Configure an iSCSI Target

Use the Ceph Dashboard or the `ceph-iscsi gwcli` utility to configure an iSCSI target.

The *Using gwcli to add more iSCSI gateways* section of the *Block Device Guide for Red Hat Ceph Storage 5* provides detailed instructions on how to manage iSCSI targets using the `ceph-iscsi gwcli` utility.

These are example steps to configure an iSCSI target from the Ceph Dashboard.

1. Log in to the Dashboard.

2. On the navigation menu, click **Block** → **iSCSI**.

3. Click the **Targets** tab.

4. Select **Create** from the Create list.

5. In the *Create Target* window, set the following parameters:

    a. Modify the Target IQN (optional).

    b. Click **+Add portal** and select the first of at least two gateways.

    c. Click **+Add image** and select an image for the target to export.
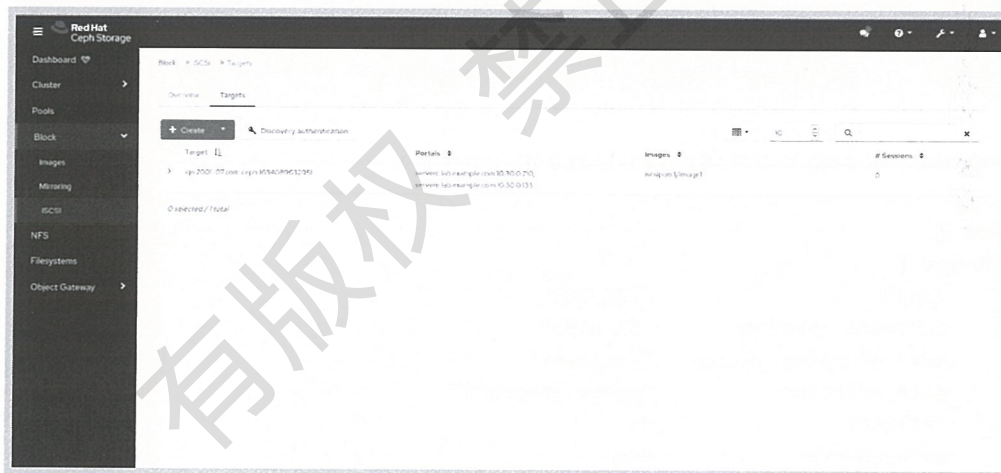
    d. Click **Create Target**.

Figure 7.4: iSCSI Targets page

Configure an iSCSI Initiator

Configuring an iSCSI initiator to communicate with the Ceph iSCSI gateway is the same as for any industry-standard iSCSI gateway. For RHEL 8, install the `iscsi-initiator-utils` and the `device-mapper-multipath` packages. The `iscsi-initiator-utils` package contains the utilities required to configure an iSCSI initiator. When using more than one iSCSI gateway, configure clients for multipath support to failover between gateways by using the cluster's iSCSI targets.