

Red Hat Gluster Storage Administration (RH 236)

COURSE OVERVIEW:

Students will learn how to install, configure, and maintain a cluster of Red Hat 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.

This course can help you prepare for the Red Hat Certificate of Expertise in Hybrid Cloud Storage Exam (EX236).

Note: Red Hat Gluster Storage Administration is part of our emerging technology series of courses. These courses focus on Red Hat's newer, evolving technologies. Emerging technologies courses are feature- and functionality-focused and are conducted like guided labs, with little lecture.

WHO WILL BENEFIT FROM THIS COURSE?

- Linux system administrators and storage administrators interested in, or responsible for, maintaining large storage clusters using Red Hat Storage
- Red Hat Certified System Administrator (RHCSA) certification or an equivalent level of knowledge is highly recommended

PREREQUISITES:

RHCSA certification or equivalent experience

COURSE OBJECTIVES:

- Install and configure Red Hat Storage Server
- Create and manage different volume types
- Learn about IP failover for NFS and CIFS using CTDB
- Explore geo-replication
- Practice unified file and object storage using Swift
- Learn about snapshots
- Learn about the Hadoop plugin

COURSE OUTLINE:

Introduction to Red Hat Storage

- Understand Red Hat Storage server features and terminology.

Explore the classroom environment

- Gain familiarity with the classroom environment.

Installation

- Install Red Hat Storage Server.

Basic configuration

- Build a Red Hat Storage server volume.

Volume types

- Understand different volume types.

Clients

- Access data on Red Hat Storage server volumes from different client types.

ACLs and quotas

- Implement quotas and Posix access control lists.

Extending volumes

- Grow storage volumes online.

IP failover

- Configure IP failover using CTDB.

Geo-replication

- Configure geo-replication.

Unified file and object storage

- Configure Swift object access.

Troubleshooting

- Perform basic troubleshooting tasks.

Managing snapshots

- Manage snapshots in Red Hat Storage.

Hadoop plugin

- Learn about the Hadoop plugin configuration.

SUNSET LEARNING INSTITUTE (SLI) DIFFERENTIATORS:

Sunset Learning Institute (SLI) has been an innovative leader in developing and delivering authorized technical training since 1996. Our goal is to help our customers optimize their cloud technology investments by providing convenient, high quality technical training that our customers can rely on. We empower students to master their desired technologies for their unique environments.

What sets SLI apart is not only our immense selection of trainings options, but our convenient and consistent delivery system. No matter how complex your environment is or where you are located, SLI is sure to have a training solution that you can count on!

Premiere World Class Instruction Team

- All SLI instructors have a four-year technical degree, instructor level certifications and field consulting work experience.
- Sunset Learning has won numerous Instructor Excellence and Instructor Quality Distinction awards since 2012

Enhanced Learning Experience

- The goal of our instructors during class is ensure students understand the material, guide them through our labs and encourage questions and interactive discussions.

Convenient and Reliable Training Experience

- You have the option to attend classes at any of our established training facilities or from the convenience of your home or office with the use of our HD-ILT network (High Definition Instructor Led Training)
- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

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- Dedicated account manager to suggest the optimal learning path for you and your team
- Enthusiastic Student Services team available to answer any questions and ensure a quality training experience