

```
[student@workstation ~]$ ssh admin@clienta
...output omitted...
[admin@clienta ~]$ sudo cephadm shell
...output omitted...
[ceph: root@clienta /]# ceph health
HEALTH_OK
```

- 1.2. In the second terminal, log in to serverf as admin and use sudo to run the cephadm shell. Verify the health of the backup cluster. Exit from the cephadm shell.

```
[student@workstation ~]$ ssh admin@serverf
...output omitted...
[admin@serverf ~]$ sudo cephadm shell
...output omitted...
[ceph: root@serverf /]# ceph health
HEALTH_OK
[ceph: root@serverf /]# exit
[admin@serverf ~]$
```

2. In the production cluster, create the rbdpoolmode/vm1 RBD image, enable one-way pool-mode mirroring on the pool, and view the image information.
 - 2.1. Create an RBD image called vm1 in the rbdpoolmode pool in the production cluster. Specify a size of 128 megabytes, enable exclusive-lock, and journaling RBD image features.

```
[ceph: root@clienta /]# rbd create vm1 \
--size 128 \
--pool rbdpoolmode \
--image-feature=exclusive-lock,journaling
```

- 2.2. Enable pool-mode mirroring on the rbdpoolmode pool.

```
[ceph: root@clienta /]# rbd mirror pool enable rbdpoolmode pool
```

- 2.3. View the vm1 image information. Exit from the cephadm shell.

```
[ceph: root@clienta /]# rbd info --pool rbdpoolmode vm1
rbd image 'vm1':
  size 128 MiB in 32 objects
  order 22 (4 MiB objects)
  snapshot_count: 0
  id: ad7c2dd2d3be
  block_name_prefix: rbd_data.ad7c2dd2d3be
  format: 2
  features: exclusive-lock, journaling
  op_features:
  flags:
  create_timestamp: Tue Oct 26 23:46:28 2021
  access_timestamp: Tue Oct 26 23:46:28 2021
  modify_timestamp: Tue Oct 26 23:46:28 2021
```