

Szkolenie: SUSE SMGR201 SUSE Manager Basic Operation



Cel szkolenia:

This three day course focuses on the types of day-to-day administrative tasks that SUSE Manager makes easy to complete and monitor. Generally, the major topics that are discussed in detail are:

- Exploring the SUSE Manager (SUMA) Web UI Management Console
- Implementing Channel Management
- Delegating Management Authority in SUMA
- Managing Minions using Salt commands
- Performing common administrative activities.

Attendees will be taught the following concepts and skills:

- Review the SUMA Architectural Components (SUMA Server, SUMA Proxy Server, and Managed Clients)
- Understand the parts of the SUMA Web UI and how to access it
- Using the SUMA Web UI to:
 - Get an overview of your entire SUMA system via the Visualization feature
 - Locate desired managed clients by using the Web UI's advanced search capabilities
 - View the system details of managed clients
- Understand the Registration Process and what occurs during Registration
- Create, configure, and manage Registration related object such as Activation Keys, Channels, System Groups, and Salt Keys
- Plan for, and implement Registration using the Web UI and bootstrap scripts
- Implement Channel Management:
 - Learn Channel related terminology and channel types
 - Clone Channel content
 - Implement Configuration Channels
 - Understand and implement Content Lifecycle Management (CLM)
- Learn how to delegate management authority in SUMA:
 - Understand how and why additional SUMA Organizations may need to be created
 - Establishing trust between SUMA Organizations
 - Learn about the Administrative Roles and Permission Roles that can be created and

- assigned to manage SUMA resources
- Creating new Web UI administrative users
- Manage client servers using Salt:
 - Define Salt and understand its architecture
 - Understand Salt grains, pillars, and states
 - Learn how to leverage the salt, salt-run, salt-call, and salt-key commands
- Perform common administrative tasks such as:
 - Using the Web UI to execute commands on remote client servers
 - Using the System Set Manager (SSM) to perform management activities on multiple client servers at one time
 - Creating and using Action Chains
 - Understand and use various methods for installing RPM packages on client servers

This course is designed for:

- **Server System Administrators** who are tasked with day-to-day server management and support.
- **Senior System Administrators** who are typically 2nd or 3rd level support within their company and act as “team leads” for Server System Administrators.
- **Consultants** that need to understand how SUSE Manager can significantly lessen the administrative burden of managing hundreds or even thousands of servers.

Plan szkolenia:

- Course Overview
- S Review SUSE Manager (SUMA) 4 Architecture and Configuration
 - Review SUMA Architectural Components
 - Review the SUMA 4 Initial Setup process
- Using the Web UI to Explore your SUSE Manager Environment
 - Introduction to the SUMA Web UI
 - Visualizing your entire SUMA System at a glance
 - Locating and viewing information about managed clients
- Understanding the Registration Process
 - Understanding the importance of Registration
 - Managing Registration-related Objects
 - Planning for Registration
 - Introduction to Registration Methods

- Using the Registration Methods to register target servers
- Implementing Channel Management
 - Understanding Channel Related Terminology
 - Cloning Channel Content
 - Implementing Custom Channels
 - Understanding Content Lifecycle Management
- Delegating Management Authority in SUSE Manager
 - Defining SUSE Manager “Organization”
 - Understanding the Administrative Roles in SUMA
 - Understanding Permission Roles and their capabilities
 - Using the Web UI to manage Users and Grant Permissions
- Managing Salt Minions in SUMA
 - Understanding Salt and its Architecture
 - Configuration Files used by Salt and SUMA
 - Understanding the types of Salt Commands
 - Using the **salt** command
 - Using the **salt-run** command
 - Using the **salt-call** command
 - Using the **salt-key** command
- Performing other Common Administrative Tasks in SUMA
 - Using the Web UI to execute Remote Commands
 - Leveraging the System Set Manager (SSM) to affect many managed servers at once
 - Implementing Action Chains
 - Using Configuration File Management in SUMA
 - Scheduling Highstate enforcement

Wymagania:

Attendees should have the following experience and skills before attending this class:

- Installing and configuring SUMA Servers and Proxy Servers is only reviewed in this training. The attendee is assumed to be responsible day-to-day management. However, detailed information on installation and initial configuration of SUMA is presented in course **SMGR211v4: SUSE Manager 4 Deployment and Initial Configuration**. But attendance in SMGR211v4 is helpful, not required to be successful in this class
- Have at least one year’s experience managing Linux operating systems
- Be able to work at the Linux command-line and use the vi editor
- Understand how to manually install packages on SUSE Linux Enterprise servers.

Poziom trudności



Certyfikaty:

The participants will obtain certificates signed by SUSE.

Prowadzący:

Certified SUSE Trainer.