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controlplane:~$ kubectl get namespaces
NAME                STATUS    AGE
default              Active    30d
kube-node-lease      Active    30d
kube-public          Active    30d
kube-system          Active    30d
local-path-storage   Active    30d
controlplane:~$ kubectl get pods -n kube-system
NAME                                READY   STATUS    RESTARTS   AGE
calico-kube-controllers-fdf5f5495-dgc76   1/1     Running   2 (20m ago)   30d
canal-9hc7x                               2/2     Running   2 (20m ago)   30d
canal-b5cnm                               2/2     Running   2 (20m ago)   30d
coredns-7695687499-2vdd4                 1/1     Running   1 (20m ago)   30d
coredns-7695687499-ltw2v                 1/1     Running   1 (20m ago)   30d
etcd-controlplane                         1/1     Running   3 (20m ago)   30d
kube-apiserver-controlplane               1/1     Running   2 (20m ago)   30d
kube-controller-manager-controlplane      1/1     Running   2 (20m ago)   30d
kube-proxy-f7jnk                         1/1     Running   2 (20m ago)   30d
kube-proxy-fbkjh                         1/1     Running   1 (20m ago)   30d
kube-scheduler-controlplane               1/1     Running   2 (20m ago)   30d
controlplane:~$
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apiVersion: apps/v1
kind: Deployment
metadata:
  name: beta
  namespace: finance
spec:
  replicas: 2
  selector:
    matchLabels:
      app: beta
  template:
    metadata:
      labels:
        app: beta
    spec:
      containers:
      - name: redis
        image: redis
        resources:
          requests:
            memory: "1Gi"
            cpu: "500m"
          limits:
            memory: "2Gi"
            cpu: "1"
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controlplane:~$ kubectl create namespace finance
namespace/finance created
controlplane:~$ kubectl apply -f file.yaml
deployment.apps/beta created
controlplane:~$
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```
controlplane:~$ kubectl get nodes
NAME          STATUS    ROLES          AGE   VERSION
controlplane  Ready    control-plane  30d   v1.32.1
node01        Ready    <none>         30d   v1.32.1
controlplane:~$ kubectl describe node controlplane | grep Taints
Taints:          <none>
controlplane:~$ kubectl label nodes controlplane color=blue
node/controlplane labeled
```