

RH237: Red Hat Gluster Storage Administration with exam

Course Code: RH237

Duration: 3 days

Instructor-led Training (ILT) | Virtual Instructor-led Training (VILT)

OVERVIEW

Deploy scalable, highly available storage on off-the-shelf hardware and in cloud environments.

This course is for senior system and storage administrators who are interested in deploying scalable, highly available storage on off-the-shelf hardware and in cloud environments. This course can help you prepare for the Red Hat Certified Specialist in Gluster Storage Administration exam (EX236), which is included with this course.

This course is based on Red Hat Gluster Storage 3. Students will learn how to install, configure, and maintain a cluster of Red Hat Gluster Storage servers. The course will also explore highly available common Internet file systems (CIFS) and network file systems (NFS) using Clustered Trivial DataBase (CTDB), unified file and object storage, and geo-replication. Finally, students will learn about the Hadoop plugin for Red Hat Storage, snapshots, and geo-replication.

SKILLS COVERED

- Install and configure Red Hat Gluster Storage
- Create and manage different volume types
- Learn about IP failover for NFS and SMB
- Explore georeplication
- Configure network encryption
- Manage tiering

WHO SHOULD ATTEND?

Linux system administrators and storage administrators interested in, or responsible for, maintaining large storage clusters using Red Hat Gluster Storage.

PREREQUISITES

Red Hat Certified System Administrator (RHCSA) certification or an equivalent level of knowledge is highly recommended.

MODULES

Module 1: Introduction to Red Hat Storage

- Understand Red Hat Storage server features and terminology. Install Red Hat Gluster Storage. Install Red Hat Gluster Storage.

Module 2: Configure Red Hat Gluster Storage

- Build and configure a Red Hat Gluster Storage volume.

Module 3: Create Volumes

- Create different volume types.

Module 4: Configure Clients

- Access data on Red Hat Gluster Storage volumes with various clients.

Module 5: Configure ACLs and Quotas

- Implement POSIX ACLs and quotas.

Module 6: Extend Volumes

- Grow storage volumes online.

Module 7: Configure IP Failover

- Configure IP failover

Module 8: Configure Georeplication

- Configure georeplication for disaster recovery.

Module 9: Troubleshooting

- Perform basic troubleshooting tasks.

Module 10: Manage Snapshots

- Manage volume snapshots.

Module 11: Install Red Hat Gluster Storage Console

- Install Red Hat Gluster Storage Console.

Module 12: Manage Tiering

- Manage storage tiering for a volume.

Module 13: Monitor Red Hat Gluster Storage

- Monitor Red Hat Gluster Storage performance.

Module 14: Configure Network Encryption

- Configure Network Encryption for Red Hat Gluster Storage.

Module 15: Comprehensive Review

- Practice and demonstrate knowledge and skills learned in Red Hat Gluster Storage Administration.

END OF PAGE