```
[cloud-user@ocp ~]$ cat cl260-pvc-01.yml
apiVersion: v1
kind: PersistentVolumeClaim
metadata:
  name: cl260-pvc-01
spec:
  storageClassName: ocs-storagecluster-ceph-rbd
  accessModes:
    - ReadWriteOnce
  resources:
    requests:
      storage: 10Gi
[cloud-user@ocp ~]$ oc apply -f cl260-pvc-01.yml
persistentvolumeclaim/cl260-pvc-01 created
```

Verify the new capacity in the volume.

```
[cloud-user@ocp ~]$ oc describe pv/pvc-0bf8894b-45db-4b5e-9d49-c03a1ea391fd
Name:            pvc-0bf8894b-45db-4b5e-9d49-c03a1ea391fd
...output omitted...
StorageClass:    ocs-storagecluster-ceph-rbd
Status:          Bound
Claim:           ceph-rbd-backend/cl260-pvc-01
...output omitted...
Capacity:        10Gi
...output omitted...
```

Reviewing PersistentVolume Backed by CephFS

You can use the `ocs-storagecluster-cephfs` storage class to create file devices that are backed by the CephFS that Rook-Ceph manages. It is typical to create volume resources with RWX (ReadWriteMany) access mode. This access mode is used when presenting a volume to several pods.

Define `ocs-storagecluster-cephfs` in the `storage-class` field.

```
[cloud-user@ocp ~]$ cat cl260-pvc-02.yml
apiVersion: v1
kind: PersistentVolumeClaim
metadata:
  name: cl260-pvc-02
spec:
  storageClassName: ocs-storagecluster-cephfs
  accessModes:
    - ReadWriteMany
  resources:
    requests:
      storage: 10Gi
[cloud-user@ocp ~]$ oc create -f cl260-pvc-02.yml
persistentvolumeclaim/cl260-pvc-02 created
[cloud-user@ocp ~]$ oc describe pvc/cl260-pvc-02
Name:          cl260-pvc-02
Namespace:     cl260-cephfs
```