You can specify the size of the objects used with the `--object-size` option. This parameter must specify an object size between 4096 bytes (4 KiB) and 33,554,432 bytes (32 MiB), expressed in bytes, K or M (for example, `4096`, `8 K` or `4 M`).

RBD Image Format

Each RBD image has three parameters associated with it:

`image_format`
> The RBD image format version. The default value is 2, the most recent version. Version 1 has been deprecated and does not support features such as cloning and mirroring.

`stripe_unit`
> The number of consecutive bytes stored in one object, `object_size` by default.

`stripe_count`
> The number of RBD image objects that a stripe spans, 1 by default.
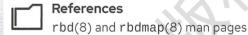
For RBD format 2 images, you can change the value of each of those parameters. The settings must align with the following equation:

```
stripe_unit * stripe_count = object_size
```

For example:

```
stripe_unit = 1048576, stripe_count = 4 for default 4 MiB objects
```

Remember that `object_size` must be no less than 4096 bytes and no greater than 33,554,432 bytes. Use the `--object-size` option to specify this value when you create the RBD image. The default `object_size` is 4192304 bytes (4 MiB).

> **References**
>
> `rbd(8)` and `rbdmap(8)` man pages
>
> For more information, refer to the *Red Hat Ceph Storage 5 Block Device Guide* at https://access.redhat.com/documentation/en-us/red_hat_ceph_storage/5/html-single/block_device_guide/index