Setup Kubernetes using minikube

1. Install Minikube

Before you begin

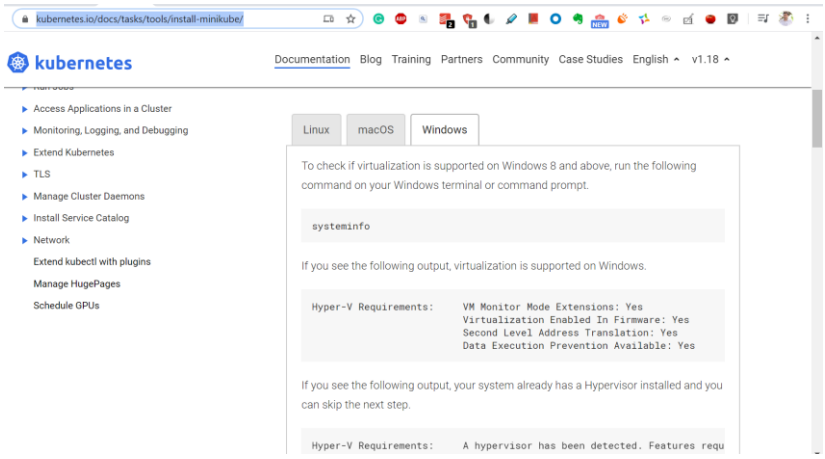


Fig1: systeminfo

minikube start

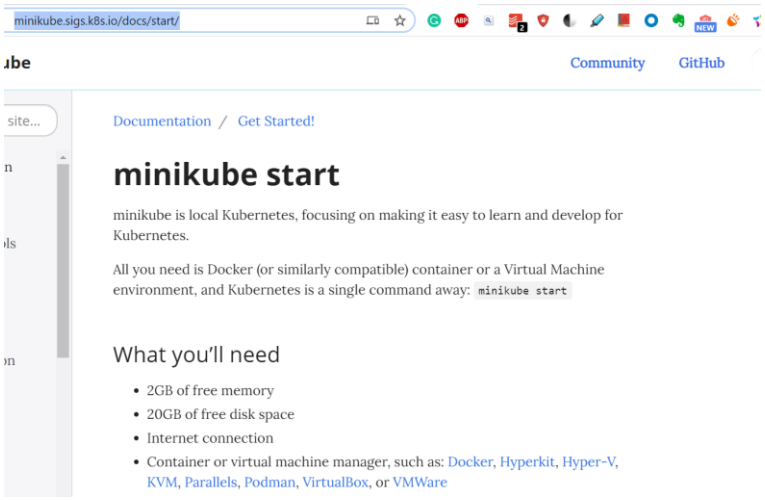


Fig2: system requirements

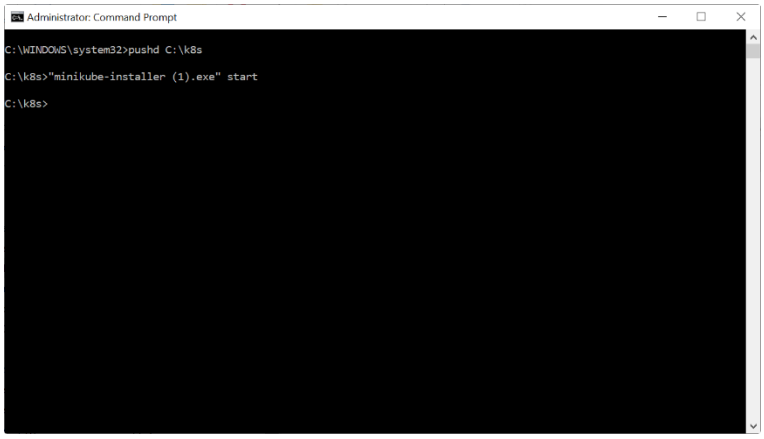


Fig3: minikube start

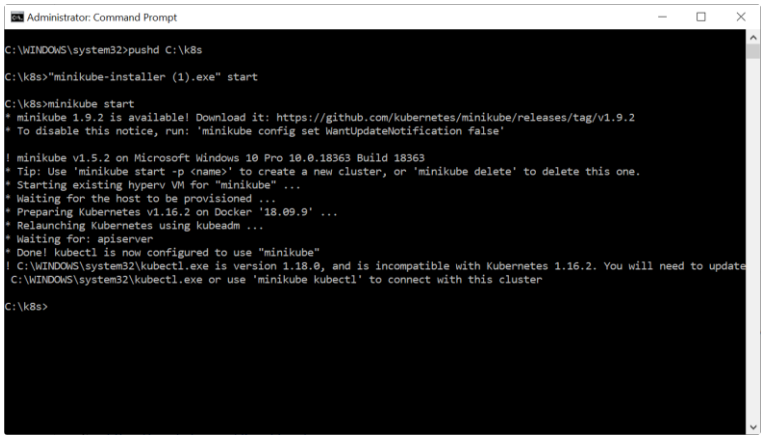


Fig4: minikube start

2. Interact with your cluster:

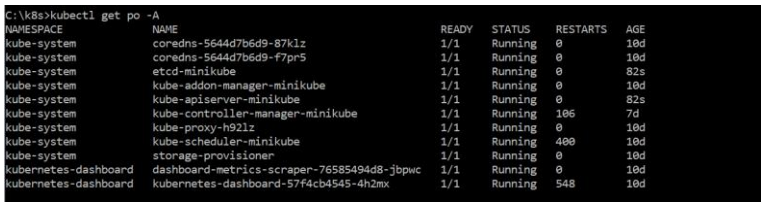


Fig5: pod details

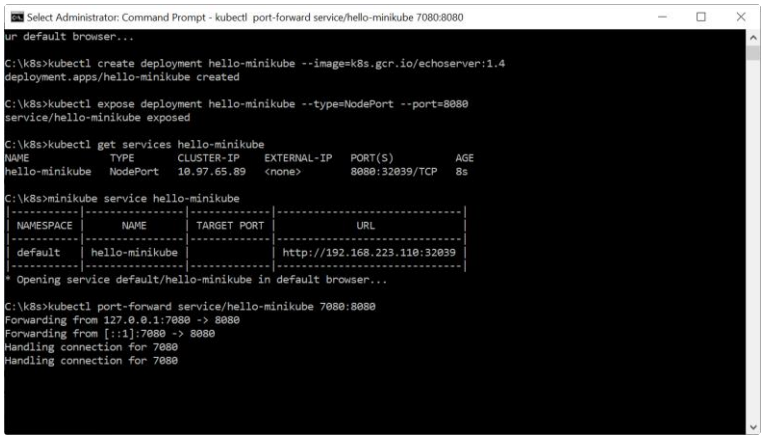


Fig6: Deploy applications, expose it on port 8080

Fig7: kubectl to forward the port

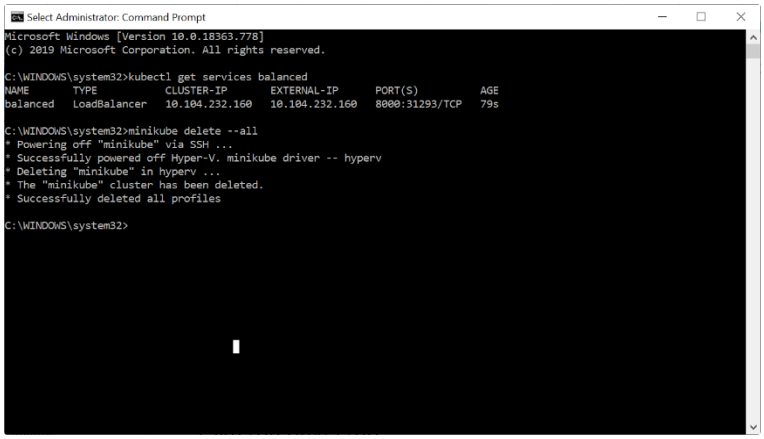
3. Manage your cluster

Pause Kubernetes without impacting deployed applications:

```
minikube pause
```

Halt the cluster:

```
minikube stop
```



References:

https://kodekloud.com/courses/316262/lectures/4857653

https://minikube.sigs.k8s.io/docs/start/

https://kubernetes.io/docs/tasks/tools/install-minikube/