

Training: Red Hat  
RH342 Red Hat Enterprise Linux Diagnostics and Troubleshooting



FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Hardcopy	2300 EUR	4 days
Traditional	CTAB Tablet	2400 EUR	4 days
Distance learning	Hardcopy	2300 EUR	4 days
Distance learning	CTAB Tablet	2300 EUR	4 days

## LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm

Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

## TRAINING GOALS:

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.

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

## CONSPECT:

- 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.

## REQUIREMENTS:

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 \(RHCE\)](#)

Confirmation of the correct skill-set knowledge can be obtained by passing the online pre-assessment quiz: <http://www.redhat.com/apps/training/assess/>

## Difficulty level



## CERTIFICATE:

Participants will obtain certificates signed by Red Hat.

## TRAINER:

Red Hat Certified Instructor.

## ADDITIONAL INFORMATION:

Test your ability to analyze Red Hat Enterprise Linux systems for common issues that may cause degradation or loss of performance and either correct the issues or gather forensic information that can be passed along to a third party.

[EX342 Red Hat Certificate of Expertise in Red Hat Enterprise Linux Diagnostics and Troubleshooting](#)