



Course: SES201

SUSE Enterprise Storage Administration



Training Level:

- Intermediate

Duration:

- 2 days

Course Overview

This two day course introduces students to SUSE Enterprise Storage and provides them with the skills to deploy, access, administer and monitor a basic storage cluster.

Key Objectives

In this course, attendees will learn the following::

- Understand SES 3 components and architecture
- Install a basic SES 3 Ceph cluster using the ceph-deploy utility
- Understand and use RADOS, OSDs, Monitors and Ceph data placement
- Access and use block and object storage using rbd, iSCSI and Ceph Object Gateway
- Using Erasure Coding
- Monitoring the Ceph cluster

Prerequisites

Attendees should have Linux System Administration skills equivalent to SUSE Certified Administrator in Enterprise Linux 12. Familiarity with other storage solutions and distributed filesystems is helpful but not essential.

Course Outline

- ❑ Section 1: Introduction to SES 3 and Ceph Architecture
- ❑ Section 2: Installing a SES 3 Cluster
- ❑ Section 3: Data Placement and Pools
- ❑ Section 4: Configure and access Block Storage using rbd
- ❑ Section 5: Access Block Storage using iSCSI
- ❑ Section 6: Using the Ceph Object Gateway (RADOS-GW)
- ❑ Section 7: Using Erasure Coding with Ceph
- ❑ Section 8: Monitoring the Ceph cluster from command line and Calamari web interface

SUSE Services

Information about SUSE Training can be found at:

<https://training.suse.com>



Contact suse-training@suse.com with any questions.