

1. Install Docker :

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

```
sudo systemctl enable docker
```

```
sudo systemctl start docker
```

2. Add user to Docker group :

```
sudo usermod -aG docker ubuntu && newgrp docker
```

3. Download the latest release of kubectl with the command:

```
curl -LO https://dl.k8s.io/release/\$\(curl -L -s https://dl.k8s.io/release/stable.txt\)/bin/linux/amd64/kubectl
```

4. Validate the binary (optional) :

```
curl -LO https://dl.k8s.io/release/\$\(curl -L -s https://dl.k8s.io/release/stable.txt\)/bin/linux/amd64/kubectl.sha256
```

5. install kubectl :

```
sudo install -o root -g root -m 0755 kubectl /usr/local/bin/kubectl
```

6. Checking the version of kubectl :

```
kubectl version
```

7. Installation of minikube on Linux (ubuntu) :

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

```
sudo install minikube-linux-amd64 /usr/local/bin/minikube
```

8. Start the cluster :

```
minikube start --driver=docker
```

9. To interact with the cluster :

```
minikube kubectl -- get po -A
```