

```
[client.restricteduser]
key = AQBc315hI7PaBRAA9/9fdmj+wjblK+izstA0aQ==
caps mds = "allow r fsname=mycephfs, allow rw fsname=mycephfs path=/dir2"
caps mon = "allow r fsname=mycephfs"
caps osd = "allow rw tag cephfs data=mycephfs"
exported keyring for client.restricteduser
[ceph: root@clienta /]# ceph auth caps client.restricteduser \
mds 'allow rws fsname=mycephfs' \
mon 'allow r fsname=mycephfs' \
osd 'allow rw tag cephfs data=mycephfs'
updated caps for client.restricteduser
[ceph: root@clienta /]# exit
exit
[admin@clienta .snap]$ cd
[admin@clienta ~]$ sudo umount /mnt/mycephfs
[admin@clienta ~]$ sudo mount.ceph serverc.lab.example.com:/ \
/mnt/mycephfs -o name=restricteduser
[admin@clienta ~]$ cd /mnt/mycephfs/.snap
[admin@clienta .snap]$ mkdir mysnapshot
```

- 3.4. Check that the files in the snapshot are the same as the files in the mounted CephFS file system.

```
[admin@clienta .snap]$ tree /mnt/mycephfs
/mnt/mycephfs
├── dir1
│   ├── a3rdfile
│   ├── anewfile
│   └── ddtest

1 directory, 3 files
[admin@clienta .snap]$ tree /mnt/mycephfs/.snap/mysnapshot
/mnt/mycephfs/.snap/mysnapshot
├── dir1
│   ├── a3rdfile
│   ├── anewfile
│   └── ddtest

1 directory, 3 files
```

- 4. Schedule to create an hourly snapshot of your CephFS file system's root folder.

- 4.1. Use sudo to run the cephadm shell. Enable the snapshot module.

```
[admin@clienta .snap]$ sudo cephadm shell
[ceph: root@clienta /]# ceph mgr module enable snap_schedule
```

- 4.2. Schedule to create the snapshot every hour.

```
[ceph: root@clienta /]# ceph fs snap-schedule add / 1h
Schedule set for path /
```

- 4.3. Check that your snapshot schedule is correctly created and in an active state.