

Red Hat Enterprise Linux Diagnostics and Troubleshooting with Exam

Code:	RH343
Length:	5 days
URL:	View Online

Students will learn how to apply the scientific method to a structured form of troubleshooting. This approach is then used 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 students can complete various comprehensive review labs to test their skills.

Skills Gained

- Use the scientific method to approach troubleshooting
- Troubleshoot boot issues
- Troubleshoot security issues
- Troubleshoot storage issues
- Troubleshoot network issues

Who Can Benefit

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

Prerequisites

- Required to have earned a Red Hat Certified System Administrator (RHCSA)
- Recommended to have earned a Red Hat Certified Engineer (RHCE)

Course Details

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 system's 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.

Recommended next exam or course

Red Hat Certificate of Expertise in Red Hat Enterprise Linux Diagnostics and Troubleshooting (EX342)

- Test your ability to analyze Red Hat Enterprise Linux systems for common issues that may cause degradation or loss of performance and either correct the issues or gather forensic information that can be passed along to a third party.