

Module 1: Monitoring using Prometheus and Grafana

Demo Document - 2

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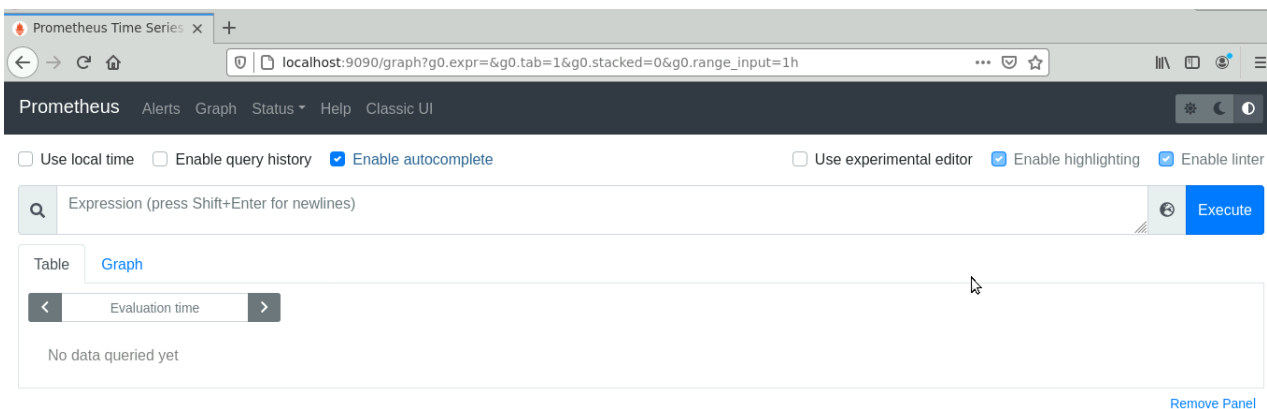
Demo – 2: Monitoring a Kubernetes Service using Prometheus

- To enable Prometheus execute the following command in the terminal

Syntax: `/opt/prometheus-2.27/prometheus --config.file=/opt/prometheus-2.27/prometheus.yml &`

```
edureka@kmaster:~$ /opt/prometheus-2.27/prometheus --config.file=/opt/prometheus-2.27/prometheus.yml
level=info ts=2021-06-28T09:20:55.876Z caller=main.go:388 msg="No time or size retention was set so using the default time retention" duration=15d
level=info ts=2021-06-28T09:20:55.876Z caller=main.go:426 msg="Starting Prometheus" version="(version=2.27.1, branch=HEAD, revision=db7f0bcec27bd8aeebad6b08ac840516c5f0c0000)"
```

- The Prometheus dashboard can be accessed from localhost:9090 in your browser



- To start Grafana on your system run the following command in the terminal

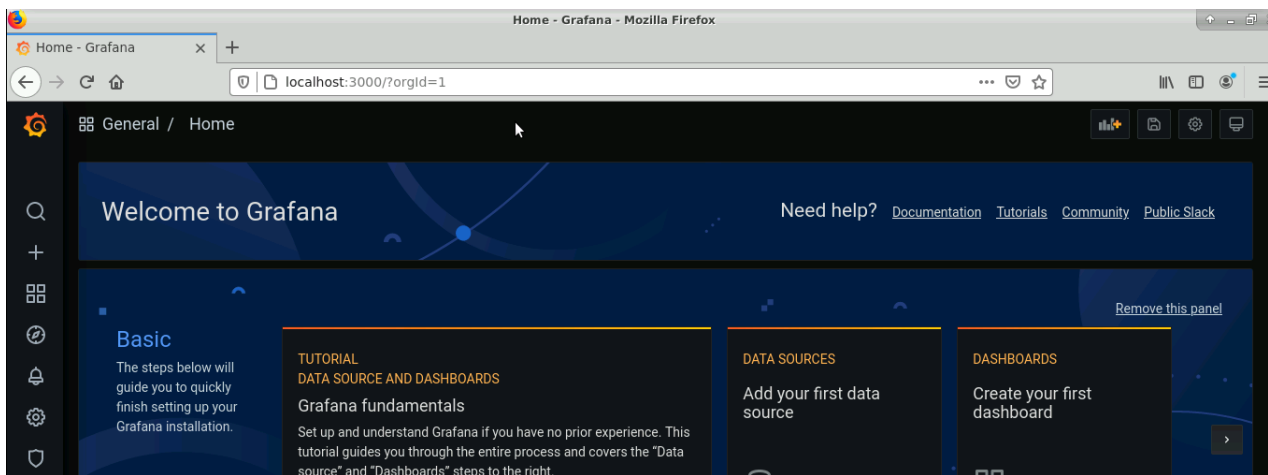
Syntax: `sudo systemctl start grafana-server`

You can check the status using the status command

`systemctl status grafana-server`

```
edureka@kmaster:~$ sudo systemctl start grafana-server
edureka@kmaster:~$ sudo systemctl status grafana-server
● grafana-server.service - Grafana instance
   Loaded: loaded (/usr/lib/systemd/system/grafana-server.service; disabled; ven
   Active: active (running) since Mon 2021-06-28 09:18:08 UTC; 5s ago
     Docs: http://docs.grafana.org
    Main PID: 8743 (grafana-server)
```

- The Grafana dashboard can be accessed from localhost:3000 in your browser



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