```
[ceph: root@clienta /]# exit
exit
[root@clienta ~]# cephadm shell --mount /home/admin/rbd-export/
...output omitted...
[ceph: root@clienta /]#
```

6.6. Export the changes between the snapshots of the primary cluster's `rbd/test` image to a file called `/mnt/export-diff.dat`. Exit the `cephadm` shell, and copy the `export-diff.dat` file to the secondary cluster in the `/home/admin/rbd-import/` directory.

```
[ceph: root@clienta /]# rbd export-diff --from-snap firstsnap \
rbd/test@secondsnap /mnt/export-diff.dat
Exporting image: 100% complete...done.
[ceph: root@clienta /]# exit
exit
[root@clienta ~]$ rsync -avP /home/admin/rbd-export/export-diff.dat \
 serverf:/home/admin/rbd-import
...output omitted...
```

6.7. In the secondary cluster, run the `cephadm` shell using the `--mount` argument to mount the `/home/admin/rbd-import/` directory. Use the `rbd import-diff` command to import the changes to the secondary cluster's copy of the `rbd/test` image by using the `/mnt/export-diff.dat` file. This eliminates the need to save the exported image to a file as an intermediate step. Inspect the information about the remote RBD image. Exit the `cephadm` shell.

```
[root@serverf ~]# cephadm shell --mount /home/admin/rbd-import
[ceph: root@serverf /]# rbd du --pool rbd test
NAME           PROVISIONED  USED
test@firstsnap      128 MiB  32 MiB
test                128 MiB  32 MiB
<TOTAL>             128 MiB  64 MiB
[ceph: root@serverf /]# rbd import-diff /mnt/rbd-import/export-diff.dat rbd/test
Importing image diff: 100% complete...done.
[ceph: root@serverf /]# rbd du --pool rbd test
NAME           PROVISIONED  USED
test@firstsnap      128 MiB  32 MiB
test@secondsnap     128 MiB  32 MiB
test                128 MiB   8 MiB
<TOTAL>             128 MiB  72 MiB
[ceph: root@serverf /]# exit
exit
[root@serverf ~]#
```

Note

The end snapshot is present on the secondary cluster's RBD image. The `rbd import-diff` command automatically creates it.

6.8. Verify that the backup cluster's image is identical to the primary cluster's RBD image.