SUSE Certified Deployment Specialist in Rancher Kubernetes Engine 2

Second day at SUSECON 23 in Munich, second Exam passed: **SCDS in Rancher Kubernetes Engine 2**. After passing SCA in NeuVector 5 yesterday, I can remove another one from my list. Let's see if I can also clear *SCDS in Rancher Manager 2.7 for Rancher Prime* tomorrow.

Summary: Thorough understanding in deploying, backing up, restoring, and upgrading Kubernetes clusters with RKE2 in a professional setting.

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Skills

- Requirements for RKE2 Deployment

- RKE2 Architecture and Design Concepts

- Installation of RKE2 Clusters

- RKE2 Installation Methods

- RKE2 Manual Installation

- RKE2 Installation with the Installer Script

- RKE2 Configuration Options

- Multi-node and Highly Available RKE2 Clusters

- Installation of RKE2 Clusters with Auto Deployed Services

- Kubernetes Addons

- Helm Integration in RKE2

- Configuring Deployment of Addons During the RKE2 Cluster Install

- Installation of RKE2 Clusters with Advanced Networking

- Cluster Networking Options in RKE2

- Configuring Cluster Networking in RKE2

- Configuring RKE2 to Provide Multiple Network Interfaces to Pods

- Installation of CIS Hardened RKE2 Clusters

- Installation of Air-gapped RKE2

- Basic etcd Concepts
- RKE2 Backup and Recovery Concepts
- Back Up an RKE2 Cluster
- Restore an RKE2 Cluster
- Upgrading RKE2 Clusters
- Upgrading RKE2 Clusters in an Air-gapped Environment

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