Chapter 3 | Configuring a Red Hat Ceph Storage Cluster

```
no_config_file false
    override
rbd_default_features 61
    default
setgroup ceph
    cmdline
setuser ceph
    cmdline
```

- ▶ 4. View the runtime and cluster configuration database value of the debug_ms setting for the osd.1 daemon. Edit the setting value to 10. Verify that the runtime and cluster configuration database value is applied. Restart the osd.1 daemon. Verify that the values for the debug_ms setting persist after the restart.
 - 4.1. View the debug_ms runtime configuration setting for osd.1.

```
[ceph: root@clienta /]# ceph config show osd.1 debug_ms
0/0
```

4.2. View the debug_ms setting value that is stored in the cluster configuration database for the osd.1 daemon.

```
[ceph: root@clienta /]# ceph config get osd.1 debug_ms
0/0
```

4.3. Modify the debug_ms setting value for osd.1.

```
[ceph: root@clienta /]# ceph config set osd.1 debug_ms 10
```

4.4. Verify that the runtime and cluster configuration database value is applied.

```
[ceph: root@clienta /]# ceph config show osd.1 debug_ms
10/10
[ceph: root@clienta /]# ceph config get osd.1 debug_ms
10/10
```

4.5. Restart the osd 1 daemon.

```
[ceph: root@clienta /]# ceph orch daemon restart osd.1
Scheduled to restart osd.1 on host 'serverd.lab.example.com'
```

4.6. Run the cephadm shell and verify that the values persist after the restart.

```
[ceph: root@clienta /]# ceph config show osd.1 debug_ms
10/10
[ceph: root@clienta /]# ceph config get osd.1 debug_ms
10/10
```

5. Use ceph tell to temporarily override the debug_ms setting value for the osd.1 daemon to 5. Restart the osd.1 daemon in serverc and verify that the value is reverted.