kubectl create clusterrolebinding sa-ns1-view --clusterrole=view --serviceaccount=ns1:sa-ns1 kubectl create clusterrolebinding sa-ns2-view --clusterrole=view --serviceaccount=ns2:sa-ns2

kubectl auth can-i get pods --as=system:serviceaccount:ns1:sa-ns1 -n ns1

kubectl auth can-i get pods --as=system:serviceaccount:ns1:sa-ns1 -n ns1 kubectl auth can-i create deployments --as=system:serviceaccount:ns1:sa-ns1 -n ns1 kubectl auth can-i get pods --as=system:serviceaccount:ns1:sa-ns1 -n ns1 kubectl auth can-i get pods --as=system:serviceaccount:ns2:sa-ns2 -n ns2 kubectl auth can-i create deployments --as=system:serviceaccount:ns2:sa-ns2 -n ns2 kubectl auth can-i delete deployments --as=system:serviceaccount:ns2:sa-ns2 -n ns2

k create clusterrole view --verb=create, delete --resource=deployments -n ns1

apiVersion: rbac.authorization.k8s.io/v1

kind: clusterrole

metadata:

name: deployment-manager

rules:

- apiGroups: ["apps"]

resources: ["deployments"] verbs: ["create", "delete"]

kubectl apply -f deployment-role.yaml -n ns1 kubectl apply -f deployment-role.yaml -n ns2

1st question:

```
controlplane $ kubectl create clusterrole deployment-clusterrole --verb-create --resource-deployment, statefulSet, daemonSet clusterrole.rbac.authorization.k8s.io/deployment-clusterrole created controlplane $ k create ns app-team1 namespace/app-team1 created controlplane $ co
```

```
controlplane $
controlplane $
controlplane $
controlplane $ k get sa -n app-team1

NAME
SECRETS AGE
cicd-token 0 7m57s
oerault 0 8m20s
controlplane $
contro
```

2nd question:

```
controlplane $
controlplane $ k create ns ns1
namespace/ns1 created
controlplane $
controlplane $ k create ns ns2
namespace/ns2 created
controlplane $
controlplane $
controlplane $ k create sa sa1 -n ns1
serviceaccount/sa1 created
controlplane $
                                               controthrane >
controlplane $ k create sa sa2 -n ns2
                                                controlplane $ k get sa -n ns1
serviceaccount/sa2 created
                                               NAME
                                                            SECRETS
                                                                       AGE
controlplane $
controlplane $
                                               default
                                                           0
                                                                        3m25s
controlplane $ k get ns
                                                                         2m15s
                                               sa1
NAME
                    STATUS AGE
                                               controlplane $
                    Active 10m
Active 4d15h
app-team1
                                               controlplane $
default
                                               controlplane $ k get sa -n ns2
kube-node-lease
                   Active 4d15h
kube-public Active 4d15h
kube-system Active 4d15h
local-path-storage Active 4d15h
                                               NAME
                                                           SECRETS
                                               default 0
                                                                         3m32s
                    Active 87s
                                                           0
                                                                         2m29s
                                               sa2
                    Active 74s
ns2
                                                controlplane $
controlplane $
```

```
controlplane $
controlplane $ kubectl create clusterrole sa1 --verb=create,delete --resource=deployment --namespace=ns1
clusterrole.rbac.authorization.k8s.io/sa1 created
controlplane $
controlplane $ kubectl create clusterrole sa2 --verb=create,delete --resource=deployment --namespace=ns2
clusterrole.rbac.authorization.k8s.io/sa2 created
controlplane $
```

```
controlplane $
controlplane $ kubectl create clusterrolebinding sa1-binding --clusterrole=view --clusterrole=sa1 --serviceaccount=ns1:sa1
clusterrolebinding.rbac.authorization.k8s.io/sa1-binding created
controlplane $
controlplane $
controlplane $
controlplane $
kubectl create clusterrolebinding sa2-binding --clusterrole=view --clusterrole=sa2 --serviceaccount=ns2:sa2
clusterrolebinding.rbac.authorization.k8s.io/sa2-binding created
controlplane $
```

```
controlplane $
controlplane $
controlplane $ kubectl auth can-i create pod --as=system:serviceaccount:ns1:sa1
no
controlplane $
controlplane $ kubectl auth can-i create deployment --as=system:serviceaccount:ns1:sa1
yes
controlplane $
controlplane $
controlplane $
controlplane $
controlplane $
kubectl auth can-i create pod --as=system:serviceaccount:ns2:sa2
no
controlplane $
```