Red Hat Linux Diagnostics and Troubleshooting (RH342)

Red Hat

- **Nível:** Avançado
- **Duração:** 28h

Sobre o curso

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.

Este curso também está disponível no formato E-learning. Para mais informações aceda ao link: Red Hat Linux Diagnostics and Troubleshooting (RH342VC)

Course content summary

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

Destinatários

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

Pré-requisitos

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

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Programa

- Introduction to troubleshooting
- Take proactive steps to prevent small issues
- Troubleshoot boot issues
- Identify hardware issues
- Troubleshoot storage issues
- Troubleshoot RPM issues
- Troubleshoot network issues
- Troubleshoot application issues
- Deal with security issues
- Troubleshoot kernel issues
- Red Hat Enterprise Linux Diagnostics and Troubleshooting comprehensive review

Note: Course outline is subject to change with technology advances and as the nature of the underlying job evolves.

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.