

CEPH-VOLUME

Deploy OSDs with different device technologies like lvm or physical disks using pluggable tools ([lvm](#) itself is treated like a plugin) and trying to follow a predictable, and robust way of preparing, activating, and starting OSDs.

[Overview](#) | [Plugin Guide](#) |

Command Line Subcommands There is currently support for lvm, and plain disks (with GPT partitions) that may have been deployed with ceph-disk.

- [lvm](#)
- [simple](#)

MIGRATING

Starting on Ceph version 12.2.2, ceph-disk is deprecated. Deprecation warnings will show up that will link to this page. It is strongly suggested that users start consuming ceph-volume.

NEW DEPLOYMENTS

For new deployments, [lvm](#) is recommended, it can use any logical volume as input for data OSDs, or it can setup a minimal/naive logical volume from a device.

EXISTING OSDS

If the cluster has OSDs that were provisioned with ceph-disk, then ceph-volume can take over the management of these with [simple](#). A scan is done on the data device or OSD directory, and ceph-disk is fully disabled. Encryption is fully supported.