

- 4.3. Go to the first terminal and copy the Ceph configuration and the key-ring files from the `/etc/ceph/` directory on the `clienta` node to the `/etc/ceph/` directory on the `clientb` node.

```
[ceph: root@clienta ~]# scp \
/etc/ceph/{ceph.conf,ceph.client.test_pool.clientb.keyring} \
root@clientb:/etc/ceph
root@clientb's password: redhat
...output omitted...
```

- 4.4. Go to the second terminal window. Temporarily set the default user ID used for connections to the cluster to `test_pool.clientb`.

```
[root@clientb ~]# export CEPH_ARGS='--id=test_pool.clientb'
```

- 4.5. Verify that you can connect to the cluster.

```
[root@clientb ~]# rbd ls test_pool
```

- 5. Create a new RADOS Block Device Image and map it to the `clientb` machine.

- 5.1. Create an RBD image called `test` in the `test_pool` pool. Specify a size of 128 megabytes.

```
[root@clientb ~]# rbd create test_pool/test --size=128M
```

```
[root@clientb ~]# rbd ls test_pool
test
```

- 5.2. Verify the parameters of the RBD image.

```
[root@clientb ~]# rbd info test_pool/test
rbd image 'test':
  size 128 MiB in 32 objects
  order 22 (4 MiB objects)
  snapshot_count: 0
  id: 867cba5c2d68
  block_name_prefix: rbd_data.867cba5c2d68
  format: 2
  features: layering, exclusive-lock, object-map, fast-diff, deep-flatten
  op_features:
  flags:
  create_timestamp: Thu Sep 23 18:54:35 2021
  access_timestamp: Thu Sep 23 18:54:35 2021
  modify_timestamp: Thu Sep 23 18:54:35 2021
```

- 5.3. Map the RBD image on the `clientb` node by using the kernel RBD client.

```
[root@clientb ~]# rbd map test_pool/test
/dev/rbd0
```