SSCP CERTIFICATION PREP COURSE

Course Code: 1642

Learn to implement, monitor and administer IT infrastructure in accordance with information security policies to prepare for the SSCP certification.

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 SSCP certification prep 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 supports a certification that is a DoD Approved 8570 Baseline Certification and meets DoD 8140/8570 training requirements.

Global Knowledge is independent of and not affiliated with (ISC)2.

What You’ll Learn

In-depth coverage of the seven domains required to pass the SSCP exam:

1. Access Control
2. Security Operations and Administration
3. Risk Identification, Monitoring, and Analysis
4. Incident Response and Recovery
5. Cryptography
6. Networks and Communications Security
7. Systems and Application Security

Who Needs to Attend

- Network security engineer
- Security administrator
- Security analyst
- Systems engineer
- Network administrator
• Systems administrator
• Security specialist
• Systems/network analyst
• Security consultant
• Database administrator

Prerequisites
• Systems administration experience
• Familiarity with TCP/IP
• An understanding of UNIX, Linux, and Windows
• Intermediate-level knowledge of network security concepts
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Virtual Classroom Live Outline

1. Access Controls
   • Apply Logical Access Control in Terms of Subjects
   • Apply Logical Access Controls in Terms of Objects of Object Groups
   • Implement Authentication Mechanisms
   • Operate Internetwork Trust Architectures
   • Administer Identify Management Life Cycle
   • Implement Access Controls

2. Security Operations and Administration
   • Understand and Comply with Code of Ethics
   • Understand Security Concepts
   • Document and Operate Security Controls
   • Participate in Asset Management
   • Implement and Assess Compliance with Controls
   • Participate in Change Management Duties
   • Participate in Security Awareness Training
   • Participate in Physical Security Operations

3. Risk Identification, Monitoring, and Analysis
   • Understand the Risk Management Process
   • Perform Security Assessment Activities
   • Operate and Maintain Monitoring Systems
   • Analyze and Report Monitoring Results

4. Incident Response and Recovery
   • Participate in Incident Handling
   • Understand and Support Forensics Investigations
   • Understand and Support Business Continuity (BCP) and Disaster Recovery Plan (DRP)

5. Cryptography
• Understand and Apply Fundamental Concepts of Cryptography
• Understand Requirements for Cryptography
• Operate and Implement Cryptographic Systems

6. Networks and Communications Security
• Understand Security Issues Related to Networks
• Protect Telecommunications Technologies
• Control Network Access
• Manage LAN-Based Security
• Operate and Configure Network-Based Security Devices
• Implement and Operate Wireless Technologies

7. Systems and Application Security
• Identify and Analyze Malicious Code and Activity
• Implement and Operate Endpoint Device Security
• Operate and Configure Cloud Security
• Secure Big Data Systems
• Operate and Secure Virtual Environments

Sep 21 - 25, 2020 | 8:30 AM - 4:30 PM EST
Oct 5 - 9, 2020 | 8:30 AM - 4:30 PM EST
Dec 7 - 11, 2020 | 8:30 AM - 4:30 PM EST
Dec 14 - 18, 2020 | 11:30 AM - 7:30 PM EST
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On-Demand Outline

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PRIVATE GROUP TRAINING 5 days

Visit us at www.globalknowledge.com or call us at 1-866-716-6688.

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