

Control and Security of UNIX

Synopsis

The UNIX operating system is common in many organizations. As with most operating systems, UNIX can be well secured as long as the available features are properly installed and maintained. This seminar will walk participants through the UNIX operating system, its functions and control features. Many hardware suppliers have their own proprietary versions of UNIX. As these versions are based on System V or BSD UNIX, this seminar provides in-depth coverage of both versions. In order to identify security weaknesses in UNIX, participants will be provided with a step-by-step audit approach, detailed audit programs, control checklists and an audit script. The instructor will demonstrate the audit script in the classroom to reinforce the concepts learned and show how poorly secured UNIX platforms can be penetrated with ease.

Who Should Attend

This seminar is intended for Internal Auditors, UNIX Administrators and Security Officers.

Learning Objectives

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

- Understand UNIX 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 UNIX 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 of information security concepts, logical security and access controls is required.

Course Policies

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

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

