

[28] ServiceAccount Cluster Role Binding

❑ ClusterRole & ClusterRoleBinding [

- Create a new ClusterRole named `deployment-clusterrole`, which only allows to create the following resource types: Deployment, StatefulSet, DaemonSet
- Create a new ServiceAccount named `cicd-token` in the existing namespace `apps`
- Bind the new ClusterRole `deployment-clusterrole` to the new ServiceAccount `cicd-token`, limited to the namespace `apps`



```
# service account ❑❑❑❑
[user@console ~]$ kubectl create serviceaccount cicd-token -n apps
[user@console ~]$ kubectl get sa -n apps

# cluster role ❑❑
[user@console ~]$ kubectl create clusterrole deployment-clusterrole --verb=create --
resource=deployment,statefulset,daemonset

# role binding ❑❑
[user@console ~]$ kubectl create clusterrolebinding deploy-clusterrolebinding --clusterrole=deployment-
clusterrole --serviceaccount=apps:cicd-token

# ❑❑
[user@console ~]$ kubectl get rolebinding deploy-clusterrolebinding
[user@console ~]$ kubectl describe rolebinding deploy-clusterrolebinding
```



Cluster : k8s Context You have been asked to create a new ClusterRole for a deployment pipeline and bind it to a specific ServiceAccount scoped to a specific namespace. Task:

- Create a new ClusterRole named deployment-clusterrole , which only allows to create the following resource types: Deployment StatefulSet DaemonSet
- Create a new ServiceAccount named cicd-token in the existing namespace app-team1 .
- Bind the new ClusterRole deployment-clusterrole to the new ServiceAccount cicd-token , limited to the namespace app-team1
- ☐

```
kubectl create clusterrole deployment-clusterrole --resource=deployment,statefulset,daemonset --verb=create
```

```
kubectl create serviceaccount cicd-token -n app-team1
```

```
kubectl create clusterrolebinding deployment-clusterrolebinding --clusterrole=deployment-clusterrole --serviceaccount=app-team1:cicd-token
```

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