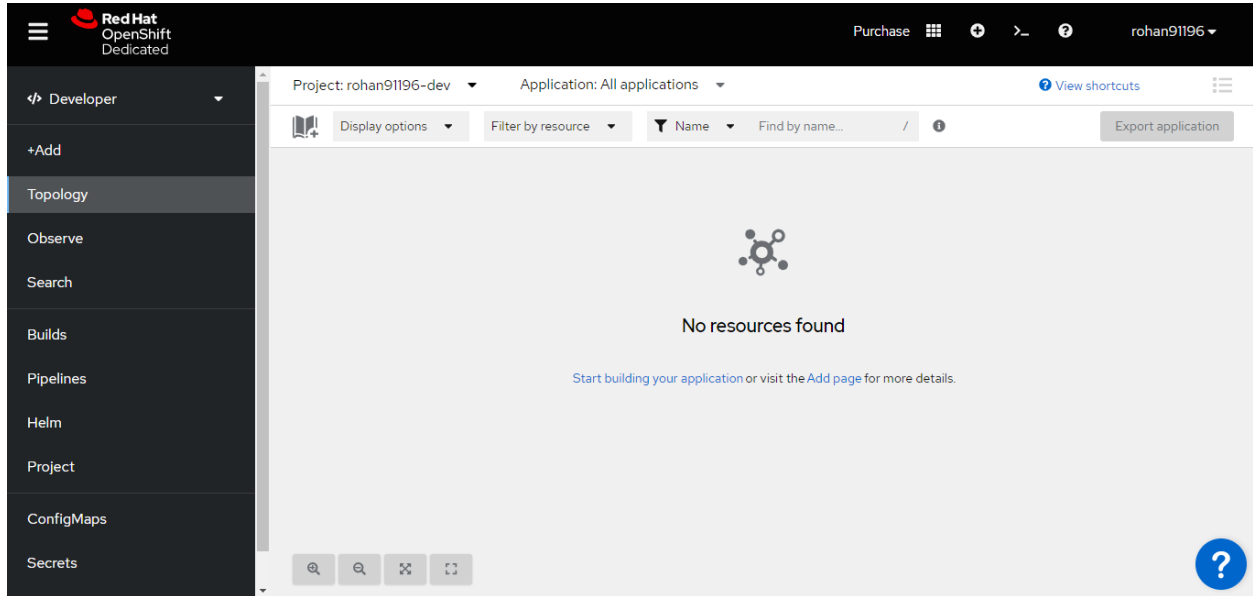


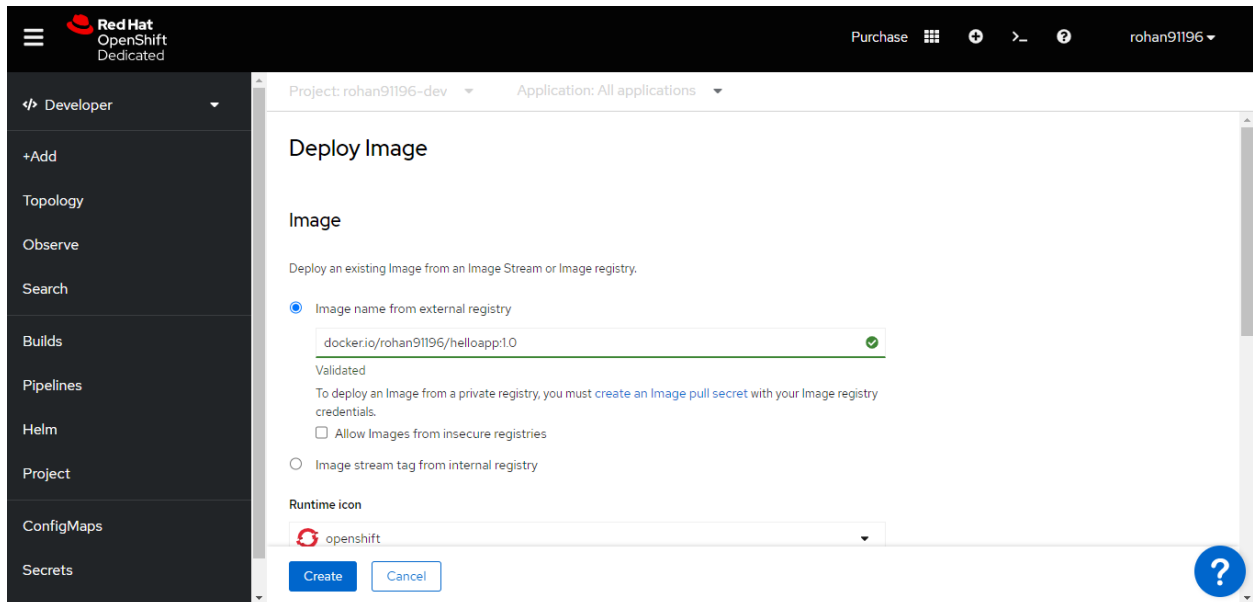
Open Shift

Step 1: Created Account on open shift

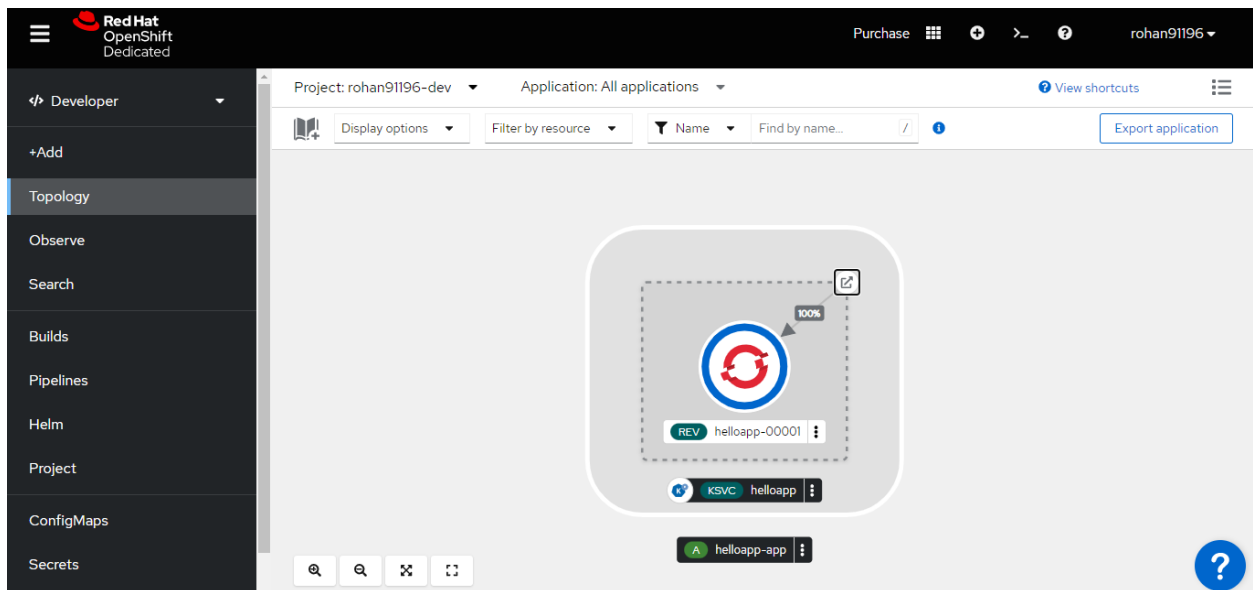


Step 2: Deployment using web U/I

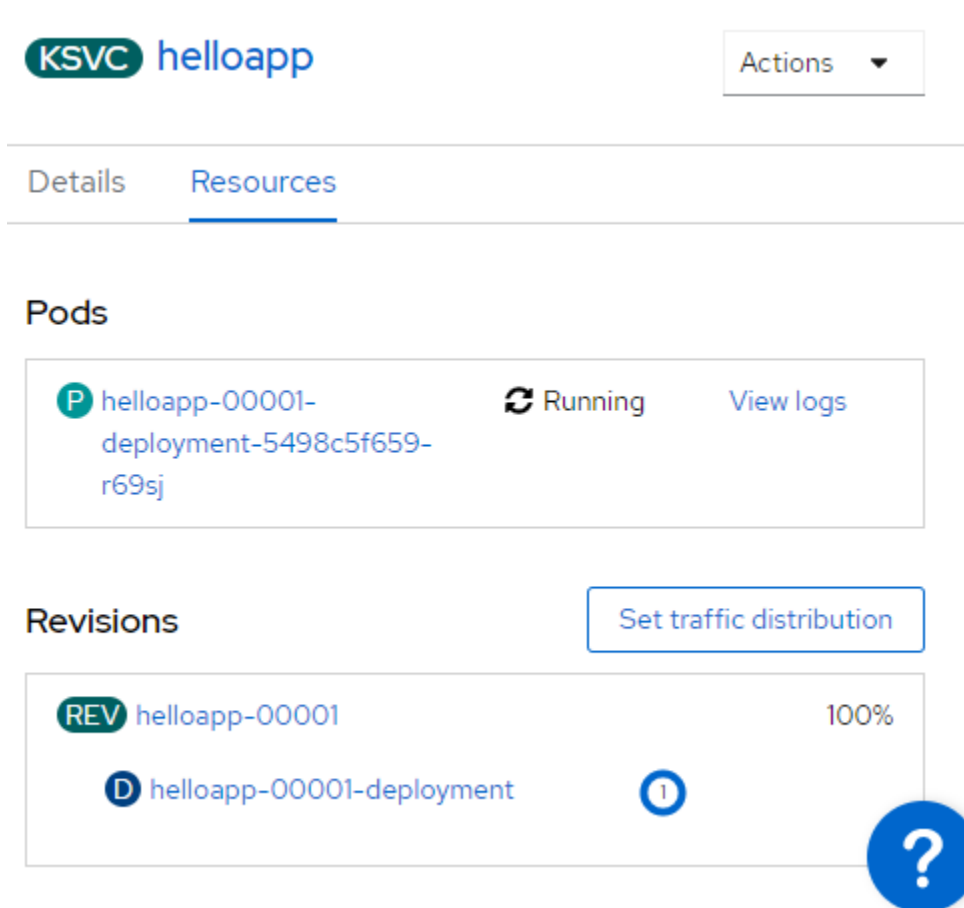
Selecting containerize image which is in docker hub



Step 3: Pod is created



Step 4: POD Status



Revisions

Set traffic distribution

REV helloapp-00001

100%

D helloapp-00001-deployment



Routes

RT helloapp

Location:

<https://helloapp-rohan91196-dev.apps.sandbox-m3.1530.p1.openshiftapps.com>

Step 5: Accessing Routed URL

← → ↻ 🔒 helloapp-rohan91196-dev.apps.sandbox-m3.1530.p1.openshiftapps.com

This is demo project created to ddeploy flask app on docker

Routes

RT helloapp

Location:

<https://helloapp-rohan91196-dev.apps.sandbox-m3.1530.p1.openshiftapps.com>



Step 5: Application is started and working fine

Deploying Application using CLI

Step 1: Use command new-app

Open shift commands Practice

```
NAME                                READY   STATUS    RESTARTS   AGE
helloapp-65847988c4-7mg4p          1/1     Running   0           17m
workspace3b1e5d94b09f47b5-7747d69bdf-69lh2  2/2     Running   0           22m

bash-4.4 ~ $ oc describe pods
Name:                               helloapp-65847988c4-7mg4p
Namespace:                           rohan91196-dev
Priority:                             -3
Priority Class Name:                  sandbox-users-pods
Service Account:                     default
Node:                                ip-10-0-178-128.ec2.internal/10.0.178.128
Start Time:                          Wed, 03 May 2023 18:54:58 +0000
Labels:                              deployment=helloapp
                                      pod-template-hash=65847988c4
Annotations:                          k8s.ovn.org/pod-networks:
                                      {"default":{"ip_addresses":["10.128.15.211/23"],"mac_address":"0a:58:0a:80:0f:d3","gateway_ips":["10.128.14.1"],"ip_address":"10.128.15.211"},
                                      k8s.v1.cni.cncf.io/network-status:
```

```
f6f1d81a951e42b20acb43d32def11"
Normal Pulled                27m kubelet      Successfully pulled image "registry.redhat.io/web-terminal/web-terminal-tooling-rhel8@sha256:f42093a4083f4c6c9bfa9b
e1b98fdcc6a0f6f1d81a951e42b20acb43d32def11" in 951.289627ms (951.304089ms including waiting)
Normal Created               27m kubelet      Created container web-terminal-tooling
Normal Started               27m kubelet      Started container web-terminal-tooling
Normal Pulling               27m kubelet      Pulling image "registry.redhat.io/web-terminal/web-terminal-exec-rhel8@sha256:c82e89d9e8a5d1c9e5c94835d38cb601e5e1e
cb1e53cb038d0423b1b19d98683"
Normal Pulled                27m kubelet      Successfully pulled image "registry.redhat.io/web-terminal/web-terminal-exec-rhel8@sha256:c82e89d9e8a5d1c9e5c94835d
38cb601e5e1ecb1e53cb038d0423b1b19d98683" in 571.931938ms (571.944935ms including waiting)
Normal Created               27m kubelet      Created container web-terminal-exec
Normal Started               27m kubelet      Started container web-terminal-exec
bash-4.4 ~ $ oc scale --current-replicas=1 --replicas=2 deployment/parksmapp
Error from server (NotFound): deployments.apps "parksmapp" not found
bash-4.4 ~ $ oc scale --current-replicas=1 --replicas=2 deployment/helloapp
deployment.apps/helloapp scaled
bash-4.4 ~ $
```

```
bash-4.4 ~ $ oc get pod
```

NAME	READY	STATUS	RESTARTS	AGE
helloapp-65847988c4-7mg4p	1/1	Running	0	25m
helloapp-65847988c4-9mdns	1/1	Running	0	41s
workspace3b1e5d94b09f47b5-7747d69bdf-69lh2	2/2	Running	0	30m

```
bash-4.4 ~ $
```