```
[ceph: root@clienta /]# ceph osd pool create rbd 32 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 backup 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 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.** In the production cluster, create a test RBD image and verify it. Enable pool-mode mirroring on the pool.

3.1. Create an RBD image called image1 in the rbd pool in the production cluster. Specify a size of 1024 MB. Enable the exclusive-lock and journaling RBD image features.

```
[ceph: root@clienta /]# rbd create image1 \
 --size 1024 \
 --pool rbd \
 --image-feature=exclusive-lock,journaling
```

3.2. List the images, and show the information about the image1 image in the rbd pool.

```
[ceph: root@clienta /]# rbd -p rbd ls
image1
[ceph: root@clienta /]# rbd --image image1 info
rbd image 'image1':
 size 1 GiB in 256 objects
 order 22 (4 MiB objects)
 snapshot_count: 0
 id: acb0966ee3a0
 block_name_prefix: rbd_data.acb0966ee3a0
 format: 2
 features: exclusive-lock, journaling
 op_features:
 flags:
 create_timestamp: Wed Sep 29 21:14:20 2021
 access_timestamp: Wed Sep 29 21:14:20 2021
 modify_timestamp: Wed Sep 29 21:14:20 2021
 journal: acb0966ee3a0
 mirroring state: disabled
```

3.3. Enable pool-mode mirroring on the rbd pool, and verify it.