
Red Hat High Availability Clustering

Cursusduur: 4 Dagen **Cursuscode: RH436** **Trainingsmethode: Virtual Learning**

Beschrijving:

Red Hat® High Availability Clustering (RH436) provides intensive, hands-on experience with the Pacemaker component of the Red Hat Enterprise Linux High-Availability Add-On, as well as cluster storage components from the Resilient Storage Add-On, including Cluster Logical Volume Manager (CLVM), Red Hat Global File System 2 (GFS2), and Device-Mapper Multipath.

This course is based on Red Hat Enterprise Linux 7.1.

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 Certified Specialist in High Availability Clustering exam (EX436).

Doelgroep:

Experienced Linux system administrators responsible for managing shared storage across one or more Linux systems and Experienced Linux system administrators responsible for maintaining a high availability service using cluster technology.

Doelstelling:

- Review of Red Hat enterprise clustering and storage management technologies
 - Linux dynamic device management
 - iSCSI
 - Advanced software RAID
 - Device mapper and multipathing
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Vereiste kennis en vaardigheden:

- RHCE certification or equivalent experience

Examens en certificering

- Red Hat Enterprise Clustering and Storage Management Expertise Exam (EX436) Hands-on, performance-based, 4-hour exam.
 - This course prepares you for these credentials:
 - Red Hat Certified Architect — RHCA
 - Red Hat Certified Security Specialist — RHCDS
 - Certificates of Expertise
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Vervolg cursussen:

- RH401, Red Hat Enterprise Deployment and Systems Management
 - RHS333, Red Hat Enterprise Security Network Services
 - RH442, Red Hat Enterprise Performance Tuning
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Cursusinhoud:

<ul style="list-style-type: none">Clusters and storage	<ul style="list-style-type: none">Troubleshoot high-availability clusters	<ul style="list-style-type: none">Logical volume manager (LVM) clusters
Get an overview of storage and cluster technologies.	Identify and troubleshoot cluster problems.	Manage clustered LV.
<ul style="list-style-type: none">Create high-availability clusters	<ul style="list-style-type: none">Complex resource groups	<ul style="list-style-type: none">Global File System 2
Review and create the architecture of Pacemaker-based high-availability clusters.	Control complex resource groups by using constraints.	Create symmetric shared file systems.
<ul style="list-style-type: none">Nodes and quorum	<ul style="list-style-type: none">Two-node clusters	<ul style="list-style-type: none">Eliminate single points of failure
Review cluster node membership and how quorum is used to control clusters.	Identify and work around two-node clusters issues.	Eliminate single points of failure to increase service availability.
<ul style="list-style-type: none">Fencing	<ul style="list-style-type: none">iSCSI initiators	<ul style="list-style-type: none">Comprehensive review
Understand fencing and fencing configuration.	Manage iSCSI initiators for access to shared storage.	Set up high-availability services and storage.
<ul style="list-style-type: none">Resource groups	<ul style="list-style-type: none">Multipath Storage	
Create and configure simple resource groups to provide high-availability services to clients.	Configure redundant storage access.	

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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