

ASSIGNMENT-3: KUBERNETES

Installations:

1. Kubectl and minikube installations:

a. Linux, MacOS, VM/WSL users:

- i. <https://kubernetes.io/docs/tasks/tools/>
- ii. <https://minikube.sigs.k8s.io/docs/start/> - Steps 1 and 2

NOTE: Please logout/restart your system after installing kubectl before you begin installing minikube

2. For Windows/Docker Desktop users:

Make sure docker is up and running. (Run: docker run hello-world)

Open Docker Desktop → Settings → Kubernetes → Enable Kubernetes → Apply and Restart

Run kubectl version to ensure that kubectl is working properly.

Open command prompt as administrator and run winget install minikube.

Close the command prompt and re-open it and run minikube start

Use the administrator mode to perform all the exercises to avoid permission issues.