



Red Hat Enterprise Linux Diagnostics and Troubleshooting (RH 342)

COURSE OVERVIEW

Diagnose problems, gather information, and fix common issues with Red Hat Enterprise Linux

The Red Hat Enterprise Linux Diagnostics and Troubleshooting course (RH342) provides system administrators with the tools and techniques they need to successfully diagnose, and fix, a variety of potential issues. Students will work through hands-on problems in various subsystems to diagnose and fix common issues.

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.

This course is based on Red Hat Enterprise Linux 8.4.

WHO WILL BENEFIT FROM THIS COURSE?

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

PREREQUISITES

Red Hat recommends these 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

COURSE OBJECTIVES

As a result of attending this course, students should be able to leverage the software development life-cycle process to plan, create, test, and provision host systems within an organization.

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 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.

WHY TRAIN WITH SUNSET LEARNING INSTITUTE?

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 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 live with the instructor, at any of our established training facilities, or from the convenience of your home or office
- All Sunset Learning Institute classes are guaranteed to run – you can count on us to deliver the training you need when you need it!

Outstanding Customer Service

- You will work with a dedicated account manager to suggest the optimal learning path for you and/or your team
- An enthusiastic student services team is available to answer any questions and ensure a quality training experience

Interested in Private Group Training?

[Contact Us](#)