SUSE Manager Deployment and Initial Configuration

Category: Infrastructure & IT Operations | **Vendor:** SUSE

Duration: 24.00 hours (3 days) **19.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Certification: Certified Deployment Specialist (SCDS) in SUSE Manager 4

Course Overview

This three-day course is intended to teach the student the purpose, features, and benefits of SUSE Manager (SUMA) 4.x. The course will present the three-tier architecture of a SUMA System and the requirements for successfully installing these architectural components.

You will learn how to deploy and configure all the architectural components of a SUSE Manager (SUMA) 4.x system in a step-by-step fashion. In particular you will learn how to install and configure the SUMA Server, the SUMA Proxy Server, and the Salt Minion code for target client servers.

This training will enable you to setup a functional SUMA system to begin exploring the myriad of management capabilities SUMA provides for your managed client servers. Regardless of the size of your organization, this course will get you up and running with a fully functional SUSE Manager 4.x system.

This course prepares students for the SUSE Certified Deployment Specialist (SCDS) in SUSE Manager 4 certification exam.

About This Course

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Who Should Attend

This course is designed for those that are new to SUSE Manager. In particular for:

- system architects leading the deployment of SUSE Manager across their organization
- and Linux system administrators who want an efficient and effective way to manage their Linux servers centrally rather than individually as a bunch of separate servers.

Prerequisites & Entry Requirements

General Prerequisites:

Attendees should have:

- familiarity with the Linux Command Line
- at least a year of Linux System Administration experience
- and some bash scripting skills.

SUSE Certified Administrator (SCA) in SUSE Linux Enterprise Server 15 or above, or the equivalent level of experience is recommended.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

During this course you will learn the following:

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- Understand the system management challenges, and need for a comprehensive systems management solution.
- Understand the benefits of SUSE Manager 4.x.
- Learn about the new product features introduced in SUSE Manager 4.2.
- Understand the three different tiers of a fully deployed SUSE Manager system and learn the major software components of SUSE Manager and how relate to one another.
- Learn the hardware and software requirements for installing the various tiers of the SUSE Manager system.
- Understand how to perform an on-line installation of SUSE Manager Server.
- Understand the purpose of the two stages (Initial Setup and SUMA Administrative Setup) of the SUMA Setup procedure.
- Learn how to perform the Initial Setup whether your SUMA Server was installed in “text only” or “graphical mode”.
- Perform the SUMA Administrative Setup using the SUMA Web UI.
- Understand the importance of the SUSE Customer Center (SCC) in providing patch and update content for your SUMA Server.
- Learn how to sync SCC provided content down to your SUMA Server using the Web UI’s Setup Wizard and be able to monitor the progress of the synchronization process.
- Understand the pre-installation issues and hardware and software requirements for a SUMA 4.2 Proxy Server.
- Install a SUMA 4.2 Proxy Server and register the Proxy as a Salt Minion.
- Understand how to configure a SUMA 4.2 Proxy Server to make it function as a Proxy Server for downstream client servers.
- Understand the purpose of the Client Registration Process and what occurs during Registration.
- Planning you need to do prior to registering target client systems, in particular how to make SCC channel content available once systems have been registered.
- Learn how to manually create Bootstrap Repositories required for Client Registration.

- Create and configuring System Groups and Activation Keys and best practices for doing so.
- Learn the different methods that can be used to Register target client servers.
- Perform Client Registration using multiple methods.
- Understand what a Salt Key is and the methods to accept pending Salt Keys at your SUMA Server.
- Understand how to create and implement a Content Lifecycle Management strategy to manage patches and updates for registered client systems.

Detailed Course Outline

- Section 1: Course Introduction
- Section 2: Introduction to SUSE Manager

- Addressing the Need for Systems Management
- SUSE Manager: Commitment to Open Source
- Benefits of SUSE Manager
- New Features in SUSE Manager 4.2
- Section 3: Architecture and Installation of SUSE Manager

- Understand the Architecture of SUSE Manager 4.x
- Understand Installation Requirements of SUSE Manager 4.x
- Perform an Online Installation of SUSE Manager 4.x Server
- Section 4: Initial Setup and Configuration of SUSE Manager Server

- Understand the Purpose of the SUSE Manager Setup Procedure
- Perform the SUSE Manager Setup Procedure
- Sync Products from the SCC
- Section 5: Installation and Configuration of SUMA Manager Proxy Server

- Understand the Purpose of the SUSE Manager Proxy Server
- Understand Pre-Installation Considerations and Installation Requirements of a SUSE Manager Proxy Server
- Perform a SUSE Manager Proxy Server Installation

- Register a SUSE Manager Proxy Server as a Salt Minion
- Learn How to Configure a SUSE Manager Proxy Server
- Section 6: Registering Client Systems

- Understand the Purpose of Client Registration
- Plan and Prepare to Register Client Systems
- Configuring Activation Keys
- Overview of the Registration Methods
- Using the Various Registration Methods
- Accept Pending Salt Keys
- Section 7: Introduction to Content Lifecycle Management

- Understand the Content Lifecycle Management (CLM) Terminology
- Understand CLM Relation Operations
- Implement a CLM Strategy

Skills You Will Learn:

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Frequently Asked Questions

Q: What delivery options are available for SUSE Manager Deployment and Initial Configuration?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The SUSE Manager Deployment and Initial Configuration course helps prepare you for the Certified Deployment Specialist (SCDS) in SUSE Manager 4 certification path.

Q: How many CPD hours does this course provide?

The 3-day SUSE Manager Deployment and Initial Configuration course provides up to 19.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the SUSE Manager Deployment and Initial Configuration training?

The training takes place over 3 day(s), with each day lasting approximately 24.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for SUSE Manager Deployment and Initial Configuration?

Yes, we provide corporate training, dedicated training, and closed classes for SUSE Manager Deployment and Initial Configuration. Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: What related terms do people search for?

Popular related searches include: SUSE Manager Deployment and Initial Configuration, IT Infrastructure Management, SMGR211V4

Q: Why choose Nexus Human for SUSE Manager Deployment and Initial Configuration?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your SUSE Manager Deployment and Initial Configuration training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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