RED HAT ENTERPRISE PERFORMANCE TUNING WITH EXAM (RH443)

Course Code: 1169

Gain a better understanding of the methods of performance tuning for Red Hat Enterprise Linux.

Red Hat Enterprise Performance Tuning teaches senior Linux system administrators about performance tuning for Red Hat Enterprise Linux. In this course, you will learn about system architecture with an emphasis on understanding the implications on system performance, methods for testing the effects of performance adjustments, open source benchmarking utilities, methods for analyzing system and networking performance, and tuning configurations for specific application loads.

This course can help you prepare for the Red Hat Certificate of Expertise in Performance Tuning exam (EX442). This version of the course includes the exam.

Note: Global Knowledge and Red Hat do not guarantee that anyone who takes one or all of the courses in the Red Hat certification program will pass a Red Hat exam. On-the-job experience, in combination with high-quality training, is the best way to build skills and prepare for a Red Hat exam. The exam itself is a hands-on learning experience, and many of those who do not pass on the first try come away with knowledge of what they need to work on to pass the exam on a re-take.

Certification:

Upon passing the exam, if you are an RHCE, you will receive a Certificate of Expertise for Enterprise Performance Tuning.

What You'll Learn

- Tuning for use-case scenarios (HPC, large memory, database, and file server)
- Tuning for power consumption
- Tuning virtual machines (host and guest)
- Tuning memory and caches
- Tuning CPU and memory utilization using cgroups
- Gathering performance metrics and other data for tuning purposes

Who Needs to Attend

- RHCEs who want to prepare for and take the Red Hat Certificate of Expertise in Performance Tuning exam (EX442)

- Experienced Linux system administrators responsible for maximizing resource utilization through performance tuning

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CLASSROOM LIVE	$5,903 CAD	5 Day

Classroom Live Outline

1. Performance Tuning
   - Basic principles of performance tuning and analysis
2. Collecting, Graphing, and Interpreting Data
   - Using basic analysis tools s
   - Evaluating data
3. General Tuning
   - Tuning theory and mechanisms used to tune the systemem
4. Hardware Profiling
   - Analyze hardware
5. Software Profiling
   - Analyze hardware
6. Mail Server Tuning
   - Analyze hardware
7. Large Memory Workload Tuning
   - Analyze hardware
8. HPC Workload Tuning
   - Analyze hardware
9. File Server Tuning
   - Analyze hardware
10. Database Server Tuning
    - Analyze hardware
11. Power Usage Tuning

- Analyze hardware

12. Virtualization Tuning
    - Tuning "host" and "guest" for efficient virtualization

13. Red Hat Certificate of Expertise in Performance Tuning exam (EX442)

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

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PRIVATE GROUP TRAINING	5 Day

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.