



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# Red Hat Enterprise Clustering and Storage Management

<b>CODE:</b>	<b>DURÉE:</b>	<b>PRIX H.T.:</b>
REH_436	5 Jours	€3,660.00

## 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 \(EX436\)](#).

## 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

## 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 LV.

## 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 Certificate of Expertise in High Availability Clustering exam (EX436)

Hands-on, performance-based, 4-hour exam.

### 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 methodology and experience with performance tuning and capacity planning for Red Hat Enterprise Linux.

## Dates de session

Date	Lieu	Time Zone	Langue	Type	Garanti	PRIX H.T.
08 Aug 2022	Paris	CEDT	English	Instructor Led Online		€3,660.00

## Informations

### Complémentaires

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