



RH436: Red Hat High Availability Clustering

Outline for this course:

Clusters and storage

- Get an overview of storage and cluster technologies.

Create high-availability clusters.

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

Nodes and quorum

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

Fencing

- Understand fencing and fencing configuration.

Resource groups

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

Troubleshoot high-availability clusters

- Identify and troubleshoot cluster problems.

Complex resource groups

- Control complex resource groups by using constraints.

Two-node clusters

- Identify and work around two-node clusters issues.

ISCSI initiators

- Manage iSCSI initiators for access to shared storage.

Multipath Storage

- Configure redundant storage access.

Logical volume manager (LVM) clusters

- Manage clustered LV.

Global File System 2

- Create symmetric shared file systems.

Eliminate single points of failure

- Eliminate single points of failure to increase service availability.

Comprehensive review

- Set up high-availability services and storage.