

RH436 Red Hat Enterprise Clustering and Storage Management

Course Overview

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 using enterprise-class storage, server, and auxiliary equipment.

Prerequisites:

Rh436 requires the participant to be RHCE certified or possess RHCE level skills.

Target Audience

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

Course Outline

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| <ol style="list-style-type: none">1. Review Red Hat Enterprise Clustering and Storage Management Technologies2. Linux Dynamic Device Management<ul style="list-style-type: none">- udev Features- udev Rule Configuration3. iSCSI<ul style="list-style-type: none">- iSCSI as a Shared Storage Device- Configuring an iSCSI initiator- Configuring an iSCSI target- Authentication4. Advanced Software RAID<ul style="list-style-type: none">- Types and Differences- Monitoring- Optimization Techniques- Growth and High Availability5. Device Mapper and Multipathing<ul style="list-style-type: none">- Mapping Targets- LVM2 Snapshots- Multipath Device Configuration6. Cluster Suite Overview<ul style="list-style-type: none">- Design and Elements of Clustering- Cluster Configuration Tools- Clustered Logical Volumes and Lock Management | <ol style="list-style-type: none">7. Quorum and the Cluster Manager<ul style="list-style-type: none">- Intracluster Communication- Cluster Tools8. Fencing and Failover<ul style="list-style-type: none">- Fencing Components- Failover Domains9. Quorum Disk<ul style="list-style-type: none">- Heuristic Configuration10. Service Manager<ul style="list-style-type: none">- Resource Groups and Recovery- Hierarchical Resource Ordering- High Availability Services11. Global File System (GFS)<ul style="list-style-type: none">- Implementation and Configuration- Lock Management- Planning For and Growing On-line GFS- Monitoring Tools- Journal Configuration and Management |
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Course Duration: Four Days: 10 am - 5.30 pm

Course Fee Rs. 30,000/-

(Plus Service Tax as applicable)