

Tytuł szkolenia: SUSE Linux Enterprise Server 15 Advanced Administration

Kod szkolenia: Linux-SUSE

Wprowadzenie

Szkolenie **SUSE Linux Enterprise Server 15 Advanced Administration** pomaga w przygotowaniu kursantów do egzaminu certyfikacyjnego.

Adresaci szkolenia

Cel szkolenia

Czas i forma szkolenia

- 28 godzin (4 dni x 7 godzin), w tym wykłady i warsztaty praktyczne.

Plan szkolenia

1. Advanced System Administration

- YaST Security Module
- Understand and use the YaST Security Module
- Backup and Recovery
- Understand and Use Snapper
- Software Libraries
- Understand Software Libraries in Linux
- General Server Health
- Gather Server Health and Performance Information
- Monitoring Overview
- Monitoring Methodology
- What are Optimization Tools?
- The Optimization Process
- System Optimization Tools
- Control Groups
- Understand Linux Control Groups

2. Encryption

- SSL/TLS
- Understand SSL/TLS Concepts
- openssl

3. Shell Scripting

- Use Basic Script Elements
- Use Control Structures
- Read User Input
- Use Arrays
- Use Shell Functions
- Use Command Options in Scripts
- Test File Types and Compare Values

4. Hardware

- Hardware Info
- Display Hardware Information
- Drivers
- Understand Linux Drivers
- Use Driver Management Utilities

5. Advanced Networking

- Advanced Network Interface Types
- Bridges
- Virtual Ethernet Devices
- VLANs
- Network Namespaces
- Understand Linux Network Namespaces
- Work with Linux Network Namespaces

6. Advanced Storage Administration

- iSCSI
- Understand iSCSI Concepts
- Configure and Manage the LIO iSCSI Target
- Configure and Manage the iSCSI Initiator
- MPIO
- Understand MPIO
- Configure and Manage Device Mapper Multipath I/O

7. Centralized Authentication

- PAM
- Understand PAM
- Configure PAM
- SSSD
- Understand SSSD
- Deploy SSSD

8. Advanced Software Management

- RPM
- Manage RPM Packages
- Build RPM Packages
- Understand the RPM spec file
- Sign RPM Packages with GPG
- Repositories
- Understand Software Repository Concepts
- Create a Software Repository with creatrepo
- Sign RPM-MD Software Repositories
- Manage Software Repositories with libzypp
- RMT
- Understand the Repository Mirroring Tool (RMT)
- Install and Configure an RMT Server
- Mirror Software Repositories with RMT
- Configure SMT Clients

9. Configuration Management with Salt

- Salt Overview
- Install and Configure Salt
- Understand Execution Modules
- Understand the Salt State System

10. Zarządzanie Firewall