

Red Hat Enterprise SELinux Policy Administration

RHS429



Delivery Type: Classroom

Duration: 4 days

Overview

Security-enhanced Linux® (SELinux) is a powerful, kernel-level security layer that provides fine-grained control over which users and processes may access which resources and execute which programs on a system. Red Hat® Enterprise SELinux Policy Administration (RHS429) introduces senior system administrators, security administrators, and application programmers to SELinux policy writing. Students will learn how SELinux works and how to manage, write, compile, and debug an SELinux policy. This class culminates in a major project to analyze, determine the security needs of, and design and implement a set of net new policies for a service previously unprotected by SELinux.

A Red Hat Certified Engineer (RHCE®) who successfully completes this course is prepared to take the Red Hat Enterprise SELinux Policy Administration Expertise Exam (EX429).

Pre-Requisites

- ✓ The essential elements of how to configure the services covered, as this course focuses on more advanced topics
- ✓ RHCE certification or equivalent experience

Objectives

- ✓ Using SELinux
- ✓ The Red Hat targeted policy
- ✓ Introduction to policies
- ✓ Policy utilities
- ✓ User and role security
- ✓ Anatomy of a policy
- ✓ Manipulating policies

Target Audience

Experienced Linux system administrators responsible for Mandatory Access Control-based (MAC) security, or who want to harden their existing Linux system or networked services security and RHCEs interested in earning a Red Hat Certificate of Expertise or a Red Hat Certified Security Specialist (RHCSS) certification.

Certification

- ✓ Red Hat Enterprise SELinux Policy Administration Expertise Exam (EX429) Hands-on, performance-based, 4-hour exam with 2 sections.
- ✓ This course prepares you for these credentials:
- ✓ Certificates of Expertise
- ✓ Red Hat Certified Security Specialist — RHCSS

Follow on Courses

- ✓ RHS333, Red Hat Enterprise Security Network Services
- ✓ RH423, Red Hat Enterprise Directory Services and Authentication