

SUSE Linux Enterprise Server 11: Certified Linux Engineer 11

Course 3107

Course Overview

The SUSE Linux Enterprise Server: Certified Linux Expert 11 course is designed to enable professional administrators to perform specialized tasks on SUSE Linux Enterprise Server 11 concerning networking, storage, virtualization, and disaster preparedness and recovery. Also, it will prepare candidates for the CLE 11 Practicum exam.

Training Level:

- > 3 - Experienced

Duration:

- > 5 Days

Delivery Method:

- > Classroom
- > Self-Study Kit

Key Objectives

This course teaches you how to perform the following SUSE Linux Enterprise Server 11 administrative tasks:

- Manage networking
- Manage server storage
- Work with Xen virtualization
- Harden servers
- Update servers
- Prepare servers for disasters

Audience Summary

This course is designed for experienced SLES server administrators who are, or intend to be, managing SLES servers at a level that goes beyond the basic administration skills covered in CLA and CLP.

Course Prerequisites

Before taking this course, you should have a solid Linux background. Specifically, you should have passed the CLP 11 Practicum exam or have comparable knowledge as taught in the CLP 11 courses SUSE Linux Enterprise 11 Fundamentals (3101), SUSE Linux Enterprise 11 Administration (3102), and SUSE Linux Enterprise Server 11 Administration (3103).

Course Outline

During this course, you learn the following:

SECTION 1: Manage Networking

Objectives: Configure Networking on SLES 11 - Understand Linux Network Bridges - Bond Network Adapters - Configure Virtual Local Area Networks

SECTION 2: Manage Server Storage

Objectives: Manage SCSI Devices on Linux - Describe how Fibre Channel SANs Work - Implement a SAN with iSCSI

SECTION 3: Work with Xen Virtualization

Objectives: Understand Virtualization Technology - Implement SLES 11 as a Xen Host Server - Implement SLES 11 as a Xen Guest

SECTION 4: Harden Servers

Objectives: Describe Server Hardening - Harden a SLES 11 Server - Harden Servers with AppArmor - Implement an IDS

SECTION 5: Update Servers

Objectives: Describe How SMT Works - Install and Configure an SMT Server - Configure SMT Client Systems - Stage Repositories

SECTION 6: Prepare Servers for Disasters

Objectives: Design a Backup Strategy - Use Linux Tools to Create Backups - Implement Multipath I/O

SECTION 7: Monitor Server Health

Objectives: Document the Server - Monitor Log Files with logwatch - Monitor Network Hosts with Nagios