Red Hat Enterprise Linux Diagnostics and Troubleshooting - Red Hat Learning Subscription Course (RH342LS)

Category: Networking & Security | **Vendor:** Red Hat

Duration: 32.00 hours (4 days) **26.0 CPD Hours** **Rating:** ⭐ 4.6 (5,878 reviews)

Course Information

Delivery Format: Instructor Led - Online

Related Exam: Red Hat Enterprise Linux Diagnostics and Troubleshooting; Linux Platform; RH342

Course Overview

System downtime and unresolved errors can bring operations to a halt. The Red Hat Linux Diagnostics and Troubleshooting (RH342) course equips senior system administrators with advanced skills to diagnose and fix problems across Red Hat Enterprise Linux environments. This enterprise Linux diagnostics and troubleshooting course provides system administrators with the tools and techniques they need to successfully diagnose and fix common issues. Through hands-on labs, you'll practice and demonstrate knowledge and skills learned in Red Hat Enterprise Linux diagnostics and troubleshooting, working with various subsystems to diagnose and fix storage issues, network issues, security issues, kernel issues, hardware issues, and RPM issues, including boot issues and third-party application issues. RHLS Course Includes: 365-Day RHLS Subscription - Full year of access starting from your purchase date. Official Red Hat Training Curriculum - Learn directly from Red Hat's validated, up-to-date course materials. Hands-On Labs (100 Hours per Course) - Build practical, real-world skills through extensive lab time. One Certification Exam + Free Retake - Includes exam readiness resources to help you prepare with confidence. One Virtual, Instructor-Led Class - Attend a live online class through the Red Hat portal (self-enrollment required using your RHID).

About This Course

System downtime and unresolved errors can bring operations to a halt. The Red Hat Linux Diagnostics and Troubleshooting (RH342) course equips senior system administrators with advanced skills to diagnose and fix problems across Red Hat Enterprise Linux environments. This enterprise Linux diagnostics and troubleshooting course provides system administrators with the tools and techniques they need to successfully diagnose and fix common issues. Through hands-on labs, you'll practice and demonstrate knowledge and skills learned in Red Hat Enterprise Linux diagnostics and troubleshooting, working with various subsystems to diagnose and fix storage issues, network issues, security issues, kernel issues, hardware issues, and RPM issues, including boot issues and third-party application issues. RHLS Course Includes: 365-Day RHLS Subscription - Full year of access starting from your purchase date. Official Red Hat Training Curriculum - Learn directly from Red Hat's validated, up-to-date course materials. Hands-On Labs (100 Hours per Course) - Build practical, real-world skills through extensive lab time. One Certification Exam + Free Retake - Includes exam readiness resources to help you prepare with confidence. One Virtual, Instructor-Led Class - Attend a live online class through the Red Hat portal (self-enrollment required using your RHID).

Who Should Attend

This troubleshooting course is ideal for senior system administrators, Linux engineers, and IT professionals who want to master advanced troubleshooting in Red Hat Enterprise Linux.

Prerequisites & Entry Requirements

General Prerequisites:

- Have earned a Red Hat Certified System Administrator (RHCSA) or have similar experience
- It is recommend that students have earned a Red Hat Certified Engineer (RHCE) or have similar experience

Learning Outcomes

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

After completing this course, you'll be able to confidently identify, diagnose, and resolve critical Red Hat Enterprise Linux issues using a scientific, structured troubleshooting approach. Apply the scientific method to all troubleshooting tasks Diagnose and resolve boot issues in Red Hat Enterprise Linux Identify and fix security, network, and storage issues Troubleshoot RPM and package management system errors Analyze kernel and application issues, including escalation to Red Hat Support

Detailed Course Outline

Introduction to Troubleshooting

- Understand a structured strategy for troubleshooting

Proactive System Administration

- Prevent small issues from becoming major problems

Troubleshoot Boot Issues

- Identify and resolve system boot failures

Hardware Troubleshooting

- Diagnose hardware problems affecting system operation

Storage Troubleshooting

- Identify and resolve storage-related issues

RPM Troubleshooting

- Troubleshoot and resolve package management subsystem errors

Network Troubleshooting

- Identify and resolve network connectivity problems

Application Troubleshooting

- Debug and fix application issues

Security Troubleshooting

- Diagnose and resolve issues with security subsystems

Kernel Troubleshooting

- Analyze kernel problems and assist Red Hat Support with resolutions

Frequently Asked Questions

Q: What delivery options are available for Red Hat Enterprise Linux Diagnostics and Troubleshooting - Red Hat Learning Subscription Course (RH342LS)?

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: Which exam does this course prepare me for?

This course prepares you for the Red Hat Enterprise Linux Diagnostics and Troubleshooting; Linux Platform; RH342 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 4-day Red Hat Enterprise Linux Diagnostics and Troubleshooting - Red Hat Learning Subscription Course (RH342LS) course provides up to 26.0 CPD hours of structured learning. CPD certificates can be provided upon request.

Q: What is the duration of the Red Hat Enterprise Linux Diagnostics and Troubleshooting - Red Hat Learning Subscription Course (RH342LS) training?

The training takes place over 4 day(s), with each day lasting approximately 32.00 hours including breaks for lunch and refreshments.

Q: Do you provide corporate training for Red Hat Enterprise Linux Diagnostics and Troubleshooting - Red Hat Learning Subscription Course (RH342LS)?

Yes, we provide corporate training, dedicated training, and closed classes for Red Hat Enterprise Linux Diagnostics and Troubleshooting - Red Hat Learning Subscription Course (RH342LS). 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 Enterprise Linux Diagnostics and Troubleshooting - Red Hat Learning Subscription Course (RH342LS)?

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 Enterprise Linux Diagnostics and Troubleshooting - Red Hat Learning Subscription Course (RH342LS) 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)

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