

~\OneDrive\Pictures\Setup Kubernetes P1.unknown

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Codage
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Setup Kubernetes Master Server

#sudo apt update
#curl -LO https://storage.googleapis.com/minikube/releases/latest/minikube-linux-amd64
sudo install minikube-linux-amd64 /usr/local/bin/minikube
#minikube start --> Error Will Occur
#minikube start --driver=docker --> Error
#sudo apt-get update
sudo apt-get install ca-certificates curl gnupg
sudo install -m 0755 -d /etc/apt/keyrings
curl -fsSL https://download.docker.com/linux/ubuntu/gpg | sudo gpg --dearmor -o /etc/apt/keyrings/docker.gpg
sudo chmod a+r /etc/apt/keyrings/docker.gpg
#echo \
  "deb [arch="$(dpkg --print-architecture)" signed-by=/etc/apt/keyrings/docker.gpg] https://download.docker.com/linux/ubuntu \
  "${. /etc/os-release && echo "$VERSION_CODENAME")" stable" | \
  sudo tee /etc/apt/sources.list.d/docker.list > /dev/null
sudo apt-get update --> Some Hidden Key Installation
#sudo apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin
#minikube start --driver=docker
#sudo usermod -aG docker $USER && newgrp docker
#minikube start --driver=docker
#kubectl get po -A
#sudo snap install kubectl
#sudo snap install kubectl --classic
#kubectl get po -A
SetUp Done
```

```
#git clone [github's repository https link]
#ls
#cd todo-app
#ls
#cd django-todo-cicd-develop
#ls
#cd django-todo-cicd-develop
#docker build -t image name ex[shaikhfaizahmed111/django-todo]:latest .
#curl -L http://[ip of instance]:8000
#docker login
#docker images
#docker run -d -p 8000:8000 [image name]
#git clone [github's repository https link]
#docker build -t image name ex[shaikhfaizahmed111/django-todo]:latest .
#docker run -d -p 8000:8000 [image name]
#curl -L http://[ip of instance]:8000
#mkdir k8s
#cd k8s
#docker images
#docker login
#docker push [image name]
#vim pod.yaml
  go to G-search [pod kubernetes,copy the code,and past it in vim pod.yaml]
  [1=name-todo-pod, 2=name -todo-app, 3=image-image name,4=8000]
#kubectl apply -f pod.yaml
#kubectl get pod
#vim deployment.yaml
  go to G-search [deployment kubernetes,copy the code,and past it in vim deployment.yaml]
  [name-todo-app, image-image name,8000]
#kubectl apply -f deployment.yaml
#kubectl get pod
#vim service.yaml
  go to G-search [deployment kubernetes,copy the code,and past it in vim service.yaml]
  [name-todo-app, image-image name,8000]
#kubectl apply -f service.yaml
#kubectl get svc
{DONE}
```

Thank you for using our Script
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