



LINUX TRAINING

Suse Linux Enterprise Server 15 Advanced Administration

Master advanced SLES 15 administration. Configure and optimize enterprise-grade Linux servers efficiently.

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 highly focused 2-hour intensive course on Suse Linux Enterprise Server 15 Advanced Administration is meticulously designed for experienced Linux administrators seeking to deepen their expertise specifically within the SLES 15 ecosystem. It's an accelerated program that distills critical advanced concepts into a concise, impactful learning experience, covering essential techniques for optimizing, securing, and troubleshooting enterprise-grade SLES 15 deployments. Participants will gain practical insights into leveraging advanced SLES 15 features for robust system management.

Through this concentrated training, you will explore core technologies pertinent to SLES 15, including advanced systemd functionalities, sophisticated network and storage configurations, and enhanced security hardening practices using tools like AppArmor and firewalld. The course emphasizes practical application, providing a sharp enhancement to your operational capabilities in complex SLES 15 environments. Elevate your proficiency to manage highly available, secure, and performant SLES 15 servers, positioning yourself as a crucial asset in any organization relying on this powerful enterprise Linux distribution.

Duration	2 hours
Level	Intermediate
Vendor	Linux

COURSE CURRICULUM

01 Module 1: SLES 15 Advanced System Management and Diagnostics

- Mastering systemd: advanced targets, units, and troubleshooting
- Zypper power features: patch application, repositories, and dependency resolution
- Utilizing Snapper for filesystem snapshots, rollbacks, and system recovery

02 Module 2: Network and Storage Optimization on SLES 15

- Advanced NetworkManager configurations: bonding, bridging, and complex profiles
- LVM beyond basics: snapshots, online resizing, and advanced volume group management
- Btrfs deep dive: subvolumes, quotas, send/receive for replication and backups

03 Module 3: SLES 15 Security Hardening and Performance

- AppArmor policy management: understanding, creating, and enforcing profiles
- Firewalld advanced rules: rich rules, zones, and direct configurations for network security
- Performance monitoring and basic tuning with SLES-specific tools (e.g., sar, iostat, vmstat)

CAREER PATHWAYS

Graduates of this program are prepared for the following roles:

- > **Suse Linux Enterprise Specialist (System Administrator)**
- > **Enterprise Linux Infrastructure Engineer**

> Cloud Operations Engineer (SLES-focused deployments)

FREQUENTLY ASKED QUESTIONS

Q: What foundational SLES knowledge is required to benefit from this 2-hour advanced administration course?

This course assumes participants possess solid foundational knowledge of Suse Linux Enterprise Server, including basic command-line operations, file system navigation, package management, and network configuration. It is designed to build upon existing intermediate-level SLES administration skills, focusing on advanced concepts and features introduced or enhanced in SLES 15.

Q: Will this course cover any specific SLES 15 high availability or clustering solutions given its advanced nature?

While this 2-hour course focuses on advanced administration topics like system management, networking, storage optimization, and security, it does not delve into full-fledged high availability or clustering solutions like Pacemaker/Corosync. The limited duration necessitates a concentrated focus on core advanced system features of a single SLES 15 instance. Dedicated courses are recommended for HA/clustering expertise.

Q: How will the skills learned in this course directly contribute to enhancing the reliability and security of SLES 15 production environments?

The skills acquired, such as advanced Snapper usage for recovery, refined AppArmor policy management, and precise firewalld configurations, are directly applicable to strengthening the resilience and security posture of SLES 15 production systems. You'll learn to implement proactive measures and advanced troubleshooting techniques that minimize downtime and protect critical data, making your SLES environments more robust and trustworthy.

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+

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