

## **RH436 Syllabus**

### **Manage Red Hat Enterprise Linux deployments**

#### **Clusters and storage**

Get an overview of storage and cluster technologies.

#### **ISCSI configuration**

Set up and manage iSCSI.

#### **UDEV**

Learn basic manipulation and creation of udev rules.

#### **Multipathing**

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

#### **Red Hat high-availability overview**

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

#### **Quorum**

Understand quorum and quorum calculations.

#### **Fencing**

Understand Fencing and fencing configuration.

#### **Resources and resource groups**

Understand rgmanager and the configuration of resources and resource groups.

## **Advanced resource management**

Understand resource dependencies and complex resources.

## **Two-node cluster issues**

Understand the use and limitations of 2-node clusters.

## **LVM management**

Review LVM commands and Clustered LVM (clvm).

## **Global File System 2**

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

## **XFS**

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

## **Red Hat Storage**

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

## **Comprehensive review**

Set up high-availability services and storage.