

```
objects: 0 objects, 0 B
usage:   47 MiB used, 90 GiB / 90 GiB avail
pgs:     1 active+clean
```

Your cluster might be in the HEALTH_WARN state for a few minutes until all services and OSDs are ready.

- 6. Label `clienta` as the admin node. Verify that you can execute `cephadm` commands from `clienta`.

6.1. Apply the `_admin` label to `clienta` to label it as the admin node.

```
[ceph: root@serverc /]# ceph orch host label add clienta.lab.example.com _admin
Added label _admin to host clienta.lab.example.com
```

6.2. Manually copy the `ceph.conf` and `ceph.client.admin.keyring` files from `serverc` to `clienta`. These files are located in `/etc/ceph`.

```
[ceph: root@serverc /]# exit
exit
[root@serverc ceph]# cd /etc/ceph
[root@serverc ceph]# scp {ceph.client.admin.keyring,ceph.conf} \
root@clienta:/etc/ceph/
Warning: Permanently added 'clienta' (ECDSA) to the list of known hosts.
ceph.client.admin.keyring      100% 63 105.6KB/s 00:00
ceph.conf                     100% 177 528.3KB/s 00:00
```

6.3. Return to workstation as the `student` user, then log into `clienta` as the `admin` user and start the `cephadm` shell. Verify that you can execute `cephadm` commands from `clienta`.

```
[root@serverc ceph]# exit
[admin@serverc ~]$ exit
[student@workstation ~]$ ssh admin@clienta
[admin@clienta ~]$ sudo cephadm shell
Inferring fsid 8896efec-21ea-11ec-b6fe-52540000fa0c
Inferring config /var/lib/ceph/8896efec-21ea-11ec-b6fe-52540000fa0c/mon.clienta/
config
Using recent ceph image registry.redhat.io/rhceph/rhceph-5-
rhel8@sha256:6306...47ff
[ceph: root@clienta /]# ceph health
HEALTH_OK
```

6.4. Return to workstation as the `student` user.

```
[ceph: root@clienta /]# exit
[root@clienta ~]# exit
[admin@clienta ~]$ exit
[student@workstation ~]$
```