

# COMMANDS

- **JENKINS**

- **to install jenkins using docker**

```
docker run -d --name jenkins-greatness -p 8087:8080 -p 50000:50000 \
-v jenkins_data:/var/jenkins_home \ -v
/var/run/docker.sock:/var/run/docker.sock \ --network minikube
jenkins/jenkins:lts
```

- **to connect jenkins to docker**

```
docker exec -u root -it jenkins-greatness /bin/bash
apt-get install sudo
groups jenkins
groupadd docker
usermod -aG docker jenkins
docker restart jenkins-greatness
ls -l /var/run/docker.sock
```

- **Docker**

- **to install docker**

```
sudo apt-get update
sudo apt-get install -y apt-transport-https ca-certificates curl gnupg2
software-properties-common sudo curl -fsSL
https://download.docker.com/linux/debian/gpg |
sudo apt-key add -
sudo add-apt-repository "deb [arch=amd64]
https://download.docker.com/linux/debian $(lsb_release -cs) stable"
sudo apt-get update
sudo apt-get install -y docker-ce-cli
```

- **Kubernetes**

- **to install kubectl**

```
sudo curl -L
"https://storage.googleapis.com/kubernetes-release/release/"`curl -s
```

```
https://storage.googleapis.com/kubernetes-release/release/stable.txt`/  
bin/linux/amd64/kubectl" -o /usr/local/bin/kubectl
```

```
sudo chmod +x /usr/local/bin/kubectl
```