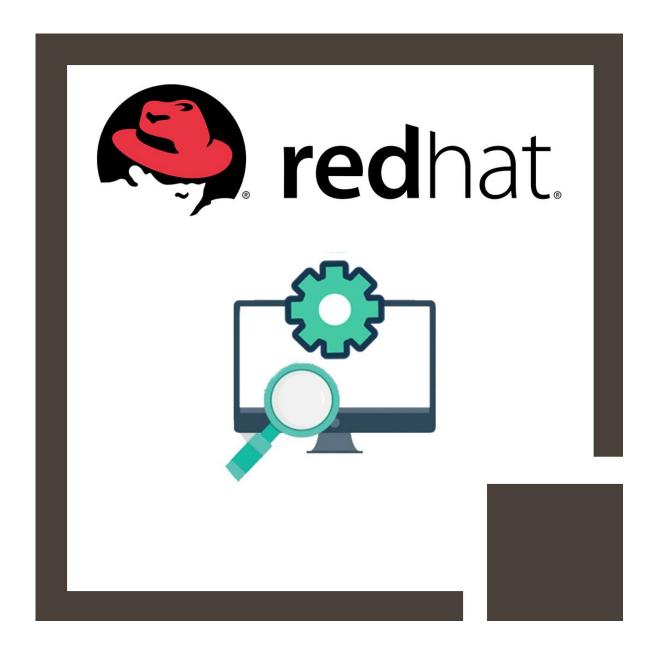


Document Generated: 06/07/2025 Learning Style: Virtual Classroom Technology: Red Hat Difficulty: Intermediate Course Duration: 5 Days

# Red Hat Enterprise Linux Diagnostics and Troubleshooting (RH342VT)



# About this course:

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.

The average salary of a Red Hat Software Engineer salary is \$87,078 per year.

# **Course Objective:**

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

### Audience:

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

## **Prerequisite:**

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 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.

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