



COMPTIA SY0-701

CompTIA Security Plus Certification Questions & Answers

Exam Summary – Syllabus – Questions

SY0-701

[CompTIA Security+](#)

90 Questions Exam – 750 / 900 Cut Score – Duration of 90 minutes

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Know Your SY0-701 Certification Well:

The SY0-701 is best suitable for candidates who want to gain knowledge in the CompTIA Core. Before you start your SY0-701 preparation you may struggle to get all the crucial Security Plus materials like SY0-701 syllabus, sample questions, study guide.

But don't worry the SY0-701 PDF is here to help you prepare in a stress free manner.

The PDF is a combination of all your queries like-

- What is in the SY0-701 syllabus?
- How many questions are there in the SY0-701 exam?
- Which Practice test would help me to pass the SY0-701 exam at the first attempt?

Passing the SY0-701 exam makes you CompTIA Security+. Having the Security Plus certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

CompTIA SY0-701 Security Plus Certification Details:

Exam Name	CompTIA Security+
Exam Code	SY0-701
Exam Price	\$392 (USD)
Duration	90 mins
Number of Questions	90
Passing Score	750 / 900
Schedule Exam	Pearson VUE
Sample Questions	CompTIA Security+ Sample Questions
Practice Exam	CompTIA SY0-701 Certification Practice Exam

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 concepts.	<ul style="list-style-type: none"> - Confidentiality, Integrity, and Availability (CIA) - Non-repudiation - 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

Topic	Details
	<p>2. Subject/System 3. Policy Enforcement Point</p> <ul style="list-style-type: none"> - 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
<p>Explain the importance of change management processes and the impact to security.</p>	<ul style="list-style-type: none"> - Business processes impacting security operation <ul style="list-style-type: none"> • Approval process • Ownership • Stakeholders • Impact analysis • Test results • Backout plan • Maintenance window • Standard operating procedure - Technical implications

Topic	Details
	<ul style="list-style-type: none"> • Allow lists/deny lists • Restricted activities • Downtime • Service restart • Application restart • Legacy applications • Dependencies - Documentation <ul style="list-style-type: none"> • Updating diagrams • Updating policies/procedures - Version control
<ul style="list-style-type: none"> • Explain the importance of using appropriate cryptographic solutions. 	<ul style="list-style-type: none"> • - Public key infrastructure (PKI) • Public key • Private key • Key escrow • - Encryption • Level <ol style="list-style-type: none"> 1. Full-disk 2. Partition 3. File 4. Volume 5. Database 6. Record • Transport/communication • Asymmetric • Symmetric • Key exchange • Algorithms • Key length • - Tools • Trusted Platform Module (TPM) • Hardware security module (HSM)

Topic	Details
	<ul style="list-style-type: none"> • Key management system • Secure enclave • - Obfuscation • Steganography • Tokenization • Data masking • - Hashing • - Salting • - Digital signatures • - Key stretching • - Blockchain • - Open public ledger • - Certificates • 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>	<ul style="list-style-type: none"> - Threat actors <ul style="list-style-type: none"> • Nation-state • Unskilled attacker • Hacktivist • Insider threat • Organized crime • Shadow IT - Attributes of actors <ul style="list-style-type: none"> • Internal/external

Topic	Details
	<ul style="list-style-type: none"> • 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> <p>- Default credentials</p>

Topic	Details
	<ul style="list-style-type: none"> - 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
<ul style="list-style-type: none"> • Explain various types of vulnerabilities. 	<ul style="list-style-type: none"> • - Application • 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 • Structured Query Language injection (SQLi) • Cross-site scripting (XSS) • - Hardware • Firmware • End-of-life • Legacy • - Virtualization • Virtual machine (VM) escape

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

Topic	Details
	<ul style="list-style-type: none"> • Credential replay • Malicious code • - Application attacks • Injection • Buffer overflow • Replay • Privilege escalation • Forgery • Directory traversal • - Cryptographic attacks • Downgrade • Collision • Birthday • - Password attacks • Spraying • Brute force • - Indicators • 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

Topic	Details
	<ul style="list-style-type: none"> - Patching - Encryption - Monitoring - 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
<p>Security Architecture - 18%</p>	
<ul style="list-style-type: none"> • Compare and contrast security implications of different architecture models. 	<ul style="list-style-type: none"> • - Architecture and infrastructure concepts • 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

Topic	Details
	<p>and data acquisition (SCADA)</p> <ul style="list-style-type: none"> • Real-time operating system (RTOS) • Embedded systems • High availability • - Considerations • Availability • Resilience • Cost • Responsiveness • Scalability • Ease of deployment • Risk transference • Ease of recovery • Patch availability • Inability to patch • Power • Compute
<ul style="list-style-type: none"> • Given a scenario, apply security principles to secure enterprise infrastructure. 	<ul style="list-style-type: none"> • - Infrastructure considerations • 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

Topic	Details
	<ul style="list-style-type: none"> 5. Sensors <ul style="list-style-type: none"> • 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 • - Secure communication/access • 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
<p>Compare and contrast concepts and strategies to protect data.</p>	<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

Topic	Details
	<ul style="list-style-type: none"> - 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 • 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

Topic	Details
	<ul style="list-style-type: none"> - 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 - Power <ul style="list-style-type: none"> • Generators • Uninterruptible power supply (UPS)
<p>Security Operations - 28%</p>	
<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

Topic	Details
	<ul style="list-style-type: none"> • 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 - 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

Topic	Details
<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) 2. Proprietary/third-party 3. Information-sharing organization 4. Dark web • Penetration testing • Responsible disclosure program <ol style="list-style-type: none"> 1. Bug bounty program • System/process audit - Analysis <ul style="list-style-type: none"> • Confirmation <ol style="list-style-type: none"> 1. False positive 2. False negative

Topic	Details
	<ul style="list-style-type: none"> • 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 <p>- Activities</p> <ul style="list-style-type: none"> • Log aggregation • Alerting • Scanning • Reporting • Archiving

Topic	Details
	<ul style="list-style-type: none"> • 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 • Block rules • Reputation - Operating system security

Topic	Details
	<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

Topic	Details
	<ul style="list-style-type: none"> • Discretionary • Role-based • Rule-based • Attribute-based • Time-of-day restrictions • Least privilege - Multifactor authentication <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 - Password concepts <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 - Privileged access management tools <ul style="list-style-type: none"> • Just-in-time permissions • Password vaulting • Ephemeral credentials
<p>Explain the importance of automation and orchestration related</p>	<ul style="list-style-type: none"> - Use cases of automation and scripting <ul style="list-style-type: none"> • User provisioning • Resource provisioning

Topic	Details
to secure operations.	<ul style="list-style-type: none"> • Guard rails • Security groups • Ticket creation • Escalation • 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
<ul style="list-style-type: none"> • Explain appropriate incident response activities. 	<ul style="list-style-type: none"> • - Process • Preparation • Detection • Analysis • Containment • Eradication • Recovery • Lessons learned • - Training

Topic	Details
	<ul style="list-style-type: none"> - Testing <ul style="list-style-type: none"> • Tabletop exercise • Simulation • - Root cause analysis <ul style="list-style-type: none"> - Threat hunting - Digital forensics • Legal hold • 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

Topic	Details
	<ul style="list-style-type: none"> • Business continuity • Disaster recovery • Incident response • Software development lifecycle (SDLC) • Change management <p>- Standards</p> <ul style="list-style-type: none"> • Password • Access control • Physical security • Encryption <p>- Procedures</p> <ul style="list-style-type: none"> • Change management • Onboarding/offboarding • Playbooks <p>- External considerations</p> <ul style="list-style-type: none"> • Regulatory • Legal • Industry • Local/regional • National • Global <p>- Monitoring and revision</p> <p>- Types of governance structures</p> <ul style="list-style-type: none"> • Boards • Committees • Government entities • Centralized/decentralized <p>- Roles and responsibilities for systems and data</p> <ul style="list-style-type: none"> • Owners

Topic	Details
	<ul style="list-style-type: none"> • 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) • Annualized rate of occurrence (ARO) • Probability • Likelihood • Exposure factor • Impact - Risk register <ul style="list-style-type: none"> • Key risk indicators • Risk owners • Risk threshold - Risk tolerance - Risk appetite <ul style="list-style-type: none"> • Expansionary • Conservative • Neutral - Risk management strategies

Topic	Details
	<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 <p>- Vendor selection</p> <ul style="list-style-type: none"> • Due diligence • Conflict of interest <p>- Agreement types</p> <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) <p>- Vendor monitoring</p>

Topic	Details
	<ul style="list-style-type: none"> - Questionnaires - Rules of engagement
<p>Summarize elements of effective security compliance.</p>	<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 • 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

Topic	Details
	<ul style="list-style-type: none"> • 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 - User guidance and training <ul style="list-style-type: none"> • Policy/handbooks • Situational awareness

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

CompTIA 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

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: 3

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: 4

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: 5

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: 6

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: 7

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: 8

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

Question: 9

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: 10

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

Study Guide to Crack CompTIA Security Plus SY0-701 Exam:

- Getting details of the SY0-701 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the SY0-701 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the CompTIA provided training for SY0-701 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the SY0-701 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on SY0-701 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

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