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**********************************
**       KUBERNETES COMMANDS        **
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IN THE MASTER
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INSTALL K3S DISTRIBUTION
curl -sfL https://get.k3s.io | K3S_KUBECONFIG_MODE="644" sh -s -

RESTART THE MASTER
/etc/systemd/system/k3s.service
sudo systemctl restart k3s.service


LIST THE CLUSTER NODES
kubectl get nodes

GET THE TOKEN TO ADD MORE NODES TO THE CLUSTER
sudo cat /var/lib/rancher/k3s/server/node-token


IN NODE1
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INSTALL K3S AND ADD THE NODE TO THE CLUSTER
curl -sfL https://get.k3s.io | K3S_URL=https://IP:6443 K3S_TOKEN=token sh -s -
--node-label node-type=worker

RESTART KUBELET
/etc/systemd/system/k3s-agent.service
sudo systemctl restart k3s-agent.service

CHECK THE APPLICATION HAS BEEN DEPLOYED
ps -ef | grep python

CHECK THE APPLICATON HAS BEEN ERASED
ps -ef | grep python


IN THE HOST
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COPY THE APPLICATION DEPOYMENT FILE
multipass transfer deployment.yaml master:.


IN THE MASTER
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DEPLOY THE APPLICATION
kubectl apply -f deployment.yaml

LIST THE PODS
kubectl get pods -o wide
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SEE THE LOGS OF A POD
kubectl logs PODNAME -f

SCALE THE APPLICATION
kubectl scale --replicas=5 -f deployment.yaml

ERASE THE APPLICATION
kubectl delete -f deployment.yaml

MODIFY THE DEPLOYMENT FILE, ERASING THE nodeSelector SPECIFICATION
RES-DEPLOY THE APPLICATION. WHERE IS IT DEPLOYED?
kubectl apply -f deployment.yaml
kubectl get pods -o wide
```