```
[ceph: root@clienta /]# rbd import-diff \
/mnt/data-diff.img \
rbdimagemode/data
Importing image diff: 100% complete...done.
[ceph: root@clienta /]# exit
exit
```

12.3. Verify that the image called `data` in the pool called `rbdimagemode` also contains the services file by mapping and mounting the image. When done, unmount the file system and unmap the image.

```
[admin@clienta ~]$ sudo rbd map rbdimagemode/data
/dev/rbd0
[admin@clienta ~]$ sudo mount /dev/rbd0 /mnt/data
[admin@clienta ~]$ ls /mnt/data
services  words
[admin@clienta ~]$ sudo umount /mnt/data
[admin@clienta ~]$ sudo rbd unmap --pool rbdimagemode data
```

13. Configure the `clienta` host so that it will persistently mount the `rbd/data` RBD image as `/mnt/data`. Authenticate as the `admin` Ceph user by using existing keys found in the `/etc/ceph/ceph.client.admin.keyring` file.

13.1. Create an entry for `rbd/data` in the `/etc/ceph/rbdmap` RBD map file. The resulting file should have the following contents:

```
[admin@clienta ~]$ cat /etc/ceph/rbdmap
# RbdDevice  Parameters
#poolname/imagename id=client,keyring=/etc/ceph/ceph.client.keyring
rbd/data id=admin,keyring=/etc/ceph/ceph.client.admin.keyring
```

13.2. Create an entry for `/dev/rbd/rbd/data` in the `/etc/fstab` file. The resulting file should have the following contents:

```
[admin@clienta ~]$ cat /etc/fstab
UUID=d47ead13-ec24-428e-9175-46aefa764b26 / xfs defaults 0 0
UUID=7B77-95E7 /boot/efi vfat defaults,uid=0,gid=0,umask=077,shortname=winnt 0 2
/dev/rbd/rbd/data /mnt/data xfs noauto 0 0
```

13.3. Use the `rbdmap` command to verify your RBD map configuration.

```
[admin@clienta ~]$ sudo rbdmap map
[admin@clienta ~]$ rbd showmapped
id  pool  namespace  image  snap  device
0   rbd              data   -     /dev/rbd0
[admin@clienta ~]$ sudo rbdmap unmap
[admin@clienta ~]$ rbd showmapped
```

13.4. After you have verified that the RBD mapped devices work, enable the `rbdmap` service. Reboot the `clienta` host to verify that the RBD device mounts persistently.