SUSE Edge 3 Platform Deployment (EDGE211V3)

ID EDGE211V3 **Price** CHF 2,050.—(excl. VAT) **Duration** 3 days

Who should attend

This course is designed for systems administrators responsible for provisioning edge cluster nodes and deploying Kubernetes clusters on them. The key component used for this is Edge Image Builder and output images it creates.

Prerequisites

A good understanding and experience working with Kubernetes clusters is essential. Operating skills on Linux terminal shells and managing YAML files are also required.

Course Objectives

Attendees will be taught the following concepts and skills:

- Understanding of edge computing and SUSE Edge platform concepts and benefits
- Functionality and features of Edge Image Builder
- Manual edge management with standalone provisioning
- Building and deployment of an edge management cluster
- Phone Home edge cluster on-boarding with Elemental
- Fully automated cluster management with Directed Network provisioning using Metal3 and Cluster API
- Introduction to edge configuration specifics for SUSE Edge for Telco

Course Content

Section 1: Course Overview

Section 2: Introduction to SUSE Edge

- Introduction to Edge Computing
- Introduction to SUSE Edge SUSE Edge 3 Software Components

Section 3: Edge Image Builder

- Introduction to Edge Image Builder
- Edge Image Builder Configuration
- Run Edge Image Builder Directed Network Provisioning
- Troubleshoot Edge Image Builder

Section 4: Standalone Provisioning

- Provision a Standalone Downstream Cluster

Section 5: SUSE Edge Management Cluster Deployment

- Introduction to the SUSE Edge Management Cluster
- Create an ISO Image for the Management Cluster
- Provision the SUSE Edge Management Cluster
- Troubleshoot the Management Cluster Provisioning
- Management Cluster Lifecycle Operations

Section 6: Phone Home Provisioning

- Phone Home Provisioning in Command Line
- Phone Home Provisioning with SUSE Rancher Prime

Section 7: Directed Network Provisioning

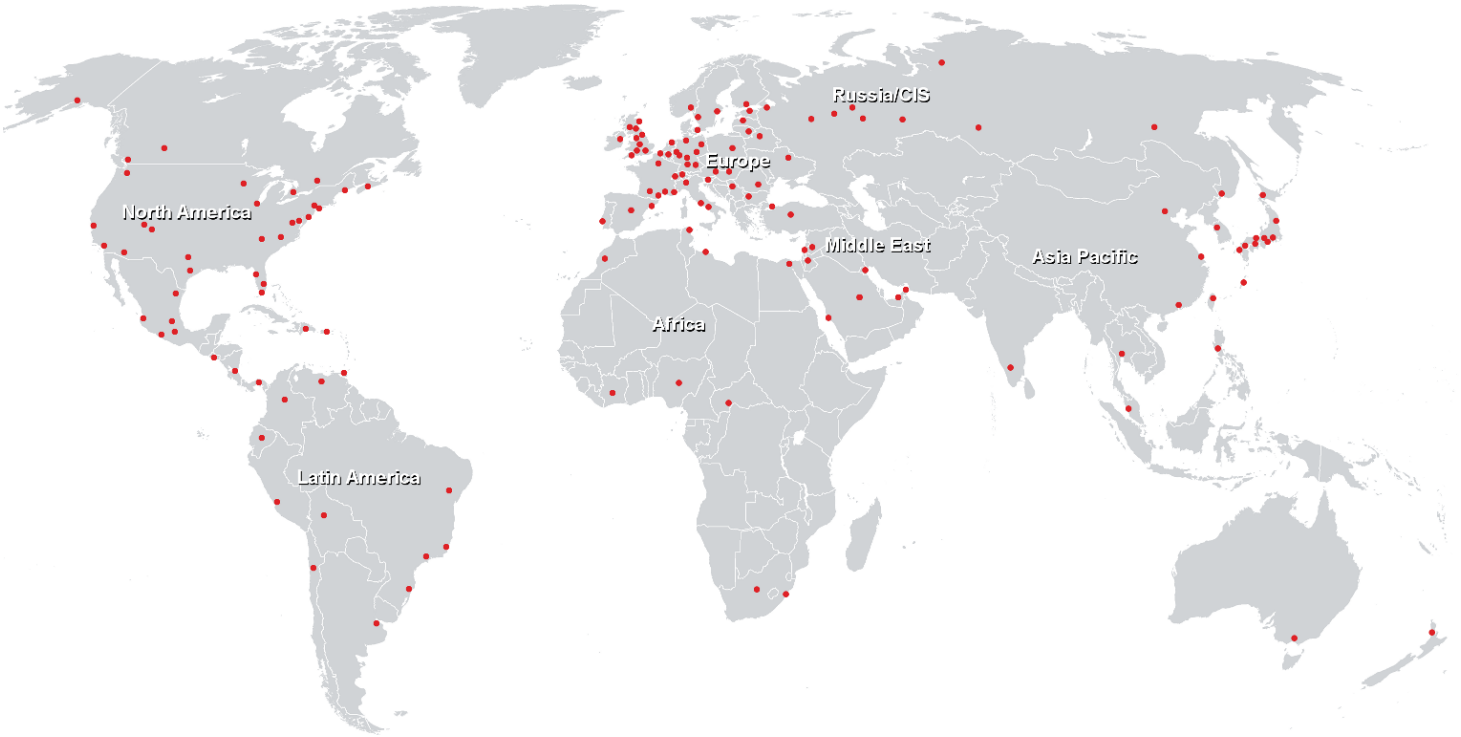
- Directed Network Provisioning with Metal3 and Cluster API
- Provision a Non-HA Downstream Cluster
- Provision a Multi-Node Downstream Cluster

Section 8: Provisioning Telco Downstream Clusters with SUSE Edge for Telco

- Radio Access Networking at the Edge
- SUSE Edge for Telco
- Provisioning Telco Downstream Clusters

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Training Centres worldwide





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