

```
[admin@server ~]$ sudo cat \
/var/log/ceph/2ae6d05a-229a-11ec-925e-52540000fa0c/myosd4.log
...output omitted...
2021-10-25T08:26:22.617+0000 7f86c1f9e080 1 bdev(0x561a77661000 /var/lib/ceph/
osd/ceph-4/block) close
2021-10-25T08:26:22.877+0000 7f86c1f9e080 1 bdev(0x561a77660c00 /var/lib/ceph/
osd/ceph-4/block) close
2021-10-25T08:26:23.125+0000 7f86c1f9e080 0 starting osd.4 osd_data /var/lib/
ceph/osd/ceph-4 /var/lib/ceph/osd/ceph-4/journal
2021-10-25T08:26:23.125+0000 7f86c1f9e080 -1 unable to find any IPv4 address in
networks '192.168.0.0/24' interfaces ''
2021-10-25T08:26:23.125+0000 7f86c1f9e080 -1 Failed to pick cluster address.
```

3.8. Return to workstation as the student user and close the second terminal.

```
[admin@server ~]$ exit
[student@workstation ~]$ exit
```

3.9. In the first terminal, compare the cluster network addresses for the OSD 0 and OSD 4 services.

```
[ceph: root@clienta /]# ceph config get osd.0 cluster_network
172.25.249.0/24
[ceph: root@clienta /]# ceph config get osd.4 cluster_network
192.168.0.0/24
```

3.10. Modify the cluster network value for the OSD 4 service. Attempt to restart the OSD 4 service.

```
[ceph: root@clienta /]# ceph config set osd.4 cluster_network 172.25.249.0/24
[ceph: root@clienta /]# ceph orch daemon restart osd.4
```

3.11. Verify that the OSD 4 service is now up. Verify the health of the storage cluster.

```
[ceph: root@clienta /]# ceph osd tree
ID CLASS WEIGHT TYPE NAME STATUS REWEIGHT PRI-AFF
-1 0.08817 root default
-3 0.02939 host serverc
0 hdd 0.00980 osd.0 up 1.00000 1.00000
1 hdd 0.00980 osd.1 up 1.00000 1.00000
2 hdd 0.00980 osd.2 up 1.00000 1.00000
-7 0.02939 host serverd
3 hdd 0.00980 osd.3 up 1.00000 1.00000
5 hdd 0.00980 osd.5 up 1.00000 1.00000
7 hdd 0.00980 osd.7 up 1.00000 1.00000
-5 0.02939 host servere
4 hdd 0.00980 osd.4 up 1.00000 1.00000
6 hdd 0.00980 osd.6 up 1.00000 1.00000
8 hdd 0.00980 osd.8 up 1.00000 1.00000
[ceph: root@clienta /]# ceph health detail
HEALTH_OK
```