Experiment 13: Prometheus on k3d

In this experiment, we will deploy Prometheus and configure it in Grafana.

Create a cluster, for the experiment

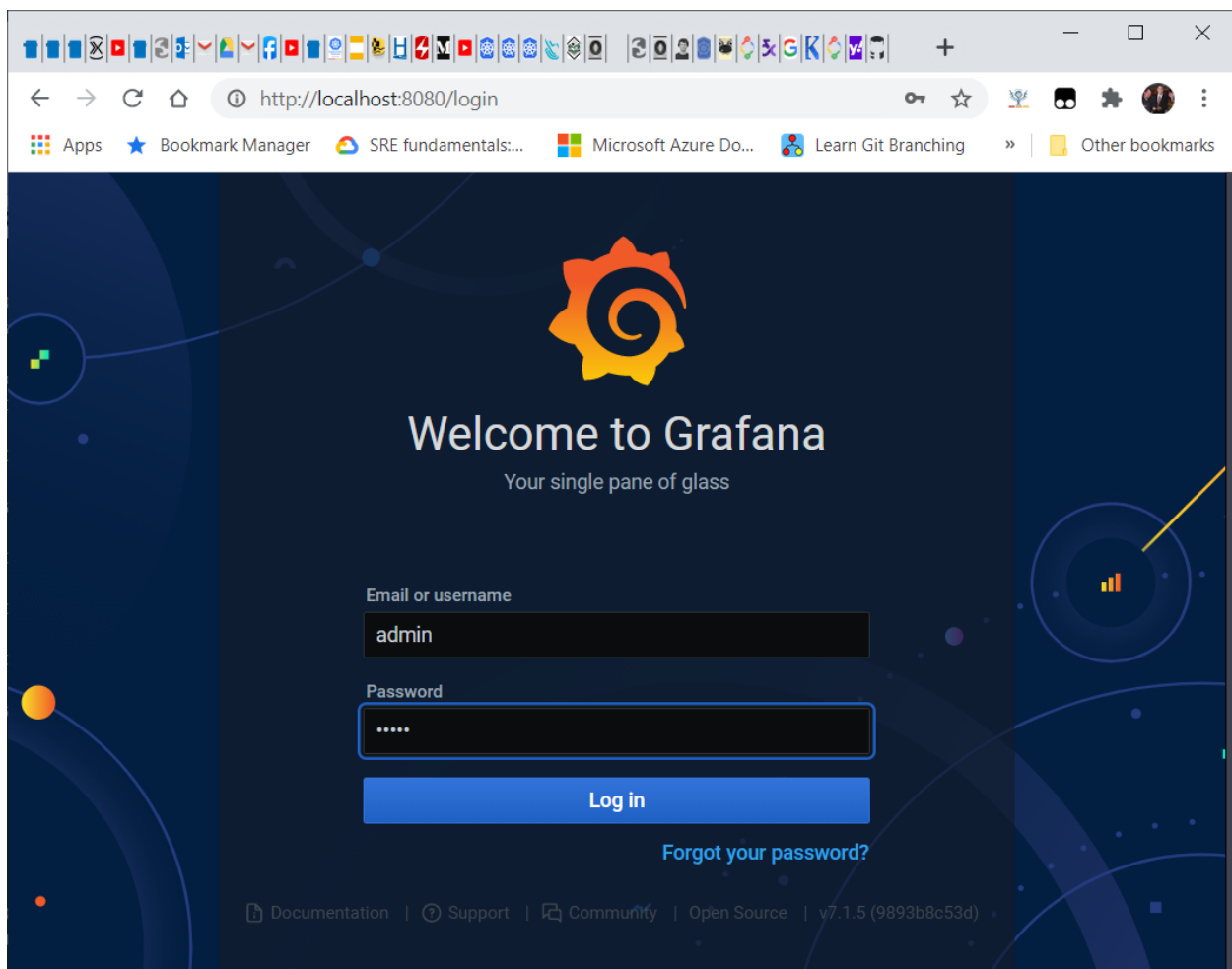$ **k3d cluster create prometheus-demo --api-port 6550 --agents 2**

C:\k3d> **kubectl apply -f grafana.yaml**
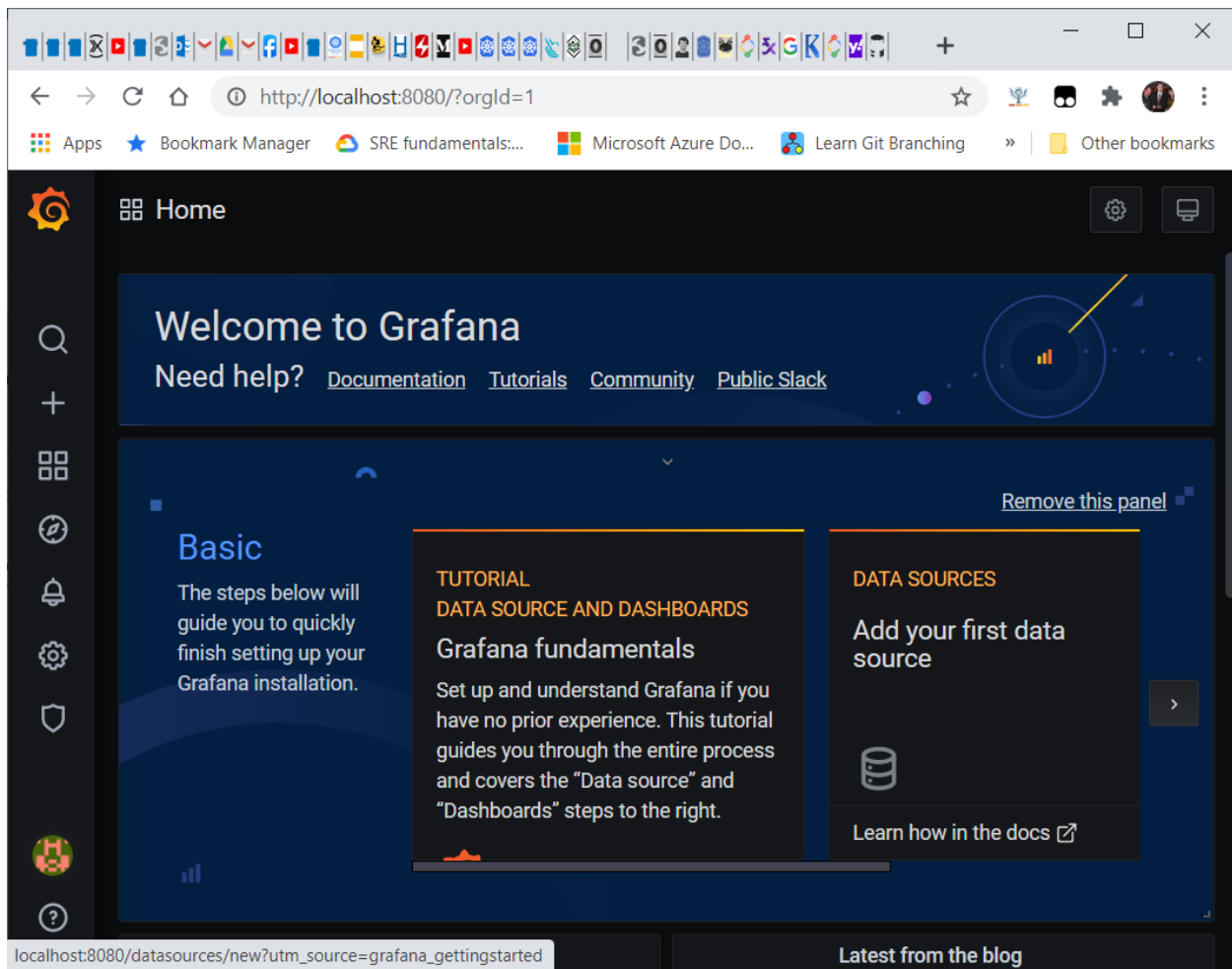
C:\k3d> **kubectl apply -f prometheus.yaml**

C:\k3d> **kubectl port-forward deployments/grafana 8080:3000**

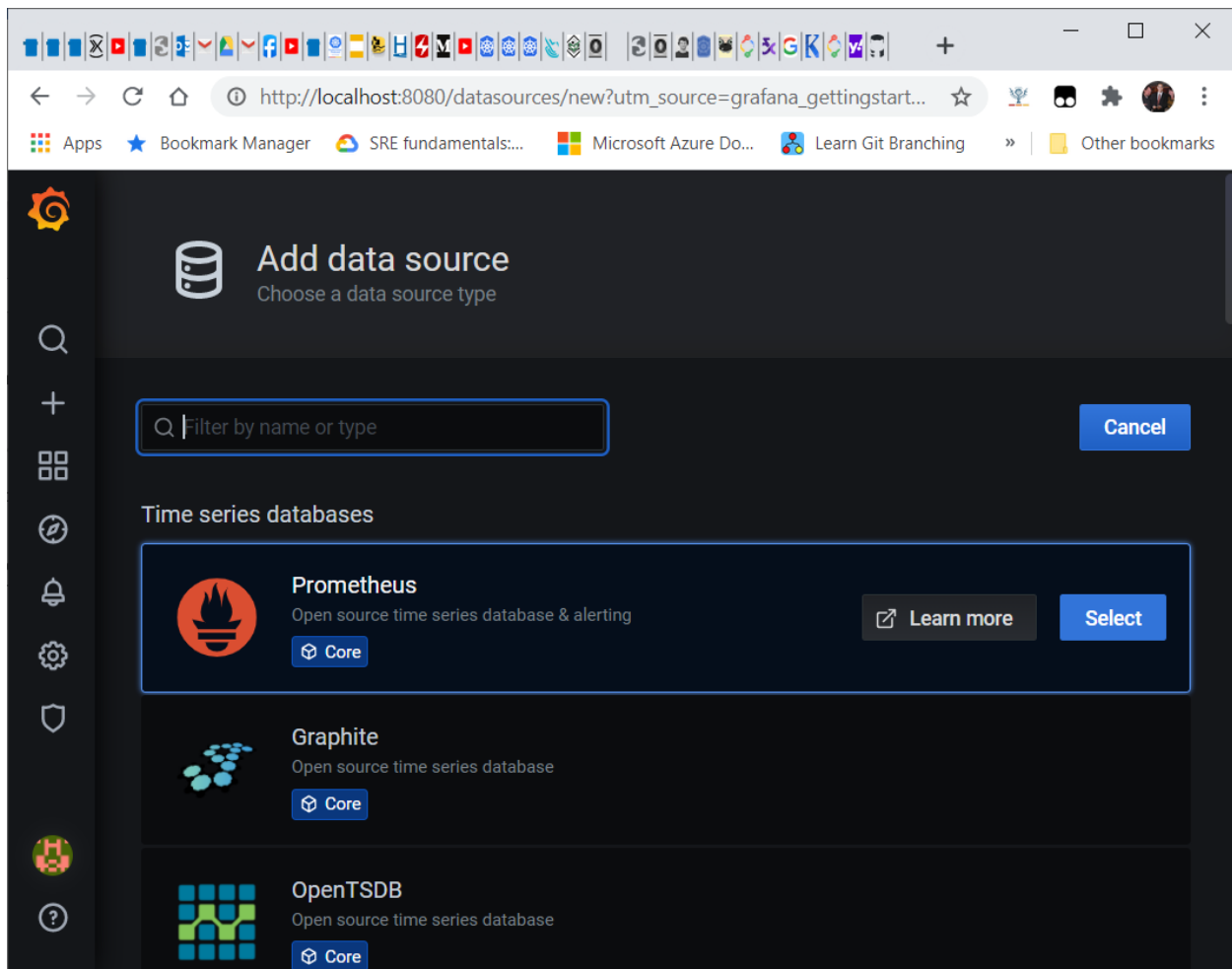Load Grafana in a browser at http://localhost:8080/login
User name and password are admin/admin

Select the Add your first data source dashlet

Select Prometheus from the data sources. Review the other options, since there are many possible data sources for your dashboard that might be useful in the future.

Select "Select" for Prometheus

Now you have Prometheus installed and configured in Grafana.

$ **k3d cluster delete prometheus-demo**