2.1. In the primary cluster, create a pool called rbd with 32 placement groups. Enable the rbd client application for the Ceph Block Device and make it usable by the RBD feature.

```
[ceph: root@clienta /]# ceph osd pool create rbd 32
pool 'rbd' created
[ceph: root@clienta /]# ceph osd pool application enable rbd rbd
enabled application 'rbd' on pool 'rbd'
[ceph: root@clienta /]# rbd pool init -p rbd
```

2.2. In the secondary cluster, create a pool called rbd with 32 placement groups. Enable the rbd client application for the Ceph Block Device and make it usable by the RBD feature.

```
[ceph: root@serverf /]# ceph osd pool create rbd 32
pool 'rbd' created
[ceph: root@serverf /]# ceph osd pool application enable rbd rbd
enabled application 'rbd' on pool 'rbd'
[ceph: root@serverf /]# rbd pool init -p rbd
```

▶ **3.** Create an RBD image called rbd/test in your primary Ceph cluster. Map it as a block device, format it with an XFS file system, mount it in /mnt/rbd directory, copy some data into it, and then unmount it.

3.1. Create the RBD image. Exit the cephadm shell and switch to the root user. Map the image, and then format it with an XFS file system.

```
[ceph: root@clienta /]# rbd create test --size 128 --pool rbd
[ceph: root@clienta /]# exit
exit
[admin@clienta ~]$ sudo -i
[root@clienta ~]# rbd map --pool rbd test
/dev/rbd0
[root@clienta ~]# mkfs.xfs /dev/rbd0
...output omitted...
```

3.2. Mount /dev/rbd0 to the /mnt/rbd directory and copy a file to it.

```
[root@clienta ~]# mount /dev/rbd0 /mnt/rbd
[root@clienta ~]# mount | grep rbd
/dev/rbd0 on /mnt/rbd type xfs (rw,relatime,seclabel,attr2,inode64,...)
[root@clienta ~]# cp /etc/ceph/ceph.conf /mnt/rbd/file0
[root@clienta ~]# ls /mnt/rbd
file0
```

3.3. Unmount your file system to ensure that the system flushes all data to the Ceph cluster.

```
[root@clienta ~]# umount /mnt/rbd
```