Red Hat Linux Diagnostics and Troubleshooting with (EX342) Exam

Duration: 5 Days   Course Code: RH343

Overview:

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

Target Audience:

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

Objectives:

- 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 analyze the operational state of computer systems and identify potential issues. When problems appear, students will be able to successfully resolve the issue, returning it to a secure and stable working condition.

- Students should be able to demonstrate the following skills:

- Diagnostic and analysis procedures

- Preventive maintenance planning and implementation

- System recovery using proven tools and techniques

Prerequisites:

Red Hat recommends these prerequisites:

- Required to have earned a Red Hat Certified System Administrator (RHCSA)
- Recommended to have earned a Red Hat Certified Engineer (RHCE)

Content:

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.

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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www.globalknowledge.com/en-be/