SYSTEMS SECURITY CERITIFIED PROFESSIONAL

AN ISC² CERTIFICATION

TRAINING DATASHEET

Elevate your cybersecurity career with the SSCP certification.

Earning the SSCP certification confirms a practitioner's ability to implement, monitor and administer IT infrastructure in accordance with information security policies and procedures that ensure data confidentiality, integrity and availability.

COURSE SYPNOSIS

The Systems Security Certified Professional (SSCP) Exam Preparation course is an intensive and interactive examination preparation program to prepare individuals who are planning to sit for the Systems Security Certified Professional (SSCP) exam.

The Systems Security Certified Practitioner (SSCP) is the ideal certification for those with proven technical skills and practical, hands-on security knowledge in operational IT roles. It provides confirmation of a practitioner's ability to implement, monitor and administer IT infrastructure in accordance with information security policies and procedures that ensure data confidentiality, integrity and availability.

The broad spectrum of topics included in the SSCP Common Body of Knowledge (CBK) ensure its relevancy across all disciplines in the field of information security.

SSCP
Systems
Security
Certified
Practitioner

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SSCP Detailed Course Outline

1. Introduction
- Students & Trainer Introduction
- Who Should Take This Course?
- About (ISC)2
- SSCP Certification
- SSCP Examination
- CBK Review, Domain and Function Areas

2. Access Controls
- Implement and maintain authentication methods
- Support internetwork trust architectures
- Participate in the identity management lifecycle
- Implement access controls

3. Security Operations and Administration
- Comply with codes of ethics
- Understand security concepts
- Document, implement, and maintain functional security controls
- Participate in asset management
- Implement security controls and assess compliance
- Participate in change management
- Participate in security awareness and training
- Participate in physical security operations (e.g., data center assessment, badging)

4. Risk Identification, Monitoring and Analysis
- Understand the risk management process
- Perform security assessment activities
- Operate and maintain monitoring systems (e.g., continuous monitoring)
- Analyze monitoring results

5. Incident Response and Recovery
- Support incident lifecycle
- Understand and support forensic investigations
- Understand and support Business Continuity Plan (BCP) and Disaster Recovery Plan (DRP) activities

6. Cryptography
- Understand fundamental concepts of cryptography
- Understand reasons and requirements for cryptography
- Understand and support secure protocols
- Understand Public Key Infrastructure (PKI) systems

7. Network and Communications Security
- Understand and apply fundamental concepts of networking
- Understand network attacks and countermeasures (e.g., DDoS, man-in-the-middle, DNS poisoning)
- Manage network access controls
- Manage network security
- Operate and configure network-based security devices
- Operate and configure wireless technologies (e.g., bluetooth, NFC, WiFi)

8. Systems and Applications Security
- Identify and analyze malicious code and activity
- Implement and operate endpoint device security
- Operate and configure cloud security
- Operate and secure virtual environments

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DURATION

5 Days Instructor Led Classroom Training

COURSE OBJECTIVES

Participants in the SSCP Exam Preparation course will be provided instruction designed to provide the following:

- An understanding of the format and structure of the SSCP certification exam.
- A knowledge of the various topics and technical areas covered by the exam.
- Practice with specific strategies, tips and techniques for taking and passing the exam
- Opportunities to execute practice questions with debriefs of answers

WHO SHOULD ATTEND

The SSCP course is ideal Network Security Engineers, Systems/Network Administrators, Security Analyst, Systems Engineers, Security Consultant/Specialists, Security Administrators, Systems/Network Analysts, Database Administrator

OUTLINE

The SSCP Exam Preparation Course comprises ten primary sections, covering the following topics:

- General Examination Information
- Access Controls
- Security Operations and Administration
- Risk Identification, Monitoring, and Analysis
- Incident Response and Recovery
- Cryptography
- Network and Communications Security
- Systems and Application Security
- Examination Practice

CERTIFICATION

Delegates who successfully completed the course and pass the exam will be allowed to apply for formal SSCP accreditation from ISC[2]

PRE-REQUISITES

There are no prerequisite requirements for taking the SSCP Exam Preparation Course or the SSCP exam; however, in order to apply for SSCP certification, the candidate must meet the necessary experience requirements determined by ISC[2].

PRE COURSE READING MATERIAL

There are no pre-course reading materials needed for this course although candidates are encouraged review the ISC[2] SSCP Common Book of Knowledge (CBK) available.

EXAMINATION FORMAT

- Multiple Choice and Advanced Innovative Questions
- 125 questions
- 3 hours duration
- Maximum Possible Score of 1000 points
- 700 points required to pass

CONTACT US

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