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Red Hat Enterprise Clustering and Storage Management with Expertise Exam (RH436+EX436)

CODE:	DURÉE:	PRIX H.T.:
REH_437	40 Hours (5 Jours)	€4,090.00

Description

The intensive, hands-on Red Hat® High Availability Clustering (RH436) course teaches 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 Gluster Storage](#).

Objectifs

Created for senior Linux® system administrators, this 4-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.

Content summary

- Install and configure a Pacemaker-based high availability cluster
- Create and manage highly available services
- Troubleshoot common cluster issues
- Work with shared storage (iSCSI) and configure multipathing
- Configure GFS2 file systems

What is a Certificate of Expertise credential?

[Red Hat Certificates of Expertise](#) are specialized credentials available to individuals who pass performance-based exams. The certificates demonstrate skills and knowledge in specialized areas.

Audience

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

Training Development

Clusters and storage

Get an overview of storage and cluster technologies.

Create high-availability clusters.

Review and create the architecture of Pacemaker-based high-availability clusters.

Nodes and quorum

Review cluster node membership and how quorum is used to control clusters.

Fencing

Understand fencing and fencing configuration.

Resource groups

Create and configure simple resource groups to provide high-availability services to clients.

Troubleshoot high-availability clusters

Identify and troubleshoot cluster problems.

Complex resource groups

- Control complex resource groups by using constraints.
- Two-node clusters
 - Identify and work around two-node clusters issues.
- ISCSI initiators
 - Manage iSCSI initiators for access to shared storage.
- Multipath Storage
 - Configure redundant storage access.
- Logical volume manager (LVM) clusters
 - Manage clustered LVM.
- Global File System 2
 - Create symmetric shared file systems.
- Eliminate single points of failure
 - Eliminate single points of failure to increase service availability.
- Comprehensive review
 - Set up high-availability services and storage.

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

Prérequis

If you want to take this course without the exam (RH436) and have not earned your RHCE® certification, you can confirm that you have the necessary knowledge by passing the [online skills assessment](#).

Options

Red Hat Enterprise Deployment and Systems Management (RH401)

Equips senior administrators for large-scale deployment and management of Red Hat Enterprise Linux systems, including Red Hat Network Satellite server.

Red Hat Enterprise Performance Tuning (RH442)

Gives senior administrators the methodology and experience with performance tuning and capacity planning for Red Hat Enterprise Linux.

This course prepares you for these credentials

Red Hat Certified Architect — RHCA

RHCA certification incorporates the skills and knowledge of RHCDS plus advanced networking services security, system monitoring, and performance tuning.

Certificates of Expertise

Certificates of Expertise are incremental credentials attached to an RHCE certification that demonstrate skills and knowledge in specialized areas.

Dates de session

Sur demande. [Merci de nous contacter](#)

Informations

Complémentaires

[Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.](#)