

# SUSE Certified Deployment Specialist in SLES High-Availability 15

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SUSE invited me as Beta tester for the new **SUSE Certified Deployment Specialist in SLES High-Availability 15** Exam. It was my pleasure to provide feedback and help to improve the Exam. Nice side effect that I also passed :) One more to go before I'm back at 100% SUSE certified ;)

Preparation was as usual, I mainly used the official SUSE Lecture and Lab Guide. I like to read them on my tablet at the evening and find that more convenient than watching videos.

## Summary:

Demonstrates knowledge of how to plan the deployment of an HA cluster, deploy the cluster and perform post deployment configuration and testing.

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## Skills

- Cluster Terminology
- High Availability Extension's Components
- SLE HA in the Public Cloud
- Overview of SLE15 HA Implementation Process
- Collect the Required Parameters
- Planning Storage
- 2 Node Clusters
- Designing Test Cases
- Testing and Documentation
- Local Filesystems
- Preparing the Infrastructure
- Cluster Networking
- Bonding Configuration
- Time Synchronization
- Name Resolution
- User Management

- Software Management for the HA Environment
- Deploy the First Cluster Node
- Deploy the Second Cluster Node
- Configure Fault Tolerance for corosync Communications
- Advanced Quorum Configuration with Qdevice and QNetd
- Hawk
- Command Line Tools
- Configure and Synchronize files with csync2
- Split Brain in a Cluster
- Fencing
- STONITH - Shoot the other Node in the Head
- Prepare a System to become a Cluster Node
- Prepare the Cluster for the New Node
- Add a Node to the Cluster
- Update the Cluster Configuration

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## Certificate

- Downloads
  - [Certificate \(ID 200\)](#) (PDF, 39.7K)
- Links
  - [Verify Certificate](#)
  - [SUSE Badges](#)