

```
1 $curl -LO https://storage.googleapis.com/kubernetes-release/release/`curl -s  
https://storage.googleapis.com/kubernetes-release/release/stable.txt`/bin/linux/amd64/kub  
ectl  
2  
3 $chmod 700 kubect1  
4  
5 $wget https://github.com/kubernetes/kops/releases/download/1.12.3/kops-linux-amd64  
6  
7 $chmod 700 kops-linux-amd64  
8  
9  
10  
11 $mv kubect1 /usr/local/sbin/kubect1  
12  
13 $mv kops-linux-amd64 /usr/local/sbin/kops  
14  
15 $aws configure  
16  
17 $ssh-keygen -f k8skey  
18  
19 $$kops create cluster --name=nbharath.ml --state=s3://nbharath.ml --zones=ap-south-1a  
--node-count=1 --node-size=t2.micro --dns-zone=nbharath.ml --dns private  
20  
21 $kops create cluster --name=nbharath.ml --state=s3://nbharath.ml --zones=us-east-1a  
--node-count=2 --node-size=t2.micro --dns-zone=nbharath.ml  
22  
23 $kops update cluster nbharath.ml --yes --state=s3://nbharath.ml  
24  
25  
26 delete:  
27  
28 $kops delete cluster --name nbharath.ml --state=s3://nbharath.ml --yes  
29  
30 cmds:  
31 =====  
32 $kubect1 get nodes  
33 $kubect1 get pods  
34 $kubect1 run nginx1 --image=nginx --port=80 --replicas=3  
35 $kubect1 get deployment  
36 $kubect1 get pods -o wide  
37 $kubect1 exec nginx1-id ls  
38 $kubect1 get deployment --all-namespaces  
39 $kubect1 label pod nginx-id env=prod  
40 $kubect1 get pods --show-labels  
41 $kubect1 get pods -l env=prod  
42 $kubect1 delete pods podids  
43 $kubect1 get rs  
44 $kubect1 delete deployment nginx (delete deployment)  
45  
46 custer expand:  
47 =====  
48 $kops edit ig --name omicmd.xyz --state=s3://kuberneteslab nodes  
49 $kops update cluster omicmd.xyz --yes --state=s3://kuberneteslab  
50 [$alias kube=kubect1]  
51 $kube create -f pod.yml  
52 $kube get pods  
53 $ kube get pod -o wide  
54 $kubect1 discribe pod nginxpod2  
55 $kubect1 delete pod nginxpod nginxpod2  
56 $kubect1 create -f deploy.yml  
57 $kubect1 get deployment  
58 $kubect1 get rs  
59 $kubect1 expose pod deploy-nginx-id --type=NodePort --name nginx100-sevice  
service/nginx100-service exposed  
60 $kubect1 get svc  
61 $kubect1 get pods,deploy,svc,nodes  
62 $kubect1 delete service servicename  
63 $kubect1 | head  
64 $which kubect1
```

```
65 $kubectl create -f daemonset.yaml
66 $kubectl get po -o wide
67 $kubectl describe ds fluentd-elasticsearch
68 $kubectl delete ds fluentd-elasticsearch
69
70
71 $kubectl get pods --all-namespaces -o wide-
72
73
74 $ssh -i ~/.ssh/id_rsa admin@api.nbharath.ml
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```