

# Red Hat Certificate of Expertise in Clustering and Storage Management exam (EX436)

## Outline for this course

### 1. Clusters and storage

Get an overview of storage and cluster technologies.

### 2. iSCSI configuration

Set up and manage iSCSI.

### 3. UDEV

Learn basic manipulation and creation of udev rules.

### 4. Multipathing

Combine multiple paths to SAN devices into one fault-tolerant virtual device.

### 5. Red Hat high-availability overview

Learn the architecture and component technologies in the Red Hat® High Availability Add-On.

### 6. Quorum

Understand quorum and quorum calculations.

### 7. Fencing

Understand fencing and fencing configuration.

### 8. Resources and resource groups

Understand rgmanager and the configuration of resources and resource groups.

### 9. Advanced resource management

Understand resource dependencies and complex resources.

### 10. Two-node cluster issues

Understand the use and limitations of two-node clusters.

### 11. LVM management

Review LVM commands and Clustered LVM (CLVM).

### 12. Global File System 2

Understand the GFS2 file system and use tools to create, maintain, and troubleshoot it.

### 13. XFS

Explore the features of the XFS® file system and tools required for creating, maintaining, and troubleshooting.

### 14. Red Hat Storage

Work with Gluster to create and maintain a scale-out storage solution.

### 15. Comprehensive review

Set up high-availability services and storage.