SLE211

SUSE Linux Enterprise Server 15 Deployment

Description:

<p>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.</p>

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:

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

Literature:

<p>All participants will get original SUSE Linux materials.</p>

Hardware:

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

Syllabus:

<h3>Section 1: Course Overview</h3>
<h3>Section 2: Preparing for SLES Deployment</h3>

Overview of Deploying SLES
Supported Platforms
SUSE Customer Center
Product Lifecycle
Access the Product Packages
Technology Previews
Products, Modules and Extensions

<h3>Section 3: Methods for Deploying SLES</h3>

Overview of Deployment Methods
Deployment Methods
Deployment Infrastructure
Deployment Services

<h3>Section 4: Manual Deployment of SLES</h3>

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

<h3>Section 5: Automated Deployment of SLES using AutoYaST</h3>

Introduction to AutoYaST
AutoYaST Components

<h3>Section 6: Image Based Deployment of SLES Using KIWI</h3>

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

<h3>Section 7: Deploying SLES to the Public Cloud</h3>

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