
Red Hat High Availability Clustering

Varighed: 5 Days Kursus Kode: RH436 Leveringsmetode: Virtuel deltagelse

Beskrivelse:

Red Hat® Enterprise Clustering and Storage Management (RH436) provides intensive, hands-on experience with storage management, Red Hat Cluster Suite, and the shared storage technology delivered by Red Hat Global File System (GFS). Created for Senior Linux® system administrators, this 4-day course has a strong emphasis on lab-based activities. At the end of the course, students will have learned to deploy and manage shared storage and server clusters that provide highly available network services to a mission-critical enterprise environment.

Målgruppe:

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.

Agenda:

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

- RHCE certification or equivalent experience

Test og 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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Yderligere Kurser:

- 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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Indhold:

1.Review Red Hat® enterprise clustering and storage management technologies

2.Storage Technologies

■ Storage Requirements

- NAS vs SAN
- Configuring an iSCSI initiator
- Configuring an iSCSI target
- Authentication
- udev Rule Configuration
- I/O Scheduler
- Multipath device configuration
- Cluster configuration tools
- Setting up Clustered Logical Volumes
- Lock management
- Planning for and growing on-line GFS
- Monitoring tools
- Journal configuration and management
- Cluster tools
- Failover domains
- Hierarchical resource ordering
- High availability services

3.iSCSI

■ iSCSI as a shared storage device

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5.Device mapper and multipathing

■ Mapping targets

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6.Red Hat Cluster suite overview

■ Design and elements of clustering

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7.Logical Volume Management

■ LVM Review

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9.Quorum and the cluster manager

■ Intracluster communication

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10.Fencing and failover

■ Fencing components

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4. Kernel Device Management

- udev Features

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8. Global File System (GFS) 2 (MOVED UP)

- Implementation and configuration

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11. Quorum disk

- Heuristic configuration

12. Resource Group Manager (rgmanager)

- Resource groups and recovery

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Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

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