

## 6.7. Review the file-system usage.

```
[root@clientb ~]# df /mnt/rbd
Filesystem      1K-blocks  Used Available Use% Mounted on
/dev/rbd0        123584 18180   105404   15% /mnt/rbd
```

## 6.8. Review the content of the cluster.

```
[root@clientb ~]# ceph df
--- RAW STORAGE ---
CLASS      SIZE      AVAIL      USED  RAW USED  %RAW USED
hdd        90 GiB    90 GiB    158 MiB   158 MiB      0.17
TOTAL      90 GiB    90 GiB    158 MiB   158 MiB      0.17

--- POOLS ---
POOL                                ID PGS  STORED  OBJECTS     USED  %USED  MAX AVAIL
...output omitted...
test_pool                          6   32   2.5 MiB      14  7.5 MiB      0    28 GiB
```

## 6.9. Unmount the file system and unmap the RBD image on the clientb node.

```
[root@clientb ~]# umount /mnt/rbd
[root@clientb ~]# rbd unmap /dev/rbd0
[root@clientb ~]# rbd showmapped
```

- 7. Configure the client system so that it persistently mounts the test\_pool/test RBD image as /mnt/rbd.

- 7.1. Create a single-line entry for test\_pool/test in the /etc/ceph/rbdmap RBD map file. The RBD mount daemon should authenticate as the test\_pool.clientb user using the appropriate key-ring file. The resulting file should have the following contents:

```
[root@clientb ~]# cat /etc/ceph/rbdmap
# RbdDevice      Parameters
#poolname/imagename  id=client,keyring=/etc/ceph/ceph.client.keyring
test_pool/test   id=test_pool.clientb,keyring=/etc/ceph/ceph.client.test_pool.clientb.keyring
```

- 7.2. Create an entry for /dev/rbd/test\_pool/test in the /etc/fstab file. The resulting file should have the following contents:

```
[root@clientb ~]# cat /etc/fstab
UUID=fe1e8b67-e41b-44b8-bcfe-e0ec966784ac /          xfs      defaults
0 0
UUID=F537-0F4F /boot/efi  vfat
defaults,uid=0,gid=0,umask=077,shortname=winnt 0 2
/dev/rbd/test_pool/test /mnt/rbd   xfs noauto 0 0
```

- 7.3. Verify your RBD map configuration. Use the rbdmap command to map and unmap configured RBD devices.