

RBD-NBD – MAP RBD IMAGES TO NBD DEVICE

SYNOPSIS

rbd-nbd [-c *conf*] [-read-only] [-device *nbd device*] [-nbds_max *limit*] [-max_part *limit*] [-exclusive] map *image-spec* | *snap-spec*
rbd-nbd unmap *nbd device*
rbd-nbd list-mapped

DESCRIPTION

rbd-nbd is a client for RADOS block device (rbd) images like rbd kernel module. It will map a rbd image to a nbd (Network Block Device) device, allowing access it as regular local block device.

OPTIONS

- c** *ceph.conf*
Use *ceph.conf* configuration file instead of the default `/etc/ceph/ceph.conf` to determine monitor addresses during startup.
- read-only**
Map read-only.
- nbds_max** **limit**
Override the parameter of NBD kernel module when modprobe, used to limit the count of nbd device.
- max_part** **limit**
Override for module param nbds_max.
- exclusive**
Forbid writes by other clients.

IMAGE AND SNAP SPECS

image-spec is [*pool-name*]/*image-name*
snap-spec is [*pool-name*]/*image-name*@*snap-name*

The default for *pool-name* is “rbd”. If an image name contains a slash character (`/`), *pool-name* is required.

AVAILABILITY

rbd-nbd is part of Ceph, a massively scalable, open-source, distributed storage system. Please refer to the Ceph documentation at <http://ceph.com/docs> for more information.

SEE ALSO

[rbd\(8\)](#)