

Kubernetes course prerequisites

These are the tools need to be installed on local machine. Also create accounts with couple of service providers. It will be great if you can keep it ready before training starts.

1. **Git:**

Windows: Install gitbash <https://gitforwindows.org/>

Mac: brew install git (command line)

1. **Oracle VirtualBox:** <https://www.oracle.com/ca-en/virtualization/technologies/vm/downloads/virtualbox-downloads.html>

Expected to create single virtual machine for docker with 1CPU, 2GB RAM.

For High Availability Kubernetes Cluster, 3 Master nodes and 1 Worker node.

1. **Vagrant:** <https://developer.hashicorp.com/vagrant/docs/installation>

1. **Minikube:** <https://minikube.sigs.k8s.io/docs/start/>

1. **Kubernetes utilities:**

kubectl: <https://kubernetes.io/docs/tasks/tools/>

1. **Create accounts if you don't have already,**

Github: <https://github.com/>

Docker: <https://hub.docker.com/>

AWS cloud: <https://aws.amazon.com/> (Remember to select free tier account)

