```
Inferring fsid cd6a42ce-36f6-11ec-8c67-52540000fa0c
Inferring config /var/lib/ceph/cd6a42ce-36f6-11ec-8c67-52540000fa0c/mon.clienta/
config
Using recent ceph image registry.redhat.io/rhceph/rhceph-5-
rhel8@sha256:6306...47ff
[ceph: root@clienta /]# ceph health
HEALTH_OK
```

5. Manually add OSDs to the servere node using devices /dev/vde and /dev/vdf. Set 172.25.250.0/24 for the OSD public network and 172.25.249.0/24 for the OSD cluster network.

   5.1. Display the servere node storage device inventory on the Ceph cluster. Verify that the /dev/vde and /dev/vdf devices are available.

```
[ceph: root@clienta /]# ceph orch device ls --hostname=servere.lab.example.com
Hostname                  Path     Type   Serial            Size   Health
 Ident  Fault  Available
servere.lab.example.com  /dev/vde  hdd    4d212d34-e5a0-4347-9  10.7G  Unknown  N/A
    N/A    Yes
servere.lab.example.com  /dev/vdf  hdd    d86b1a78-10b5-46af-9  10.7G  Unknown  N/A
    N/A    Yes
servere.lab.example.com  /dev/vdb  hdd    1880975e-c78f-4347-8  10.7G  Unknown  N/A
    N/A    No
servere.lab.example.com  /dev/vdc  hdd    2df15dd0-8eb6-4425-8  10.7G  Unknown  N/A
    N/A    No
servere.lab.example.com  /dev/vdd  hdd    527656ac-8c51-47b2-9  10.7G  Unknown  N/A
    N/A    No
```

   5.2. Create the OSDs using the /dev/vde and /dev/vdf devices on the servere node.

```
[ceph: root@clienta /]# ceph orch daemon add osd servere.lab.example.com:/dev/vde
Created osd(s) 9 on host 'servere.lab.example.com'
[ceph: root@clienta /]# ceph orch daemon add osd servere.lab.example.com:/dev/vdf
Created osd(s) 10 on host 'servere.lab.example.com'
```

   5.3. For the OSD options, set public_network to 172.25.250.0/24 and cluster_network to 172.25.249.0/24.

```
[ceph: root@clienta /]# ceph config set osd public_network 172.25.250.0/24
[ceph: root@clienta /]# ceph config set osd cluster_network 172.25.249.0/24
```

   5.4. Return to workstation as the student user.

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

Evaluation

As the student user on the workstation machine, use the lab command to grade your work. Correct any reported failures and rerun the command until successful.