

- 4. Exit the `cephadm` shell. Create the `osd-cluster-network.conf` file and add a `public_network` setting with the IPv4 network address value of `172.25.250.0/24` in the `[osd]` section.

```
[ceph: root@clienta /]# exit
exit
[admin@clienta ~]$ cat osd-cluster-network.conf
[osd]
    cluster network = 172.25.249.0/24
```

- 5. Use the `cephadm` shell with the `--mount` option to mount the `osd-cluster-network.conf` file in the default location (`/mnt`). Use the `ceph config assimilate-conf` command with the `public-network.conf` file to apply the configuration. Verify that `cluster-network` is defined for the service.

- 5.1. Use the `cephadm` shell with the `--mount` option to mount the `osd-cluster-network.conf` file and verify the integrity of the file.

```
[admin@clienta ~]$ sudo cephadm shell --mount osd-cluster-network.conf
[ceph: root@clienta /]# cat /mnt/osd-cluster-network.conf
[osd]
    public network = 172.25.250.0/24
```

- 5.2. Use the `ceph config assimilate-conf` command with the `osd-cluster-network.conf` file to apply the configuration. Verify that `cluster_network` is defined for the service.

```
[ceph: root@clienta /]# ceph config assimilate-conf \
-i /mnt/osd-cluster-network.conf
[ceph: root@clienta /]# ceph config get osd cluster_network
172.25.249.0/24
```

- 6. Use the `ceph config` command to set the `public_network` setting to `172.25.250.0/24` for the MON services. Verify that the service has the new setting. Exit the `cephadm` shell.

```
[ceph: root@clienta /]# ceph config set mon public_network 172.25.250.0/24
[ceph: root@clienta /]# ceph config get mon public_network
172.25.250.0/24
[ceph: root@clienta /]# exit
exit
[admin@clienta ~]$
```

**Note**

You must restart the cluster for this setting to take effect. Omit that step for this exercise, to save time.

- 7. Log in to `serverc` as the `admin` user and switch to the `root` user. Configure a firewall rule to secure the MON service on `serverc`.