Red Hat Enterprise Linux Diagnostics and Troubleshooting

Kód kurzu: RH342

Od ledna 2026 je možné za původních podmínek zakoupit pouze prezenční Red Hat školení. Virtuální kurzy (VT) jsou dostupné výhradně v rámci ročního předplatného RHLS Course.Jak si naplánovat virtuální kurz v Red Hat Learning Subscription Course naleznete zde.
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.

Pre koho je kurz určený

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

Čo Vás naučíme

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

Požadované vstupné znalosti

- 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

Osnova kurzu

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.

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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.

Čo musíte vedieť

Impact on the organization

This course is intended to develop the skills needed to prevent costly downtime due to system failure and quickly recover failed systems using analysis, diagnosis, and troubleshooting.
Red Hat has created this course in a way intended to benefit our customers, but each company and infrastructure is unique, and actual results or benefits may vary.

Impact on the individual

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.

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