

Red Hat Enterprise Performance Tuning

RH442



Delivery Type: Classroom

Duration: 4 days

Overview

Red Hat® Enterprise Performance Tuning is designed to teach senior Linux® system administrators the methodology of performance tuning 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 Performance Tuning Expertise Exam (EX442).

Pre-Requisites

- ✓ RHCE certification or equivalent experience

Objectives

- ✓ Tuning for use-case scenarios (for example, 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

Target Audience

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