Red Hat High Availability Clustering With Exam (RH437)

Category: Infrastructure & IT Operations | **Vendor:** Red Hat

Duration: 40.00 hours (5 days) **32.5 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format:	Instructor Led - Online
Certification:	Red Hat Certified Specialist in High Availability Clustering
Related Exam:	EX436

Course Overview

This course will guide you through an intensive, hands-on experience with the Pacemaker component of the Red Hat Enterprise Linux High-Availability Add-On, as well as cluster storage components from the Resilient Storage Add-On, including Cluster Logical Volume Manager (CLVM), Red Hat Global File System 2 (GFS2), and Device-Mapper Multipath.This course covers the same material as RH436, but includes the Red Hat Certified Specialist in High Availability Clustering exam (EX436). This course is based on Red Hat Enterprise Linux 7.1.

About This Course

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Who Should Attend

Senior Linux system administrators responsible for maximizing resiliency though high-availability clustering services and using fault-tolerant shared storage technologies.

Learning Outcomes

Upon successful completion of this course, participants will be able to:

As a result of attending this course, students should be able to create, manage, and troubleshoot highly available network services and tightly coupled cluster storage for business-critical applications.
Students should be able to demonstrate the following skills:
Improve application uptime by using high-availability clustering
Manage storage in a high-availability environment using iSCSI initiators, HA-LVM or CLVM as appropriate, and GFS2 cluster file systems
Implement strategies to identify single points of failure in high-availability clusters, and eliminate them

Detailed Course Outline

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 LVM.

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.

□□ Certification Path

Red Hat Certified Specialist in High Availability Clustering

Exam: EX436

Additional Course Details

Nexus Humans Red Hat High Availability Clustering With Exam (RH437) training program is a workshop that presents an invigorating mix of sessions, lessons, and masterclasses meticulously crafted to propel your learning expedition forward.

This immersive bootcamp-style experience boasts interactive lectures, hands-on labs, and collaborative hackathons, all strategically designed to fortify fundamental concepts.

Guided by seasoned coaches, each session offers priceless insights and practical skills crucial for honing your expertise. Whether you're stepping into the realm of professional skills or a seasoned professional, this comprehensive course ensures you're equipped with the knowledge and prowess necessary for success.

While we feel this is the best course for the Red Hat High Availability Clustering With Exam (RH437) course and one of our Top 10 we encourage you to read the course outline to make sure it is the right content for you.

Additionally, private sessions, closed classes or dedicated events are available both live online and at our training centres in Dublin and London, as well as at your offices anywhere in the UK, Ireland or across EMEA.

Frequently Asked Questions

Q: What delivery options are available for Red Hat High Availability Clustering With Exam (RH437)?

We offer multiple delivery formats:

- Live Instructor-Led Classroom Online (Virtual/Live Online)
- Traditional Instructor-Led Classroom Training (ILT)
- On-site delivery at your offices anywhere in United Kingdom
- Private dedicated courses customized for your team

Q: What certification does this course prepare me for?

The Red Hat High Availability Clustering With Exam (RH437) course helps prepare you for the Red Hat Certified Specialist in High Availability Clustering certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the EX436 official exam. You can take this exam at any exam center across United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online wherever you are located.

Q: How many CPD hours does this course provide?

The 5-day Red Hat High Availability Clustering With Exam (RH437) course provides up to 32.5 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Red Hat High Availability Clustering With Exam (RH437) training?

The training takes place over 5 day(s), with each day lasting approximately 40.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Red Hat High Availability Clustering With Exam (RH437)?

Yes, we provide corporate training, dedicated training, and closed classes for Red Hat High Availability Clustering With Exam (RH437). Training can take place anywhere in United Kingdom including London, Manchester, Birmingham, Edinburgh, or live online allowing teams from across United Kingdom or internationally to attend.

Q: Why choose Nexus Human for Red Hat High Availability Clustering With Exam (RH437)?

Nexus Human is recognized as one of the leading training providers. Our trainers have won multiple awards including:

- Small Firms Best Trainer Award
- National Training Partner of the Year (Ireland) - Multiple Years
- Global Top 30 Instructor Awards (2012, 2019, 2021)
- Tech Excellence Award Nominations
- Learning Performance Institute (LPI) External Training Provider Sponsor 2024

Q: Are there any discount codes available?

Yes! Use discount code **PENPAL5** when booking your Red Hat High Availability Clustering With Exam (RH437) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

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