
RedHat systems monitoring and performance tuning

Cursusduur: 4 Dagen Cursuscode: RH442

Beschrijving:

Red Hat Enterprise Performance Tuning (RH442) Performance tuning and capacity planning for Red Hat Enterprise Linux

Red Hat® Enterprise System Monitoring and Performance Tuning (RH442) is designed to teach senior Linux® system administrators the methodology of performance tuning and capacity planning for Red Hat Enterprise Linux. This course discusses system architecture with an emphasis on understanding the implications of system architecture 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.

A Red Hat Certified Engineer (RHCE®) who successfully completes this course is prepared to take the Red Hat Enterprise System Monitoring and Performance Tuning Expertise Exam (EX442). Exam sold separately.

Doelgroep:

Experienced Linux system administrators responsible for maximizing resource utilization through performance tuning
An RHCE interested in earning a Red Hat Certification of Expertise, or a Red Hat Certified Datacenter Specialist (RHCDS) or Red Hat Certified Architect (RHCA) credential

Doelstelling:

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| ■ Introduction to performance tuning | ■ |
| ■ Understand the basic principles of performance tuning and | ■ Learn about basic storage tuning using an email server as an |
| ■ Gain proficiency in using basic analysis tools and in evaluating | ■ |
| ■ Learn basic tuning theory and mechanisms used to tune the | ■ |
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Vereiste kennis en vaardigheden:

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Examens en certificering

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Cursusinhoud:

Course content summary

- Elements of monitoring and tuning
- Simple network monitoring (SNMP)
- Graphical reporting
- Kernel-level profiling
- Queuing theory
- Compensating for physical disk characteristics
- Reducing disk visit count
- Processes and the scheduler
- Kernel timing and process latency
- Memory addressing and allocation
- Memory caches
- Memory reclamation

Nadere informatie:

Neem voor nadere informatie of boekingen contact op met onze Customer Service Desk 030 - 60 89 444

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