

```
[ceph: root@clienta /]# ceph osd tree | grep osd.6
6      hdd      0.00980          osd.6          up      1.00000    1.00000
```

3. Set the OSD 5 daemon to the out state and verify that all data has been migrated off of the OSD.

- 3.1. Set the OSD 5 daemon to the out state.

```
[ceph: root@clienta /]# ceph osd out 5
marked out osd.5.
```

- 3.2. Verify that all PGs have been migrated off of the OSD 5 daemon. It will take some time for the data migration to finish. Press CTL+C to exit the command.

```
[ceph: root@clienta /]# ceph -w
cluster:
  id:          2ae6d05a-229a-11ec-925e-52540000fa0c
  health: HEALTH_WARN
             Reduced data availability: 5 pgs peering
             Degraded data redundancy: 1/663 objects degraded (0.151%), 1 pg
degraded

services:
  mon: 4 daemons, quorum serverc.lab.example.com,clienta,serverd,servere (age
9h)
  mgr: serverc.lab.example.com.aiqepd(active, since 9h), standbys:
serverd.klrkci, servere.kjwyko, clienta.nncugs
  osd: 9 osds: 9 up (since 46s), 8 in (since 7s); 4 remapped pgs
  rgw: 2 daemons active (2 hosts, 1 zones)

data:
  pools:   5 pools, 105 pgs
  objects: 221 objects, 4.9 KiB
  usage:   235 MiB used, 80 GiB / 80 GiB avail
  pgs:     12.381% pgs not active
           1/663 objects degraded (0.151%)
           92 active+clean
           10 remapped+peering
           2  activating
           1  activating+degraded

io:
  recovery: 199 B/s, 0 objects/s

progress:
  Global Recovery Event (2s)
  [.....]

2021-03-28 21:23:25.557849 mon.serverc [WRN] Health check failed: Reduced data
availability: 1 pg inactive, 1 pg peering (PG_AVAILABILITY)
2021-03-28 21:23:25.557884 mon.serverc [INF] Health check cleared: PG_DEGRADED
(was: Degraded data redundancy: 36/2163 objects degraded (1.664%), 5 pgs
degraded)
```