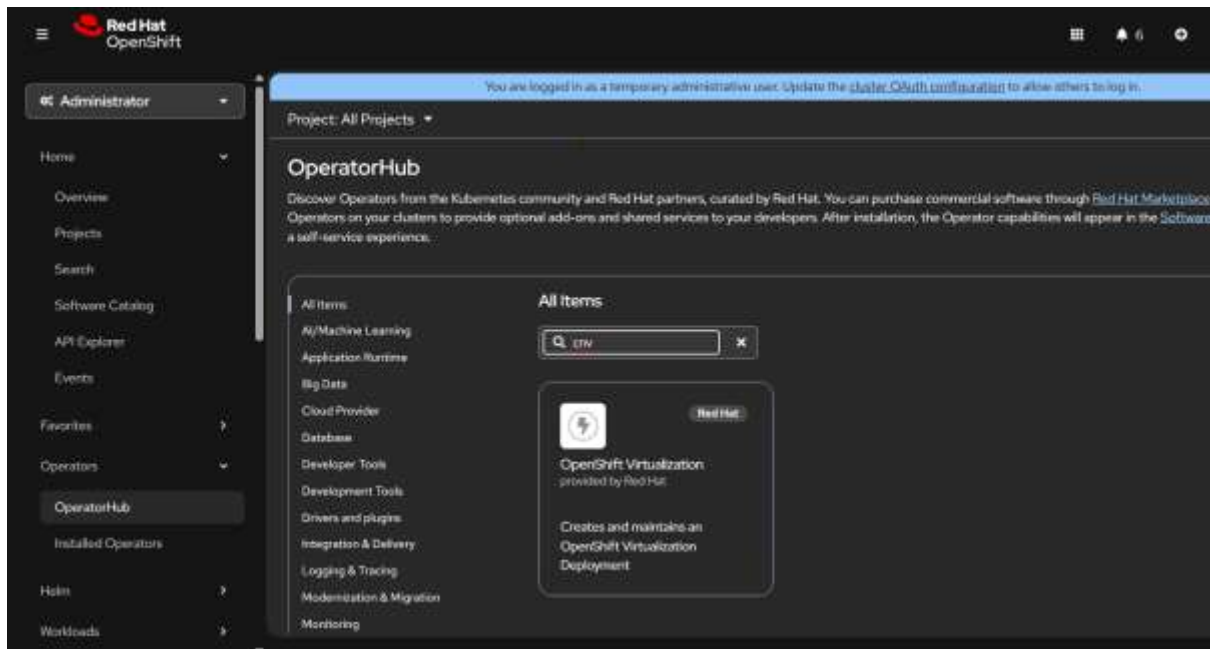


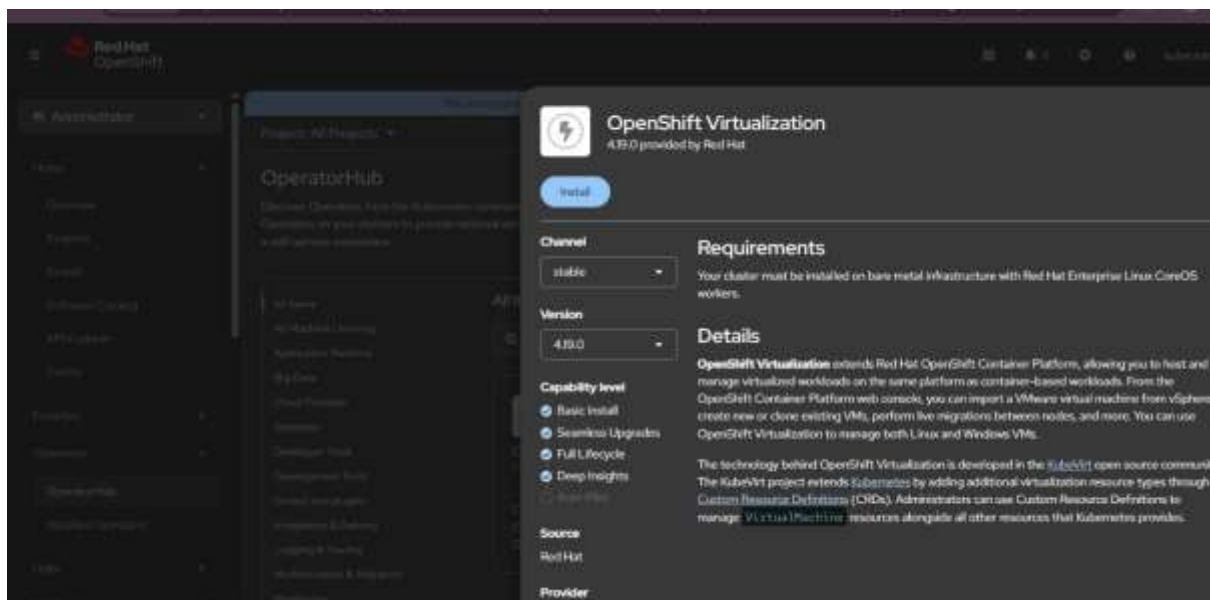
POST SNO INSTALLATION OCP_V SETUP

1. Openshift virtualization operator installation

- Go to OperatorHub in web console & search openshift virtualization.

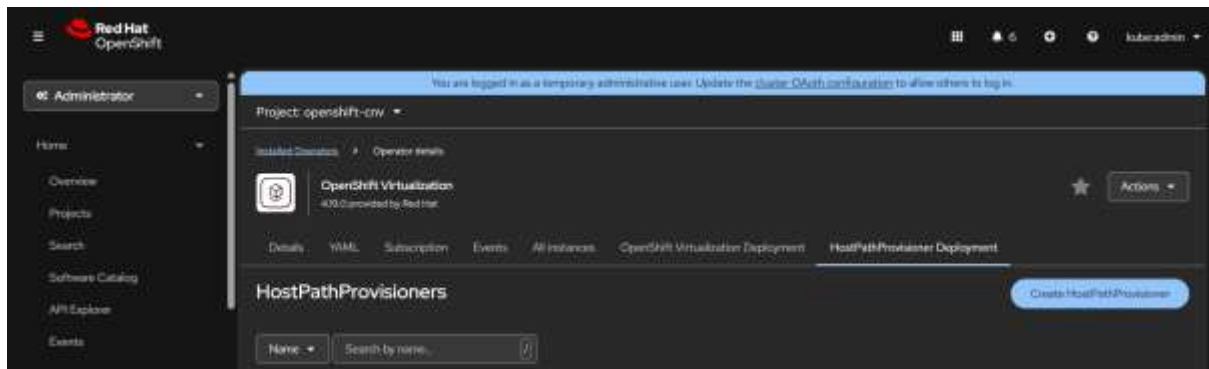


- Install the openshift-virtualization operator and create hyperconverged instance.



2. Hostpathprovisioner instance creation for use of local(server/node) storage for vm disks.

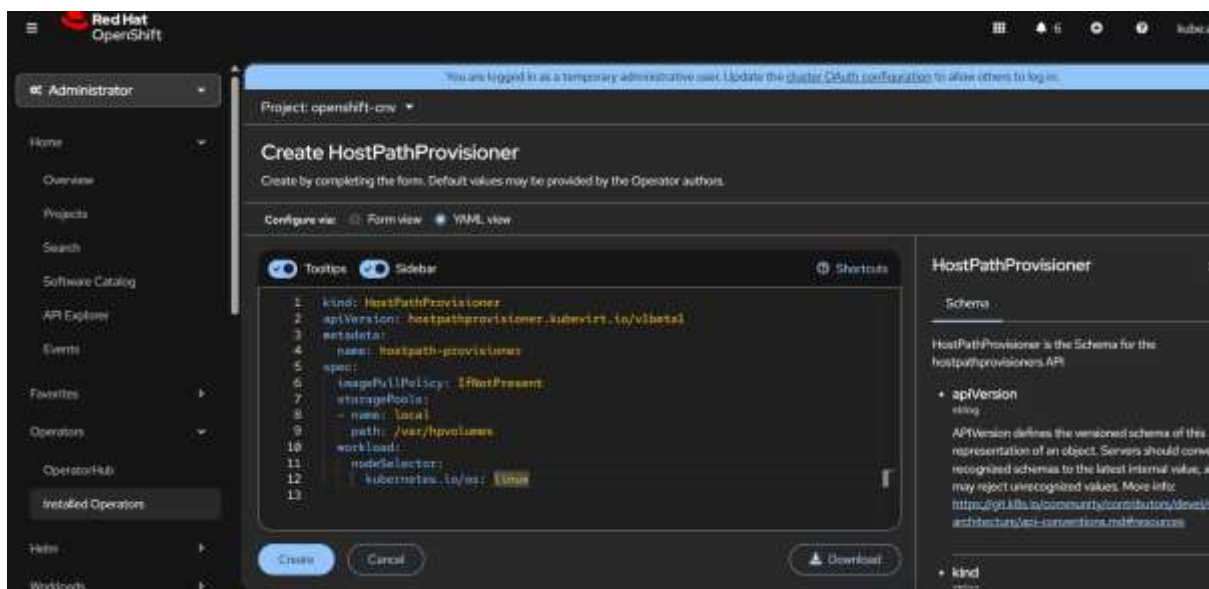
- Go to HostPathProvisioner instance in extreme right.

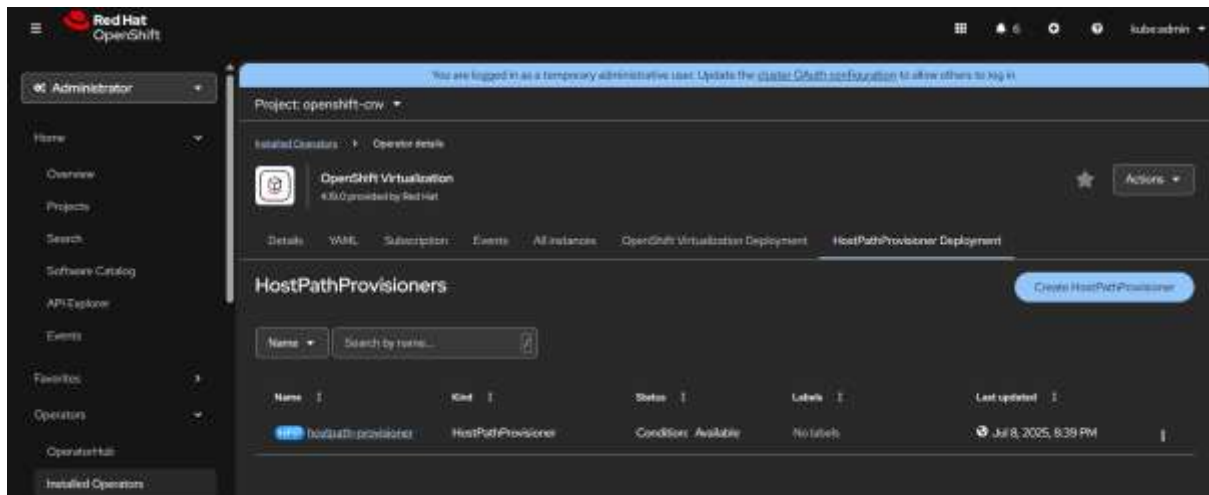


- Create HostPathProvisioner instance using yaml format .

```
spec:
  imagePullPolicy: IfNotPresent
  storagePools:
    - name: local
      path: /var/hpvolumes
  workload:
    nodeSelector:
      kubernetes.io/os: linux
```

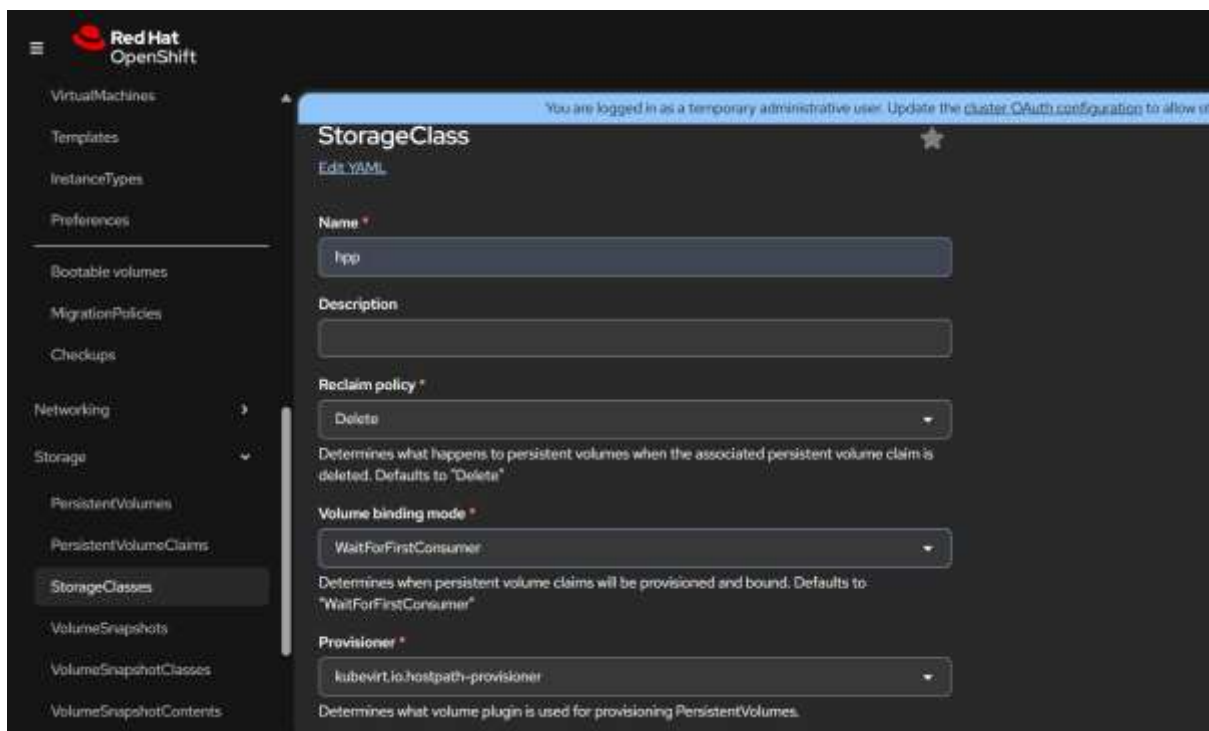
For path you can keep the default location or create a folder under /var and use it, make sure it has read write access



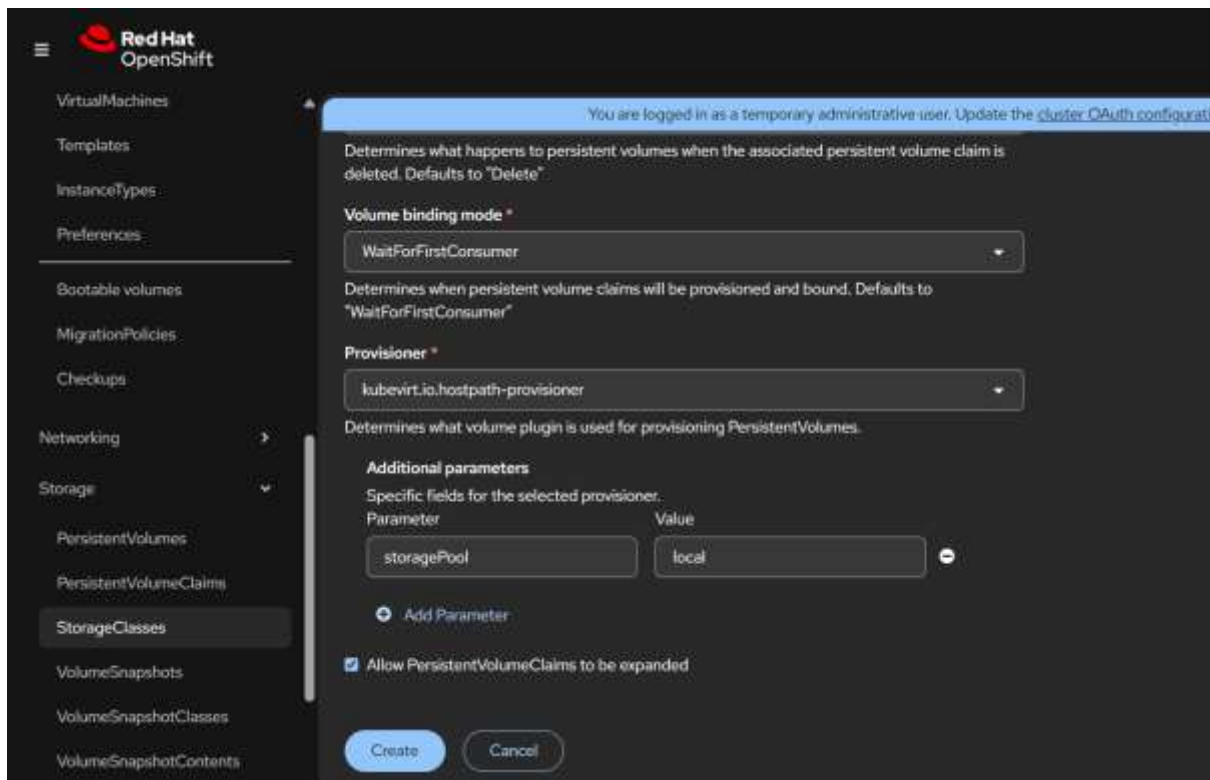


3. StorageClass instance creation with custom configuration

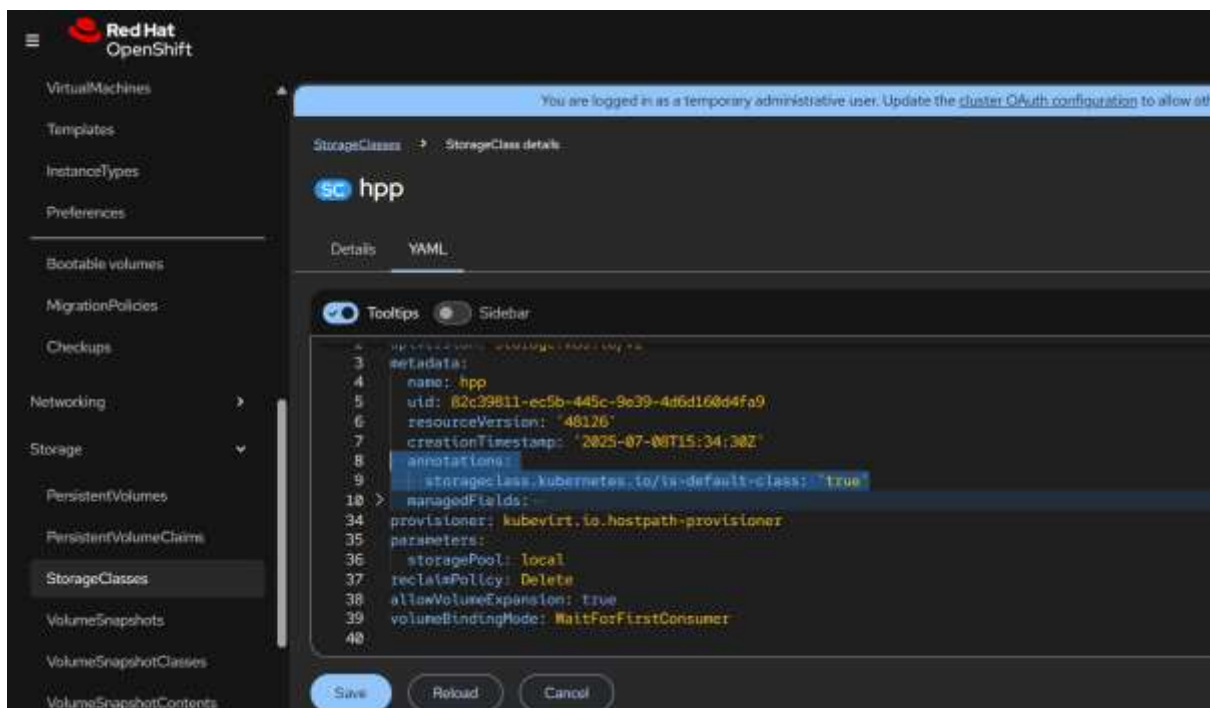
- Create a storage class with Provisioner as hostpath-provisioner.



b. Select additional parameter as stroagePool=local



c. Annotate the storage class as default.

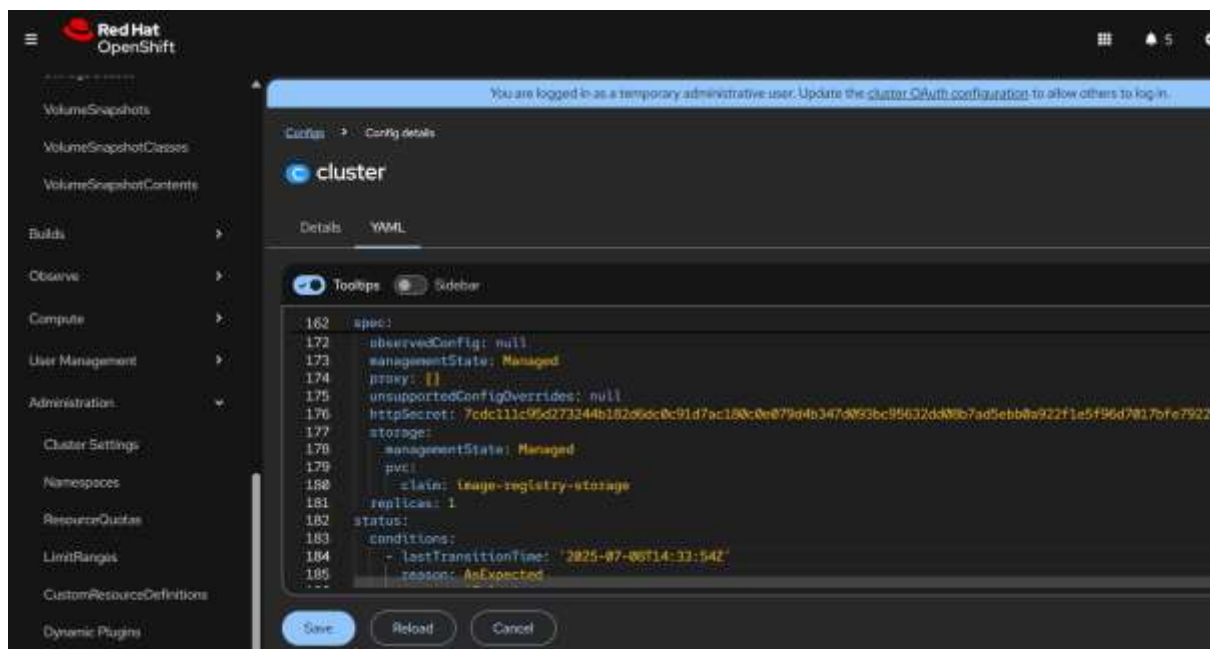


4. Internal image registry operator config changes.

a. Configure the internal image registry

```
$ oc edit configs.imageregistry.operator.openshift.io
```

```
storage:
  managementState: Managed
pvc:
  claim:
```



b. Check `$ oc get pods -n openshift-image-registry`

```
[root@sno-ocpv-bastion ~]# oc get po -n openshift-image-registry
NAME                                READY   STATUS    RESTARTS   AGE
cluster-image-registry-operator-5b4798979f-kmdkk  1/1     Running   1 (18h ago)  18h
image-pruner-29200320-kn96c          0/1     Completed 0           8h
image-registry-95cd5644d-dj5v6       1/1     Running   0           17h
node-ca-chzgd                        1/1     Running   0           18h
```

c. Check PVC whether pvc is in bound state.

```
[root@sno-ocpv-bastion ~]# oc get pvc -n openshift-image-registry
NAME                STATUS    VOLUME                                     CAPACITY   ACCESS MODES   STORAGECLASS
image-registry-storage  Bound    pvc-1f093327-2393-431b-9a4d-c0d668370891  149Gi      RWX            hpp
[root@sno-ocpv-bastion ~]#
```