SSCP Certification Prep Course

Course Summary

Description

The best way to combat an attack on an organization's information assets is to have qualified information security professionals with the appropriate practices and controls to implement, monitor and administer IT infrastructure to ensure data confidentiality, integrity and availability. This official SSCP course validates student's ability to identify, evaluate, and prioritize potential threats, manage and mitigate threats through risk management concepts, assessment activities, and monitoring terminology, techniques, and systems.

Gain skills to properly and promptly respond to a security incident or forensic investigation with incident handling processes and procedures such as Business Continuity Planning (BCP) and Disaster Recovery Planning (DRP).

This course is your one source for certification preparation that includes:

- Official (ISC)2 SSCP Training Handbook
- Official (ISC)2 SSCP Flash Cards
- SSCP Certification Exam Voucher

Objectives

After taking this course, students will be able to understand the seven domains required to pass the SSCP exam:

- Access Control
- Security Operations and Administration
- Risk Identification, Monitoring, and Analysis
- Incident Response and Recovery
- Cryptography
- Networks and Communications Security
- Systems and Application Security

Topics

- Access Controls
- Security Operations and Administration
- Risk Identification, Monitoring, and Analysis
- Incident Response and Recovery
- Cryptography
- Networks and Communications Security
- Systems and Application Security

Audience

This course is designed for:

- Network security engineers
- Security administrators
- Security analysts
- Systems engineers
- Network administrators
- Systems administrators
- Security specialists
- Systems/network analysts
- Security consultants
- Database administrators

Prerequisites

There are no prerequisites for this course.

Duration

Five days

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... to Your Success!"

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Course Outline

I. Access Controls
- A. Apply Logical Access Control in Terms of Subjects
- B. Apply Logical Access Controls in Terms of Objects of Object Groups
- C. Implement Authentication Mechanisms
- D. Operate Internetwork Trust Architectures
- E. Administer Identify Management Life Cycle
- F. Implement Access Controls

II. Security Operations and Administration
- A. Understand and Comply with Code of Ethics
- B. Understand Security Concepts
- C. Document and Operate Security Controls
- D. Participate in Asset Management
- E. Implement and Assess Compliance with Controls
- F. Participate in Change Management Duties
- G. Participate in Security Awareness Training
- H. Participate in Physical Security Operations

III. Risk Identification, Monitoring, and Analysis
- A. Understand the Risk Management Process
- B. Perform Security Assessment Activities
- C. Operate and Maintain Monitoring Systems
- D. Analyze and Report Monitoring Results

IV. Incident Response and Recovery
- A. Participate in Incident Handling
- B. Understand and Support Forensics Investigations
- C. Understand and Support Business Continuity (BCP) and Disaster Recovery Plan (DRP)

V. Cryptography
- A. Understand and Apply Fundamental Concepts of Cryptography
- B. Understand Requirements for Cryptography
- C. Operate and Implement Cryptographic Systems

VI. Networks and Communications Security
- A. Understand Security Issues Related to Networks
- B. Protect Telecommunications Technologies
- C. Control Network Access
- D. Manage LAN-Based Security
- E. Operate and Configure Network-Based Security Devices
- F. Implement and Operate Wireless Technologies

VII. Systems and Application Security
- A. Identify and Analyze Malicious Code and Activity
- B. Implement and Operate Endpoint Device Security
- C. Operate and Configure Cloud Security
- D. Secure Big Data Systems
- E. Operate and Secure Virtual Environments

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