

## **SSCP Certification**

### **1. 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

### **2. Security Operations and Administration**

- . Understand and Comply with Code of Ethics
  - a. Understand Security Concepts
  - b. Document and Operate Security Controls
  - c. Participate in Asset Management
  - d. Implement and Assess Compliance with Controls
  - e. Participate in Change Management Duties
  - f. Participate in Security Awareness Training
  - g. Participate in Physical Security Operations

### **3. Risk Identification, Monitoring, and Analysis**

- . Understand the Risk Management Process
  - a. Perform Security Assessment Activities
  - b. Operate and Maintain Monitoring Systems
  - c. Analyze and Report Monitoring Results

### **4. Incident Response and Recovery**

- . Participate in Incident Handling
  - a. Understand and Support Forensics Investigations
  - b. Understand and Support Business Continuity (BCP) and Disaster Recovery Plan (DRP)

### **5. Cryptography**

- . Understand and Apply Fundamental Concepts of Cryptography
  - a. Understand Requirements for Cryptography
  - b. Operate and Implement Cryptographic Systems

### **6. Networks and Communications Security**

- . Understand Security Issues Related to Networks
  - a. Protect Telecommunications Technologies
  - b. Control Network Access
  - c. Manage LAN-Based Security
  - d. Operate and Configure Network-Based Security Devices
  - e. Implement and Operate Wireless Technologies

**7. Systems and Application Security**

- . Identify and Analyze Malicious Code and Activity
  - a. Implement and Operate Endpoint Device Security
  - b. Operate and Configure Cloud Security
  - c. Secure Big Data Systems
  - d. Operate and Secure Virtual Environments