

```
[root@clientb ~]# umount /mnt/snapshot
[root@clientb ~]# rbd unmap --pool rbd image1@firstsnap
[root@clientb ~]# rbd showmapped
```

- 8. On the `clienta` node, protect the `firstsnap` snapshot and create a clone called `clone1` in the `rbd` pool. Verify that the child image is created.

8.1. Run the `cephadm` shell. Protect the `firstsnap` snapshot.

```
[root@clienta ~]# cephadm shell
...output omitted...
[ceph: root@clienta /]# rbd snap protect rbd/image1@firstsnap
```

8.2. Clone the `firstsnap` block device snapshot to create a read or write child image called `clone1` that uses the `rbd` pool.

```
[ceph: root@clienta /]# rbd clone rbd/image1@firstsnap rbd/clone1
```

8.3. List the children of the `firstsnap` snapshot.

```
[ceph: root@clienta /]# rbd children rbd/image1@firstsnap
rbd/clone1
```

- 9. On the `clientb` node, map the `rbd/clone1` image as a block device, mount it, and then copy some content to the clone.

9.1. Map the `rbd/clone1` image as a block device.

```
[root@clientb ~]# rbd map --pool rbd clone1
/dev/rbd0
```

9.2. Mount the block device in `/mnt/clone` directory, and then list the directory contents.

```
[root@clientb ~]# mount /dev/rbd0 /mnt/clone
[root@clientb ~]# ls -l /mnt/clone
total 0
```

9.3. Add some content to the `/mnt/clone` directory.

```
[root@clientb ~]# dd if=/dev/zero of=/mnt/clone/file1 bs=1M count=10
...output omitted...
[root@clientb ~]# ls -l /mnt/clone/
total 10240
-rw-r--r--. 1 root root 10485760 Oct 15 00:04 file1
```

- 10. Clean up your environment.

10.1. On the `clientb` node, unmount the file system and unmap the RBD image.