

INSTALLATION AND USING MIINIKUBE

In the root directory create minikube directory

```
mkdir minikube
```

```
cd minikube
```

```
sudo apt install -y curl wget apt-transport-https
```

```
sudo apt install -y docker.io
```

```
sudo systemctl enable --now docker
```

```
sudo usermod -aG docker $USER && newgrp docker
```

Install Minikube:

```
curl -Lo minikube https://storage.googleapis.com/minikube/releases/latest/minikube-linux-amd64
```

Making it executable and moving into the path

```
chmod +x minikube
```

```
sudo mv minikube /usr/local/bin/
```

Starting the Minikube cluster

```
minikube start --driver=docker --vm=true
```

If both Kubernetes contexts are installed for example “kind” and “minikube” then do not give “extraportmapping” in the config.yml file of kind

To check all the contexts installed use kubectl

```
kubectl config get-contexts
```

To select a particular context use

```
kubectl config use-context "context_name"
```

```
kubectl get nodes
```