**Monitoring using Prometheus and Grafana on AWS Environment.**

1. **Created an instance with TCP ports 9090, 9091, 9093, 9100, 3000 anywhere.**
2. **And connected to putty**
3. **Given these commands**

$ sudo useradd --no-create-home prometheus

$ sudo mkdir /etc/prometheus /var/lib/prometheus

$ wget https://github.com/prometheus/prometheus/releases/download/v2.49.0/prometheus-2.49.0.linux-amd64.tar.gz

$ tar -xvf prometheus-2.49.0.linux-amd64.tar.gz

$ cd prometheus-2.49.0.linux-amd64

$ sudo cp prometheus promtool /usr/local/bin/

$ sudo cp -r consoles console\_libraries /etc/prometheus/

$ cd ..

$ rm -rf prometheus-2.49.0.linux-amd64\*

1. **Then**

$ sudo nano /etc/prometheus/prometheus.yml

**Code in this yml**

global:

scrape\_interval: 15s

scrape\_configs:

- job\_name: 'prometheus'

static\_configs:

- targets: ['13.232.185.160:9090']

- job\_name: 'node\_exporter'

static\_configs:

- targets: ['localhost:9100']

1. **Then**

$ sudo nano /etc/systemd/system/prometheus.service

**Code in this yml is**

[Unit]

Description=Prometheus

After=network.target

[Service]

User=prometheus

ExecStart=/usr/local/bin/prometheus \

--config.file /etc/prometheus/prometheus.yml \

--storage.tsdb.path /var/lib/prometheus/ \

--web.console.templates=/etc/prometheus/consoles \

--web.console.libraries=/etc/prometheus/console\_libraries

[Install]

WantedBy=multi-user.target

**But I got error so I used this yml code**  
[Unit]

Description=Prometheus

After=network.target

[Service]

User=prometheus

ExecStart=/usr/local/bin/prometheus \

--config.file=/etc/prometheus/prometheus.yml \

--storage.tsdb.path=/var/lib/prometheus \

--web.listen-address=0.0.0.0:9090

[Install]

WantedBy=multi-user.target

1. **Executed**

$ sudo chown -R prometheus:prometheus /etc/prometheus /var/lib/prometheus

$ sudo systemctl daemon-reload

$ sudo systemctl enable prometheus

$ sudo systemctl start prometheus

1. **Then**

[**http://localhost:9090/**](http://localhost:9090/) **in a browser with my public ip**

1. **But I cant open the browser**

$ sudo lsof -i -P -n | grep 9090

After entering this command

You should see Prometheus bound to 0.0.0.0:9090.  
If it’s only on 127.0.0.1:9090, then the service file change didn’t apply.

Follow the 5th point