

k8s



```
# master
kubectl get cs

# 
kubectl get nodes

# pod
kubectl get pods

# 
kubectl get deployments

# 
kubectl cluster-info

# 
kubectl delete node node42.vpclub.io

# pod
kubectl delete pod nginx-3654852276-2dt73

# deployment
kubectl delete deployment nginx

# 
kubectl describe pods

# 
kubectl exec -it <nginx-webapp-2067515279-1z0lb> /bin/bash

# .yaml
```

```
kubectl get deploy NAME -o yaml
```

```
# 删除
```

```
kubectl delete pod <pod> --grace-period=0 --force
```

```
# 给node打label
```

```
kubectl label nodes 190.vpclub.io <label>
```

```
# 给node打label, 覆盖label -
```

```
kubectl label nodes 190.vpclub.io <label>-
```

```
# 给label , 覆盖 --overwrite
```

```
kubectl label nodes 190.vpclub.io role=apache --overwrite
```

```
# 给node打label -
```

```
# 给POD
```

```
kubectl taint nodes 190.vpclub.io node-role.kubernetes.io/master=:NoExecute
```

```
# 给node打label
```

```
kubectl taint nodes 190.vpclub.io node-role.kubernetes.io/master=:NoSchedule
```

```
# 给POD
```

```
kubectl get pod -n kube-system | grep kube-proxy | awk '{system("kubectl delete pod \"$1\" -n kube-system")}'
```

```
# 删除
```

```
kubectl cordon 17.vpclub.io
```

```
# 删除
```

```
kubectl uncordon 5-16.vpclub.io
```

```
# 删除ingress-nginx
```

```
kubectl delete -A ValidatingWebhookConfiguration ingress-nginx-admission
```

```
# 给POD
```

```
kubectl get pods --all-namespaces | grep
```

```
"Terminating\| OutOfpods\| CrashLoopBackOff\| Evicted\| ContainerStatusUnknown\| Error"
```

```
# 给POD
```

```
kubectl get pods -n trade | grep
```

```

"Terminating\| OutOfpods\| CrashLoopBackOff\| Evicted\| ContainerStatusUnknown\| Error" | awk
'{print $1}' | xargs kubectl delete pod -n trade --force --grace-period=0

# 删除P0
_opns=kube-system && kubectl get pods -n ${_opns} | grep
"Terminating\| OutOfpods\| CrashLoopBackOff\| Evicted\| ContainerStatusUnknown\| Error" | awk
'{print $1}' | xargs kubectl delete pod -n ${_opns} --force --grace-period=0

# 删除
kubectl scale -n devops-default --replicas=0 deployment/devops-admin-api

# 删除NS
kubectl scale deploy --replicas=0 --all -n park-zjy

# 删除pod
kubectl get deploy --all-namespaces --sort-by=.metadata.creationTimestamp

# 查看cpu
kubectl top node --sort-by memory

# 查看pod
#kubectl top pods --sort-by memory

```

部署master

```

# 删除node
kubectl delete node 01.vpclub.io

# 删除etcd
kubectl exec -it etcd-00 sh -n kube-system

# Pod 部署 ETCD
export ETCDCTL_API=3
alias etcdctl='etcdctl --endpoints=https://127.0.0.1:2379 --
cacert=/etc/kubernetes/pki/etcd/ca.crt --cert=/etc/kubernetes/pki/etcd/server.crt --
key=/etc/kubernetes/pki/etcd/server.key'

# 查看
etcdctl member list

```

```
# []  
669bc6472fb13679, started, master1, https://192.168.1.19:2380, https://192.168.1.19:2379,  
false  
959c93e3261aadcb, started, master2, https://192.168.1.20:2380, https://192.168.1.20:2379,  
false  
ca5f1f6f780545ba, started, master3, https://192.168.1.23:2380, https://192.168.1.23:2379,  
false  
  
# []master3[]  
etcdctl member remove ca5f1f6f780545ba
```

清理docker

```
# []  
# - a[]  
# - f[]  
docker system prune -af  
  
# []  
docker volume prune  
  
# []  
docker network prune  
  
# []  
docker volume prune  
  
# []  
docker image prune  
  
# []tag[]  
docker rmi $(docker images -f "dangling=true" -q)  
  
# []tag[]  
docker images -f "dangling=true"
```

pod

```
# volumes
tolerations:
  - effect: NoSchedule
    operator: Exists
  - key: CriticalAddonsOnly
    operator: Exists
  - effect: NoExecute
    operator: Exists
```

IP

```
#
apiVersion: v1
kind: Service
metadata:
  name: mysql #
spec:
  clusterIP: None # headless
  ports:
    - name: default
      protocol: TCP
      port: 42
      targetPort: 42

---
#
apiVersion: v1
kind: Endpoints
metadata:
  name: mysql #
subsets:
  - addresses:
      - ip: 192.168.0.46 #
    ports:
      - name: default
        port: 42
        protocol: TCP
```

□□ #8

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