```
Name: backup
Mirror UUID: 7224d1c5-4bd5-4bc3-aa19-e3b34efd8369
Direction: tx-only
[ceph: root@prod-node /]# rbd mirror pool status
health: UNKNOWN
daemon health: UNKNOWN
image health: OK
images: 1 total
    1 replaying
```

> **Note**
>
> In one-way mode, the source cluster is not aware of the state of the replication. The RBD mirroring agent in the target cluster updates the status information.

Failover Procedure

If the primary RBD image becomes unavailable, then you can use the following steps to enable access to the secondary RBD image:

- Stop access to the primary RBD image. This means stopping all applications and virtual machines that are using the image.

- Use the `rbd mirror image demote` *pool-name/image-name* command to demote the primary RBD image.

- Use the `rbd mirror image promote` *pool-name/image-name* command to promote the secondary RBD image.

- Resume access to the RBD image. Restart the applications and virtual machines.

> **Note**
>
> When a failover after a non-orderly shutdown occurs, you must promote the non-primary images from a Ceph Monitor node in the backup storage cluster. Use the `--force` option because the demotion cannot propagate to the primary storage cluster

> **References**
>
> rbd(8) man page
>
> For more information, refer to the *Mirroring Ceph block devices* chapter in the *Block Device Guide for Red Hat Ceph Storage 5* at
> https://access.redhat.com/documentation/en-us/red_hat_ceph_storage/5/html-single/block_device_guide/index