

Training: SUSE
SLE201 SUSE Linux Enterprise Server 12 Administration

FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Hardcopy	800 EUR	4 days
Traditional	CTAB Tablet	900 EUR	4 days
Distance learning	Hardcopy	800 EUR	4 days
Distance learning	CTAB Tablet	800 EUR	4 days

LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm

Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING GOALS:

This course is designed for those who are seeking a fundamental understanding of the **SUSE Linux Enterprise Server (SLES)** operating system.

Attendees will be taught the following concepts and skills that are fundamental in administering the SLES Operating System:

- Install SLES 12 and perform basic Linux configuration
- Become familiar with the command line interface & commonly used commands
- Configure and use Remote Administration
- Manage the boot process and understand systemd
- Manage processes and jobs
- Manage users and permissions
- Manage software
- Configure basic networking
- Manage storage
- Monitoring SUSE Linux Enterprise

Audience Summary

This course is designed for those who have little or no experience with Linux and who are seeking a fundamental understanding of the SUSE Linux Enterprise 12 operating system. It is also ideal for those who want to begin preparing for the SUSE Certified Administrator in Enterprise Linux 12 (SCA) certification exam.

CONSPECT:

- What is SUSE Linux Enterprise?
 - Understand the different flavors of SUSE Linux
 - Understand the SUSE Linux Enterprise maintenance model
 - Install SLES12
 - Introduction to the GNOME Desktop
 - Understand YaST
 - Understand the Filesystem Hierarchy Standard
 - Get to Know the Linux File Types
- Work with the Command Line
 - Define and Explain the Shell Environment
 - Use the Most Important Commands
 - Get Help at the Command Line
 - Work with the VIM Text Editor
 - Use OpenSSH for Command Line Remote Administration
- System Initialization
 - Understand the SLE12 Boot Process
 - Understand UEFI, Secure Boot, and Trusted Execution
 - Configure the GRUB2 Bootloader
 - Define and Manage Services with systemd
- Process Management
 - Manage Processes
 - Work with Background Processes
 - Schedule Processes
- Identity and Security
 - Manage Users and Groups
 - Change File Permissions
 - Delegate Privileges (su)
- Manage Software
 - Manage RPM Packages
 - Manage Software Repositories and Libzypp
- Network Management
 - Use Basic Network Commands
 - Configure Network Interfaces
 - Manage Networks with Wicked

- Set Up SUSEfirewall2
- Storage
 - Configure Partitioning (MBR and GPT)
 - Recognize Traditional Linux File Systems
 - Introduction to Btrfs
 - Configure Software RAID
 - Configure Logical Volume Management (LVM)
- Administration and Monitoring
 - Configure Time Synchronization
 - Configure System Logging
 - Use Supportconfig
- Hardware Management
 - Display Hardware Information
 - Manage Drivers

REQUIREMENTS:

This course is designed for students without previous Linux experience. Basic computer skills on any operating system is required.

Difficulty level



CERTIFICATE:

The participants will obtain certificates signed by SUSE.

TRAINER:

Certified SUSE Trainer.