Red Hat Enterprise Security Network Services

RHS333

Duration: 4 days

Overview

Red Hat® Enterprise Security: Network Services (RHS333) is an intensive course that equips senior system administrators and security professionals with the skills and knowledge required to harden systems against both internal and external attacks. This class advances beyond the essential security coverage offered in the Red Hat Certified Engineer (RHCE®) curriculum and delves more deeply into the security features, capabilities, and how to properly respond to sophisticated security threats aimed at enterprise systems. Students will also cover an in-depth analysis of the ever-changing threat models as they pertain to Red Hat Enterprise Linux®. At the end of the 4-day course, students should be able to design and implement an adequate security profile for critical enterprise systems.

An RHCE who successfully completes this course is prepared to take the Red Hat Enterprise Security Network Services Expertise Exam (EX333).

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

✓ Mastering basic service security
✓ Understanding cryptography
✓ Securing BIND and DNS

✓ Hardening remote procedure call (RPC) services
✓ Using Kerberos for centrally managed user authentication
✓ Improving Network File System (NFS) security with Kerberos and NFSv4
✓ Advanced uses of Secure Shell
✓ Building a secure email infrastructure
✓ Securing FTP and Apache HTTPD services
✓ Basics of intrusion detection and response

Target Audience

Experienced Linux system administrators responsible for the overall security of their systems and networked services, experienced Linux system administrators tasked with security on other operating systems but who now want to perform those tasks on a Red Hat Linux system.

Follow on Courses

✓ RH423, Red Hat Enterprise Directory Services and Authentication
✓ RHS429, Red Hat Enterprise SELinux Policy Administration

Certification

✓ Red Hat Enterprise Security Network Services Expertise Exam (EX333)

This course prepares you for these credentials:
✓ Certificates of Expertise
✓ Red Hat Certified Architect — RHCA
✓ Red Hat Certified Security Specialist — RHCSS