RED HAT ENTERPRISE CLUSTERING AND STORAGE MANAGEMENT

CREATE, TEST, AND MAINTAIN JAVA EE-COMPLIANT APPLICATIONS FROM START TO FINISH.

COURSE OVERVIEW

The Red Hat® Enterprise Clustering and Storage Management (RH436/RH437) training course provides intensive, hands-on experience with storage management, the Red Hat High Availability Add-On, and the shared storage technology delivered by Red Hat Global File System 2 (GFS2) and Red Hat Enterprise Storage. Created for senior Linux® system administrators, this four-day course has a strong emphasis on lab-based activities. This course will teach you how to deploy and manage shared storage and server clusters that provide highly available network services to a mission-critical enterprise environment.

A current Red Hat Certified Engineer (RHCE®) who successfully completes this course is prepared to take the Red Hat Enterprise Clustering and Storage Management Expertise Exam (RH436).

AUDIENCE

- Senior Linux system administrators responsible for maximizing resiliency though high availability clustering services using fault-tolerant shared-storage technologies
- RHCEs interested in earning Red Hat Certificates of Expertise, Red Hat Certified Datacenter Specialist (RHCDS), and Red Hat Certified Architect (RHCA)

PREREQUISITES

- Red Hat Certified Engineer (RHCE) certification is required to take the exam (EX436) or to enroll in a version of this course that includes the exam (RH437)
- For candidates who wish to take this course without the exam (RH436) and who have not earned their RHCE certifications, confirmation of the correct skill-set knowledge can be obtained by passing the online assessment at **redhat.com/training/skills_assessment/**

FORMAT	LENGTH	PRICE*
Classroom with exam** RH437	5 days	$3,500 12 training units
Classroom*** RH436	4 days	$3,200 11 training units
Exam** EX436		$600 2 training units
Team on-sites	Contact a training specialist for a quote at 866-626-2994	

* Price subject to change.
** You must be an RHCE to qualify for the exam.
*** Course does not include exam. Exam sold separately.

COURSE DETAILS

Clusters and storage

Overview of storage and cluster technologies

ISCSI configuration

Setup 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 two-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 filesystem and the 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

WAYS TO TRAIN

Whether you need to train a team of IT professionals, or just yourself, Red Hat offers a variety of learning styles, delivery methods, certifications, savings programs, and customized solutions to maximize return on your Red Hat Enterprise investment.

Classroom training

Red Hat offers a robust six-month schedule of classroom training in more than 40 locations across North America. That convenience, combined with our high-quality classroom experience and instructor expertise, helps ensure companies and individuals will achieve their training goals.

On-site team training

Whether at your offices, our training venues, or hosted in a virtual environment, on-site training solutions offer flexibility and cost-effective training options. Contact a member

RED HAT CERTIFICATIONS

Red Hat Enterprise Clustering and Storage Management Expertise Exam (EX436)

This performance-based exam test the skills covered in the Red Hat Enterprise Clustering and Storage Management training course. In order to enroll in this exam, candidates must hold a current RHCE certification.

An RHCE that passes this exam will have earned a Certificate of Expertise. This Certificate of Expertise counts toward earning RHCDS and RHCA certifications.

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