

```
{
  "snap_trimq": "[]",
  "snap_trimq_len": 0,
  "state": "active+clean",
  "epoch": 334,
  "up": [
    8,
    2,
    5
  ],
  "acting": [
    8,
    2,
    5
  ],
  "acting_recovery_backfill": [
    "2",
    "5",
    "8"
  ],
  "info": {
    "pgid": "9.11",
    ...output omitted...
  }
}
```

- 12. List the OSD and cluster daemon versions. This is a useful command to run after cluster upgrades.

12.1. List all cluster daemon versions.

```
[ceph: root@clienta /]# ceph versions
{
  "mon": {
    "ceph version 16.2.0-117.el8cp (0e34bb74700060ebfaa22d99b7d2cdc037b28a57)
    pacific (stable)": 4
  },
  "mgr": {
    "ceph version 16.2.0-117.el8cp (0e34bb74700060ebfaa22d99b7d2cdc037b28a57)
    pacific (stable)": 4
  },
  "osd": {
    "ceph version 16.2.0-117.el8cp (0e34bb74700060ebfaa22d99b7d2cdc037b28a57)
    pacific (stable)": 9
  },
  "mds": {
    "ceph version 16.2.0-117.el8cp (0e34bb74700060ebfaa22d99b7d2cdc037b28a57)
    pacific (stable)": 3
  },
  "rgw": {
    "ceph version 16.2.0-117.el8cp (0e34bb74700060ebfaa22d99b7d2cdc037b28a57)
    pacific (stable)": 2
  },
  "overall": {
```