

# Red Hat Pacemaker Cluster (RH436)

## Course Content



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## Outline for this course

**32:00 Hours**

### **1.Clusters & Storage**

Get an overview of storage and cluster technologies

### **2.Create high-availability clusters**

Review and create the architecture of Pacemaker-based high availability clusters

### **3.Nodes and quorum**

Review cluster node membership and how quorum is used to control clusters

### **4.Fencing**

Understand fencing and fencing configuration

### **5.Resource groups**

Create and configure simple resource groups to provide high-availability services to clients.

### **6.Troubleshoot high-availability clusters**

Identify & troubleshoot cluster problems

### **7.Automating cluster and resource deployment**

Deploy a new high availability cluster and cluster resources using Ansible automation

### **8.Complex resource groups**

Control complex resource groups by using constraints

## **9. Two-node clusters**

Identify & work around two-node clusters issues

## **10. iSCSI initiators**

Manage iSCSI initiators for access to shared storage

## **11. Multipath Storage**

Configure redundant storage access

## **12. Logical Volume manager (LVM) clusters**

Managed Clustered LV

## **13. Global File system 2**

Create symmetric shared file systems

## **14. Eliminate single points of failure**

Eliminate single points of failure to increase service availability