

[8] NodeSelector

NodeSelector?

Application Pod Node

Schedule a pod

- : k8s
- Schedule a pod as follows:
 - Name: eshop-store
 - Image: nginx
 - Node selector: disktype=ssd

Reference

docs nodeselector

[Assigning Pods to Nodes](#)



```
# kubectl config use-context k8s

[user@console ~]$ kubectl config use-context k8s

# node (label)
[user@console ~]$ kubectl get nodes --show-labels
NAME          STATUS
k8s-master    READY
k8s-worker1   READY
k8s-worker2   READY
```

```
# node 节点 (disktype label 节点 节点)
```

```
[user@console ~]$ kubectl get nodes -L disktype
```

```
NAME          STATUS  DISKTYPE
```

```
k8s-master    READY
```

```
k8s-worker1   READY  ssd
```

```
k8s-worker2   READY  std
```

```
# pod 节点
```

```
[user@console ~]$ kubectl run eshop-store --image=nginx --dry-run=client -o yaml
```

```
# yaml 节点 yaml 节点
```

```
[user@console ~]$ kubectl run eshop-store --image=nginx --dry-run=client -o yaml > eshop-store.yaml
```

```
[user@console ~]$ vi eshop-store.yaml
```

```
spec:
```

```
  nodeSelector:
```

```
    disktype: ssd
```

```
  containers:
```

```
  - name: eshop-store
```

```
# 节点 yaml 节点 pod 节点
```

```
[user@console ~]$ kubectl apply -f eshop-store.yaml
```

```
# 节点
```

```
[user@console ~]$ kubectl get pods -o wide eshop-store
```

```
NAME          READY   STATUS    IP           NODE  节点 节点 k8s-worker1 节点 节点 节点
```

节点 (36节点)

Schedule a pod as follows: Name: nginx-kusc00101 Image: nginx Node selector: disk=ssd

- 节点

```
# 节点 disk 节点 节点 节点 节点 节点 节点 节点 节点
```

```
kubectl get nodes -L disk
```

```
kubectl run nginx-kusc00101 --image=nginx --dry-run=client -o yaml > kusc.yaml
```

```
# nodeSelector container
vi kusc.yaml

...
spec:
  container:
  ...
  nodeSelector:
    disk: ssd
  ...

:wq
```

```
kubectl apply -f kusc.yaml
```

```
#
kubectl get pods

kubectl describe pod nginx-kusc00101
```

Revision #1

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