RED HAT HIGH AVAILABILITY CLUSTERING WITH EXAM (RH437)

Course Code: 1232

Gain a better understanding of storage management, Red Hat Cluster Suite, and the shared storage technology delivered by Red Hat Global File System (GFS).

Created for senior Linux® system administrators, this four-day course strongly emphasizes lab-based activities. You'll learn how to deploy and manage shared storage and server clusters that provide highly available network services to a mission-critical enterprise environment.

This course also helps you prepare for the Red Hat Certificate of Expertise in High Availability Clustering exam (EX436). This version of the course includes the exam.

This course is comprised of RH436 and EX436. If you are not looking for private group training, the updated schedule for this course can be found on the Title RH436 page or call your training advisor for more information.

Note: Global Knowledge and Red Hat do not guarantee that anyone who takes one or all of the courses in the Red Hat certification program will pass a Red Hat exam. On-the-job experience, in combination with high-quality training, is the best way to build skills and prepare for a Red Hat exam. The exam itself is a hands-on learning experience, and many of those who do not pass on the first try come away with knowledge of what they need to work on to pass the exam on a re-take.

Certification:

Upon passing the exam, you'll receive a Certificate of Expertise for Clustering Storage Management. This exam is one of three that are required to earn a Red Hat Certified Data Center Specialist (RHCDS) certification and one of five exams needed to earn a Red Hat Certified Architect (RHCA) certification.

What You'll Learn

- Install and configure the Red Hat High Availability Add-On
- Create and manage highly available services
- Work with shared storage (iSCSI) and configure multipathing
- Configure GFS2 file systems
- Configure XFS© file systems

- Work with the Red Hat Storage Server

Who Needs to Attend

- Senior Linux system administrators responsible for maximizing resiliency though high-availability clustering services and using fault-tolerant shared-storage technologies

Prerequisites

You must be a current RHCE to take this course and exam RH255, RH300, EX200 & EX300

skillsoft global knowledge™

RED HAT HIGH AVAILABILITY CLUSTERING WITH EXAM (RH437)

Course Code: 1232

CLASSROOM LIVE	$6,052 CAD	5 Day

Classroom Live Outline

1. Clusters and Storage
   - Get an overview of storage and cluster technologies.
2. Create High-Availability Clusters.
   - Review and create the architecture of Pacemaker-based high-availability clusters
3. Nodes and Quorum
   - Review cluster node membership and how quorum is used to control clusters.
4. Fencing
   - Understand fencing and fencing configuration.
5. Resource Groups
   - Create and configure simple resource groups to provide high-availability services to clients
6. Troubleshoot High-Availability Clusters
   - Identify and troubleshoot cluster problems
7. Complex Resource Groups
   - Control complex resource groups by using constraints
8. Two-Node Clusters
   - Identify and work around two-node clusters issues
9. ISCSI Initiators
   - Manage iSCSI initiators for access to shared storage
10. Multipath Storage
    - Configure redundant storage access

11. Logical Volume Manager (LVM) Clusters
    - Manage clustered LVM
12. Global File System 2
    - Create symmetric shared file systems
13. Eliminate Single Points of Failure
    - Eliminate single points of failure to increase service availability
14. Comprehensive Review
    - Set up high-availability services and storage

Note: The course outline is subject to change with technology advances and as the nature of the underlying job evolves.

RED HAT HIGH AVAILABILITY CLUSTERING WITH EXAM (RH437)

Course Code: 1232

PRIVATE GROUP TRAINING	5 Day

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.

Date created: 8/30/2025 6:07:31 AM