

Q: 14:

Deploy an application

Deploy the application called oranges in the apples project so that the following condition

No configuration components have been added or removed

The application produces output The application uses the singapore service account

Prerequisite:

\$ oc project apples

\$ oc create deploymentconfig orange--image=docker.io/nginx (Not Required)

Answer:

\$ oc set serviceaccount dc/orange Singapore

```
udent@workstation ~]$ oc new-project apples
Error from server (AlreadyExists): project.project.openshift.io "apples" already exists
udent@workstation ~]$ oc create deploymentconfig orange --image=docker.io/nginx
Warning: apps.openshift.io/v1 DeploymentConfig is deprecated in v4.10.0+, unavailable in v4.10.000+
deploymentconfig.apps.openshift.io/orange created
udent@workstation ~]$ oc set sa dc/orange singapore
Warning: apps.openshift.io/v1 DeploymentConfig is deprecated in v4.10.0+, unavailable in v4.10.000+
deploymentconfig.apps.openshift.io/orange serviceaccount updated
udent@workstation ~]$
```

\$ oc get pods--show-labels

\$ oc describe service orange (There will be Endpoint: <none>)

\$ oc edit service/orange

edit the selector as per your pod (oranges) and you are good to go.

\$ oc describe service orange (Endpoint: <none> will get IP)

```

student@workstation ~]$ oc create deploymentconfig orange --image
docker.io/nginx
Warning: apps.openshift.io/v1 DeploymentConfig is deprecated in v4
.14+, unavailable in v4.10000+
deploymentconfig.apps.openshift.io/orange created
student@workstation ~]$ oc set sa dc/orange singapore
Warning: apps.openshift.io/v1 DeploymentConfig is deprecated in v4
.14+, unavailable in v4.10000+
deploymentconfig.apps.openshift.io/orange serviceaccount updated
student@workstation ~]$ oc get pods --show-labels
NAME                READY   STATUS    RESTARTS   AGE   LABELS
orange-2-deploy     0/1     Completed  0           74s   openshift.io/deployer-pod-for.name=orange-2
orange-2-rhh5n      1/1     Running   0           72s   deploymentconfig.apps.openshift.io/orange=2 deploymentconfig.apps.openshift.io/orange=2

```

```

[student@workstation ~]$ oc get pod
NAME                READY   STATUS    RESTARTS   AGE
orange-2-deploy     0/1     Completed  0           2m22s
orange-2-rhh5n      1/1     Running   0           2m20s
[student@workstation ~]$ oc get deployment
No resources found in apples namespace.
[student@workstation ~]$ oc get deploymentconfig
Warning: apps.openshift.io/v1 DeploymentConfig is deprecated in v4
.14+, unavailable in v4.10000+
NAME      REVISION  DESIRED  CURRENT  TRIGGERED BY
orange    2          1         1         config
[student@workstation ~]$ oc expose dc orange --port=80
Warning: apps.openshift.io/v1 DeploymentConfig is deprecated in v4
.14+, unavailable in v4.10000+
service/orange exposed

```

```
Namespace:      apples
Labels:         <none>
Annotations:    <none>
Selector:       deployment-config.name=orange
Type:           ClusterIP
IP Family Policy: SingleStack
IP Families:    IPv4
IP:             172.30.179.84
IPs:            172.30.179.84
Port:           <unset> 80/TCP
TargetPort:     80/TCP
Endpoints:      10.8.0.85:80
Session Affinity: None
Events:         <none>
```