**\*\*\*\*Install Grafana on Ubuntu 22.04|20.04|18.04\*\*\*\***

**pre-requitiees**

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enable ports (http(80),https(443)and grafana port(3000) in SG)

t2.medium instance req (4 GB RAM)

**Step 1: Update system**

$sudo apt update

**Step 2: Add Grafana APT repository**

$ sudo apt install -y gnupg2 curl software-properties-common

$ curl -fsSL https://packages.grafana.com/gpg.key|sudo gpg --dearmor -o /etc/apt/trusted.gpg.d/grafana.gpg

$ sudo add-apt-repository "deb https://packages.grafana.com/oss/deb stable main"

**Step 3: Install Grafana on Ubuntu 22.04|20.04|18.04**

$ sudo apt update

$ sudo apt -y install grafana

$ sudo systemctl enable --now grafana-server

$ systemctl status grafana-server.service

**Step 4: Open Port on Firewall**

$ sudo apt -y install ufw

$ sudo ufw enable

$ sudo ufw allow ssh

$ sudo ufw allow 3000/tcp

$ sudo ufw allow from 192.168.50.0/24 to any port 3000

**\*\*\*\*\*\*\*Install and Configure InfluxDB on Ubuntu 20.04\*\*\*\*\*\*\*\***

**Step 1 – Update the system.**

$sudo su

$apt-get update

**Step 2 – Install repositories for InfluxDB.**

$curl -sL https://repos.influxdata.com/influxdb.key | sudo apt-key add -

$echo "deb https://repos.influxdata.com/ubuntu bionic stable" | sudo tee /etc/apt/sources.list.d/influxdb.list

$apt-get update

**Step 3 – Install Influxdb.**

$apt-get install influxdb

**Step 4 – Start & Enable the Influxdb.**

$systemctl start influxdb

$systemctl enable influxdb

$systemctl status influxdb

**Step 5 – Configure the Influxdb. Open the influxdb configure file.**

$vim /etc/influxdb/influxdb.conf

####uncommnet####

[http]

enabled = true

$systemctl restart influxdb

**Step 6 – Create the InfluxDB account for Admin.**

$curl -XPOST "http://localhost:8086/query" --data-urlencode "q=CREATE USER influxdbadmin WITH PASSWORD 'password\_here' WITH ALL PRIVILEGES"

$influx -username 'admin' -password 'password'

$CREATE DATABASE <db\_name>

exit

$curl -G http://localhost:8086/query -u ADMIN\_NAME:PASSWORD\_NAME --data-urlencode "q=QUERY"

$curl -XPOST "http://<localhost> or <ip address of server>:8086/query" \

$--data-urlencode "q=CREATE USER user\_name WITH PASSWORD 'user\_password' WITH ALL PRIVILEGES"

**Step 7 – Open the port number for Influxdb.**

$ufw allow 8086/tcp

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$sudo lsof -i -P

$infux

>show databases

>create database <database name>

>exit