

Course Description



SUSE Linux Enterprise Server 11: Certified Linux Engineer 11 (Course 3107 v2)

Course Overview

What is SLP?

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:

- Virtual Classroom

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

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.

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 Test Information

This course along with the skills taught in SUSE Linux Enterprise Server 10 Fundamentals (Course 3071) prepares you to take the Novell Certified Linux Administrator 10 (Novell CLA 10) Traditional Exam (050-710). Combined with the skills taught in SUSE Linux Enterprise Server 10 Advanced Administration (Course 3073), this course prepares you to take the Novell Certified Linux Professional 10 (Novell CLP 10) Practicum Exam (050-697). For Novell CLA 10 exam objectives and registration, see Novell Certified Linux Administrator; for Novell CLP 10 exam objectives and registration, see Novell Certified Linux Professional 10. NOTE: If you are a current Novell Certified Linux Professional 9, you can upgrade to the Novell CLP 10 certification by studying the free Upgrading to Novell Certified Linux Professional 10 course (3070) before taking the Novell CLP 10 exam (see Complimentary Training from Novell).

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 Multipaht I/O
- **SECTION 7: Monitor Server Health**
 - Objectives: Document the Server - Monitor Log Files with logwatch - Monitor Network Hosts with Nagios

Tools and resources

To locate a course:
www.novell.com/traininglocator

More information:
www.novell.com/training/courseware



Contact your local Novell Solutions Provider, or call Novell at:

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