

INFOSOFT IT SOLUTIONS

Training | Projects | Placements

Revathi Apartments, Ameerpet, 1st Floor, Opposite Annapurna Block,

Infosoft It solutions, Software Training & Development Institute, **9059683947 | 9182540872**

Cisco CCNA Cyber Ops

SECFND (210-250) - Understanding Cisco Cybersecurity Fundamentals

Security Concepts

- Understand common security principles
- Understand the CIA triad (Confidentiality, Integrity, Availability)
- Understand security concerns for different types of data (e.g., PII, PHI, intellectual property)
- Define the key terms and concepts of security in the network

Network Concepts

- Describe the function of the network protocols and services
- Apply networking concepts to a security posture
- Compare and contrast network topologies, types, and technologies
- Apply the basic network security models
- Describe network segmentation and its application

Cryptography

- Describe cryptographic concepts and terms
- Describe key exchange
- Describe hash algorithm
- Compare and contrast symmetric and asymmetric encryption

Host-Based Analysis

- Compare and contrast endpoint threat detection and security monitoring tools
- Describe the key concepts of host-based security
- Analyze the key concepts of endpoint security

Security Monitoring

- Define the key concepts of security monitoring
- Compare and contrast security monitoring and event correlation
- Identify the challenges in monitoring the environment

Security Policies and Procedures

- Identify the primary sources of security policies and procedures
- Describe the business and legal risk associated with the policy
- Describe the key steps to secure policy development

Incident Response

- Define the concepts of incident response
- Define the key principles of communication during an incident
- Describe the key terms and concepts of computer evidence

Security Operations

- Describe the key principles of confidentiality, integrity, and availability
- Describe the security policy framework
- Define the key terms and concepts of defense in depth

SECOPS (210-255) - Implementing Cisco Cybersecurity Operations

Endpoint Threat Analysis and Computer Forensics

- Analyze information and event reports
- Define and analyze the key terms and concepts of computer forensics
- Compare and contrast different types of computer forensic evidence

Network Intrusion Analysis

- Describe the key concepts of network intrusion analysis
- Describe the key terms and concepts of network intrusion detection and prevention
- Define and analyze the key terms and concepts of network intrusion detection and prevention

Incident Response

- Define the key terms and concepts of incident response
- Define and analyze the key terms and concepts of incident response management
- Define and analyze the key terms and concepts of incident response management