



LINUX TRAINING

Suse Linux Enterprise Server 15 Operations Course Sle201v15

Master Suse Linux Enterprise Server 15 operations. Learn to administer and troubleshoot this enterprise-grade Linux system effectively.

DURATION

2 hours

LEVEL

Intermediate

FORMAT

Instructor-Led

- Globally Recognized Certification

- Expert-Led Hands-On Training

- Flexible Scheduling

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COURSE OVERVIEW

This intensive Suse Linux Enterprise Server 15 Operations Course (Sle201v15) provides IT professionals with the essential skills to efficiently manage and operate SLES 15 in demanding enterprise environments. You will gain hands-on experience with the core functionalities, from installation and initial configuration to advanced system management, ensuring robust and reliable server performance. The course delves into crucial aspects like software deployment using Zypper, user and group administration, network configuration, and foundational security practices, empowering you to maintain critical business infrastructure with confidence. Mastering Suse Linux Enterprise Server 15 is vital for organizations relying on stable, high-performance Linux solutions for their backend operations, cloud deployments, and data centers. This program is designed to elevate your proficiency in managing complex Linux systems, leveraging SLES 15's unique tools such as YaST for streamlined administration, systemd for process management, and Btrfs for advanced file system capabilities. Upon completion, you'll be equipped to troubleshoot common issues, optimize system performance, and implement best practices for day-to-day SLES operations. The professional benefits extend to enhanced career prospects in roles requiring specialized Linux expertise. Graduates will be able to contribute significantly to system uptime, security, and scalability, becoming indispensable assets in any IT department. This course is your gateway to becoming a highly competent SLES administrator, capable of supporting mission-critical applications and services.

Duration	2 hours
Level	Intermediate
Vendor	Linux

COURSE CURRICULUM

01 Module 1: Introduction to SLES 15 and Installation

- Understanding SLES 15 Architecture and Features
- Planning SLES 15 Installations
- Performing a SLES 15 Installation with YaST
- Post-Installation Configuration and Initial Setup
- Introduction to the Btrfs File System

02 Module 2: SLES System Management Fundamentals

- Managing Users and Groups
- Understanding and Managing File Permissions
- Using the Linux Command Line Interface (CLI)
- Navigating the File System
- Introduction to systemd for Service Management

03 Module 3: Software and Package Management

- Managing Software with Zypper
- Configuring Software Repositories
- Updating and Patching SLES 15 Systems
- Installing and Removing Software Packages
- Understanding RPM Package Management

04 Module 4: Network Configuration and Services

- Configuring Network Interfaces with YaST and ip command
- Managing DNS Client Configuration
- Understanding Basic Network Troubleshooting

- Configuring SSH for Remote Access
- Time Synchronization with NTP

05 Module 5: Storage Management and Backup

- Managing Disk Partitions and File Systems
- Working with Logical Volume Manager (LVM)
- Mounting and Unmounting File Systems
- Introduction to Backup and Recovery Strategies
- Monitoring Disk Usage

06 Module 6: System Monitoring and Basic Troubleshooting

- Monitoring System Performance with top, htop, vmstat
- Analyzing System Logs with journalctl
- Troubleshooting Boot Issues
- Managing and Monitoring Processes
- Basic Security Practices: Firewall and SELinux Introduction

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Enterprise Linux System Administrator (Suse Specialist)**
- > **Data Center Operations Engineer (SLES Focus)**
- > **Cloud Infrastructure Support Analyst (Leveraging SLES on IaaS)**

FREQUENTLY ASKED QUESTIONS

Q: What foundational Linux knowledge is recommended before enrolling in the Suse Linux Enterprise Server 15 Operations Course (Sle201v15)?

This intermediate-level course assumes a basic understanding of Linux command-line operations, file system navigation, and fundamental concepts of user and group management. While not strictly required, prior experience with any Linux distribution or completion of an introductory Linux course will significantly enhance your learning experience and allow you to grasp the SLES 15-specific operations more effectively.

Q: How does mastering Suse Linux Enterprise Server 15 operations specifically enhance my career prospects compared to other Linux distributions like Red Hat or Ubuntu?

Gaining expertise in SLES 15 operations distinguishes you in the job market, particularly for roles within enterprises and organizations that specifically rely on SUSE's robust, certified, and long-term supported Linux solutions. SLES proficiency opens doors to roles in industries such as automotive, healthcare, and SAP environments where SUSE is a prevalent choice. It demonstrates your versatility and ability to manage diverse enterprise-grade Linux infrastructures, complementing skills in other distributions rather than replacing them.

Q: What specific real-world operational challenges will I be prepared to tackle after completing this SLES 15 operations course?

Upon completing this course, you will be equipped to handle a range of real-world operational challenges, including

efficiently installing and configuring new SLES 15 servers, managing software updates and security patches across multiple systems, optimizing server performance, troubleshooting common network and storage issues, and ensuring system stability. You'll be able to confidently administer SLES systems for critical applications, manage user access, and implement essential backup and recovery strategies, thereby minimizing downtime and enhancing IT infrastructure reliability.

ABOUT COMPUTER PRIDE



East Africa's Premier IT Training Center

With over 15 years of excellence, Computer Pride delivers globally recognized certification programs from leading technology vendors. Located on Kenyatta Avenue in Nairobi's CBD, our state-of-the-art facilities and expert instructors have empowered thousands of professionals across East Africa.

15+

Years of Excellence

10,000+

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READY TO ENROL?

Take the next step in your technology career.

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