

# Rh436 – Red Hat

## Enterprise Clustering and Storage Management



### CURRICULUM

#### » Storage Technologies & iSCSI Configuration

- SAN vs NAS
- iSCSI Data Access
- iSCSI Target Naming
- Configuring iSCSI Targets
- Configuring iSCSI Initiators

#### » Kernel Device Management

- udev Features
- Configuring udev
- udev rules
- udevmonitor
- Tuning disk queue
- Tuning deadline scheduler
- Tuning anticipatory scheduler
- Tuning noop scheduler
- Tuning cfg scheduler

#### » Device Mapper & Multipathing

- Device Mapper
- dmsetup
- Multipath overview
- Device Mapper Components
- Multipath Configuration

#### » Red Hat Cluster Suite Overview

- Red Hat Cluster Suite
- Cluster Topology
- Clustering Advantages
- Cluster Requirements
- Red Hat Cluster Suite Components
- Security
- Cluster Manager (CMAN)
- Cluster Quorum
- Resource Group Manager (rgmanager)
- luci
- ricci
- Clustered Logical Volume Manager (CLVM)
- Distributed Lock Manager (DLM)
- Fencing

## » Global File System 2 (GFS2)

- Introduction to GFS
- GFS2 Limits
- Creating a GFS2 file system
- DLM
- Mounting a GFS2 file system
- Journaling
- Quotas
- Repairing GFS2 file system

## » Quorum & Disk Manager

- Cluster Quorum
- Two node cluster
- CMAN

## » Fencing & Failover

- Power Fencing vs Fabric Fencing
- SCSI Fencing
- Fencing Methods

## » Quorum Disk

- Quorum Disk Communications
- Quorum Disk Heartbeat and status
- Quorum Disk Heuristics
- Working with Quorum Disk

## » Resource Group Manager (rgmanager)

- Resource Groups
- Resource Group Hierarchy
- Resource Recovery
- Cluster Status
- Troubleshooting

## » Comprehensive Review

Partners :



edexcel

Java



development | consultancy | training

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