

```

        "ceph version 16.2.0-117.el8cp (0e34bb74700060ebfaa22d99b7d2cdc037b28a57)
        pacific (stable)": 22
    }
}

```

12.2. List all OSD versions.

```

[ceph: root@clienta /]# ceph tell osd.* version
osd.0: {
  "version": "16.2.0-117.el8cp",
  "release": "pacific",
  "release_type": "stable"
}
osd.1: {
  "version": "16.2.0-117.el8cp",
  "release": "pacific",
  "release_type": "stable"
}
osd.2: {
  "version": "16.2.0-117.el8cp",
  "release": "pacific",
  "release_type": "stable"
}
...output omitted...

```

► 13. View the balancer status.

```

[ceph: root@clienta /]# ceph balancer status
{
  "active": true,
  "last_optimize_duration": "0:00:00.001072",
  "last_optimize_started": "Thu Sep 30 06:07:53 2021",
  "mode": "upmap",
  "optimize_result": "Unable to find further optimization, or pool(s) pg_num is
  decreasing, or distribution is already perfect",
  "plans": []
}

```

► 14. Return to workstation as the student user.

```

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

```

## Finish

On the workstation machine, use the `lab` command to complete this exercise. This is important to ensure that resources from previous exercises do not impact upcoming exercises.

```

[student@workstation ~]$ lab finish cluster-admin

```

This concludes the guided exercise.