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Red Hat Enterprise Clustering and Storage Management

CODE:	DURÉE:	PRIX H.T.:
REH_436	40 Hours (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 though 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$^{\circledR}$ 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

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.