SUSE Linux Enterprise Server 15 Deployment

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

Duration: 16.00 hours (2 days) **13.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Course Overview

This course is designed for those who deploy, or will be deploying, SUSE Linux Enterprise Server locally on bare metal, virtualized, or into a public or private cloud, including Azure, AWS, or GCE.

Students will learn basic installation techniques using the unified installer, as well as more advanced AutoYaST and image-based deployments.

About This Course

Section 1: Overview of Deployment Technologies

- Bare Metal Technologies
- Cloud Deployments
- Automation and Imaging

Section 2: Automated Installation with AutoYaST

- Installation Services

- SLES Installation Server
- DHCP
- TFTP
- PXE
- Understand AutoYaST

- Prepare for an AutoYaST Installation
- The Control File
- PXE and AutoYaST
- AutoYast Scripts, Rules, and Classes

Section 3: Image Based Deployment with KIWI

- Overview of KIWI
- Installing KIWI
- Basic KIWI Workflow
- Building KIWI Images
- Customizing the Boot Process
- The KIWI Image Description File
- Advanced Configuration Options
- KIWI Image Maintenance

Section 4: Cloud Deployment

- Available Cloud Providers
- Images in the Cloud
- Deploying to the cloud

- GCE
- Azure
- AWS

Who Should Attend

This course is designed for those who have experience administering SUSE Linux Enterprise Server or other Linux distributions.

Prerequisites & Entry Requirements

General Prerequisites:

Students should be proficient in the use of the Bash shell, understand basic use-cases for deployment types, and be comfortable installing operating systems. Linux experience is required.

Learning Outcomes

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

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

- Understanding current deployment technologies
- How to deploy with AutoYaST

- Configuring installation services: DHCP, PXE, Installation Servers
- Automating an installation with AutoYaST
- Image based deployment with KIWI

- Basic layout and function of a KIWI XML file
- Deploying to the cloud

- Azure introduction
- AWS introduction
- GCE introduction
- Images found in the public cloud marketplaces
- Deploying to Azure, AWS, and GCE

Skills You Will Learn:

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

- Understanding current deployment technologies
- How to deploy with AutoYaST

- Configuring installation services: DHCP, PXE, Installation Servers
- Automating an installation with AutoYaST
- Image based deployment with KIWI

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Frequently Asked Questions

Q: What delivery options are available for SUSE Linux Enterprise Server 15 Deployment?

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: How many CPD hours does this course provide?

The 2-day SUSE Linux Enterprise Server 15 Deployment course provides up to 13.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the SUSE Linux Enterprise Server 15 Deployment training?

The training takes place over 2 day(s), with each day lasting approximately 16.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for SUSE Linux Enterprise Server 15 Deployment?

Yes, we provide corporate training, dedicated training, and closed classes for SUSE Linux Enterprise Server 15 Deployment. 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 Linux Enterprise Server 15 Deployment, SUSE Linux Enterprise Server, SLE211V15

Q: Why choose Nexus Human for SUSE Linux Enterprise Server 15 Deployment?

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 Linux Enterprise Server 15 Deployment 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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