



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

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# Red Hat Enterprise Performance Tuning with Expertise Exam (RH442+EX442)

|              |                    |                   |
|--------------|--------------------|-------------------|
| <b>CODE:</b> | <b>DURÉE:</b>      | <b>PRIX H.T.:</b> |
| REH_443      | 40 Hours (5 Jours) | €3,605.00         |

## Description

Red Hat® Enterprise Performance Tuning teaches senior Linux® system administrators about performance tuning for [Red Hat Enterprise Linux](#).

## Training Development

- Introduction to performance tuning
  - Understand the basic principles of performance tuning and analysis.
- Collecting, graphing, and interpreting data
  - Gain proficiency in using basic analysis tools and evaluating data.
- General tuning
  - Learn basic tuning theory and mechanisms used to tune the system.
- Limiting resource usage
- Hardware profiling
  - Understand and analyze hardware.
- Software profiling
  - Analyze CPU and memory performance of applications.
- Small file tuning
  - Tune a server for a workload involving frequent reads and writes of small files.
- Large memory workload tuning
  - Understand memory management and tuning.
- Tuning for a CPU-intensive workload
  - Understand tuning for CPU-bound applications.
- File server tuning
  - Understand storage and network tuning in the context of a file server application.
- Database server tuning
  - Tune memory and network performance using a database application as an example.
- Power usage tuning
  - Tune systems with power consumption in mind.
- Virtualization tuning
  - Tune 'host' and 'guest' for efficient virtualization.

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

## Options

[Red Hat Certificate of Expertise in Performance Tuning exam \(EX442\)](#)  
Hands-on, performance-based, 4-hour exam.

## This course prepares you for these credentials:

[Red Hat Certified Architect — RHCA®](#)  
RHCA certification incorporates the skills and knowledge of RHCDS plus advanced networking services security, system monitoring, and performance tuning.

## **Dates de session**

Sur demande. [Merci de nous contacter](#)

## **Informations Complémentaires**

[Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.](#)