

Course code	Course Contents	Exam No.	Certification Title	Duration
3117	SuSE Linux Enterprise Server 11 Sp2 Management	50-723	SuSE Certified Linux Engineer 11	40 Hrs
3107	SuSE Linux Enterprise Server 11: CLE			

Course 3117 SUSE Linux Enterprise Server 11 SP2 Management

Course Outline

SECTION 1: Configure Fundamental Networking Services

- Objective 1: Configure NFS
- Objective 2: Configure time on SLES11
- Objective 3: Enable the Extended Internet Daemon (xinetd)
- Objective 4: Enable an FTP Serve

SECTION 2: Manage Printing

- Objective 1: Configure CUPS
- Objective 2: Manage Print Jobs and Queues
- Objective 3: Understand how CUPS Works
- Objective 4: Configure and Manage Print Server Access
- Objective 5: Use the Web Interface to Manage a CUPS Server

SECTION 3: Configure and Use Open LDAP

- Objective 1: Understand the Basics of LDAP
- Objective 2: Install and Set up an OpenLDAP Server
- Objective 3: Add, Modify, and Delete Entries in the OpenLDAP Database
- Objective 4: Query the OpenLDAP Database
- Objective 5: Activate OpenLDAP Authentication

SECTION 4: Configure and Use Samba

- Objective 1: Understand Samba
- Objective 2: Configure a Simple File Server
- Objective 3: Configure User Authentication
- Objective 4: Use Samba's Client Tools
- Objective 5: Use Samba as a Domain Controller
- Objective 6: Integrate Samba in a Windows Domain
- Objective 7: Configure Samba as a Print Server

SECTION 5: Configure a Web Server

- Objective 1: Set Up a Basic Web Server
- Objective 2: Configure Virtual Hosts
- Objective 3: Limit Access to the Web Server
- Objective 4: Configure Apache with OpenSSL
- Objective 5: Install PHP

SECTION 6: Configure and Use IPv6

- Objective 1: IPv6 Theory
- Objective 2: IPv6 on SLE11

SECTION 7: Perform a Health Check and Performance Tuning

- Objective 1: Find Performance Bottlenecks
- Objective 2: Reduce System Memory Load
- Objective 3: Optimize the Storage System
- Objective 4: Tune the Network Performance

SECTION 8: Create Shell Scripts

- Objective 1: Understand the Course Project
- Objective 2: Use Basic Script Elements
- Objective 3: Understand Variables and Command Substitution
- Objective 4: Use Control Structures
- Objective 5: Use Arithmetic Operators
- Objective 6: Read User Input
- Objective 7: Use Arrays
- Objective 8: Finalize the Course Project
- Objective 9: Use Advanced Scripting Techniques
- Objective 10: Learn About Useful Commands in Shell Scripts

SECTION 9: Deploy SUSE Linux Enterprise

- Objective 1: Installation Options and Deployment Strategies
- Objective 2: Installation Server: Setup and Use
- Objective 3: Set Up of PXE Boot for Installation
- Objective 4: Auto-Installation Basics
- Objective 5: The Configuration File for AutoYaST
- Objective 6: Automated Installation

SECTION 10: Xen

- Objective 1: Understand How Virtualization with Xen Works
- Objective 2: Install Xen
- Objective 3: Manage Xen Domains with Virt-Manager
- Objective 4: Manage Xen Domains from the Command Line
- Objective 5: Understand Xen Networking

Course 3107 SUSE Linux Enterprise Server 11: Certified Linux Engineer 11

Course Outline

- SECTION 1: Manage Networking
- SECTION 2: Manage Server Storage
- SECTION 3: Work with Xen Virtualization
- SECTION 4: Harden Servers
- SECTION 5: Update Servers
- SECTION 6: Prepare Servers for Disasters
- SECTION 7: Monitor Server Health