

Cluster Control Plane

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Overview

View characteristics of the different nodes running in the cluster.

```
kubectl get nodes -o wide
```

Master Node

Find the master nodes in the cluster.

```
kubectl get nodes -o wide -l node-role.kubernetes.io/master
```

Save the name of the first master node in an environment variable.

```
export MASTER_NODE=$(kubectl get nodes -l node-role.kubernetes.io/master -o jsonpath={.items[0].metadata.name})
echo $MASTER_NODE
```

View the detailed information for the master node.

```
kubectl describe node $MASTER_NODE
```

Worker Node

Find the worker nodes in the cluster.

```
kubectl get nodes -o wide -l node-role.kubernetes.io/node
```

Save the name of the first worker node in an environment variable.

```
export WORKER_NODE=$(kubectl get nodes -l node-role.kubernetes.io/master -o jsonpath={.items[0].metadata.name})
echo $WORKER_NODE
```

View the detailed information for the worker node.

```
kubectl describe node $WORKER_NODE
```