

SYSTEMD

Upon startup, it will identify the logical volume using **LVM tags**, finding a matching ID and later ensuring it is the right one with the **OSD uuid**.

After identifying the correct volume it will then proceed to mount it by using the OSD destination conventions, that is:

```
/var/lib/ceph/osd/<cluster name>-<osd id>
```

For our example OSD with an id of 0, that means the identified device will be mounted at:

```
/var/lib/ceph/osd/ceph-0
```

Once that process is complete, a call will be made to start the OSD:

```
systemctl start ceph-osd@0
```

The systemd portion of this process is handled by the `ceph-volume lvm trigger` sub-command, which is only in charge of parsing metadata coming from systemd and startup, and then dispatching to `ceph-volume lvm activate` which would proceed with activation.