

# Red Hat Enterprise Linux Diagnostics and Troubleshooting

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<b>Code:</b>	RH342
<b>Length:</b>	4 days
<b>URL:</b>	<a href="#">View Online</a>

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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.

## Skills Gained

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

## Who Can Benefit

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

## Prerequisites

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

## Course Details

### 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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## Schedule (as of 3 )

Date	Location	
Jun 13, 2022 - Jun 17, 2022	Virtual	<a href="#">Enroll</a>
Jul 18, 2022 - Jul 22, 2022	Virtual	<a href="#">Enroll</a>
Aug 29, 2022 - Sep 2, 2022	Virtual	<a href="#">Enroll</a>
Oct 31, 2022 - Nov 4, 2022	Virtual	<a href="#">Enroll</a>
Dec 12, 2022 - Dec 16, 2022	Virtual	<a href="#">Enroll</a>

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