Red Hat Linux Diagnostics and Troubleshooting with Exam (RH343)

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 Specialist in Linux Diagnostics and Troubleshooting
Related Exam:	EX342

Course Overview

This course enriches your skills by providing the tools and techniques that you need to successfully diagnose, and fix, a variety of potential issues. You will work through hands-on problems in various subsystems to diagnose and fix common issues.You will learn develop the skills to apply the scientific method to a structured form of troubleshooting. You will then apply this approach in troubleshooting various types of problems, including boot issues, hardware issues, storage issues, RPM issues, network issues, third-party application issues, security issues, and kernel issues. At the end of the course, you will be empowered to complete various comprehensive review labs to test your skills.This course covers the same material as RH342, but includes the Red Hat Certified Specialist in Linux Diagnostics and Troubleshooting exam (EX342)

About This Course

This course enriches your skills by providing the tools and techniques that you need to successfully diagnose, and fix, a variety of potential issues. You will work through hands-on problems in various subsystems to diagnose and fix common issues.You will learn develop the skills to apply the scientific method to a structured form of troubleshooting. You will then apply this approach in troubleshooting various types of problems, including boot issues, hardware issues, storage issues, RPM issues, network issues, third-party application issues, security issues, and kernel issues. At the end of the course, you will be empowered to complete various comprehensive review labs to test your skills.This course covers the same material as RH342, but includes the Red Hat Certified Specialist in Linux Diagnostics and Troubleshooting exam (EX342)

Who Should Attend

The Red Hat Enterprise Linux Diagnostics and Troubleshooting course is aimed at senior system administrators who wish to learn more about troubleshooting.

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 analyze the operational state of computer systems and identify potential issues. When problems appear, students will be able to successfully resolve the issue, returning it to a secure and stable working condition.
Students should be able to demonstrate the following skills:
Diagnostic and analysis procedures
Preventive maintenance planning and implementation
System recovery using proven tools and techniques

Detailed Course Outline

Introduction to troubleshooting

- Describe a generalized strategy for troubleshooting.

Take proactive steps to prevent small issues

- Prevent small issues from becoming large problems by employing proactive system administration techniques.

Troubleshoot boot issues

- Identify and resolve issues that can affect a system's ability to boot.

Identify hardware issues

- Identify hardware problems that can affect a systems ability to operate.

Troubleshoot storage issues

- Identify and fix issues related to storage.

Troubleshoot RPM issues

- Identify and fix problems in, and using, the package management subsystem.

Troubleshoot network issues

- Identify and resolve network connectivity issues.

Troubleshoot application issues

- Debug application issues.

Deal with security issues

- Identify and fix issues related to security subsystems.

Troubleshoot kernel issues

- Identify kernel issues and assist Red Hat Support in resolving kernel issues.

Red Hat Enterprise Linux Diagnostics and Troubleshooting comprehensive review

- Practice and demonstrate knowledge and skills learned in Red Hat Enterprise Linux Diagnostics and Troubleshooting.

Certification Path

Red Hat Specialist in Linux Diagnostics and Troubleshooting

Exam: EX342

Additional Course Details

Nexus Humans Red Hat Linux Diagnostics and Troubleshooting with Exam (RH343) 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 Linux Diagnostics and Troubleshooting with Exam (RH343) 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 Linux Diagnostics and Troubleshooting with Exam (RH343)?

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 Linux Diagnostics and Troubleshooting with Exam (RH343) course helps prepare you for the Red Hat Specialist in Linux Diagnostics and Troubleshooting certification path.

Q: Which exam does this course prepare me for?

This course prepares you for the EX342 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 Linux Diagnostics and Troubleshooting with Exam (RH343) 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 Linux Diagnostics and Troubleshooting with Exam (RH343) 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 Linux Diagnostics and Troubleshooting with Exam (RH343)?

Yes, we provide corporate training, dedicated training, and closed classes for Red Hat Linux Diagnostics and Troubleshooting with Exam (RH343). 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 Linux Diagnostics and Troubleshooting with Exam (RH343)?

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 Linux Diagnostics and Troubleshooting with Exam (RH343) training. Please note that only one discount code can be used per booking and cannot be combined with other special offers.

Nexus Human

Professional Training & Development

Email: info@nexushuman.com

Website: www.nexushuman.com

Phone: +353 1 889 8700 (Ireland) | +44 20 8142 8961 (UK)

© 2026 Nexus Human. All rights reserved. This brochure was generated on 14/11/2026.