

EDUSUM

#1 Online Certification Guide

Excel at SY0-701 Security Plus Exam: Proven Study Methods for Triumph

**CompTIA Security Plus
CERTIFICATION QUESTIONS &
ANSWERS**

**Get Instant Access to Vital Exam
Acing Materials | Study Guide |
Sample Questions | Practice
Test**

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Getting Ready for the SY0-701 Exam:

Use proven study tips and techniques to prepare for the SY0-701 exam confidently. Boost your readiness, improve your understanding regarding the Core, and increase your chances of success in the CompTIA Security+ with our comprehensive guide. Start your journey towards exam excellence today.

CompTIA Security+ Certification Details:

Exam Name	CompTIA Security+
Exam Code	SY0-701
Exam Price	\$404 (USD)
Duration	90 mins
Number of Questions	90
Passing Score	750 / 900
Books / Training	CompTIA Security+ Certification Training CertMaster Learn for Security+ Training
Schedule Exam	Pearson VUE
Sample Questions	CompTIA Security+ Sample Questions
Practice Exam	CompTIA SY0-701 Certification Practice Exam

Explore SY0-701 Syllabus:

Topic	Details
General Security Concepts - 12%	
Compare and contrast various types of security controls.	<ul style="list-style-type: none"> - Categories <ul style="list-style-type: none"> • Technical • Managerial • Operational • Physical - Control types <ul style="list-style-type: none"> • Preventive • Deterrent • Detective • Corrective • Compensating • Directive
Summarize fundamental security	<ul style="list-style-type: none"> - Confidentiality, Integrity, and Availability (CIA) - Non-repudiation

Topic	Details
concepts.	<ul style="list-style-type: none"> - Authentication, Authorization, and Accounting (AAA) <ul style="list-style-type: none"> • Authenticating people • Authenticating systems • Authorization models - Gap analysis - Zero Trust <ul style="list-style-type: none"> • Control Plane <ol style="list-style-type: none"> 1. Adaptive identity 2. Threat scope reduction 3. Policy-driven access control 4. Policy Administrator 5. Policy Engine • Data Plane <ol style="list-style-type: none"> 1. Implicit trust zones 2. Subject/System 3. Policy Enforcement Point - Physical security <ul style="list-style-type: none"> • Bollards • Access control vestibule • Fencing • Video surveillance • Security guard • Access badge • Lighting • Sensors <ol style="list-style-type: none"> 1. Infrared 2. Pressure 3. Microwave 4. Ultrasonic - Deception and disruption technology <ul style="list-style-type: none"> • Honeypot • Honeynet • Honeyfile • Honeytoken
Explain the importance of change	<ul style="list-style-type: none"> - Business processes impacting security operation

Topic	Details
management processes and the impact to security.	<ul style="list-style-type: none"> • Approval process • Ownership • Stakeholders • Impact analysis • Test results • Backout plan • Maintenance window • Standard operating procedure <p>- Technical implications</p> <ul style="list-style-type: none"> • Allow lists/deny lists • Restricted activities • Downtime • Service restart • Application restart • Legacy applications • Dependencies <p>- Documentation</p> <ul style="list-style-type: none"> • Updating diagrams • Updating policies/procedures <p>- Version control</p>
Explain the importance of using appropriate cryptographic solutions.	<p>- Public key infrastructure (PKI)</p> <ul style="list-style-type: none"> • Public key • Private key • Key escrow <p>- Encryption</p> <ul style="list-style-type: none"> • Level <ol style="list-style-type: none"> 1. Full-disk 2. Partition 3. File 4. Volume 5. Database 6. Record • Transport/communication

Topic	Details
	<ul style="list-style-type: none"> • Asymmetric • Symmetric • Key exchange • Algorithms • Key length <p>- Tools</p> <ul style="list-style-type: none"> • Trusted Platform Module (TPM) • Hardware security module (HSM) • Key management system • Secure enclave <p>- Obfuscation</p> <ul style="list-style-type: none"> • Steganography • Tokenization • Data masking <p>- Hashing</p> <p>- Salting</p> <p>- Digital signatures</p> <p>- Key stretching</p> <p>- Blockchain</p> <p>- Open public ledger</p> <p>- Certificates</p> <ul style="list-style-type: none"> • Certificate authorities • Certificate revocation lists (CRLs) • Online Certificate Status Protocol (OCSP) • Self-signed • Third-party • Root of trust • Certificate signing request (CSR) generation • Wildcard
<p>Threats, Vulnerabilities, and Mitigations - 22%</p>	
<p>Compare and contrast common threat actors and motivations.</p>	<p>- Threat actors</p> <ul style="list-style-type: none"> • Nation-state • Unskilled attacker • Hactivist

Topic	Details
	<ul style="list-style-type: none"> • Insider threat • Organized crime • Shadow IT <p>- Attributes of actors</p> <ul style="list-style-type: none"> • Internal/external • Resources/funding • Level of sophistication/capability <p>- Motivations</p> <ul style="list-style-type: none"> • Data exfiltration • Espionage • Service disruption • Blackmail • Financial gain • Philosophical/political beliefs • Ethical • Revenge • Disruption/chaos • War
<p>Explain common threat vectors and attack surfaces.</p>	<p>- Message-based</p> <ul style="list-style-type: none"> • Email • Short Message Service (SMS) • Instant messaging (IM) <p>- Image-based</p> <p>- File-based</p> <p>- Voice call</p> <p>- Removable device</p> <p>- Vulnerable software</p> <ul style="list-style-type: none"> • Client-based vs. agentless <p>- Unsupported systems and applications</p> <p>- Unsecure networks</p> <ul style="list-style-type: none"> • Wireless • Wired • Bluetooth <p>- Open service ports</p>

Topic	Details
	<ul style="list-style-type: none"> - Default credentials - Supply chain <ul style="list-style-type: none"> • Managed service providers (MSPs) • Vendors • Suppliers - Human vectors/social engineering <ul style="list-style-type: none"> • Phishing • Vishing • Smishing • Misinformation/disinformation • Impersonation • Business email compromise • Pretexting • Watering hole • Brand impersonation • Typosquatting
<p>Explain various types of vulnerabilities.</p>	<ul style="list-style-type: none"> - Application <ul style="list-style-type: none"> • Memory injection • Buffer overflow • Race conditions <ol style="list-style-type: none"> 1. Time-of-check (TOC) 2. Time-of-use (TOU) • Malicious update - Operating system (OS)-based - Web-based <ul style="list-style-type: none"> • Structured Query Language injection (SQLi) • Cross-site scripting (XSS) - Hardware <ul style="list-style-type: none"> • Firmware • End-of-life • Legacy - Virtualization <ul style="list-style-type: none"> • Virtual machine (VM) escape

Topic	Details
	<ul style="list-style-type: none"> • Resource reuse - Cloud-specific - Supply chain <ul style="list-style-type: none"> • Service provider • Hardware provider • Software provider - Cryptographic - Misconfiguration - Mobile device <ul style="list-style-type: none"> • Side loading • Jailbreaking - Zero-day
<p>Given a scenario, analyze indicators of malicious activity.</p>	<ul style="list-style-type: none"> - Malware attacks <ul style="list-style-type: none"> • Ransomware • Trojan • Worm • Spyware • Bloatware • Virus • Keylogger • Logic bomb • Rootkit - Physical attacks <ul style="list-style-type: none"> • Brute force • Radio frequency identification (RFID) cloning • Environmental - Network attacks <ul style="list-style-type: none"> • Distributed denial-of-service (DDoS) <ol style="list-style-type: none"> 1. Amplified 2. Reflected • Domain Name System (DNS) attacks • Wireless • On-path • Credential replay

Topic	Details
	<ul style="list-style-type: none"> • Malicious code - Application attacks <ul style="list-style-type: none"> • Injection • Buffer overflow • Replay • Privilege escalation • Forgery • Directory traversal - Cryptographic attacks <ul style="list-style-type: none"> • Downgrade • Collision • Birthday - Password attacks <ul style="list-style-type: none"> • Spraying • Brute force - Indicators <ul style="list-style-type: none"> • Account lockout • Concurrent session usage • Blocked content • Impossible travel • Resource consumption • Resource inaccessibility • Out-of-cycle logging • Published/documented • Missing logs
<p>Explain the purpose of mitigation techniques used to secure the enterprise.</p>	<ul style="list-style-type: none"> - Segmentation - Access control <ul style="list-style-type: none"> • Access control list (ACL) • Permissions - Application allow list - Isolation - Patching - Encryption - Monitoring

Topic	Details
	<ul style="list-style-type: none"> - Least privilege - Configuration enforcement - Decommissioning - Hardening techniques <ul style="list-style-type: none"> • Encryption • Installation of endpoint protection • Host-based firewall • Host-based intrusion prevention system (HIPS) • Disabling ports/protocols • Default password changes • Removal of unnecessary software
Security Architecture - 18%	
<p>Compare and contrast security implications of different architecture models.</p>	<ul style="list-style-type: none"> - Architecture and infrastructure concepts <ul style="list-style-type: none"> • Cloud <ol style="list-style-type: none"> 1. Responsibility matrix 2. Hybrid considerations 3. Third-party vendors • Infrastructure as code (IaC) • Serverless • Microservices • Network infrastructure <ol style="list-style-type: none"> 1. Physical isolation <ul style="list-style-type: none"> - Air-gapped 2. Logical segmentation 3. Software-defined networking (SDN) • On-premises • Centralized vs. decentralized • Containerization • Virtualization • IoT • Industrial control systems (ICS)/supervisory control and data acquisition (SCADA) • Real-time operating system (RTOS) • Embedded systems • High availability - Considerations

Topic	Details
	<ul style="list-style-type: none"> • Availability • Resilience • Cost • Responsiveness • Scalability • Ease of deployment • Risk transference • Ease of recovery • Patch availability • Inability to patch • Power • Compute
<p>Given a scenario, apply security principles to secure enterprise infrastructure.</p>	<p>- Infrastructure considerations</p> <ul style="list-style-type: none"> • Device placement • Security zones • Attack surface • Connectivity • Failure modes <ol style="list-style-type: none"> 1. Fail-open 2. Fail-closed • Device attribute <ol style="list-style-type: none"> 1. Active vs. passive 2. Inline vs. tap/monitor • Network appliances <ol style="list-style-type: none"> 1. Jump server 2. Proxy server 3. Intrusion prevention system (IPS)/intrusion detection system (IDS) 4. Load balancer 5. Sensors • Port security <ol style="list-style-type: none"> 1. 802.1X 2. Extensible Authentication Protocol (EAP) • Firewall types <ol style="list-style-type: none"> 1. Web application firewall (WAF) 2. Unified threat management (UTM) 3. Next-generation firewall (NGFW) 4. Layer 4/Layer 7

Topic	Details
	<ul style="list-style-type: none"> - Secure communication/access <ul style="list-style-type: none"> • Virtual private network (VPN) • Remote access • Tunneling <ol style="list-style-type: none"> 1. Transport Layer Security (TLS) 2. Internet protocol security (IPSec) • Software-defined wide area network (SD-WAN) • Secure access service edge (SASE) - Selection of effective controls
Compare and contrast concepts and strategies to protect data.	<ul style="list-style-type: none"> - Data types <ul style="list-style-type: none"> • Regulated • Trade secret • Intellectual property • Legal information • Financial information • Human- and non-human-readable - Data classifications <ul style="list-style-type: none"> • Sensitive • Confidential • Public • Restricted • Private • Critical - General data considerations <ul style="list-style-type: none"> • Data states <ol style="list-style-type: none"> 1. Data at rest 2. Data in transit 3. Data in use • Data sovereignty • Geolocation - Methods to secure data <ul style="list-style-type: none"> • Geographic restrictions • Encryption

Topic	Details
	<ul style="list-style-type: none"> • Hashing • Masking • Tokenization • Obfuscation • Segmentation • Permission restrictions
<p>Explain the importance of resilience and recovery in security architecture.</p>	<ul style="list-style-type: none"> - High availability <ul style="list-style-type: none"> • Load balancing vs. clustering - Site considerations <ul style="list-style-type: none"> • Hot • Cold • Warm • Geographic dispersion - Platform diversity - Multi-cloud systems - Continuity of operations - Capacity planning <ul style="list-style-type: none"> • People • Technology • Infrastructure - Testing <ul style="list-style-type: none"> • Tabletop exercises • Fail over • Simulation • Parallel processing - Backups <ul style="list-style-type: none"> • Onsite/offsite • Frequency • Encryption • Snapshots • Recovery • Replication • Journaling

Topic	Details
	<ul style="list-style-type: none"> - Power <ul style="list-style-type: none"> • Generators • Uninterruptible power supply (UPS)
Security Operations - 28%	
<p>Given a scenario, apply common security techniques to computing resources.</p>	<ul style="list-style-type: none"> - Secure baselines <ul style="list-style-type: none"> • Establish • Deploy • Maintain - Hardening targets <ul style="list-style-type: none"> • Mobile devices • Workstations • Switches • Routers • Cloud infrastructure • Servers • ICS/SCADA • Embedded systems • RTOS • IoT devices - Wireless devices <ul style="list-style-type: none"> • Installation considerations <ol style="list-style-type: none"> 1. Site surveys 2. Heat maps - Mobile solutions <ul style="list-style-type: none"> • Mobile device management (MDM) • Deployment models <ol style="list-style-type: none"> 1. Bring your own device (BYOD) 2. Corporate-owned, personally enabled (COPE) 3. Choose your own device (CYOD) • Connection methods <ol style="list-style-type: none"> 1. Cellular 2. Wi-Fi 3. Bluetooth

Topic	Details
	<ul style="list-style-type: none"> - Wireless security settings <ul style="list-style-type: none"> • Wi-Fi Protected Access 3 (WPA3) • AAA/Remote Authentication Dial-In User Service (RADIUS) • Cryptographic protocols • Authentication protocols - Application security <ul style="list-style-type: none"> • Input validation • Secure cookies • Static code analysis • Code signing - Sandboxing - Monitoring
<p>Explain the security implications of proper hardware, software, and data asset management.</p>	<ul style="list-style-type: none"> - Acquisition/procurement process - Assignment/accounting <ul style="list-style-type: none"> • Ownership • Classification - Monitoring/asset tracking <ul style="list-style-type: none"> • Inventory • Enumeration - Disposal/decommissioning <ul style="list-style-type: none"> • Sanitization • Destruction • Certification • Data retention
<p>Explain various activities associated with vulnerability management.</p>	<ul style="list-style-type: none"> - Identification methods <ul style="list-style-type: none"> • Vulnerability scan • Application security <ol style="list-style-type: none"> 1. Static analysis 2. Dynamic analysis 3. Package monitoring • Threat feed <ol style="list-style-type: none"> 1. Open-source intelligence (OSINT)

Topic	Details
	<ul style="list-style-type: none"> 2. Proprietary/third-party 3. Information-sharing organization 4. Dark web • Penetration testing • Responsible disclosure program <ul style="list-style-type: none"> 1. Bug bounty program • System/process audit <p>- Analysis</p> <ul style="list-style-type: none"> • Confirmation <ul style="list-style-type: none"> 1. False positive 2. False negative • Prioritize • Common Vulnerability Scoring System (CVSS) • Common Vulnerability Enumeration (CVE) • Vulnerability classification • Exposure factor • Environmental variables • Industry/organizational impact • Risk tolerance <p>- Vulnerability response and remediation</p> <ul style="list-style-type: none"> • Patching • Insurance • Segmentation • Compensating controls • Exceptions and exemptions <p>- Validation of remediation</p> <ul style="list-style-type: none"> • Rescanning • Audit • Verification <p>- Reporting</p>
<p>Explain security alerting and monitoring concepts and tools.</p>	<p>- Monitoring computing resources</p> <ul style="list-style-type: none"> • Systems • Applications • Infrastructure

Topic	Details
	<ul style="list-style-type: none"> - Activities <ul style="list-style-type: none"> • Log aggregation • Alerting • Scanning • Reporting • Archiving • Alert response and remediation/validation <ol style="list-style-type: none"> 1. Quarantine 2. Alert tuning - Tools <ul style="list-style-type: none"> • Security Content Automation Protocol (SCAP) • Benchmarks • Agents/agentless • Security information and event management (SIEM) • Antivirus • Data loss prevention (DLP) • Simple Network Management Protocol (SNMP) traps • NetFlow • Vulnerability scanners
<p>Given a scenario, modify enterprise capabilities to enhance security.</p>	<ul style="list-style-type: none"> - Firewall <ul style="list-style-type: none"> • Rules • Access lists • Ports/protocols • Screened subnets - IDS/IPS <ul style="list-style-type: none"> • Trends • Signatures - Web filter <ul style="list-style-type: none"> • Agent-based • Centralized proxy • Universal Resource Locator (URL) scanning • Content categorization

Topic	Details
	<ul style="list-style-type: none"> • Block rules • Reputation - Operating system security <ul style="list-style-type: none"> • Group Policy • SELinux - Implementation of secure protocols <ul style="list-style-type: none"> • Protocol selection • Port selection • Transport method - DNS filtering - Email security <ul style="list-style-type: none"> • Domain-based Message Authentication Reporting and Conformance (DMARC) • DomainKeys Identified Mail (DKIM) • Sender Policy Framework (SPF) • Gateway - File integrity monitoring - DLP - Network access control (NAC) - Endpoint detection and response (EDR)/extended detection and response (XDR) - User behavior analytics
<p>Given a scenario, implement and maintain identity and access management.</p>	<ul style="list-style-type: none"> - Provisioning/de-provisioning user accounts - Permission assignments and implications - Identity proofing - Federation - Single sign-on (SSO) <ul style="list-style-type: none"> • Lightweight Directory Access Protocol (LDAP) • Open authorization (OAuth) • Security Assertions Markup Language (SAML) - Interoperability - Attestation - Access controls <ul style="list-style-type: none"> • Mandatory • Discretionary

Topic	Details
	<ul style="list-style-type: none"> • Role-based • Rule-based • Attribute-based • Time-of-day restrictions • Least privilege <p>- Multifactor authentication</p> <ul style="list-style-type: none"> • Implementations <ol style="list-style-type: none"> 1. Biometrics 2. Hard/soft authentication tokens 3. Security keys • Factors <ol style="list-style-type: none"> 1. Something you know 2. Something you have 3. Something you are 4. Somewhere you are <p>- Password concepts</p> <ul style="list-style-type: none"> • Password best practices <ol style="list-style-type: none"> 1. Length 2. Complexity 3. Reuse 4. Expiration 5. Age • Password managers • Passwordless <p>- Privileged access management tools</p> <ul style="list-style-type: none"> • Just-in-time permissions • Password vaulting • Ephemeral credentials
<p>Explain the importance of automation and orchestration related to secure operations.</p>	<p>- Use cases of automation and scripting</p> <ul style="list-style-type: none"> • User provisioning • Resource provisioning • Guard rails • Security groups • Ticket creation • Escalation

Topic	Details
	<ul style="list-style-type: none"> • Enabling/disabling services and access • Continuous integration and testing • Integrations and Application programming interfaces (APIs) <p>- Benefits</p> <ul style="list-style-type: none"> • Efficiency/time saving • Enforcing baselines • Standard infrastructure configurations • Scaling in a secure manner • Employee retention • Reaction time • Workforce multiplier <p>- Other considerations</p> <ul style="list-style-type: none"> • Complexity • Cost • Single point of failure • Technical debt • Ongoing supportability
<p>Explain appropriate incident response activities.</p>	<p>- Process</p> <ul style="list-style-type: none"> • Preparation • Detection • Analysis • Containment • Eradication • Recovery • Lessons learned <p>- Training</p> <p>- Testing</p> <ul style="list-style-type: none"> • Tabletop exercise • Simulation <p>- Root cause analysis</p> <p>- Threat hunting</p> <p>- Digital forensics</p> <ul style="list-style-type: none"> • Legal hold

Topic	Details
	<ul style="list-style-type: none"> • Chain of custody • Acquisition • Reporting • Preservation • E-discovery
<p>Given a scenario, use data sources to support an investigation.</p>	<ul style="list-style-type: none"> - Log data <ul style="list-style-type: none"> • Firewall logs • Application logs • Endpoint logs • OS-specific security logs • IPS/IDS logs • Network logs • Metadata - Data sources <ul style="list-style-type: none"> • Vulnerability scans • Automated reports • Dashboards • Packet captures
<p>Security Program Management and Oversight - 20%</p>	
<p>Summarize elements of effective security governance.</p>	<ul style="list-style-type: none"> - Guidelines - Policies <ul style="list-style-type: none"> • Acceptable use policy (AUP) • Information security policies • Business continuity • Disaster recovery • Incident response • Software development lifecycle (SDLC) • Change management - Standards <ul style="list-style-type: none"> • Password • Access control • Physical security • Encryption

Topic	Details
	<ul style="list-style-type: none"> - Procedures <ul style="list-style-type: none"> • Change management • Onboarding/offboarding • Playbooks - External considerations <ul style="list-style-type: none"> • Regulatory • Legal • Industry • Local/regional • National • Global - Monitoring and revision - Types of governance structures <ul style="list-style-type: none"> • Boards • Committees • Government entities • Centralized/decentralized - Roles and responsibilities for systems and data <ul style="list-style-type: none"> • Owners • Controllers • Processors • Custodians/stewards
<p>Explain elements of the risk management process.</p>	<ul style="list-style-type: none"> - Risk identification - Risk assessment <ul style="list-style-type: none"> • Ad hoc • Recurring • One-time • Continuous - Risk analysis <ul style="list-style-type: none"> • Qualitative • Quantitative • Single loss expectancy (SLE) • Annualized loss expectancy (ALE)

Topic	Details
	<ul style="list-style-type: none"> • Annualized rate of occurrence (ARO) • Probability • Likelihood • Exposure factor • Impact <p>- Risk register</p> <ul style="list-style-type: none"> • Key risk indicators • Risk owners • Risk threshold <p>- Risk tolerance</p> <p>- Risk appetite</p> <ul style="list-style-type: none"> • Expansionary • Conservative • Neutral <p>- Risk management strategies</p> <ul style="list-style-type: none"> • Transfer • Accept <ol style="list-style-type: none"> 1. Exemption 2. Exception • Avoid • Mitigate <p>- Risk reporting</p> <p>- Business impact analysis</p> <ul style="list-style-type: none"> • Recovery time objective (RTO) • Recovery point objective (RPO) • Mean time to repair (MTTR) • Mean time between failures (MTBF)
<p>Explain the processes associated with third-party risk assessment and management.</p>	<p>- Vendor assessment</p> <ul style="list-style-type: none"> • Penetration testing • Right-to-audit clause • Evidence of internal audits • Independent assessments • Supply chain analysis

Topic	Details
	<ul style="list-style-type: none"> - Vendor selection <ul style="list-style-type: none"> • Due diligence • Conflict of interest - Agreement types <ul style="list-style-type: none"> • Service-level agreement (SLA) • Memorandum of agreement (MOA) • Memorandum of understanding (MOU) • Master service agreement (MSA) • Work order (WO)/statement of work (SOW) • Non-disclosure agreement (NDA) • Business partners agreement (BPA) - Vendor monitoring - Questionnaires - Rules of engagement
Summarize elements of effective security compliance.	<ul style="list-style-type: none"> - Compliance reporting <ul style="list-style-type: none"> • Internal • External - Consequences of non-compliance <ul style="list-style-type: none"> • Fines • Sanctions • Reputational damage • Loss of license • Contractual impacts - Compliance monitoring <ul style="list-style-type: none"> • Due diligence/care • Attestation and acknowledgement • Internal and external • Automation - Privacy <ul style="list-style-type: none"> • Legal implications <ol style="list-style-type: none"> 1. Local/regional 2. National 3. Global

Topic	Details
	<ul style="list-style-type: none"> • Data subject • Controller vs. processor • Ownership • Data inventory and retention • Right to be forgotten
<p>Explain types and purposes of audits and assessments.</p>	<ul style="list-style-type: none"> - Attestation - Internal <ul style="list-style-type: none"> • Compliance • Audit committee • Self-assessments - External <ul style="list-style-type: none"> • Regulatory • Examinations • Assessment • Independent third-party audit - Penetration testing <ul style="list-style-type: none"> • Physical • Offensive • Defensive • Integrated • Known environment • Partially known environment • Unknown environment • Reconnaissance <ol style="list-style-type: none"> 1. Passive 2. Active
<p>Given a scenario, implement security awareness practices.</p>	<ul style="list-style-type: none"> - Phishing <ul style="list-style-type: none"> • Campaigns • Recognizing a phishing attempt • Responding to reported suspicious messages - Anomalous behavior recognition <ul style="list-style-type: none"> • Risky • Unexpected • Unintentional

Topic	Details
	<ul style="list-style-type: none">- User guidance and training<ul style="list-style-type: none">• Policy/handbooks• Situational awareness• Insider threat• Password management• Removable media and cables• Social engineering• Operational security• Hybrid/remote work environments- Reporting and monitoring<ul style="list-style-type: none">• Initial• Recurring- Development- Execution

Prepare with SY0-701 Sample Questions:

Question: 1

When considering the security implications of hardware, software, and data asset management, which practices contribute to maintaining a secure environment?

(Select all that apply)

- a) Regular disposal and destruction of outdated assets
- b) Dynamic assignment of ownership
- c) Monitoring and tracking assets throughout their lifecycle
- d) Lack of classification for sensitive data

Answer: a, c

Question: 2

How does User Behavior Analytics (UBA) contribute to enterprise security?

- a) By analyzing and detecting anomalous user behavior
- b) By ignoring user activities
- c) By disabling user access
- d) By allowing unrestricted user activities

Answer: a

Question: 3

Why is root cause analysis important in incident response?

- a) To increase complexity
- b) To understand the fundamental reasons behind an incident
- c) To ignore the incident
- d) To decrease reaction time

Answer: b

Question: 4

What is the role of a Policy Enforcement Point (PEP) in policy-driven access control?

- a) Creating security policies
- b) Enforcing security policies at runtime
- c) Analyzing threat scope reduction
- d) Allowing unrestricted access to all users

Answer: b

Question: 5

Who are stakeholders in the context of change management?

- a) Only technical staff
- b) Individuals or groups affected by or involved in a change
- c) Only security personnel
- d) Only upper management

Answer: b

Question: 6

In a wartime scenario, which threat actors are most likely to be active?

- a) Nation-state
- b) Insider threats
- c) Organized crime
- d) Hacktivists

Answer: a

Question: 7

What are common characteristics of external threat actors?

- a) Limited access to internal systems
- b) Often motivated by financial gain
- c) Typically have less sophisticated tools
- d) Usually driven by political or ideological beliefs

Answer: a, b

Question: 8

In vulnerability management, the term _____ refers to the process of determining the relative importance or urgency of addressing a particular vulnerability.

- a) Rescanning
- b) Analysis
- c) Confirmation
- d) Prioritize

Answer: d

Question: 9

How do privileged access management tools enhance security in an organization?

- a) By granting all users privileged access
- b) By restricting access to all resources
- c) By disabling all access controls
- d) By implementing just-in-time permissions and password vaulting

Answer: d

Question: 10

Which of the following agreement types is specifically focused on defining the scope of work to be performed by a vendor?

- a) Memorandum of Agreement (MOA)
- b) Service-Level Agreement (SLA)
- c) Work Order (WO)/Statement of Work (SOW)
- d) Non-Disclosure Agreement (NDA)

Answer: c

Study Tips to Pass the CompTIA Security+ Exam:

Understand the SY0-701 Exam Format:

Before diving into your study routine, it's essential to familiarize yourself with the SY0-701 exam format. Take the time to review the [exam syllabus](#), understand the test structure, and identify the key areas of focus. Prior knowledge of what to expect on exam day will help you tailor your study plan.

Make A Study Schedule for the SY0-701 Exam:

To effectively prepare for the SY0-701 exam, make a study schedule that fits your lifestyle and learning style. Set specific time slots for studying each day and focus on the topics based on their importance and your proficiency level. Consistency is a must, so stick to your schedule and avoid procrastination.

Study from Different Resources:

Make sure to expand beyond one source of study material. Utilize multiple resources such as textbooks, online courses, practice exams, and study guides to understand the SY0-701 exam topics comprehensively. Each resource offers unique insights and explanations that can enhance your learning experience.

Practice Regularly for the SY0-701 Exam:

Practice makes you perfect for the SY0-701 exam preparation as well. Regular practice allows you to reinforce your knowledge of key concepts, enhance your problem-solving skills, and familiarize yourself with the exam format. Dedicate time to solving practice questions and sample tests to gauge your progress.

Take Breaks and Rest:

While it's essential to study, taking breaks and allowing yourself to rest is equally important. Overloading your brain with information without adequate rest can lead to burnout and decreased productivity. Set short breaks during your study sessions to recharge and maintain focus.

Stay Organized During the SY0-701 Exam Preparation:

Stay organized throughout your SY0-701 study journey by keeping track of your progress and materials. Maintain a tidy study space, use folders or digital tools to organize your notes and resources, and create a checklist of topics to cover. An organized approach helps you stay on track and minimize stress.

Seek Clarification from Mentors:

Feel free to seek clarification if you encounter any confusing or challenging concepts during your study sessions. Reach out to peers, instructors, or online forums for assistance. Clarifying doubts early on will prevent misunderstandings and ensure you have a solid grasp of the material.

Regular Revision Plays A vital Role for the SY0-701 Exam:

Consistent revision is essential for the long-term retention of information. Review previously covered topics to reinforce your understanding and identify any areas requiring additional attention. Reviewing regularly will help solidify your knowledge and boost your confidence.

Practice Time Management for the SY0-701 Exam:

Effective time management is crucial on exam day to ensure you complete all sections within the allocated time frame. During your practice sessions, simulate SY0-701 exam conditions and practice pacing yourself accordingly. Develop strategies for tackling each section efficiently to maximize your score.

Stay Positive and Confident:

Lastly, always have a positive mindset and believe in your abilities. Stay confident in your preparation efforts and trust that you have adequately equipped yourself to tackle the SY0-701 exam. Visualize success, stay focused, and approach the exam calmly and confidently.

Benefits of Earning the SY0-701 Exam:

- Achieving the SY0-701 certification opens doors to new career opportunities and advancement within your field.
- The rigorous preparation required for the SY0-701 exam equips you with in-depth knowledge and practical skills relevant to your profession.
- Holding the SY0-701 certification demonstrates your expertise and commitment to excellence, earning recognition from peers and employers.

- Certified professionals often grab higher salaries and enjoy greater earning potential than their non-certified counterparts.
- Obtaining the SY0-701 certification validates your proficiency and credibility, instilling confidence in clients, employers, and colleagues.

Discover the Reliable Practice Test for the SY0-701 Certification:

EduSum.com brings you comprehensive information about the SY0-701 exam. We offer genuine practice tests tailored for the SY0-701 certification. What benefits do these practice tests offer? You'll encounter authentic exam-like questions crafted by industry experts, providing an opportunity to enhance your performance in the actual exam. Count on EduSum.com for rigorous, unlimited access to SY0-701 practice tests over two months, enabling you to bolster your confidence steadily. Through dedicated practice, many candidates have succeeded in streamlining their journey towards obtaining the CompTIA Security+.

Concluding Thoughts:

Preparing for the SY0-701 exam requires dedication, strategy, and effective study techniques. These study tips can enhance your preparation, boost your confidence, and improve your chances of passing the exam with flying colors. Remember to stay focused, stay organized, and believe in yourself. Good luck!

Here is the Trusted Practice Test for the SY0-701 Certification

EduSum.com offers comprehensive details about the SY0-701 exam. Our platform provides authentic practice tests designed for the SY0-701 exam. What benefits do these practice tests offer? By accessing our practice tests, you will encounter questions closely resembling those crafted by industry experts in the exam. This allows you to enhance your performance and readiness for the real exam. Count on EduSum.com to provide rigorous practice opportunities, offering unlimited attempts over two months for the SY0-701 practice tests. Through consistent practice, many candidates have found success and simplified their journey towards attaining the CompTIA Security+.

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