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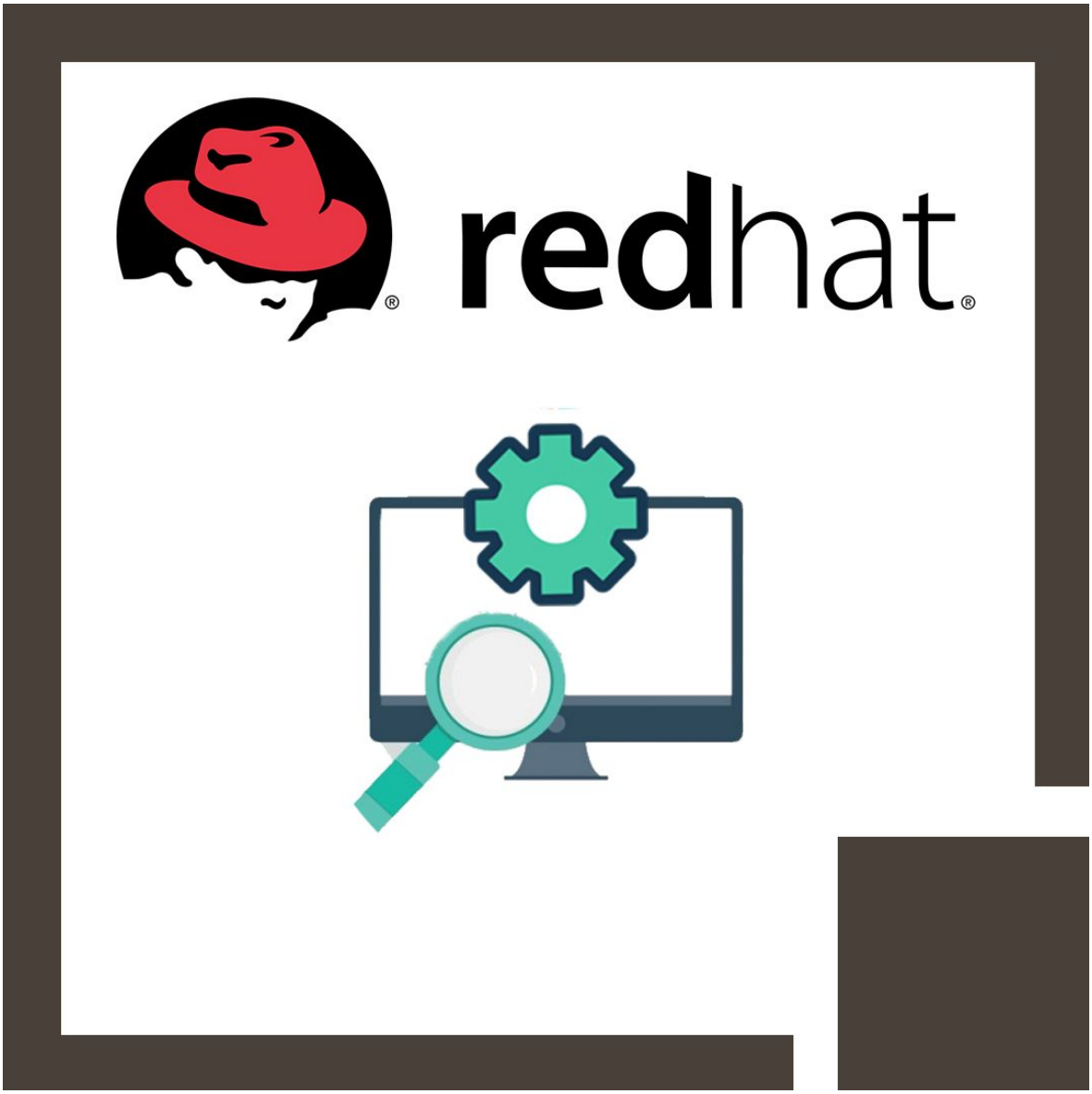
Learning Style: Virtual Classroom

Technology: Red Hat

Difficulty: Intermediate

Course Duration: 5 Days

Red Hat Enterprise Linux Diagnostics and Troubleshooting (RH342VT)



About this course:

This course aims to provide the students with the necessary skills to have a scientific approach when tackling the structured form of troubleshooting. By learning this method, the student will be able to then troubleshoot an array of problems that come in the way. The issues can include boot problems, hardware problems, storage problems, RPM problems, network problems, third-party application problems, security matters and kernel problems. These are the various problems, which, after taking this course, students will be at the advantage of tackling them adequately. Towards the end of the course, students will get to give practical demonstrations in the labs, for the skills learned throughout the course.

On average, a Red Hat Software Engineer earns $87,078 per annum.

Learning Objectives:

The course has the following learning objectives:

- Having a scientific approach for structured troubleshooting
- Troubleshooting boot problems
- Troubleshooting security problems
- Troubleshooting storage issues
- Troubleshooting network issues

Audience:

The course aims to provide training in the Linux Diagnostics and Troubleshooting process. Therefore, it will be highly beneficial for those who are senior system administrators in their workforce, and wish to increase their skills and knowledge about troubleshooting.

Requirements:

Red Hat has some recommendations which they wish to have in the student before starting this complex course. The student has gained a Red Hat Certified System Administrator (RHCSA) certification or has similar type of experience to make up for it. It is also recommended by Red Hat that the student has gained a Red Hat Certified Engineer (RHCE) certification, otherwise, has similar type of experience to make up for it.

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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