



COMPTIA SECURITY+ SY0-701



1.0 General Security Concepts

- 1.1-Compare and contrast various types of security controls.
- 1.2-Summarize fundamental security concepts.
- 1.3-Explain the importance of change management processes and the impact to security.
- 1.4-Explain the importance of using appropriate cryptographic solutions.



2.0 Threats, Vulnerabilities, and Mitigations

- 2.1-Compare and contrast common threat actors and motivations.
- 2.2-Explain common threat vectors and attack surfaces.
- 2.3-Explain various types of vulnerabilities.
- 2.4-Given a scenario, analyze indicators of malicious activity.
- 2.5-Explain the purpose of mitigation techniques used to secure the enterprise.



3.0 Security Architecture

- 3.1-Compare and contrast security implications of different architecture models.
- 3.2-Given a scenario, apply security principles to secure enterprise infrastructure.
- 3.3-Compare and contrast concepts and strategies to protect data.
- 3.4-Explain the importance of resilience and recovery in security architecture.



4.0 Security Operations

- 4.1-Given a scenario, apply common security techniques to computing resources.
- 4.2-Explain the security implications of proper hardware, software, and data asset management.
- 4.3-Explain various activities associated with vulnerability management.
- 4.4-Explain security alerting and monitoring concepts and tools.
- 4.5-Given a scenario, modify enterprise capabilities to enhance security.
- 4.6-Given a scenario, implement and maintain identity and access management.
- 4.7-Explain the importance of automation and orchestration related to secure operations.
- 4.8-Explain appropriate incident response activities.
- 4.9-Given a scenario, use data sources to support an investigation.



5.0 Security Program Management and Oversight

- 5.1-Summarize elements of effective security governance.
- 5.2-Explain elements of the risk management process.
- 5.3-Explain the processes associated with third-party risk assessment and management.
- 5.4-Summarize elements of effective security compliance.
- 5.5-Explain types and purposes of audits and assessments.
- 5.6-Given a scenario, implement security awareness practices.