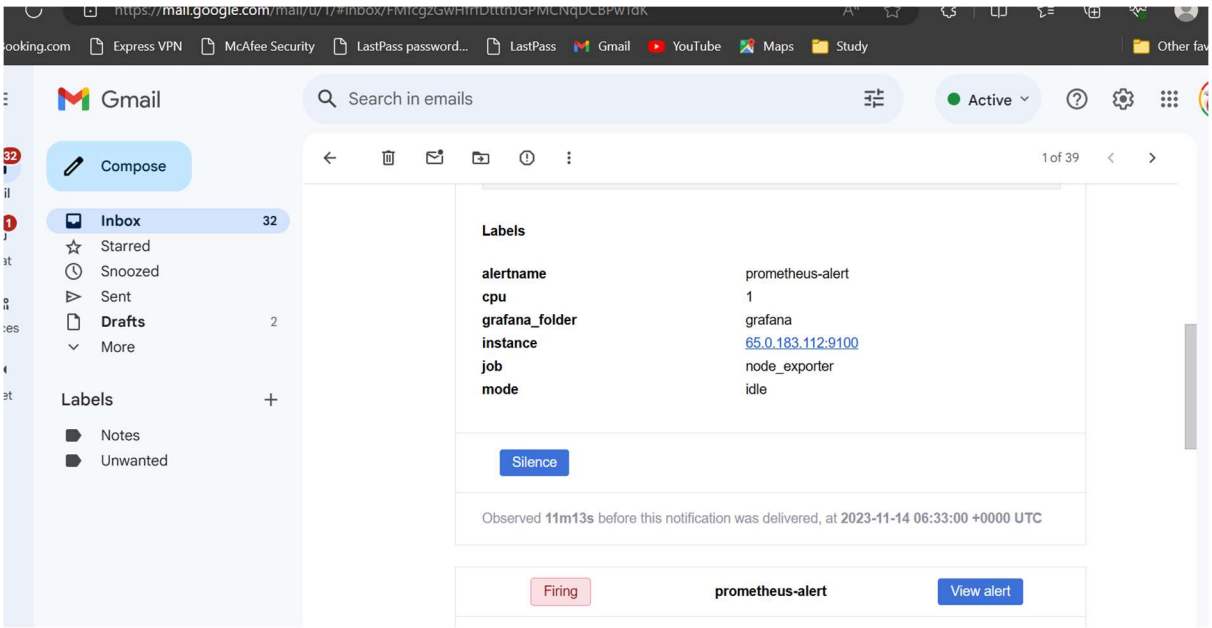
- Metrics

Monitering health check status:


Not secure | 65.0.133.126:3000/dashboards
Booking.com
Express VPN
McAfee Security
LastPass password...
LastPass
Gmail
YouTube
Maps
Study
Other favorites
Search or jump to... ctrl+k
Home › Dashboards
Dashboards
Playlists
Snapshots
Library panels
Public dashboards
Dashboards
Create and manage dashboards to visualize your data
New
Search for dashboards and folders
Filter by tag
Starred
Sort
Name
Tags
grafana
Grafana metrics
grafana
prometheus
Node Exporter Full
linux
Prometheus 2.0 Stats
prometheus
Prometheus Stats
prometheus


Not secure | 65.0.133.126:3000/d/rYdddlPWk/node-exporter-full?orgId=1&var-DS_PROMETHEUS=cef2fe5f-...
Booking.com
Express VPN
McAfee Security
LastPass password...
LastPass
Gmail
YouTube
Maps
Study
Search or jump to... ctrl+k
Home › Dashboards › Node Exporter Full
Add
Last 24 hou
datasource
Prometheus
Job
node_exporter
Host
65.0.183.112:9100
Quick CPU / Mem / Disk
CPU Busy
50.3%
Sys Load (5
27.3%
Sys Load (1
12.8%
RAM Used
23.1%
SWAP Used
NaN
Root FS Us
54.5%
CPU
2
Root
8 GiB
Basic CPU / Mem / Net / Disk
CPU Basic
100%
75%
Memory Basic
4 GiB
3 GiB


Booking.com
Express VPN
McAfee Security
LastPass password...
LastPass
Gmail
YouTube
Maps
Study
Other favorites
Gmail
Search in emails
Active
Compose
Inbox 32
Starred
Snoozed
Sent
Drafts 2
More
Labels
Notes
Unwanted
1 of 38
[FIRING:1] prometheus-alert grafana (1 65.0.183.112:9100 node_exporter idle)
Inbox
Grafana
to me
12:03 (7 minutes ago)
Grafana
grafana › prometheus-alert
1 firing instances
Firing
prometheus-alert
View alert
Values


Express VPN
McAfee Security
LastPass password...
LastPass
Gmail
YouTube
Maps
Study
Gmail
Search in emails
Active
Compose
Inbox 32
Starred
Snoozed
Sent
Drafts 2
More
Labels
Notes
Unwanted
1 of 39
Labels
alertname prometheus-alert
cpu 1
grafana_folder grafana
instance 65.0.183.112:9100
job node_exporter
mode idle
Silence
Observed 11m13s before this notification was delivered, at 2023-11-14 06:33:00 +0000 UTC
Firing
prometheus-alert
View alert