

COMPTIA CAS-004

CompTIA CASP+ Certification Questions & Answers

Exam Summary – Syllabus –Questions

CAS-004

<u>CompTIA Advanced Security Practitioner (CASP+)</u> 90 Questions Exam – Duration of 165 minutes



Table of Contents:

Know Your CAS-004 Certification Well:	2
CompTIA CAS-004 CASP+ Certification Details:	2
CAS-004 Syllabus:	3
Security Architecture 29%	3
Security Operations 30%	11
Security Engineering and Cryptography 26%	19
Governance, Risk, and Compliance 15%	26
CompTIA CAS-004 Sample Questions:	31
Study Guide to Crack CompTIA CASP+ CAS-004 Ex	am:
	34



Know Your CAS-004 Certification Well:

The CAS-004 is best suitable for candidates who want to gain knowledge in the CompTIA Cybersecurity. Before you start your CAS-004 preparation you may struggle to get all the crucial CASP+ materials like CAS-004 syllabus, sample questions, study guide.

But don't worry the CAS-004 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 CAS-004 syllabus?
- How many questions are there in the CAS-004 exam?
- Which Practice test would help me to pass the CAS-004 exam at the first attempt?

Passing the CAS-004 exam makes you CompTIA Advanced Security Practitioner. Having the CASP+ 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 CAS-004 CASP+ Certification Details:

Exam Name	CompTIA Advanced Security Practitioner (CASP+)
Exam Code	CAS-004
Exam Price	\$466 (USD)
Duration	165 mins
Number of Questions	90
Passing Score	Pass / Fail
Books / Training	CASP+ CAS-004
Schedule Exam	CompTIA Marketplace Pearson VUE
Sample Questions	CompTIA CASP+ Sample Questions
Practice Exam	CompTIA CAS-004 Certification Practice Exam



CAS-004 Syllabus:

Topic	Details
S	Security Architecture 29%
•	- Services • Load balancer • Intrusion detection system (IDS)/network intrusion detection system (NIDS)/wireless intrusion detection system (WIDS) • Intrusion prevention system (IPS)/network intrusion prevention system (NIPS)/wireless intrusion prevention system (WIPS) • Web application firewall (WAF) • Network access control (NAC) • Virtual private network (VPN) • Domain Name System Security Extensions (DNSSEC) • Firewall/unified threat management (UTM)/next-generation firewall (NGFW) • Network address translation (NAT) gateway • Internet gateway • Forward/transparent proxy • Reverse proxy • Distributed denial-of-service (DDoS) protection • Routers • Mail security • Application programming interface (API) gateway/Extensible Markup Language (XML) gateway • Traffic mirroring
	gateway/Extensible Markup Language (XML) gateway Traffic mirroring Switched port analyzer (SPAN) ports Port mirroring Virtual private cloud (VPC)
	 Virtual private cloud (VPC) Network tap Sensors Security information and event management (SIEM) File integrity monitoring (FIM) Simple Network Management Protocol (SNMP)



Topic	Details
	NetFlowData loss prevention (DLP)Antivirus
	- Segmentation
	 Microsegmentation Local area network (LAN)/virtual local area network (VLAN) Jump box Screened subnet Data zones Staging environments Guest environments VPC/virtual network (VNET) Availability zone
	 NAC lists Policies/security groups Regions Access control lists (ACLs) Peer-to-peer Air gap Deperimeterization/zero trust
	 Cloud Remote work Mobile Outsourcing and contracting Wireless/radio frequency (RF) networks Merging of networks from various organizations
	 Peering Cloud to on premises Data sensitivity levels Mergers and acquisitions Cross-domain Federation Directory services Software-defined networking (SDN)



Topic	Details
	 Open SDN Hybrid SDN SDN overlay
Given a scenario, analyze the organizational requirements to determine the proper infrastructure security design.	 Scalability Vertically Horizontally Resiliency High availability Diversity/heterogeneity Course of action orchestration Distributed allocation Redundancy Replication Clustering Automation Autoscaling Security Orchestration, Automation, and Response (SOAR) Bootstrapping Performance Containerization Virtualization Content delivery network Caching
Given a scenario, integrate software applications securely into an enterprise architecture.	 Baseline and templates Secure design patterns/ types of web technologies Storage design patterns Container APIs Secure coding standards Application vetting processes API management Middleware Software assurance



Торіс	Details
Topic	 Sandboxing/development environment Validating third-party libraries Defined DevOps pipeline Code signing Interactive application security testing (IAST) vs. dynamic application security testing (DAST) vs. static application security testing (SAST) Considerations of integrating enterprise applications Customer relationship management (CRM) Enterprise resource planning (ERP) Configuration management database (CMDB) Content management system (CMS) Integration enablers Directory services Domain name system (DNS) Service-oriented architecture (SOA) Enterprise service bus (ESB) Integrating security into development life cycle Formal methods Requirements Fielding Insertions and upgrades Disposal and reuse Testing Regression Unit testing Integration testing Development approaches SecDevOps
	Integration testingDevelopment approaches
	(CI/CD) pipelines • Best practices - Open Web Application Security Project (OWASP) - Proper Hypertext Transfer Protocol (HTTP) headers



Торіс	Details
	- Data loss prevention
Given a scenario, implement data security techniques for securing enterprise architecture.	- Data loss prevention • Blocking use of external media • Print blocking • Remote Desktop Protocol (RDP) blocking • Clipboard privacy controls • Restricted virtual desktop infrastructure (VDI) implementation • Data classification blocking - Data loss detection • Watermarking • Digital rights management (DRM) • Network traffic decryption/deep packet inspection • Network traffic analysis - Data classification, labeling, and tagging • Metadata/attributes - Obfuscation • Tokenization • Scrubbing • Masking - Anonymization - Encrypted vs. unencrypted - Data life cycle • Create • Use • Share • Store • Archive • Destroy - Data inventory and mapping
	- Data integrity management - Data storage, backup, and recovery
	Redundant array of inexpensive disks (RAID)



Торіс	Details
	- Credential management
	 Password repository application End-user password storage On premises vs. cloud repository Hardware key manager Privileged access management Password policies Complexity
	Length
	Character classes
	History
	Maximum/minimum age Auditions
	Auditing Developed to a compation Output Developed to the
	Reversable encryption
Given a scenario, analyze	- Federation
the security requirements and objectives to provide the appropriate authentication and authorization controls.	 Transitive trust OpenID Security Assertion Markup Language (SAML) Shibboleth Access control
	Mandatory access control (MAC)
	Discretionary access control (DAC)
	Role-based access control
	Rule-based access control
	Attribute-based access control
	- Protocols
	 Remote Authentication Dial-in User Server (RADIUS) Terminal Access Controller Access Control System (TACACS) Diameter Lightweight Directory Access Protocol (LDAP) Kerberos OAuth



Topic	Details
-	• 802.1X
	Extensible Authentication Protocol (EAP)
	- Multifactor authentication (MFA)
	Two-factor authentication (2FA)2-Step VerificationIn-band
	Out-of-band
	- One-time password (OTP)
	 HMAC-based one-time password (HOTP) Time-based one-time password (TOTP) Hardware root of trust Single sign-on (SSO) JavaScript Object Notation (JSON) web token (JWT) Attestation and identity proofing
	- Virtualization strategies
	Type 1 vs. Type 2 hypervisors
	Containers
	Emulation
	Application virtualizationVDI
Given a set of requirements, implement secure cloud and virtualization solutions.	- Provisioning and deprovisioning - Middleware
	Metadata and tagsDeployment models and considerations
	 Business directives Cost Scalability Resources Location Data protection
	 Cloud deployment models Private Public Hybrid Community
	- Hosting models



Торіс	Details
	MultitenantSingle-tenantService models
	 Service models Software as a service (SaaS) Platform as a service (PaaS) Infrastructure as a service (IaaS) Cloud provider limitations Internet Protocol (IP) address scheme VPC peering Extending appropriate on-premises controls Storage models Object storage/file-based storage
	 Object storage/file-based storage Database storage Block storage Blob storage Key-value pairs
Explain how cryptography and public key infrastructure (PKI) support security objectives and requirements.	 Privacy and confidentiality requirements Integrity requirements Non-repudiation Compliance and policy requirements Common cryptography use cases Data at rest Data in transit Data in process/data in use Protection of web services Embedded systems Key escrow/management Mobile security Secure authentication Smart card
	Common PKI use casesWeb servicesEmail



Торіс	Details
	Code signing
	Federation
	Trust models
	• VPN
	Enterprise and security automation/orchestration
	- Artificial intelligence
	- Machine learning
	- Quantum computing
	- Blockchain
	- Homomorphic encryption
	Private information retrieval
	Secure function evaluation
	Private function evaluation
Explain the impact of	- Secure multiparty computation
emerging technologies on	- Distributed consensus
enterprise security and	- Big Data
privacy.	- Virtual/augmented reality
	- 3-D printing
	- Passwordless authentication
	- Nano technology
	- Deep learning
	Natural language processing
	Deep fakes
	- Biometric impersonation
	Biometrie impersonation
	Security Operations 30%
	- Intelligence types
	Tactical
	Tactical Commodity malware
Given a scenario, perform threat management activities.	Strategic
	- Targeted attacks
	Operational
	- Threat hunting
	- Threat emulation
	- Actor types
	 Advanced persistent threat (APT)/nation-state
	Advanced persistent unreat (Ar 1)/Hation-state



Торіс	Details
•	Insider threat
	Competitor
	Hacktivist
	Script kiddie
	Organized crime
	- Threat actor properties
	Resource- Time- Money
	Supply chain access
	Create vulnerabilities
	Capabilities/sophistication
	Identifying techniques
	- Intelligence collection methods
	 Intelligence feeds Deep web Proprietary Open-source intelligence (OSINT) Human intelligence (HUMINT) Frameworks MITRE Adversarial Tactics, Techniques, & Common knowledge (ATT&CK) ATT&CK for industrial control system (ICS) Diamond Model of Intrusion Analysis Cyber Kill Chain
	- Indicators of compromise
Given a scenario, analyze indicators of compromise and formulate an appropriate response.	 Packet capture (PCAP) Logs Network logs Vulnerability logs Operating system logs Access logs NetFlow logs Notifications FIM alerts SIEM alerts DLP alerts



Торіс	Details
	 IDS/IPS alerts Antivirus alerts Notification severity/priorities Unusual process activity
	 Response Firewall rules IPS/IDS rules ACL rules Signature rules Behavior rules DLP rules
	 Scripts/regular expressions Vulnerability scans Credentialed vs. non-credentialed Agent-based/server-based Criticality ranking Active vs. passive Security Content Automation Protocol (SCAP)
Given a scenario, perform vulnerability management activities.	 Extensible Configuration Checklist Description Format (XCCDF) Open Vulnerability and Assessment Language (OVAL) Common Platform Enumeration (CPE) Common Vulnerabilities and Exposures (CVE) Common Vulnerability Scoring System (CVSS) Common Configuration Enumeration (CCE) Asset Reporting Format (ARF) Self-assessment vs. third-party vendor assessment Patch management Information sources
	 Advisories Bulletins Vendor websites Information Sharing and Analysis Centers (ISACs) News reports



Topic	Details
	- Methods
	 Static analysis Dynamic analysis Side-channel analysis Reverse engineering Software Hardware Wireless vulnerability scan Software composition analysis Fuzz testing ivoting Post-exploitation Persistence Tools
Given a scenario, use the appropriate vulnerability assessment and penetration testing methods and tools.	 SCAP scanner Network traffic analyzer Vulnerability scanner Protocol analyzer Port scanner HTTP interceptor Exploit framework Password cracker Dependency management Requirements
	 Scope of work Rules of engagement Invasive vs. non-invasive Asset inventory Permissions and access Corporate policy considerations Facility considerations Physical security considerations Rescan for corrections/changes



- Vulnerabilities Race conditions Overflows - Buffer - Integer Broken authentication Unsecure references - Poor exception handling Security misconfiguration - Improper headers - Information disclosure - Certificate errors - Weak cryptography implementations - Weak ciphers - Weak ciphers - Weak ciphers - Weak cipher suite implementations - Software composition analysis - Use of vulnerable frameworks and software modules - Use of unsafe functions - Third-party libraries - Dependencies - Code injections/malicious changes - End of support/end of life - Regression issues - Inherently vulnerable system/application Client-side processing vs. server-side processing - JSON/representational state transfer (REST) - Browser extensions - Flash - ActiveX - Hypertext Markup Language 5 (HTML5) - Asynchronous JavaScript and XML (AJAX) - Simple Object Access Protocol (SOAP) - Machine code vs. bytecode or interpreted vs. emulated
Overflows - Buffer - Integer Broken authentication Unsecure references Poor exception handling Security misconfiguration Improper headers Information disclosure Certificate errors Weak cryptography implementations Weak ciphers Weak ciphers Use of vulnerable frameworks and software modules Use of vulnerable frameworks and software modules Use of injections/malicious changes - End of support/end of life - Regression issues - Inherently vulnerable system/application Client-side processing vs. server-side processing JSON/representational state transfer (REST) Browser extensions - Flash - ActiveX Hypertext Markup Language 5 (HTML5) - Asynchronous JavaScript and XML (AJAX) Simple Object Access Protocol (SOAP) Machine code vs. bytecode or interpreted vs. emulated



Details
Cross-site scripting (XSS)
 Cross-site request forgery (CSRF)
 Injection XML LDAP Structured Query Language (SQL) Command Process
Sandbox escape
Virtual machine (VM) hopping
VM escape
Border Gateway Protocol (BGP)/route hijacking
Interception attacks
 Denial-of-service (DoS)/DDoS
Authentication bypass
Social engineering
VLAN hopping
 Proactive and detection Hunts Developing countermeasures Deceptive technologies Honeynet Honeypot Decoy files Simulators Dynamic network configurations Security data analytics Processing pipelines Data Stream Indexing and search Log collection and curation Database activity monitoring Preventive Antivirus Immutable systems



Торіс	Details
	Sandbox detonation
	- Application control
	License technologies
	Allow list vs. block list
	 Time of check vs. time of use
	Atomic execution
	- Security automation
	Cron/scheduled tasks
	Bash
	 PowerShell
	Python
	- Physical security
	Review of lighting
	Review of visitor logs
	Camera reviews
	 Open spaces vs. confined spaces
	- Event classifications
	False manifixe
	False positive False positive
	False negative
	True positive
	True negative True negative
	- Triage event
	- Preescalation tasks
Given an incident,	- Incident response process
implement the appropriate	Preparation
response.	Detection
	Analysis
	Containment
	Recovery
	Lessons learned
	- Specific response playbooks/processes
	2,222 . doponio
	 Scenarios
	- Ransomware



Торіс	Details
Explain the importance of forensic concepts.	- Data exfiltration - Social engineering - Non-automated response methods - Automated response methods - Runbooks - SOAR - Communication plan - Stakeholder management - Legal vs. internal corporate purposes - Forensic process - Identification - Chain of custody - Order of volatility 1. Memory snapshots 2. Images - Cloning - Evidence preservation - Secure storage - Backups - Analysis - Forensics tools - Verification - Integrity preservation - Integrity preservation - Hashing - Cryptanalysis
	- Steganalysis
Given a scenario, use forensic analysis tools.	 File carving tools Foremost Strings Binary analysis tools Hex dump Binwalk Ghidra
	GNU Project debugger (GDB)



Topic	Details
-	OllyDbg
	readelf
	 objdump
	strace
	• Idd
	• file
	- Analysis tools
	 ExifTool
	Nmap
	Aircrack-ng
	Volatility
	The Sleuth Kit
	Dynamically vs. statically linked
	- Imaging tools
	Forensic Toolkit (FTK) Imager
	dd
	- Hashing utilities
	riasiling utilities
	• sha256sum
	• ssdeep
	- Live collection vs. post-mortem tools
	• netstat
	• ps
	vmstat
	• Idd
	• Isof
	• netcat
	• tcpdump
	 conntrack
	Wireshark
Security E	ngineering and Cryptography 26%
Given a scenario, apply	- Managed configurations
secure configurations to	A continuation of a control
enterprise mobility	Application control



Торіс	Details
	Password
	MFA requirements
	Token-based access
	Patch repository
	Firmware Over-the-Air
	Remote wipe
	 WiFi WiFi Protected Access (WPA2/3) Device certificates
	• Profiles
	Bluetooth
	 Near-field communication (NFC)
	 Peripherals
	Geofencing
	 VPN settings
	 Geotagging
	Certificate management
	Full device encryption
	Tethering
	Airplane mode
	 Location services
	DNS over HTTPS (DoH)
	Custom DNS
	- Deployment scenarios
	Bring your own device (BYOD)
	 Corporate-owned
	 Corporate owned, personally enabled (COPE)
	 Choose your own device (CYOD)
	- Security considerations
	 Unauthorized remote activation/deactivation of devices or features
	 Encrypted and unencrypted communication concerns
	Physical reconnaissance
	Personal data theft
	Health privacy



Торіс	Details
	Implications of wearable devices
	Digital forensics of collected data
	Unauthorized application stores
	Jailbreaking/rooting
	Side loading
	Containerization
	 Original equipment manufacturer (OEM) and carrier differences
	Supply chain issues
	• eFuse
	- Hardening techniques
	Removing unneeded servicesDisabling unused accounts
	Images/templates
	Remove end-of-life devices
	Remove end-of-support devices
	Local drive encryption
	 Enable no execute (NX)/execute never (XN) bit
	 Disabling central processing unit (CPU) virtualization support
	Secure encrypted enclaves/memory encryption
Given a scenario, configure	Shell restrictions
and implement endpoint	 Address space layout randomization (ASLR)
security controls.	- Processes
	Patching
	Firmware
	Application
	Logging
	Monitoring
	- Mandatory access control
	Security-Enhanced Linux (SELinux)/Security- Enhanced Android (SEAndroid)
	Kernel vs. middleware
	- Trustworthy computing



Topic	Details
	Trusted Platform Module (TPM)
	Secure Boot
	 Unified Extensible Firmware Interface (UEFI)/basic input/output system (BIOS) protection
	Attestation services
	Hardware security module (HSM)
	Measured boot
	Self-encrypting drives (SEDs)
	- Compensating controls
	Antivirus
	Application controls
	 Host-based intrusion detection system (HIDS)/Host-based intrusion prevention system (HIPS)
	Host-based firewall
	Endpoint detection and response (EDR)
	Redundant hardware
	Self-healing hardware
	User and entity behavior analytics (UEBA)
	- Embedded
Explain security considerations impacting specific sectors and operational technologies.	 Internet of Things (IoT) System on a chip (SoC) Application-specific integrated circuit (ASIC) Field-programmable gate array (FPGA) ICS/supervisory control and data acquisition (SCADA) Programmable logic controller (PLC) Historian Ladder logic Safety instrumented system Heating, ventilation, and air conditioning (HVAC) Protocols
	 Controller Area Network (CAN) bus Modbus Distributed Network Protocol 3 (DNP3)



Topic	Details
	ZigbeeCommon Industrial Protocol (CIP)
	Data distribution service
	- Sectors
	 Energy Manufacturing Healthcare Public utilities Public services Facility services
	- Automation and orchestration
	- Encryption configuration
	- Logs
Explain how cloud technology adoption impacts organizational security.	 Availability Collection Monitoring Configuration Alerting
	 Monitoring configurations Key ownership and location Key life-cycle management Backup and recovery methods
	 Cloud as business continuity and disaster recovery (BCDR)
	Primary provider BCDR
	Alternative provider BCDR
	- Infrastructure vs. serverless computing
	- Application virtualization
	- Software-defined networking
	MisconfigurationsCollaboration tools
	- Storage configurations
	oco. age comigarations
	Bit splitting
	Data dispersion
	- Cloud access security broker (CASB)



Торіс	Details
	- PKI hierarchy
	 Certificate authority (CA) Subordinate/intermediate CA Registration authority (RA) Certificate types
	Wildcard certificate
	Extended validation
	Multidomain
	General purpose
	- Certificate usages/profiles/templates
Given a business requirement, implement the appropriate PKI solution.	 Client authentication Server authentication Digital signatures Code signing Extensions
	 Common name (CN) Subject alternate name (SAN) Trusted providers Trust model Cross-certification Configure profiles Life-cycle management Public and private keys Digital signature Certificate pinning Certificate stapling Certificate signing requests (CSRs) Online Certificate Status Protocol (OCSP) vs. certificate revocation list (CRL) HTTP Strict Transport Security (HSTS)
Given a business requirement, implement the appropriate cryptographic protocols and algorithms.	 Hashing Secure Hashing Algorithm (SHA) Hash-based message authentication code (HMAC) Message digest (MD)



Topic	Details
	 RACE integrity primitives evaluation message digest (RIPEMD) Poly1305
	- Symmetric algorithms
	 Modes of operation Galois/Counter Mode (GCM) Electronic codebook (ECB) Cipher block chaining (CBC) Counter (CTR) Output feedback (OFB) Stream and block Advanced Encryption Standard (AES) Triple digital encryption standard (3DES) ChaCha Salsa20
	- Asymmetric algorithms
	 Key agreement Diffie-Hellman Elliptic-curve Diffie-Hellman (ECDH) Signing Digital signature algorithm (DSA) Rivest, Shamir, and Adleman (RSA) Elliptic-curve digital signature algorithm (ECDSA)
	- Protocols
	 Secure Sockets Layer (SSL)/Transport Layer Security (TLS) Secure/Multipurpose Internet Mail Extensions (S/MIME)
	 (S/MIME) Internet Protocol Security (IPSec) Secure Shell (SSH) EAP Elliptic curve cryptography
	P256P384Forward secrecy
	Authenticated encryption with associated dataKey stretching



Торіс	Details
Given a scenario, troubleshoot issues with cryptographic implementations.	Password-based key derivation function 2 (PBKDF2) Bcrypt Implementation and configuration issues Validity dates Wrong certificate type Revoked certificates Incorrect name Chain issues Invalid root or intermediate CAs Self-signed Weak signing algorithm Weak cipher suite Incorrect permissions Cipher mismatches Downgrade Keys Mismatched Improper key handling Embedded keys Rekeying Exposed private keys Crypto shredding Cryptographic obfuscation Key rotation Compromised keys
Governa	ance, Risk, and Compliance 15%
Given a set of requirements, apply the appropriate risk strategies.	 Risk assessment Likelihood Impact Qualitative vs. quantitative Exposure factor Asset value



Topic	Details
Торіс	 Total cost of ownership (TCO) Return on investment (ROI) Mean time to recovery (MTTR) Mean time between failure (MTBF) Annualized loss expectancy (ALE) Annualized rate of occurrence (ARO) Single loss expectancy (SLE) Gap analysis Risk handling techniques
	 Transfer Accept Avoid Mitigate Risk types
	 Inherent Residual Exceptions Risk management life cycle
	 Identify Assess Control People Process Technology Protect Detect Respond Restore
	ReviewFrameworksRisk tracking
	 Risk register Key performance indicators Scalability Reliability Availability



Торіс	Details
•	Key risk indicators
	- Risk appetite vs. risk tolerance
	Tradeoff analysis
	Usability vs. security requirements
	- Policies and security practices
	Separation of duties
	Job rotation
	Mandatory vacation
	Least privilege
	Employment and termination procedures
	 Training and awareness for users
	Auditing requirements and frequency
Explain the importance of managing and mitigating vendor risk.	 Shared responsibility model (roles/responsibilities) Cloud service provider (CSP) Geographic location Infrastructure Compute Storage Networking Services Client Encryption Operating systems Applications Data Vendor lock-in and vendor lockout Vendor viability
	 Financial risk Merger or acquisition risk Meeting client requirements Legal Change management Staff turnover Device and technical configurations Support availability Geographical considerations



Topic	Details
ΤΟΡΙC	 Supply chain visibility Incident reporting requirements Source code escrows Ongoing vendor assessment tools Third-party dependencies
	CodeHardwareModulesTechnical considerations
	 Technical testing Network segmentation Transmission control Shared credentials Security concerns of integrating diverse industries
Explain compliance frameworks and legal considerations, and their organizational impact.	 Data considerations Data sovereignty Data ownership Data classifications Data retention Data types Health Financial Intellectual property Personally identifiable information (PII) Data removal, destruction, and sanitization Geographic considerations
	 Location of data Location of data subject Location of cloud provider Third-party attestation of compliance Regulations, accreditations, and standards Payment Card Industry Data Security Standard (PCI DSS) General Data Protection Regulation (GDPR)



Topic	Details
-	International Organization for Standardization (ISO)
	Capability Maturity Model Integration (CMMI)
	National Institute of Standards and Technology (NIST)
	Children's Online Privacy Protection Act (COPPA)
	Common Criteria
	 Cloud Security Alliance (CSA) Security Trust Assurance and Risk (STAR)
	- Legal considerations
	Due diligence
	Due care
	Export controls
	Legal holds
	E-discovery
	- Contract and agreement types
	Service-level agreement (SLA)
	Master service agreement (MSA)
	Non-disclosure agreement (NDA)
	Memorandum of understanding (MOU)
	Interconnection security agreement (ISA)
	Operational-level agreement
	Privacy-level agreement
	- Business impact analysis
	Recovery point objective
	Recovery time objective
	Recovery service level
Explain the importance of	Mission essential functions
business continuity and	- Privacy impact assessment
disaster recovery concepts.	- Disaster recovery plan (DRP)/business continuity plan (BCP)
	Cold site
	Warm site
	Hot site



Topic	Details
	Mobile site
	- Incident response plan
	Roles/responsibilities
	After-action reports
	- Testing plans
	Checklist
	Walk-through
	Tabletop exercises
	Full interruption test
	 Parallel test/simulation test

CompTIA CAS-004 Sample Questions:

Question: 1

In a large enterprise, e-discovery is best handled via which of the following?(c)

- a) A separate department
- b) Outsourcing
- c) Specialty appliances
- d) Large in-house legal staff

Answer: c

Question: 2

Geolocation data would most likely be found in which of the following?

- a) Word documents
- b) Photographs
- c) PDFsSpreadsheets
- d) Spreadsheets

Answer: b



Question: 3

A junior administrator at a sister company called to report a possible exposed private key that is used for PKI transactions. The administrator would like to know the easiest way to check whether the lost key has been flagged by the system.

What are you going to recommend to the administrator?

- a) Hashing
- b) Issuance to entities
- c) Online Certificate Status Protocol
- d) Wildcard verification

Answer: c

Question: 4

Which of the following best describes augmented reality?

- a) Users' perception of their real-world environment is completely replaced by a digital reality.
- b) Users' perception of their real-world environment is enhanced by digital elements.
- c) Users' devices and appliances are all networked together, forming a smart home.
- d) Users' devices and appliances are all networked together, forming a smart business.

Answer: b

Question: 5

When reviewing a cloud services contract, which provisions should you consider regarding the storage and handling of sensitive data?

- a) Encryption of data at rest
- b) Separation of data from other organizations
- c) Encryption of data in transit
- d) All of the above

Answer: d



Question: 6

A common multitier network architecture might consist of which of the following layers?

- a) DMZ, SAN, and VLAN tier
- b) DMZ, application tier, and data tier
- c) NAS, DMZ, and data tier
- d) Public tier, private tier, and FMZ

Answer: b

Question: 7

You have just run a tool that has identified the targeted operating system as Microsoft Windows 10. What step has occurred?

- a) Port scanning
- b) OS fingerprinting
- c) Footprinting
- d) Vulnerability scanning

Answer: b

Question: 8

You are testing an application for arithmetic errors. What is your best tool?

- a) Fault injection
- b) A fuzzing framework
- c) Code walkthroughs
- d) Use of specific library calls for math functions

Answer: b

Question: 9

A hacker gains unauthorized access to your system and deletes data. This is an example of what type of failure?

- a) Confidentiality
- b) Availability
- c) Authorization
- d) Integrity

Answer: d



Question: 10

_____ are tactical documents that specify steps or processes required to meet a certain requirement.

- a) Procedures
- b) Guidelines
- c) Baselines
- d) Standards

Answer: d

Study Guide to Crack CompTIA CASP+ CAS-004 Exam:

- Getting details of the CAS-004 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 CAS-004 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 CAS-004 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 CAS-004 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 CAS-004 practice tests is must. Continuous practice will make you an expert in all syllabus areas.



Reliable Online Practice Test for CAS-004 Certification

Make EduSum.com your best friend during your CompTIA Advanced Security Practitioner exam preparation. We provide authentic practice tests for the CAS-004 exam. Experts design these online practice tests, so we can offer you an exclusive experience of taking the actual CAS-004 exam. We guarantee you 100% success in your first exam attempt if you continue practicing regularly. Don't bother if you don't get 100% marks in initial practice exam attempts. Just utilize the result section to know your strengths and weaknesses and prepare according to that until you get 100% with our practice tests. Our evaluation makes you confident, and you can score high in the CAS-004 exam.

Start Online practice of CAS-004 Exam by visiting URL

https://www.edusum.com/comptia/cas-004-comptia-advanced-security-practitioner