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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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