

6. Verify the mirroring status in both clusters. Note which is the primary image.

6.1. On the primary cluster, run the `cephadm` shell and verify the mirroring status.

```
[admin@clienta ~]$ sudo cephadm shell
[ceph: root@clienta /]# rbd mirror image status rbd/myimage
myimage:
  global_id: 33665293-baba-4678-b9f2-ec0b8d1513ea
  state: up+stopped
  description: local image is primary
  service: serverc.yrgdmc on serverc.lab.example.com
  last_update: 2021-10-21 16:58:20
  peer_sites:
    name: secondary
    state: up+replaying
    description: replaying,
{"bytes_per_second":0.0,"entries_behind_primary":0,"entries_per_second":0.0,
"non_primary_position":{"entry_tid":3,"object_number":3,"tag_tid":1},
"primary_position":{"entry_tid":3,"object_number":3,"tag_tid":1}}
  last_update: 2021-10-21 16:58:23
```

6.2. On the secondary cluster, verify the mirroring status.

```
[ceph: root@serverf /]# rbd mirror image status rbd/myimage
myimage:
  global_id: 33665293-baba-4678-b9f2-ec0b8d1513ea
  state: up+replaying
  description: replaying,
{"bytes_per_second":0.0,"entries_behind_primary":0,"entries_per_second":0.0,
"non_primary_position":{"entry_tid":3,"object_number":3,"tag_tid":1},
"primary_position":{"entry_tid":3,"object_number":3,"tag_tid":1}}
  service: serverf.kclptt on serverf.lab.example.com
  last_update: 2021-10-21 16:58:23
  peer_sites:
    name: primary
    state: up+stopped
    description: local image is primary
    last_update: 2021-10-21 16:58:20
```

7. Demote the primary image and promote the secondary image, and then verify the change.

7.1. On the primary cluster, demote the image and verify the change.

```
[ceph: root@clienta /]# rbd mirror image demote rbd/myimage
Image demoted to non-primary
```

7.2. On the secondary cluster, promote the image and verify the change.

```
[ceph: root@serverf /]# rbd mirror image promote rbd/myimage
Image promoted to primary
```

7.3. On the primary cluster, verify the change.