CANAUDIT
Information Security & IT Audit Consultants

Control and Security of Linux

Duration: 2 Day
CPE Hours: 16
Delivery Method: Group-Live
Format: Lecture
Program Level: Intermediate
Advanced Preparation: None

Synopsis

Businesses are looking for lower-cost alternatives to Windows and UNIX while meeting the increased demands for accessibility, functionality, scalability and reliability while maintaining a high level of security. Linux runs on all types of machines from tablets to mainframes. This versatile operating system can be used to host any business process from network routing and workstation operations to internet e-commerce servers, or even as a firewall. Linux offers a plethora of security features that, when properly adapted and configured, provide the security needed for both commercial and government requirements. This seminar will provide the participants with a working knowledge of the controls available in the Linux environment and how to manage and monitor these controls.

Who Should Attend

This seminar is intended for IT Security professionals and auditors who will be conducting Linux security reviews. It is also useful for business managers and entry-level system administrators who want to build and maintain secure Linux systems.

Learning Objectives

At the end of this course, participants will be able to:

- Understand Linux partitioning, installation, authentication and file structure.
- Describe the processes and procedures the auditor undertakes to check for adherence to security policies.
- Identify common vulnerabilities, exploits and misconfigurations.
- Evaluate the security of the Linux operating system using risk assessment methodologies and automated tools to ensure access to sensitive data is restricted.
- Apply the Canaudit-provided risk and control matrix and audit checklists to ensure maximum data and network security.

Prerequisites

A basic understanding and experience with Linux is required.

Course Policies

For registration, cancellation, refunds or other concerns please contact our office at (800) 774-1717.

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