

Clustering with the SUSE Linux Enterprise High Availability Extension and a SAN

Course Outline

SECTION 1 - Introduction to HA Clustering in SLE11

- Objective 1: Lab Environment Overview
- Objective 2: Cluster Terminology
- Objective 3: Overview of SLE HA
- Objective 4: SLE HA ArchitectureM

SECTION 2 - Install and Configure HA Clustering in SLE11

- Objective 1: HA Daemon Configuration Overview
- Objective 2: Important Files and Directories
- Objective 3: Configure the HA Daemon

SECTION 3 - Introduction to the Cluster Information Base

- Objective 1: Introduction to Cluster Management Utilities
- Objective 2: Overview of Cluster Resources
- Objective 3: Resource Agents
- Objective 4: Cluster Resources

SECTION 4 - Introduction to Cluster Resources

- Objective 1: Introduction to Cluster Management Utilities
- Objective 2: Overview of Cluster Resources
- Objective 3: Resource Agents
- Objective 4: Cluster Resources

SECTION 5 - Manage Clustered Storage with a SAN

- Objective 1: Introduction to Clustered SAN Storage
- Objective 2: SAN Alternatives
- Objective 3: Configure Storage Cluster Resources

SECTION 6 - Split-Brain Avoidance and Management

- Objective 1: Overview of Split-Brain Avoidance and Management
- Objective 2: Resource Fencing
- Objective 3: Node Fencing

SECTION 7 - Configure Safe Logical Clustered Storage

- Objective 1: Manage Flexible Storage in a Clustered Environment
- Objective 2: Manage Flexible Storage on the SAN
- Objective 3: Manage Flexible Storage on the Cluster Nodes
- Objective 4: Components of the Highly Available Storage Infrastructure

SECTION 8 - Configure Active-Active Clustered Storage

- Objectives 1: Introduction to OCFS2
- Objectives 2: OCFS2 Architecture
- Objectives 3: Configure an OCFS2 Cluster
- Objectives 4: Install and Tune an OCFS2 File System
- Objectives 5: Mount an OCFS2 File System