SUSE Multi-Linux Manager 5 Operations (SMGR201V5)

ID SMGR201V5 **Price** CHF 1,890.—(excl. VAT) **Duration** 3 days

Who should attend

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.

This course is part of the following Certifications

SUSE Certified Administrator in SUSE Multi-Linux Manager (SCA SMLM5)

Prerequisites

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

- Installing and configuring Management Servers and Proxy Servers is only reviewed in this training. The attendee is assumed to be responsible for day-to-day management. However, detailed information on installation and initial configuration of SUMASUSE Multi-Linux Manager is presented in course SMGR211v5: SUSE Multi-Linux Manager 5 Deployment.
- At least one year’s experience managing Linux operating systems
- Ability to work at the Linux command-line and use the vi editor
- Understanding of how to manually install packages on SUSE Linux Enterprise servers.

Course Objectives

Attendees will learn to:

- Describe the methods used to register a target system
- Create and clone the various types of Channels that exist in SUSE Multi-Linux Manager
- Manage the testing of updates and patches using the Content Lifecycle Management component
- Understand the containerized architecture of SUSE Multi-Linux Manager and its effects on day-to-day operations
- Define the administrative roles available and utilize those roles to delegate management responsibility for organizations and the resources within those organizations
- Use the Web UI to execute commands on one or more managed system
- Create and run Action Chains that will perform a series of actions on multiple managed systems concurrently
- Enforce the Highstate or a Custom State on a managed system
- Select a group of systems to manage based on common characteristics or system group membership
- Obtain detailed system information about any system managed by SUSE Multi-Linux Manager

Course Content

Section 1: Course Overview

Section 2: SUSE Multi-Linux Manager Architecture

Section 3: SUSE Multi-Linux Manager Web UI

Section 4: Understanding the Registration Process

- Understanding the importance of Registration
- Managing Registration-related Objects
- Planning for Registration
- Introduction to Registration Methods
- Using the Registration Methods

Section 5: Channel Management

- Understanding Channel Related Terminology
- Cloning Channel Content
- Implementing Custom Channels
- Understanding Content Lifecycle Management

Section 6: 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

Section 7: Managing Salt Minions in SUMA

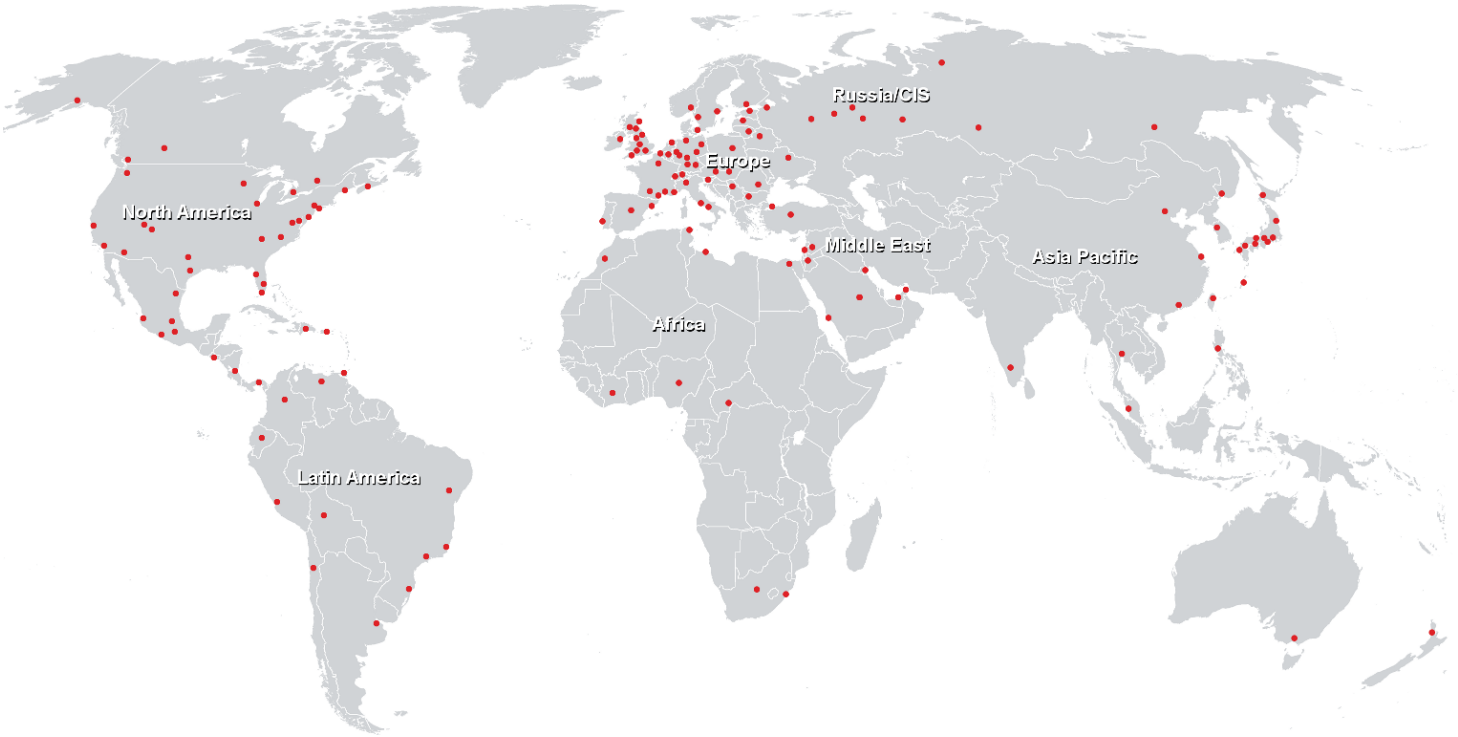
- Understanding Salt and its Architecture
- Configuration Files used by Salt and SUMA
- Understanding the types of Salt Commands
- Using the salt command
- Using the salt-run command
- Using the salt-call command
- Using the salt-key command

Section 8: 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 (both Configuration Channels and State Channels)
- Scheduling the enforcement of the Highstate and Recurring Custom States
- Understanding Subscription Matching
- Using SUSE Manager in a Public Cloud

SUSE Multi-Linux Manager 5 Operations (SMGR201V5)

Training Centres worldwide





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