SLE211
SUSE Linux Enterprise Server 15 Deployment

Description:

This course is designed to present current deployment technologies for those who want to deploy SLES on bare metal systems, in virtual environment or into Public Cloud platforms. Students will learn and perform basic installation using the unified installer along with more advanced deployment using AutoYaST and image-based deployment with images built using the KIWI tool.

Students will be able to:

- Preparing for SLES deployment
- Methods for deploying SLES
- Manual deployment of SLES
- Automated installation with AutoYaST
- Image based deployment using KIWI
- Deploying SLES to the Public Cloud platforms

Course requirements:

- Attendees should be familiar with using the Bash shell and the vim text editor, understand basic networking concepts and terminology. Previous experience with using Linux is required.

This course is intended for:

This course is designed for system administrators, consultants, technical sales representatives and support engineers.

Literature:

All participants will get original SUSE Linux materials.

Hardware:

Classrooms are equipped with high-performance computers with Internet access and the possibility of wireless connection.

Syllabus:

Section 1: Course Overview

Section 2: Preparing for SLES Deployment

- Overview of Deploying SLES
- Supported Platforms
- SUSE Customer Center

- Product Lifecycle
- Access the Product Packages
- Technology Previews
- Products, Modules and Extensions

Section 3: Methods for Deploying SLES

- Overview of Deployment Methods
- Deployment Methods
- Deployment Infrastructure
- Deployment Services

Section 4: Manual Deployment of SLES

- Overview of the Manual Deployment Process
- Prepare for a Manual Installation
- Deploy SLES Manually
- Access a System during the Deployment
- Remote installation Process

Section 5: Automated Deployment of SLES using AutoYaST

- Introduction to AutoYaST
- AutoYaST Components

Section 6: Image Based Deployment of SLES Using KIWI

- Overview of KIWI
- KIWI Basic Workflow
- KIWI Build Host
- KIWI Image Description File
- Building KIWI Images
- KIWI Image Maintenance

Section 7: Deploying SLES to the Public Cloud

- Overview of the Public Cloud
- Introduction to the Cloud Deployment Process
- Prepare for Deployment
- Bring Your Own Subscription or Pay As You Go?
- Cloud Images
- Deploy SLES to the Public Cloud
- Manual Instance Deployment in the Cloud
- Automated Deployment Tools
- Post Deployment Configuration