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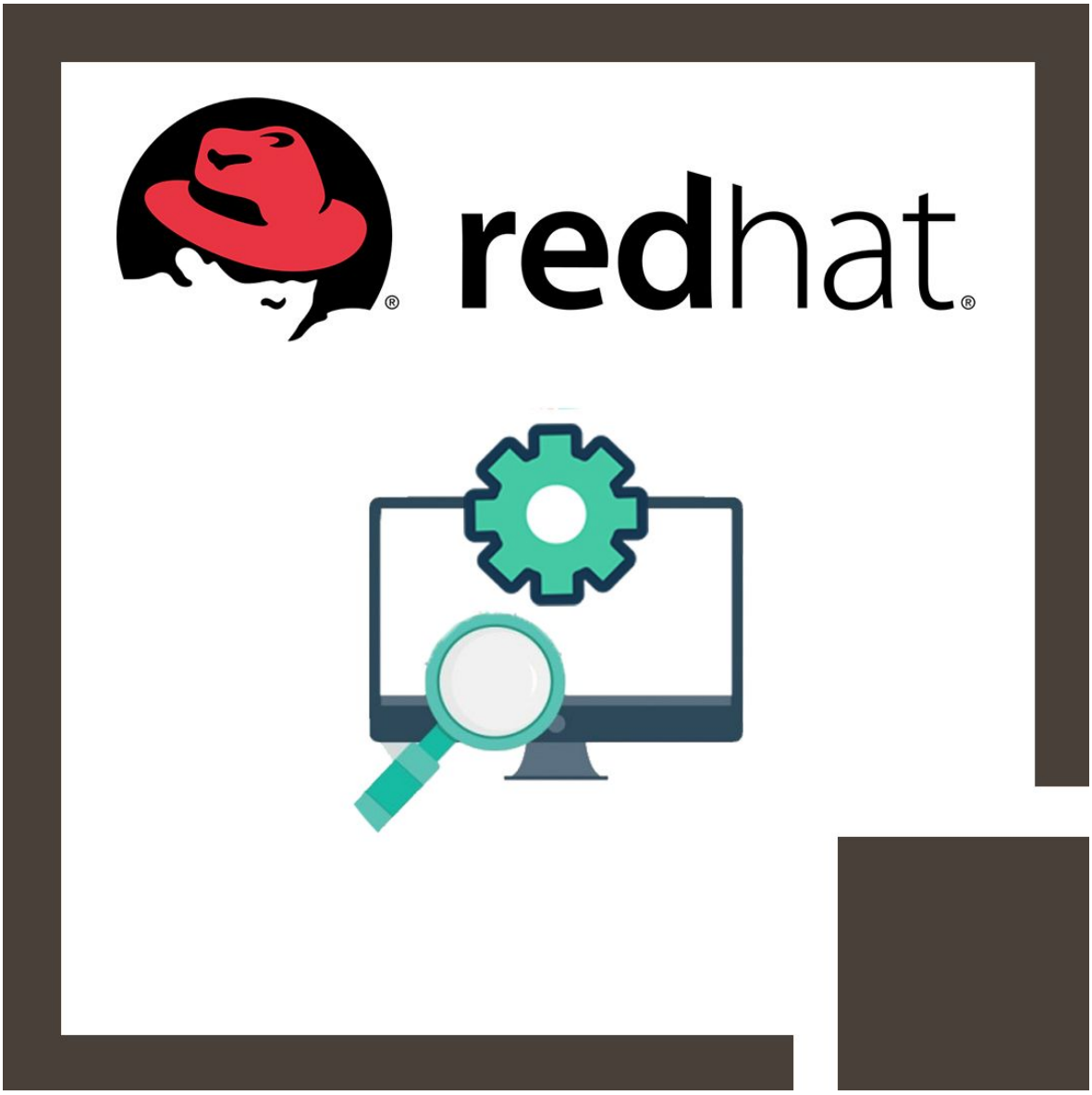
Learning Style: Virtual Classroom

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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