

Security + Domain 1 - Network Security

Lab1: Network Devices and Technologies - Capturing Network Traffic

Objective 1.1: Explain the security function and purpose of network devices and technologies

Lab2: Secure Network Administration Principles - Log Analysis

Objective 1.2: Apply and implement secure network administration principles

Lab 3: Protocols and Default Network Ports - Transferring Data Using TCP/IP

Objective 1.4: Implement and use common protocols

Objective 1.5: Identify commonly used default network ports

Lab 4: Protocols and Default Network Ports - Connecting to a Remote System

Objective 1.4: Implement and use common protocols

Objective 1.5: Identify commonly used default network ports

Lab 5: Secure Implementation of Wireless Networking

Objective 1.6: Implement wireless network in a secure manner

Security+ Domain 2 - Compliance and Operational Security

Lab6: Incident Response Procedures

Objective 2.3 Execute appropriate Incident Response Procedures

Security+ Domain 3 - Threats and Vulnerabilities

Lab 7: Analyze and Differentiate Types of Malware

Objective 3.1: Analyze and differentiate among types of malware

Lab 8: Analyze and Differentiate Types of Attacks Using Window Commands

Objective 3.2: Analyze and differentiate among types of attacks

Lab 9: Analyze and Differentiate Types of Application Attacks

Objective 3.5: Analyze and differentiate among types of application attacks

Lab 10: Mitigation and Deterrent Techniques - Anti Forensic

Objective 3.6: Analyze and differentiate among types of mitigation and deterrent techniques

Lab 11: Mitigation and Deterrent Techniques - Password Cracking

Objective 3.6: Analyze and differentiate among types of mitigation and deterrent techniques

Lab 12: Discovering Security Threats and Vulnerabilities

Objective 3.7: Implement assessment tools+ techniques to discover security threats + vulnerabilities

Security+ Domain 4 - Application, Data and Host Security

Lab 13: Importance of Data Security - Data Theft

Objective 4.3: Explain the importance of data security

Lab 14: Importance of Data Security - Securing Data Using Encryption Software

Objective 4.3: Explain the importance of data security

Security+ Domain 5 - Access Control and Identity Management

Lab 15: Authentication, Authorization and Access Control

Objective 5.3: Explain the fundamental concepts and best practices related to authentication, authorization and access control.

Security+ Domain 6 - Cryptography

Lab 16: General Cryptography Concepts

Objective 6.1: Summarize General Cryptography Concepts