

Docker and Kubernetes Lab Setup Guide

Pre-requisites:

1) Install Oracle VirtualBox 6 and above

Instructions to setup Docker-K8s-Box in local:

Step1: Download Docker-K8s-Box from below url (AWS S3 bucket)

<https://doc-k8s-training.s3.ap-south-1.amazonaws.com/Docker-K8s-Box-Ubuntu18.ova>

Step2: Import Docker-K8s-Box image

Start Oracle VirtualBox -> File -> Import Appliance -> Browse to Docker-K8s-Box image location and select .ova file

Step3: Import will start and may take around 15-30 mins

Step4: After import complete, start Docker-K8s-Box and will prompt for credentials.

Enter password. (username: dockerk8slab, password: dock8s@123)

Step5: You will be logged in. You may verify the installation by opening terminal and checking Docker and Kubernetes setups.

Verify Docker installation

`$docker --version`

(should see docker version detail)

Verify Kubernetes (minikube) installation

`$minikube version`

(should see minikube version detail)

WELL DONE. Setup is complete. Further configuration details be shared during training session.

Note: Please do not directly copy the commands and execute in the server terminal. Advised to copy to text editor and execute in the server to avoid any encoding and syntax errors.