

Chapter 6

Providing Block Storage Using RADOS Block Devices

Goal

Configure Red Hat Ceph Storage to provide block storage for clients using RADOS block devices (RBDs).

Objectives

- Provide block storage to Ceph clients using RADOS block devices (RBDs), and manage RBDs from the command line.
- Create and configure RADOS block devices snapshots and clones.
- Export an RBD image from the cluster to an external file and import it into another cluster.

Sections

- Managing RADOS Block Devices (and Guided Exercise)
- Managing RADOS Block Device Snapshots (and Guided Exercise)
- Importing and Exporting RBD Images (and Guided Exercise)

Lab

Providing Block Storage Using RADOS Block Devices