

## CISSP Dumps

# Certified Information Systems Security Professional (CISSP)

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#### NEW QUESTION 1

- (Exam Topic 1)

A company whose Information Technology (IT) services are being delivered from a Tier 4 data center, is preparing a companywide Business Continuity Planning (BCP). Which of the following failures should the IT manager be concerned with?

- A. Application
- B. Storage
- C. Power
- D. Network

**Answer: C**

#### NEW QUESTION 2

- (Exam Topic 1)

All of the following items should be included in a Business Impact Analysis (BIA) questionnaire EXCEPT questions that

- A. determine the risk of a business interruption occurring
- B. determine the technological dependence of the business processes
- C. Identify the operational impacts of a business interruption
- D. Identify the financial impacts of a business interruption

**Answer: B**

#### NEW QUESTION 3

- (Exam Topic 1)

Which of the following actions will reduce risk to a laptop before traveling to a high risk area?

- A. Examine the device for physical tampering
- B. Implement more stringent baseline configurations
- C. Purge or re-image the hard disk drive
- D. Change access codes

**Answer: D**

#### NEW QUESTION 4

- (Exam Topic 1)

Intellectual property rights are PRIMARY concerned with which of the following?

- A. Owner's ability to realize financial gain
- B. Owner's ability to maintain copyright
- C. Right of the owner to enjoy their creation
- D. Right of the owner to control delivery method

**Answer: D**

#### NEW QUESTION 5

- (Exam Topic 1)

Which of the following types of technologies would be the MOST cost-effective method to provide a reactive control for protecting personnel in public areas?

- A. Install mantraps at the building entrances
- B. Enclose the personnel entry area with polycarbonate plastic
- C. Supply a duress alarm for personnel exposed to the public
- D. Hire a guard to protect the public area

**Answer: D**

#### NEW QUESTION 6

- (Exam Topic 2)

In a data classification scheme, the data is owned by the

- A. system security managers
- B. business managers
- C. Information Technology (IT) managers
- D. end users

**Answer: B**

#### NEW QUESTION 7

- (Exam Topic 2)

Which of the following is an initial consideration when developing an information security management system?

- A. Identify the contractual security obligations that apply to the organizations
- B. Understand the value of the information assets
- C. Identify the level of residual risk that is tolerable to management
- D. Identify relevant legislative and regulatory compliance requirements

**Answer:** B

**NEW QUESTION 8**

- (Exam Topic 2)

Which of the following is MOST important when assigning ownership of an asset to a department?

- A. The department should report to the business owner
- B. Ownership of the asset should be periodically reviewed
- C. Individual accountability should be ensured
- D. All members should be trained on their responsibilities

**Answer:** B

**NEW QUESTION 9**

- (Exam Topic 2)

An organization has doubled in size due to a rapid market share increase. The size of the Information Technology (IT) staff has maintained pace with this growth. The organization hires several contractors whose onsite time is limited. The IT department has pushed its limits building servers and rolling out workstations and has a backlog of account management requests.

Which contract is BEST in offloading the task from the IT staff?

- A. Platform as a Service (PaaS)
- B. Identity as a Service (IDaaS)
- C. Desktop as a Service (DaaS)
- D. Software as a Service (SaaS)

**Answer:** B

**NEW QUESTION 10**

- (Exam Topic 3)

Which technique can be used to make an encryption scheme more resistant to a known plaintext attack?

- A. Hashing the data before encryption
- B. Hashing the data after encryption
- C. Compressing the data after encryption
- D. Compressing the data before encryption

**Answer:** A

**NEW QUESTION 10**

- (Exam Topic 4)

Which of the following operates at the Network Layer of the Open System Interconnection (OSI) model?

- A. Packet filtering
- B. Port services filtering
- C. Content filtering
- D. Application access control

**Answer:** A

**NEW QUESTION 13**

- (Exam Topic 4)

Which of the following is used by the Point-to-Point Protocol (PPP) to determine packet formats?

- A. Layer 2 Tunneling Protocol (L2TP)
- B. Link Control Protocol (LCP)
- C. Challenge Handshake Authentication Protocol (CHAP)
- D. Packet Transfer Protocol (PTP)

**Answer:** B

**NEW QUESTION 17**

- (Exam Topic 4)

What is the purpose of an Internet Protocol (IP) spoofing attack?

- A. To send excessive amounts of data to a process, making it unpredictable
- B. To intercept network traffic without authorization
- C. To disguise the destination address from a target's IP filtering devices
- D. To convince a system that it is communicating with a known entity

**Answer:** D

**NEW QUESTION 19**

- (Exam Topic 5)

A manufacturing organization wants to establish a Federated Identity Management (FIM) system with its 20 different supplier companies. Which of the following is the BEST solution for the manufacturing organization?

- A. Trusted third-party certification
- B. Lightweight Directory Access Protocol (LDAP)
- C. Security Assertion Markup language (SAML)
- D. Cross-certification

**Answer:** C

**NEW QUESTION 24**

- (Exam Topic 5)

What is the BEST approach for controlling access to highly sensitive information when employees have the same level of security clearance?

- A. Audit logs
- B. Role-Based Access Control (RBAC)
- C. Two-factor authentication
- D. Application of least privilege

**Answer:** B

**NEW QUESTION 25**

- (Exam Topic 5)

Which of the following BEST describes an access control method utilizing cryptographic keys derived from a smart card private key that is embedded within mobile devices?

- A. Derived credential
- B. Temporary security credential
- C. Mobile device credentialing service
- D. Digest authentication

**Answer:** A

**NEW QUESTION 30**

- (Exam Topic 6)

Which of the following could cause a Denial of Service (DoS) against an authentication system?

- A. Encryption of audit logs
- B. No archiving of audit logs
- C. Hashing of audit logs
- D. Remote access audit logs

**Answer:** D

**NEW QUESTION 35**

- (Exam Topic 6)

Which of the following is of GREATEST assistance to auditors when reviewing system configurations?

- A. Change management processes
- B. User administration procedures
- C. Operating System (OS) baselines
- D. System backup documentation

**Answer:** A

**NEW QUESTION 37**

- (Exam Topic 6)

Which of the following is a PRIMARY benefit of using a formalized security testing report format and structure?

- A. Executive audiences will understand the outcomes of testing and most appropriate next steps for corrective actions to be taken
- B. Technical teams will understand the testing objectives, testing strategies applied, and business risk associated with each vulnerability
- C. Management teams will understand the testing objectives and reputational risk to the organization
- D. Technical and management teams will better understand the testing objectives, results of each test phase, and potential impact levels

**Answer:** D

**NEW QUESTION 40**

- (Exam Topic 6)

In which of the following programs is it MOST important to include the collection of security process data?

- A. Quarterly access reviews
- B. Security continuous monitoring
- C. Business continuity testing
- D. Annual security training

**Answer:** A

**NEW QUESTION 42**

- (Exam Topic 7)

Recovery strategies of a Disaster Recovery planning (DRIP) MUST be aligned with which of the following?

- A. Hardware and software compatibility issues
- B. Applications' critically and downtime tolerance
- C. Budget constraints and requirements
- D. Cost/benefit analysis and business objectives

**Answer:** D

**NEW QUESTION 44**

- (Exam Topic 7)

A Business Continuity Plan/Disaster Recovery Plan (BCP/DRP) will provide which of the following?

- A. Guaranteed recovery of all business functions
- B. Minimization of the need decision making during a crisis
- C. Insurance against litigation following a disaster
- D. Protection from loss of organization resources

**Answer:** D

**NEW QUESTION 45**

- (Exam Topic 7)

A continuous information security monitoring program can BEST reduce risk through which of the following?

- A. Collecting security events and correlating them to identify anomalies
- B. Facilitating system-wide visibility into the activities of critical user accounts
- C. Encompassing people, process, and technology
- D. Logging both scheduled and unscheduled system changes

**Answer:** B

**NEW QUESTION 46**

- (Exam Topic 7)

An organization is found lacking the ability to properly establish performance indicators for its Web hosting solution during an audit. What would be the MOST probable cause?

- A. Absence of a Business Intelligence (BI) solution
- B. Inadequate cost modeling
- C. Improper deployment of the Service-Oriented Architecture (SOA)
- D. Insufficient Service Level Agreement (SLA)

**Answer:** D

**NEW QUESTION 50**

- (Exam Topic 7)

With what frequency should monitoring of a control occur when implementing Information Security Continuous Monitoring (ISCM) solutions?

- A. Continuously without exception for all security controls
- B. Before and after each change of the control
- C. At a rate concurrent with the volatility of the security control
- D. Only during system implementation and decommissioning

**Answer:** B

**NEW QUESTION 54**

- (Exam Topic 7)

What is the PRIMARY reason for implementing change management?

- A. Certify and approve releases to the environment
- B. Provide version rollbacks for system changes
- C. Ensure that all applications are approved
- D. Ensure accountability for changes to the environment

**Answer:** D

**NEW QUESTION 57**

- (Exam Topic 7)

Which of the following types of business continuity tests includes assessment of resilience to internal and external risks without endangering live operations?

- A. Walkthrough
- B. Simulation
- C. Parallel
- D. White box

**Answer:** B

**NEW QUESTION 60**

- (Exam Topic 8)

Which of the following is the PRIMARY risk with using open source software in a commercial software construction?

- A. Lack of software documentation
- B. License agreements requiring release of modified code
- C. Expiration of the license agreement
- D. Costs associated with support of the software

**Answer:** D

**NEW QUESTION 61**

- (Exam Topic 9)

What is the FIRST step in developing a security test and its evaluation?

- A. Determine testing methods
- B. Develop testing procedures
- C. Identify all applicable security requirements
- D. Identify people, processes, and products not in compliance

**Answer:** C

**NEW QUESTION 65**

- (Exam Topic 9)

The three PRIMARY requirements for a penetration test are

- A. A defined goal, limited time period, and approval of management
- B. A general objective, unlimited time, and approval of the network administrator
- C. An objective statement, disclosed methodology, and fixed cost
- D. A stated objective, liability waiver, and disclosed methodology

**Answer:** A

**NEW QUESTION 70**

- (Exam Topic 9)

Which of the following is the FIRST action that a system administrator should take when it is revealed during a penetration test that everyone in an organization has unauthorized access to a server holding sensitive data?

- A. Immediately document the finding and report to senior management.
- B. Use system privileges to alter the permissions to secure the server
- C. Continue the testing to its completion and then inform IT management
- D. Terminate the penetration test and pass the finding to the server management team

**Answer:** A

**NEW QUESTION 72**

- (Exam Topic 9)

Which of the following is ensured when hashing files during chain of custody handling?

- A. Availability
- B. Accountability
- C. Integrity
- D. Non-repudiation

**Answer:** C

**NEW QUESTION 76**

- (Exam Topic 9)

Logical access control programs are MOST effective when they are

- A. approved by external auditors.
- B. combined with security token technology.
- C. maintained by computer security officers.
- D. made part of the operating system.

**Answer:** D

**NEW QUESTION 80**

- (Exam Topic 9)

Which of the following is a limitation of the Common Vulnerability Scoring System (CVSS) as it relates to conducting code review?

- A. It has normalized severity ratings.
- B. It has many worksheets and practices to implement.
- C. It aims to calculate the risk of published vulnerabilities.
- D. It requires a robust risk management framework to be put in place.

**Answer:**



C

**NEW QUESTION 82**

- (Exam Topic 9)

To prevent inadvertent disclosure of restricted information, which of the following would be the LEAST effective process for eliminating data prior to the media being discarded?

- A. Multiple-pass overwriting
- B. Degaussing
- C. High-level formatting
- D. Physical destruction

**Answer: C**

**NEW QUESTION 84**

- (Exam Topic 9)

A vulnerability test on an Information System (IS) is conducted to

- A. exploit security weaknesses in the IS.
- B. measure system performance on systems with weak security controls.
- C. evaluate the effectiveness of security controls.
- D. prepare for Disaster Recovery (DR) planning.

**Answer: C**

**NEW QUESTION 86**

- (Exam Topic 9)

Copyright provides protection for which of the following?

- A. Ideas expressed in literary works
- B. A particular expression of an idea
- C. New and non-obvious inventions
- D. Discoveries of natural phenomena

**Answer: B**

**NEW QUESTION 88**

- (Exam Topic 9)

An internal Service Level Agreement (SLA) covering security is signed by senior managers and is in place. When should compliance to the SLA be reviewed to ensure that a good security posture is being delivered?

- A. As part of the SLA renewal process
- B. Prior to a planned security audit
- C. Immediately after a security breach
- D. At regularly scheduled meetings

**Answer: D**

**NEW QUESTION 93**

- (Exam Topic 9)

Which layer of the Open Systems Interconnections (OSI) model implementation adds information concerning the logical connection between the sender and receiver?

- A. Physical
- B. Session
- C. Transport
- D. Data-Link

**Answer: C**

**NEW QUESTION 95**

- (Exam Topic 9)

Checking routing information on e-mail to determine it is in a valid format and contains valid information is an example of which of the following anti-spam approaches?

- A. Simple Mail Transfer Protocol (SMTP) blacklist
- B. Reverse Domain Name System (DNS) lookup
- C. Hashing algorithm
- D. Header analysis

**Answer: D**

**NEW QUESTION 100**

- (Exam Topic 9)

During an audit of system management, auditors find that the system administrator has not been trained. What actions need to be taken at once to ensure the integrity of systems?

- A. A review of hiring policies and methods of verification of new employees
- B. A review of all departmental procedures
- C. A review of all training procedures to be undertaken
- D. A review of all systems by an experienced administrator

**Answer:** D

**NEW QUESTION 103**

- (Exam Topic 9)

The type of authorized interactions a subject can have with an object is

- A. control.
- B. permission.
- C. procedure.
- D. protocol.

**Answer:** B

**NEW QUESTION 108**

- (Exam Topic 9)

The Structured Query Language (SQL) implements Discretionary Access Controls (DAC) using

- A. INSERT and DELETE.
- B. GRANT and REVOKE.
- C. PUBLIC and PRIVATE.
- D. ROLLBACK and TERMINATE.

**Answer:** B

**NEW QUESTION 109**

- (Exam Topic 9)

Which of the following is an attacker MOST likely to target to gain privileged access to a system?

- A. Programs that write to system resources
- B. Programs that write to user directories
- C. Log files containing sensitive information
- D. Log files containing system calls

**Answer:** A

**NEW QUESTION 111**

- (Exam Topic 9)

Which of the following is an authentication protocol in which a new random number is generated uniquely for each login session?

- A. Challenge Handshake Authentication Protocol (CHAP)
- B. Point-to-Point Protocol (PPP)
- C. Extensible Authentication Protocol (EAP)
- D. Password Authentication Protocol (PAP)

**Answer:** A

**NEW QUESTION 116**

- (Exam Topic 9)

In a financial institution, who has the responsibility for assigning the classification to a piece of information?

- A. Chief Financial Officer (CFO)
- B. Chief Information Security Officer (CISO)
- C. Originator or nominated owner of the information
- D. Department head responsible for ensuring the protection of the information

**Answer:** C

**NEW QUESTION 117**

- (Exam Topic 9)

As one component of a physical security system, an Electronic Access Control (EAC) token is BEST known for its ability to

- A. overcome the problems of key assignments.
- B. monitor the opening of windows and doors.
- C. trigger alarms when intruders are detected.
- D. lock down a facility during an emergency.

**Answer:** A

**NEW QUESTION 119**

- (Exam Topic 9)



When building a data center, site location and construction factors that increase the level of vulnerability to physical threats include

- A. hardened building construction with consideration of seismic factors.
- B. adequate distance from and lack of access to adjacent buildings.
- C. curved roads approaching the data center.
- D. proximity to high crime areas of the city.

**Answer:** D

#### NEW QUESTION 120

- (Exam Topic 9)

Which one of the following is the MOST important in designing a biometric access system if it is essential that no one other than authorized individuals are admitted?

- A. False Acceptance Rate (FAR)
- B. False Rejection Rate (FRR)
- C. Crossover Error Rate (CER)
- D. Rejection Error Rate

**Answer:** A

#### NEW QUESTION 124

- (Exam Topic 9)

Which of the following is a security feature of Global Systems for Mobile Communications (GSM)?

- A. It uses a Subscriber Identity Module (SIM) for authentication.
- B. It uses encrypting techniques for all communications.
- C. The radio spectrum is divided with multiple frequency carriers.
- D. The signal is difficult to read as it provides end-to-end encryption.

**Answer:** A

#### NEW QUESTION 129

- (Exam Topic 9)

Which of the following methods protects Personally Identifiable Information (PII) by use of a full replacement of the data element?

- A. Transparent Database Encryption (TDE)
- B. Column level database encryption
- C. Volume encryption
- D. Data tokenization

**Answer:** D

#### NEW QUESTION 133

- (Exam Topic 9)

An auditor carrying out a compliance audit requests passwords that are encrypted in the system to verify that the passwords are compliant with policy. Which of the following is the BEST response to the auditor?

- A. Provide the encrypted passwords and analysis tools to the auditor for analysis.
- B. Analyze the encrypted passwords for the auditor and show them the results.
- C. Demonstrate that non-compliant passwords cannot be created in the system.
- D. Demonstrate that non-compliant passwords cannot be encrypted in the system.

**Answer:** C

#### NEW QUESTION 137

- (Exam Topic 9)

Which of the following is the MOST important consideration when storing and processing Personally Identifiable Information (PII)?

- A. Encrypt and hash all PII to avoid disclosure and tampering.
- B. Store PII for no more than one year.
- C. Avoid storing PII in a Cloud Service Provider.
- D. Adherence to collection limitation laws and regulations.

**Answer:** D

#### NEW QUESTION 140

- (Exam Topic 9)

What would be the PRIMARY concern when designing and coordinating a security assessment for an Automatic Teller Machine (ATM) system?

- A. Physical access to the electronic hardware
- B. Regularly scheduled maintenance process
- C. Availability of the network connection
- D. Processing delays

**Answer:** A

**NEW QUESTION 142**

- (Exam Topic 9)

An external attacker has compromised an organization's network security perimeter and installed a sniffer onto an inside computer. Which of the following is the MOST effective layer of security the organization could have implemented to mitigate the attacker's ability to gain further information?

- A. Implement packet filtering on the network firewalls
- B. Require strong authentication for administrators
- C. Install Host Based Intrusion Detection Systems (HIDS)
- D. Implement logical network segmentation at the switches

**Answer:** D

**NEW QUESTION 143**

- (Exam Topic 9)

Which one of the following effectively obscures network addresses from external exposure when implemented on a firewall or router?

- A. Network Address Translation (NAT)
- B. Application Proxy
- C. Routing Information Protocol (RIP) Version 2
- D. Address Masking

**Answer:** A

**NEW QUESTION 146**

- (Exam Topic 9)

In Business Continuity Planning (BCP), what is the importance of documenting business processes?

- A. Provides senior management with decision-making tools
- B. Establishes and adopts ongoing testing and maintenance strategies
- C. Defines who will perform which functions during a disaster or emergency
- D. Provides an understanding of the organization's interdependencies

**Answer:** D

**NEW QUESTION 150**

- (Exam Topic 9)

A security consultant has been asked to research an organization's legal obligations to protect privacy-related information. What kind of reading material is MOST relevant to this project?

- A. The organization's current security policies concerning privacy issues
- B. Privacy-related regulations enforced by governing bodies applicable to the organization
- C. Privacy best practices published by recognized security standards organizations
- D. Organizational procedures designed to protect privacy information

**Answer:** B

**NEW QUESTION 153**

- (Exam Topic 9)

Which one of the following is a fundamental objective in handling an incident?

- A. To restore control of the affected systems
- B. To confiscate the suspect's computers
- C. To prosecute the attacker
- D. To perform full backups of the system

**Answer:** A

**NEW QUESTION 154**

- (Exam Topic 9)

Alternate encoding such as hexadecimal representations is MOST often observed in which of the following forms of attack?

- A. Smurf
- B. Rootkit exploit
- C. Denial of Service (DoS)
- D. Cross site scripting (XSS)

**Answer:** D

**NEW QUESTION 157**

- (Exam Topic 9)

In a basic SYN flood attack, what is the attacker attempting to achieve?

- A. Exceed the threshold limit of the connection queue for a given service
- B. Set the threshold to zero for a given service
- C. Cause the buffer to overflow, allowing root access
- D. Flush the register stack, allowing hijacking of the root account

**Answer:** A

**NEW QUESTION 160**

- (Exam Topic 9)

Which of the following is a network intrusion detection technique?

- A. Statistical anomaly
- B. Perimeter intrusion
- C. Port scanning
- D. Network spoofing

**Answer:** A

**NEW QUESTION 164**

- (Exam Topic 9)

In a data classification scheme, the data is owned by the

- A. Information Technology (IT) managers.
- B. business managers.
- C. end users.
- D. system security managers.

**Answer:** B

**NEW QUESTION 167**

- (Exam Topic 9)

When implementing controls in a heterogeneous end-point network for an organization, it is critical that

- A. hosts are able to establish network communications.
- B. users can make modifications to their security software configurations.
- C. common software security components be implemented across all hosts.
- D. firewalls running on each host are fully customizable by the user.

**Answer:** C

**NEW QUESTION 171**

- (Exam Topic 9)

While impersonating an Information Security Officer (ISO), an attacker obtains information from company employees about their User IDs and passwords. Which method of information gathering has the attacker used?

- A. Trusted path
- B. Malicious logic
- C. Social engineering
- D. Passive misuse

**Answer:** C

**NEW QUESTION 175**

- (Exam Topic 9)

Which of the following defines the key exchange for Internet Protocol Security (IPSec)?

- A. Secure Sockets Layer (SSL) key exchange
- B. Internet Key Exchange (IKE)
- C. Security Key Exchange (SKE)
- D. Internet Control Message Protocol (ICMP)

**Answer:** B

**NEW QUESTION 178**

- (Exam Topic 9)

A software scanner identifies a region within a binary image having high entropy. What does this MOST likely indicate?

- A. Encryption routines
- B. Random number generator
- C. Obfuscated code
- D. Botnet command and control

**Answer:** C

**NEW QUESTION 180**

- (Exam Topic 9)

Which of the following actions should be performed when implementing a change to a database schema in a production system?

- A. Test in development, determine dates, notify users, and implement in production
- B. Apply change to production, run in parallel, finalize change in production, and develop a back-out strategy

- C. Perform user acceptance testing in production, have users sign off, and finalize change
- D. Change in development, perform user acceptance testing, develop a back-out strategy, and implement change

**Answer:** D

#### **NEW QUESTION 183**

- (Exam Topic 9)

Who must approve modifications to an organization's production infrastructure configuration?

- A. Technical management
- B. Change control board
- C. System operations
- D. System users

**Answer:** B

#### **NEW QUESTION 184**

- (Exam Topic 9)

An Intrusion Detection System (IDS) is generating alarms that a user account has over 100 failed login attempts per minute. A sniffer is placed on the network, and a variety of passwords for that user are noted. Which of the following is MOST likely occurring?

- A. A dictionary attack
- B. A Denial of Service (DoS) attack
- C. A spoofing attack
- D. A backdoor installation

**Answer:** A

#### **NEW QUESTION 186**

- (Exam Topic 9)

Which of the following is a potential risk when a program runs in privileged mode?

- A. It may serve to create unnecessary code complexity
- B. It may not enforce job separation duties
- C. It may create unnecessary application hardening
- D. It may allow malicious code to be inserted

**Answer:** D

#### **NEW QUESTION 187**

- (Exam Topic 9)

Passive Infrared Sensors (PIR) used in a non-climate controlled environment should

- A. reduce the detected object temperature in relation to the background temperature.
- B. increase the detected object temperature in relation to the background temperature.
- C. automatically compensate for variance in background temperature.
- D. detect objects of a specific temperature independent of the background temperature.

**Answer:** C

#### **NEW QUESTION 192**

- (Exam Topic 9)

When designing a vulnerability test, which one of the following is likely to give the BEST indication of what components currently operate on the network?

- A. Topology diagrams
- B. Mapping tools
- C. Asset register
- D. Ping testing

**Answer:** B

#### **NEW QUESTION 193**

- (Exam Topic 9)

Which of the following MUST be done when promoting a security awareness program to senior management?

- A. Show the need for security; identify the message and the audience
- B. Ensure that the security presentation is designed to be all-inclusive
- C. Notify them that their compliance is mandatory
- D. Explain how hackers have enhanced information security

**Answer:** A

#### **NEW QUESTION 196**

- (Exam Topic 9)

What is the MOST effective countermeasure to a malicious code attack against a mobile system?

- A. Sandbox
- B. Change control
- C. Memory management
- D. Public-Key Infrastructure (PKI)

**Answer:** A

**NEW QUESTION 200**

- (Exam Topic 9)

Which of the following is the BEST mitigation from phishing attacks?

- A. Network activity monitoring
- B. Security awareness training
- C. Corporate policy and procedures
- D. Strong file and directory permissions

**Answer:** B

**NEW QUESTION 204**

- (Exam Topic 9)

Which one of the following affects the classification of data?

- A. Passage of time
- B. Assigned security label
- C. Multilevel Security (MLS) architecture
- D. Minimum query size

**Answer:** A

**NEW QUESTION 209**

- (Exam Topic 9)

An organization is designing a large enterprise-wide document repository system. They plan to have several different classification level areas with increasing levels of controls. The BEST way to ensure document confidentiality in the repository is to

- A. encrypt the contents of the repository and document any exceptions to that requirement.
- B. utilize Intrusion Detection System (IDS) set drop connections if too many requests for documents are detected.
- C. keep individuals with access to high security areas from saving those documents into lower security areas.
- D. require individuals with access to the system to sign Non-Disclosure Agreements (NDA).

**Answer:** C

**NEW QUESTION 212**

- (Exam Topic 9)

The goal of software assurance in application development is to

- A. enable the development of High Availability (HA) systems.
- B. facilitate the creation of Trusted Computing Base (TCB) systems.
- C. prevent the creation of vulnerable applications.
- D. encourage the development of open source applications.

**Answer:** C

**NEW QUESTION 215**

- (Exam Topic 9)

Why must all users be positively identified prior to using multi-user computers?

- A. To provide access to system privileges
- B. To provide access to the operating system
- C. To ensure that unauthorized persons cannot access the computers
- D. To ensure that management knows what users are currently logged on

**Answer:** C

**NEW QUESTION 217**

- (Exam Topic 9)

Which of the following wraps the decryption key of a full disk encryption implementation and ties the hard disk drive to a particular device?

- A. Trusted Platform Module (TPM)
- B. Preboot eXecution Environment (PXE)
- C. Key Distribution Center (KDC)
- D. Simple Key-Management for Internet Protocol (SKIP)

**Answer:** A

**NEW QUESTION 220**

- (Exam Topic 9)

Which of the following Disaster Recovery (DR) sites is the MOST difficult to test?

- A. Hot site
- B. Cold site
- C. Warm site
- D. Mobile site

**Answer:** B

**NEW QUESTION 222**

- (Exam Topic 9)

Which of the following statements is TRUE of black box testing?

- A. Only the functional specifications are known to the test planner.
- B. Only the source code and the design documents are known to the test planner.
- C. Only the source code and functional specifications are known to the test planner.
- D. Only the design documents and the functional specifications are known to the test planner.

**Answer:** A

**NEW QUESTION 227**

- (Exam Topic 9)

At a MINIMUM, a formal review of any Disaster Recovery Plan (DRP) should be conducted

- A. monthly.
- B. quarterly.
- C. annually.
- D. bi-annually.

**Answer:** C

**NEW QUESTION 229**

- (Exam Topic 10)

What is the MAIN feature that onion routing networks offer?

- A. Non-repudiation
- B. Traceability
- C. Anonymity
- D. Resilience

**Answer:** C

**NEW QUESTION 231**

- (Exam Topic 10)

Which of the following is a process within a Systems Engineering Life Cycle (SELC) stage?

- A. Requirements Analysis
- B. Development and Deployment
- C. Production Operations
- D. Utilization Support

**Answer:** A

**NEW QUESTION 232**

- (Exam Topic 10)

Refer to the information below to answer the question.

A new employee is given a laptop computer with full administrator access. This employee does not have a personal computer at home and has a child that uses the computer to send and receive e-mail, search the web, and use instant messaging. The organization's Information Technology (IT) department discovers that a peer-to-peer program has been installed on the computer using the employee's access.

Which of the following solutions would have MOST likely detected the use of peer-to-peer programs when the computer was connected to the office network?

- A. Anti-virus software
- B. Intrusion Prevention System (IPS)
- C. Anti-spyware software
- D. Integrity checking software

**Answer:** B

**NEW QUESTION 237**

- (Exam Topic 10)

Which of the following describes the concept of a Single Sign-On (SSO) system?

- A. Users are authenticated to one system at a time.
- B. Users are identified to multiple systems with several credentials.
- C. Users are authenticated to multiple systems with one login.
- D. Only one user is using the system at a time.



**Answer:** C

**NEW QUESTION 240**

- (Exam Topic 10)

Which of the following is the MOST beneficial to review when performing an IT audit?

- A. Audit policy
- B. Security log
- C. Security policies
- D. Configuration settings

**Answer:** C

**NEW QUESTION 241**

- (Exam Topic 10)

When dealing with compliance with the Payment Card Industry-Data Security Standard (PCI-DSS), an organization that shares card holder information with a service provider MUST do which of the following?

- A. Perform a service provider PCI-DSS assessment on a yearly basis.
- B. Validate the service provider's PCI-DSS compliance status on a regular basis.
- C. Validate that the service providers security policies are in alignment with those of the organization.
- D. Ensure that the service provider updates and tests its Disaster Recovery Plan (DRP) on a yearly basis.

**Answer:** B

**NEW QUESTION 242**

- (Exam Topic 10)

According to best practice, which of the following groups is the MOST effective in performing an information security compliance audit?

- A. In-house security administrators
- B. In-house Network Team
- C. Disaster Recovery (DR) Team
- D. External consultants

**Answer:** D

**NEW QUESTION 243**

- (Exam Topic 10)

During an investigation of database theft from an organization's web site, it was determined that the Structured Query Language (SQL) injection technique was used despite input validation with client-side scripting. Which of the following provides the GREATEST protection against the same attack occurring again?

- A. Encrypt communications between the servers
- B. Encrypt the web server traffic
- C. Implement server-side filtering
- D. Filter outgoing traffic at the perimeter firewall

**Answer:** C

**NEW QUESTION 247**

- (Exam Topic 10)

Refer to the information below to answer the question.

An organization experiencing a negative financial impact is forced to reduce budgets and the number of Information Technology (IT) operations staff performing basic logical access security administration

functions. Security processes have been tightly integrated into normal IT operations and are not separate and distinct roles.

Which of the following will be the PRIMARY security concern as staff is released from the organization?

- A. Inadequate IT support
- B. Loss of data and separation of duties
- C. Undocumented security controls
- D. Additional responsibilities for remaining staff

**Answer:** B

**NEW QUESTION 250**

- (Exam Topic 10)

If an attacker in a SYN flood attack uses someone else's valid host address as the source address, the system under attack will send a large number of Synchronize/Acknowledge (SYN/ACK) packets to the

- A. default gateway.
- B. attacker's address.
- C. local interface being attacked.
- D. specified source address.

**Answer:** D

**NEW QUESTION 254**

- (Exam Topic 10)

What does secure authentication with logging provide?

- A. Data integrity
- B. Access accountability
- C. Encryption logging format
- D. Segregation of duties

**Answer:** B

**NEW QUESTION 256**

- (Exam Topic 10)

According to best practice, which of the following is required when implementing third party software in a production environment?

- A. Scan the application for vulnerabilities
- B. Contract the vendor for patching
- C. Negotiate end user application training
- D. Escrow a copy of the software

**Answer:** A

**NEW QUESTION 261**

- (Exam Topic 10)

Which of the following assures that rules are followed in an identity management architecture?

- A. Policy database
- B. Digital signature
- C. Policy decision point
- D. Policy enforcement point

**Answer:** D

**NEW QUESTION 262**

- (Exam Topic 10)

Which of the following is the MOST difficult to enforce when using cloud computing?

- A. Data access
- B. Data backup
- C. Data recovery
- D. Data disposal

**Answer:** D

**NEW QUESTION 266**

- (Exam Topic 10)

What is the MOST effective method for gaining unauthorized access to a file protected with a long complex password?

- A. Brute force attack
- B. Frequency analysis
- C. Social engineering
- D. Dictionary attack

**Answer:** C

**NEW QUESTION 269**

- (Exam Topic 10)

Multi-Factor Authentication (MFA) is necessary in many systems given common types of password attacks. Which of the following is a correct list of password attacks?

- A. Masquerading, salami, malware, polymorphism
- B. Brute force, dictionary, phishing, keylogger
- C. Zeus, netbus, rabbit, turtle
- D. Token, biometrics, IDS, DLP

**Answer:** B

**NEW QUESTION 274**

- (Exam Topic 10)

Which of the following are required components for implementing software configuration management systems?

- A. Audit control and signoff
- B. User training and acceptance
- C. Rollback and recovery processes
- D. Regression testing and evaluation

**Answer:**

C

**NEW QUESTION 279**

- (Exam Topic 10)

Which of the following is required to determine classification and ownership?

- A. System and data resources are properly identified
- B. Access violations are logged and audited
- C. Data file references are identified and linked
- D. System security controls are fully integrated

**Answer:** A

**NEW QUESTION 283**

- (Exam Topic 10)

Which of the following BEST mitigates a replay attack against a system using identity federation and Security Assertion Markup Language (SAML) implementation?

- A. Two-factor authentication
- B. Digital certificates and hardware tokens
- C. Timed sessions and Secure Socket Layer (SSL)
- D. Passwords with alpha-numeric and special characters

**Answer:** C

**NEW QUESTION 287**

- (Exam Topic 10)

Refer to the information below to answer the question.

A large organization uses unique identifiers and requires them at the start of every system session. Application access is based on job classification. The organization is subject to periodic independent reviews of access controls and violations. The organization uses wired and wireless networks and remote access. The organization also uses secure connections to branch offices and secure backup and recovery strategies for selected information and processes. What MUST the access control logs contain in addition to the identifier?

- A. Time of the access
- B. Security classification
- C. Denied access attempts
- D. Associated clearance

**Answer:** A

**NEW QUESTION 290**

- (Exam Topic 10)

What is the MOST critical factor to achieve the goals of a security program?

- A. Capabilities of security resources
- B. Executive management support
- C. Effectiveness of security management
- D. Budget approved for security resources

**Answer:** B

**NEW QUESTION 293**

- (Exam Topic 10)

A business has implemented Payment Card Industry Data Security Standard (PCI-DSS) compliant handheld credit card processing on their Wireless Local Area Network (WLAN) topology. The network team partitioned the WLAN to create a private segment for credit card processing using a firewall to control device access and route traffic to the card processor on the Internet. What components are in the scope of PCI-DSS?

- A. The entire enterprise network infrastructure.
- B. The handheld devices, wireless access points and border gateway.
- C. The end devices, wireless access points, WLAN, switches, management console, and firewall.
- D. The end devices, wireless access points, WLAN, switches, management console, and Internet

**Answer:** C

**NEW QUESTION 298**

- (Exam Topic 10)

Refer to the information below to answer the question.

During the investigation of a security incident, it is determined that an unauthorized individual accessed a system which hosts a database containing financial information.

If the intrusion causes the system processes to hang, which of the following has been affected?

- A. System integrity
- B. System availability
- C. System confidentiality
- D. System auditability

**Answer:** B

**NEW QUESTION 303**

- (Exam Topic 10)

Which of the following is a MAJOR consideration in implementing a Voice over IP (VoIP) network?

- A. Use of a unified messaging.
- B. Use of separation for the voice network.
- C. Use of Network Access Control (NAC) on switches.
- D. Use of Request for Comments (RFC) 1918 addressing.

**Answer:** B

**NEW QUESTION 305**

- (Exam Topic 10)

Which of the following is a critical factor for implementing a successful data classification program?

- A. Executive sponsorship
- B. Information security sponsorship
- C. End-user acceptance
- D. Internal audit acceptance

**Answer:** A

**NEW QUESTION 310**

- (Exam Topic 10)

Which of the following is the BEST solution to provide redundancy for telecommunications links?

- A. Provide multiple links from the same telecommunications vendor.
- B. Ensure that the telecommunications links connect to the network in one location.
- C. Ensure that the telecommunications links connect to the network in multiple locations.
- D. Provide multiple links from multiple telecommunications vendors.

**Answer:** D

**NEW QUESTION 313**

- (Exam Topic 10)

Which of the following actions MUST be taken if a vulnerability is discovered during the maintenance stage in a System Development Life Cycle (SDLC)?

- A. Make changes following principle and design guidelines.
- B. Stop the application until the vulnerability is fixed.
- C. Report the vulnerability to product owner.
- D. Monitor the application and review code.

**Answer:** C

**NEW QUESTION 315**

- (Exam Topic 10)

Which of the following is a detective access control mechanism?

- A. Log review
- B. Least privilege
- C. Password complexity
- D. Non-disclosure agreement

**Answer:** A

**NEW QUESTION 316**

- (Exam Topic 10)

Refer to the information below to answer the question.

An organization experiencing a negative financial impact is forced to reduce budgets and the number of Information Technology (IT) operations staff performing basic logical access security administration functions. Security processes have been tightly integrated into normal IT operations and are not separate and distinct roles.

Which of the following will indicate where the IT budget is BEST allocated during this time?

- A. Policies
- B. Frameworks
- C. Metrics
- D. Guidelines

**Answer:** C

**NEW QUESTION 321**

- (Exam Topic 10)

Which of the following is the MOST effective attack against cryptographic hardware modules?

- A. Plaintext
- B. Brute force

- C. Power analysis
- D. Man-in-the-middle (MITM)

**Answer:** C

#### NEW QUESTION 326

- (Exam Topic 10)

During the procurement of a new information system, it was determined that some of the security requirements were not addressed in the system specification. Which of the following is the MOST likely reason for this?

- A. The procurement officer lacks technical knowledge.
- B. The security requirements have changed during the procurement process.
- C. There were no security professionals in the vendor's bidding team.
- D. The description of the security requirements was insufficient.

**Answer:** D

#### NEW QUESTION 328

- (Exam Topic 10)

When is security personnel involvement in the Systems Development Life Cycle (SDLC) process MOST beneficial?

- A. Testing phase
- B. Development phase
- C. Requirements definition phase
- D. Operations and maintenance phase

**Answer:** C

#### NEW QUESTION 330

- (Exam Topic 10)

With data labeling, which of the following MUST be the key decision maker?

- A. Information security
- B. Departmental management
- C. Data custodian
- D. Data owner

**Answer:** D

#### NEW QUESTION 335

- (Exam Topic 10)

Which of the following is the MOST crucial for a successful audit plan?

- A. Defining the scope of the audit to be performed
- B. Identifying the security controls to be implemented
- C. Working with the system owner on new controls
- D. Acquiring evidence of systems that are not compliant

**Answer:** A

#### NEW QUESTION 339

- (Exam Topic 10)

Refer to the information below to answer the question.

An organization experiencing a negative financial impact is forced to reduce budgets and the number of Information Technology (IT) operations staff performing basic logical access security administration functions. Security processes have been tightly integrated into normal IT operations and are not separate and distinct roles.

Which of the following will MOST likely allow the organization to keep risk at an acceptable level?

- A. Increasing the amount of audits performed by third parties
- B. Removing privileged accounts from operational staff
- C. Assigning privileged functions to appropriate staff
- D. Separating the security function into distinct roles

**Answer:** C

#### NEW QUESTION 341

- (Exam Topic 10)

A large bank deploys hardware tokens to all customers that use their online banking system. The token generates and displays a six digit numeric password every 60 seconds. The customers must log into their bank accounts using this numeric password. This is an example of

- A. asynchronous token.
- B. Single Sign-On (SSO) token.
- C. single factor authentication token.
- D. synchronous token.

**Answer:** D

**NEW QUESTION 342**

- (Exam Topic 10)

Refer to the information below to answer the question.

An organization has hired an information security officer to lead their security department. The officer has adequate people resources but is lacking the other necessary components to have an effective security program. There are numerous initiatives requiring security involvement.

Given the number of priorities, which of the following will MOST likely influence the selection of top initiatives?

- A. Severity of risk
- B. Complexity of strategy
- C. Frequency of incidents
- D. Ongoing awareness

**Answer:** A

**NEW QUESTION 346**

- (Exam Topic 10)

Refer to the information below to answer the question.

A new employee is given a laptop computer with full administrator access. This employee does not have a personal computer at home and has a child that uses the computer to send and receive e-mail, search the web, and use instant messaging. The organization's Information Technology (IT) department discovers that a peer-to-peer program has been installed on the computer using the employee's access.

Which of the following could have MOST likely prevented the Peer-to-Peer (P2P) program from being installed on the computer?

- A. Removing employee's full access to the computer
- B. Supervising their child's use of the computer
- C. Limiting computer's access to only the employee
- D. Ensuring employee understands their business conduct guidelines

**Answer:** A

**NEW QUESTION 350**

- (Exam Topic 10)

Refer to the information below to answer the question.

A large organization uses unique identifiers and requires them at the start of every system session. Application access is based on job classification. The organization is subject to periodic independent reviews of access controls and violations. The organization uses wired and wireless networks and remote access. The organization also uses secure connections to branch offices and secure backup and recovery strategies for selected information and processes.

Which of the following BEST describes the access control methodology used?

- A. Least privilege
- B. Lattice Based Access Control (LBAC)
- C. Role Based Access Control (RBAC)
- D. Lightweight Directory Access Control (LDAP)

**Answer:** C

**NEW QUESTION 351**

- (Exam Topic 10)

Host-Based Intrusion Protection (HIPS) systems are often deployed in monitoring or learning mode during their initial implementation. What is the objective of starting in this mode?

- A. Automatically create exceptions for specific actions or files
- B. Determine which files are unsafe to access and blacklist them
- C. Automatically whitelist actions or files known to the system
- D. Build a baseline of normal or safe system events for review

**Answer:** D

**NEW QUESTION 353**

- (Exam Topic 10)

Refer to the information below to answer the question.

A new employee is given a laptop computer with full administrator access. This employee does not have a personal computer at home and has a child that uses the computer to send and receive e-mail, search the web, and use instant messaging. The organization's Information Technology (IT) department discovers that a peer-to-peer program has been installed on the computer using the employee's access.

Which of the following methods is the MOST effective way of removing the Peer-to-Peer (P2P) program from the computer?

- A. Run software uninstall
- B. Re-image the computer
- C. Find and remove all installation files
- D. Delete all cookies stored in the web browser cache

**Answer:** B

**NEW QUESTION 356**

- (Exam Topic 10)

A Business Continuity Plan (BCP) is based on

- A. the policy and procedures manual.
- B. an existing BCP from a similar organization.
- C. a review of the business processes and procedures.



D. a standard checklist of required items and objectives.

**Answer:** C

**NEW QUESTION 358**

- (Exam Topic 10)

Place the following information classification steps in sequential order.

Steps

- Declassify information when appropriate
- Apply the appropriate security markings
- Conduct periodic classification reviews
- Assign a classification level
- Document the information assets

Order

- Step
- Step
- Step
- Step
- Step

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Steps

- Declassify information when appropriate
- Apply the appropriate security markings
- Conduct periodic classification reviews
- Assign a classification level
- Document the information assets

Order

- Document the information assets
- Assign a classification level
- Apply the appropriate security markings
- Conduct periodic classification reviews
- Declassify information when appropriate

**NEW QUESTION 360**

- (Exam Topic 10)

The use of proximity card to gain access to a building is an example of what type of security control?

- A. Legal
- B. Logical
- C. Physical
- D. Procedural

**Answer:** C

**NEW QUESTION 365**

- (Exam Topic 10)

A large university needs to enable student access to university resources from their homes. Which of the following provides the BEST option for low maintenance and ease of deployment?

- A. Provide students with Internet Protocol Security (IPSec) Virtual Private Network (VPN) client software.
- B. Use Secure Sockets Layer (SSL) VPN technology.
- C. Use Secure Shell (SSH) with public/private keys.
- D. Require students to purchase home router capable of VPN.

**Answer:** B

**NEW QUESTION 366**

- (Exam Topic 10)

Refer to the information below to answer the question.

In a Multilevel Security (MLS) system, the following sensitivity labels are used in increasing levels of sensitivity: restricted, confidential, secret, top secret. Table A lists the clearance levels for four users, while Table B lists the security classes of four different files.

Table A		Table B	
User	Clearance Level	Files	Security Class
A	Restricted	1	Restricted
B	Confidential	2	Confidential
C	Secret	3	Secret
D	Top Secret	4	Top Secret

In a Bell-LaPadula system, which user has the MOST restrictions when writing data to any of the four files?

- A. User A
- B. User B
- C. User C
- D. User D

**Answer:** D

**NEW QUESTION 367**

- (Exam Topic 10)

For a service provider, which of the following MOST effectively addresses confidentiality concerns for customers using cloud computing?

- A. Hash functions
- B. Data segregation
- C. File system permissions
- D. Non-repudiation controls

**Answer:** B

**NEW QUESTION 372**

- (Exam Topic 10)

An organization decides to implement a partial Public Key Infrastructure (PKI) with only the servers having digital certificates. What is the security benefit of this implementation?

- A. Clients can authenticate themselves to the servers.
- B. Mutual authentication is available between the clients and servers.
- C. Servers are able to issue digital certificates to the client.
- D. Servers can authenticate themselves to the client.

**Answer:** D

**NEW QUESTION 374**

- (Exam Topic 10)

An organization's data policy MUST include a data retention period which is based on

- A. application dismissal.
- B. business procedures.
- C. digital certificates expiration.
- D. regulatory compliance.

**Answer:** D

**NEW QUESTION 377**

- (Exam Topic 10)

Which of the following is the BEST way to determine if a particular system is able to identify malicious software without executing it?

- A. Testing with a Botnet
- B. Testing with an EICAR file
- C. Executing a binary shellcode
- D. Run multiple antivirus programs

**Answer:** B

**NEW QUESTION 380**

- (Exam Topic 10)

A thorough review of an organization's audit logs finds that a disgruntled network administrator has intercepted emails meant for the Chief Executive Officer (CEO) and changed them before forwarding them to their intended recipient. What type of attack has MOST likely occurred?

- A. Spoofing

- B. Eavesdropping
- C. Man-in-the-middle
- D. Denial of service

**Answer:** C

**NEW QUESTION 383**

- (Exam Topic 10)

An organization publishes and periodically updates its employee policies in a file on their intranet. Which of the following is a PRIMARY security concern?

- A. Availability
- B. Confidentiality
- C. Integrity
- D. Ownership

**Answer:** C

**NEW QUESTION 387**

- (Exam Topic 10)

Refer to the information below to answer the question.

A large, multinational organization has decided to outsource a portion of their Information Technology (IT) organization to a third-party provider's facility. This provider will be responsible for the design, development, testing, and support of several critical, customer-based applications used by the organization.

What additional considerations are there if the third party is located in a different country?

- A. The organizational structure of the third party and how it may impact timelines within the organization
- B. The ability of the third party to respond to the organization in a timely manner and with accurate information
- C. The effects of transborder data flows and customer expectations regarding the storage or processing of their data
- D. The quantity of data that must be provided to the third party and how it is to be used

**Answer:** C

**NEW QUESTION 388**

- (Exam Topic 10)

Which of the following is the BEST countermeasure to brute force login attacks?

- A. Changing all canonical passwords
- B. Decreasing the number of concurrent user sessions
- C. Restricting initial password delivery only in person
- D. Introducing a delay after failed system access attempts

**Answer:** D

**NEW QUESTION 393**

- (Exam Topic 10)

Which of the following provides the MOST protection against data theft of sensitive information when a laptop is stolen?

- A. Set up a BIOS and operating system password
- B. Encrypt the virtual drive where confidential files can be stored
- C. Implement a mandatory policy in which sensitive data cannot be stored on laptops, but only on the corporate network
- D. Encrypt the entire disk and delete contents after a set number of failed access attempts

**Answer:** D

**NEW QUESTION 396**

- (Exam Topic 10)

Refer to the information below to answer the question.

During the investigation of a security incident, it is determined that an unauthorized individual accessed a system which hosts a database containing financial information.

Aside from the potential records which may have been viewed, which of the following should be the PRIMARY concern regarding the database information?

- A. Unauthorized database changes
- B. Integrity of security logs
- C. Availability of the database
- D. Confidentiality of the incident

**Answer:** A

**NEW QUESTION 399**

- (Exam Topic 11)

What is the process called when impact values are assigned to the security objectives for information types?

- A. Qualitative analysis
- B. Quantitative analysis
- C. Remediation
- D. System security categorization

**Answer:** D

**NEW QUESTION 401**

- (Exam Topic 11)

Which of the following BEST describes the purpose of performing security certification?

- A. To identify system threats, vulnerabilities, and acceptable level of risk
- B. To formalize the confirmation of compliance to security policies and standards
- C. To formalize the confirmation of completed risk mitigation and risk analysis
- D. To verify that system architecture and interconnections with other systems are effectively implemented

**Answer: B**

**NEW QUESTION 404**

- (Exam Topic 11)

The application of which of the following standards would BEST reduce the potential for data breaches?

- A. ISO 9000
- B. ISO 20121
- C. ISO 26000
- D. ISO 27001

**Answer: D**

**NEW QUESTION 408**

- (Exam Topic 11)

Which of the following is generally indicative of a replay attack when dealing with biometric authentication?

- A. False Acceptance Rate (FAR) is greater than 1 in 100,000
- B. False Rejection Rate (FRR) is greater than 5 in 100
- C. Inadequately specified templates
- D. Exact match

**Answer: D**

**NEW QUESTION 409**

- (Exam Topic 11)

A security professional has been asked to evaluate the options for the location of a new data center within a multifloor building. Concerns for the data center include emanations and physical access controls.

Which of the following is the BEST location?

- A. On the top floor
- B. In the basement
- C. In the core of the building
- D. In an exterior room with windows

**Answer: C**

**NEW QUESTION 413**

- (Exam Topic 11)

Which of the following is a function of Security Assertion Markup Language (SAML)?

- A. File allocation
- B. Redundancy check
- C. Extended validation
- D. Policy enforcement

**Answer: D**

**NEW QUESTION 414**

- (Exam Topic 11)

Which of the following BEST describes a Protection Profile (PP)?

- A. A document that expresses an implementation independent set of security requirements for an IT product that meets specific consumer needs.
- B. A document that is used to develop an IT security product from its security requirements definition.
- C. A document that expresses an implementation dependent set of security requirements which contains only the security functional requirements.
- D. A document that represents evaluated products where there is a one-to-one correspondence between a PP and a Security Target (ST).

**Answer: A**

**NEW QUESTION 418**

- (Exam Topic 11)

Data remanence refers to which of the following?

- A. The remaining photons left in a fiber optic cable after a secure transmission.
- B. The retention period required by law or regulation.
- C. The magnetic flux created when removing the network connection from a server or personal computer.
- D. The residual information left on magnetic storage media after a deletion or erasure.

**Answer:** D

**NEW QUESTION 422**

- (Exam Topic 11)

Which of the following is the BEST approach to take in order to effectively incorporate the concepts of business continuity into the organization?

- A. Ensure end users are aware of the planning activities
- B. Validate all regulatory requirements are known and fully documented
- C. Develop training and awareness programs that involve all stakeholders
- D. Ensure plans do not violate the organization's cultural objectives and goals

**Answer:** C

**NEW QUESTION 427**

- (Exam Topic 11)

Which of the following is the MOST important element of change management documentation?

- A. List of components involved
- B. Number of changes being made
- C. Business case justification
- D. A stakeholder communication

**Answer:** C

**NEW QUESTION 432**

- (Exam Topic 11)

What should happen when an emergency change to a system must be performed?

- A. The change must be given priority at the next meeting of the change control board.
- B. Testing and approvals must be performed quickly.
- C. The change must be performed immediately and then submitted to the change board.
- D. The change is performed and a notation is made in the system log.

**Answer:** B

**NEW QUESTION 436**

- (Exam Topic 11)

If compromised, which of the following would lead to the exploitation of multiple virtual machines?

- A. Virtual device drivers
- B. Virtual machine monitor
- C. Virtual machine instance
- D. Virtual machine file system

**Answer:** B

**NEW QUESTION 441**

- (Exam Topic 11)

After a thorough analysis, it was discovered that a perpetrator compromised a network by gaining access to the network through a Secure Socket Layer (SSL) Virtual Private Network (VPN) gateway. The perpetrator guessed a username and brute forced the password to gain access. Which of the following BEST mitigates this issue?

- A. Implement strong passwords authentication for VPN
- B. Integrate the VPN with centralized credential stores
- C. Implement an Internet Protocol Security (IPSec) client
- D. Use two-factor authentication mechanisms

**Answer:** D

**NEW QUESTION 444**

- (Exam Topic 11)

Which of the following has the GREATEST impact on an organization's security posture?

- A. International and country-specific compliance requirements
- B. Security violations by employees and contractors
- C. Resource constraints due to increasing costs of supporting security
- D. Audit findings related to employee access and permissions process

**Answer:** A

**NEW QUESTION 447**

- (Exam Topic 11)

A mobile device application that restricts the storage of user information to just that which is needed to accomplish lawful business goals adheres to what privacy principle?



- A. Onward transfer
- B. Collection Limitation
- C. Collector Accountability
- D. Individual Participation

**Answer:** B

**NEW QUESTION 449**

- (Exam Topic 11)

How does an organization verify that an information system's current hardware and software match the standard system configuration?

- A. By reviewing the configuration after the system goes into production
- B. By running vulnerability scanning tools on all devices in the environment
- C. By comparing the actual configuration of the system against the baseline
- D. By verifying all the approved security patches are implemented

**Answer:** C

**NEW QUESTION 454**

- (Exam Topic 11)

Which of the following PRIMARILY contributes to security incidents in web-based applications?

- A. Systems administration and operating systems
- B. System incompatibility and patch management
- C. Third-party applications and change controls
- D. Improper stress testing and application interfaces

**Answer:** C

**NEW QUESTION 455**

- (Exam Topic 11)

Regarding asset security and appropriate retention, which of the following INITIAL top three areas are important to focus on?

- A. Security control baselines, access controls, employee awareness and training
- B. Human resources, asset management, production management
- C. Supply chain lead time, inventory control, encryption
- D. Polygraphs, crime statistics, forensics

**Answer:** A

**NEW QUESTION 459**

- (Exam Topic 11)

Which of the following types of security testing is the MOST effective in providing a better indication of the everyday security challenges of an organization when performing a security risk assessment?

- A. External
- B. Overt
- C. Internal
- D. Covert

**Answer:** D

**NEW QUESTION 461**

- (Exam Topic 11)

Which of the following entities is ultimately accountable for data remanence vulnerabilities with data replicated by a cloud service provider?

- A. Data owner
- B. Data steward
- C. Data custodian
- D. Data processor

**Answer:** A

**NEW QUESTION 466**

- (Exam Topic 11)

Single Sign-On (SSO) is PRIMARILY designed to address which of the following?

- A. Confidentiality and Integrity
- B. Availability and Accountability
- C. Integrity and Availability
- D. Accountability and Assurance

**Answer:** D

**NEW QUESTION 471**



- (Exam Topic 11)

Discretionary Access Control (DAC) restricts access according to

- A. data classification labeling.
- B. page views within an application.
- C. authorizations granted to the user.
- D. management accreditation.

**Answer: C**

**NEW QUESTION 473**

- (Exam Topic 11)

Which of the following roles has the obligation to ensure that a third party provider is capable of processing and handling data in a secure manner and meeting the standards set by the organization?

- A. Data Custodian
- B. Data Owner
- C. Data Creator
- D. Data User

**Answer: B**

**NEW QUESTION 475**

- (Exam Topic 11)

An organization lacks a data retention policy. Of the following, who is the BEST person to consult for such requirement?

- A. Application Manager
- B. Database Administrator
- C. Privacy Officer
- D. Finance Manager

**Answer: C**

**NEW QUESTION 479**

- (Exam Topic 11)

An organization has hired a security services firm to conduct a penetration test. Which of the following will the organization provide to the tester?

- A. Limits and scope of the testing.
- B. Physical location of server room and wiring closet.
- C. Logical location of filters and concentrators.
- D. Employee directory and organizational chart.

**Answer: A**

**NEW QUESTION 483**

- (Exam Topic 11)

During a fingerprint verification process, which of the following is used to verify identity and authentication?

- A. A pressure value is compared with a stored template
- B. Sets of digits are matched with stored values
- C. A hash table is matched to a database of stored value
- D. A template of minutiae is compared with a stored template

**Answer: D**

**NEW QUESTION 484**

- (Exam Topic 11)

How does Encapsulating Security Payload (ESP) in transport mode affect the Internet Protocol (IP)?

- A. Encrypts and optionally authenticates the IP header, but not the IP payload
- B. Encrypts and optionally authenticates the IP payload, but not the IP header
- C. Authenticates the IP payload and selected portions of the IP header
- D. Encrypts and optionally authenticates the complete IP packet

**Answer: B**

**NEW QUESTION 485**

- (Exam Topic 11)

When planning a penetration test, the tester will be MOST interested in which information?

- A. Places to install back doors
- B. The main network access points
- C. Job application handouts and tours
- D. Exploits that can attack weaknesses

**Answer: B**

**NEW QUESTION 486**

- (Exam Topic 11)

Which of the following command line tools can be used in the reconnaissance phase of a network vulnerability assessment?

- A. dig
- B. ifconfig
- C. ipconfig
- D. nbtstat

**Answer:** A

**NEW QUESTION 489**

- (Exam Topic 11)

Which of the following BEST describes a rogue Access Point (AP)?

- A. An AP that is not protected by a firewall
- B. An AP not configured to use Wired Equivalent Privacy (WEP) with Triple Data Encryption Algorithm (3DES)
- C. An AP connected to the wired infrastructure but not under the management of authorized network administrators
- D. An AP infected by any kind of Trojan or Malware

**Answer:** C

**NEW QUESTION 491**

- (Exam Topic 11)

Retaining system logs for six months or longer can be valuable for what activities?

- A. Disaster recovery and business continuity
- B. Forensics and incident response
- C. Identity and authorization management
- D. Physical and logical access control

**Answer:** B

**NEW QUESTION 495**

- (Exam Topic 11)

To protect auditable information, which of the following MUST be configured to only allow read access?

- A. Logging configurations
- B. Transaction log files
- C. User account configurations
- D. Access control lists (ACL)

**Answer:** B

**NEW QUESTION 500**

- (Exam Topic 11)

Which of the following is the BEST example of weak management commitment to the protection of security assets and resources?

- A. poor governance over security processes and procedures
- B. immature security controls and procedures
- C. variances against regulatory requirements
- D. unanticipated increases in security incidents and threats

**Answer:** A

**NEW QUESTION 503**

- (Exam Topic 11)

Which of the following explains why record destruction requirements are included in a data retention policy?

- A. To comply with legal and business requirements
- B. To save cost for storage and backup
- C. To meet destruction guidelines
- D. To validate data ownership

**Answer:** A

**NEW QUESTION 505**

- (Exam Topic 11)

The BEST example of the concept of "something that a user has" when providing an authorized user access to a computing system is

- A. the user's hand geometry.
- B. a credential stored in a token.
- C. a passphrase.
- D. the user's face.

**Answer:** B

**NEW QUESTION 508**

- (Exam Topic 11)

Which of the following is the PRIMARY concern when using an Internet browser to access a cloud-based service?

- A. Insecure implementation of Application Programming Interfaces (API)
- B. Improper use and storage of management keys
- C. Misconfiguration of infrastructure allowing for unauthorized access
- D. Vulnerabilities within protocols that can expose confidential data

**Answer:** D

**NEW QUESTION 512**

- (Exam Topic 11)

Which of the following is an essential step before performing Structured Query Language (SQL) penetration tests on a production system?

- A. Verify countermeasures have been deactivated.
- B. Ensure firewall logging has been activated.
- C. Validate target systems have been backed up.
- D. Confirm warm site is ready to accept connections.

**Answer:** C

**NEW QUESTION 517**

- (Exam Topic 11)

An organization has developed a major application that has undergone accreditation testing. After receiving the results of the evaluation, what is the final step before the application can be accredited?

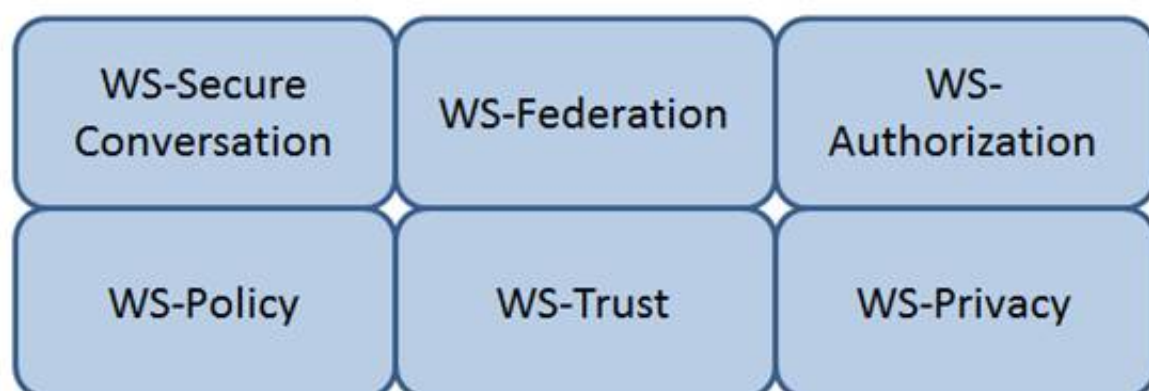
- A. Acceptance of risk by the authorizing official
- B. Remediation of vulnerabilities
- C. Adoption of standardized policies and procedures
- D. Approval of the System Security Plan (SSP)

**Answer:** A

**NEW QUESTION 521**

- (Exam Topic 11)

Which Web Services Security (WS-Security) specification maintains a single authenticated identity across multiple dissimilar environments? Click on the correct specification in the image below.



- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

WS-Federation

Reference: Java Web Services: Up and Running" By Martin Kalin page 228

**NEW QUESTION 523**

- (Exam Topic 11)

Match the objectives to the assessment questions in the governance domain of Software Assurance Maturity Model (SAMM).

Secure Architecture

Do you advertise shared security services with guidance for project teams?

Education & Guidance

Are most people tested to ensure a baseline skill- set for secure development practices?

Strategy & Metrics

Does most of the organization know about what's required based on risk ratings?

Vulnerability Management

Are most project teams aware of their security point(s) of contact and response team(s)?

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Secure Architecture

Secure Architecture

Do you advertise shared security services with guidance for project teams?

Education & Guidance

Education & Guidance

Are most people tested to ensure a baseline skill- set for secure development practices?

Strategy & Metrics

Strategy & Metrics

Does most of the organization know about what's required based on risk ratings?

Vulnerability Management

Vulnerability Management

Are most project teams aware of their security point(s) of contact and response team(s)?

#### NEW QUESTION 528

- (Exam Topic 11)

For privacy protected data, which of the following roles has the highest authority for establishing dissemination rules for the data?

- A. Information Systems Security Officer
- B. Data Owner
- C. System Security Architect
- D. Security Requirements Analyst

**Answer:** B

#### NEW QUESTION 529

- (Exam Topic 11)

Which methodology is recommended for penetration testing to be effective in the development phase of the life-cycle process?

- A. White-box testing
- B. Software fuzz testing
- C. Black-box testing
- D. Visual testing

**Answer:** A

#### NEW QUESTION 533

- (Exam Topic 11)

The PRIMARY characteristic of a Distributed Denial of Service (DDoS) attack is that it

- A. exploits weak authentication to penetrate networks.
- B. can be detected with signature analysis.
- C. looks like normal network activity.
- D. is commonly confused with viruses or worms.

**Answer:** C

#### NEW QUESTION 537

- (Exam Topic 11)

The implementation of which features of an identity management system reduces costs and administration overhead while improving audit and accountability?

- A. Two-factor authentication
- B. Single Sign-On (SSO)
- C. User self-service



D. A metadirectory

**Answer:** C

**NEW QUESTION 540**

- (Exam Topic 11)

Application of which of the following Institute of Electrical and Electronics Engineers (IEEE) standards will prevent an unauthorized wireless device from being attached to a network?

- A. IEEE 802.1F
- B. IEEE 802.1H
- C. IEEE 802.1Q
- D. IEEE 802.1X

**Answer:** D

**NEW QUESTION 542**

- (Exam Topic 11)

Drag the following Security Engineering terms on the left to the BEST definition on the right.

Security Engineering

Definition

Security Risk Treatment

The method used to identify the confidentiality, integrity, and availability requirements for organizational and system assets and to characterize the adverse impact or consequences should the asset be lost, modified, degraded, disrupted, compromised, or become unavailable.

Threat Assessment

A measure of the extent to which an entity is threatened by a potential circumstance or event, the adverse impacts that would arise if the circumstance or event occurs, and the likelihood of occurrence.

Protection Needs

The method used to identify and characterize the dangers anticipated throughout the life cycle of the system.

Risk

The method used to identify feasible security risk mitigation options and plans.

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

## Security Engineering

## Definition

Security Risk Treatment

Protection Needs

The method used to identify the confidentiality, integrity, and availability requirements for organizational and system assets and to characterize the adverse impact or consequences should the asset be lost, modified, degraded, disrupted, compromised, or become unavailable.

Threat Assessment

Risk

A measure of the extent to which an entity is threatened by a potential circumstance or event, the adverse impacts that would arise if the circumstance or event occurs, and the likelihood of occurrence.

Protection Needs

Threat Assessment

The method used to identify and characterize the dangers anticipated throughout the life cycle of the system.

Risk

Security Risk Treatment

The method used to identify feasible security risk mitigation options and plans.

### NEW QUESTION 545

- (Exam Topic 11)

Which of the following statements is TRUE regarding value boundary analysis as a functional software testing technique?

- A. It is useful for testing communications protocols and graphical user interfaces.
- B. It is characterized by the stateless behavior of a process implemented in a function.
- C. Test inputs are obtained from the derived threshold of the given functional specifications.
- D. An entire partition can be covered by considering only one representative value from that partition.

**Answer: C**

### NEW QUESTION 550

- (Exam Topic 11)

Software Code signing is used as a method of verifying what security concept?

- A. Integrity
- B. Confidentiality
- C. Availability
- D. Access Control

**Answer: A**

### NEW QUESTION 552



- (Exam Topic 11)

Data leakage of sensitive information is MOST often concealed by which of the following?

- A. Secure Sockets Layer (SSL)
- B. Secure Hash Algorithm (SHA)
- C. Wired Equivalent Privacy (WEP)
- D. Secure Post Office Protocol (POP)

**Answer:** A

**NEW QUESTION 557**

- (Exam Topic 11)

What is one way to mitigate the risk of security flaws in custom software?

- A. Include security language in the Earned Value Management (EVM) contract
- B. Include security assurance clauses in the Service Level Agreement (SLA)
- C. Purchase only Commercial Off-The-Shelf (COTS) products
- D. Purchase only software with no open source Application Programming Interfaces (APIs)

**Answer:** B

**NEW QUESTION 558**

- (Exam Topic 11)

What does an organization FIRST review to assure compliance with privacy requirements?

- A. Best practices
- B. Business objectives
- C. Legal and regulatory mandates
- D. Employee's compliance to policies and standards

**Answer:** C

**NEW QUESTION 560**

- (Exam Topic 11)

An organization has decided to contract with a cloud-based service provider to leverage their identity as a service offering. They will use Open Authentication (OAuth) 2.0 to authenticate external users to the organization's services.

As part of the authentication process, which of the following must the end user provide?

- A. An access token
- B. A username and password
- C. A username
- D. A password

**Answer:** A

**NEW QUESTION 563**

- (Exam Topic 11)

The PRIMARY outcome of a certification process is that it provides documented

- A. system weaknesses for remediation.
- B. standards for security assessment, testing, and process evaluation.
- C. interconnected systems and their implemented security controls.
- D. security analyses needed to make a risk-based decision.

**Answer:** D

**NEW QUESTION 568**

- (Exam Topic 11)

What security risk does the role-based access approach mitigate MOST effectively?

- A. Excessive access rights to systems and data
- B. Segregation of duties conflicts within business applications
- C. Lack of system administrator activity monitoring
- D. Inappropriate access requests

**Answer:** A

**NEW QUESTION 573**

- (Exam Topic 11)

Which of the following methods can be used to achieve confidentiality and integrity for data in transit?

- A. Multiprotocol Label Switching (MPLS)
- B. Internet Protocol Security (IPSec)
- C. Federated identity management
- D. Multi-factor authentication

**Answer:** B

**NEW QUESTION 577**

- (Exam Topic 11)

What is the PRIMARY goal for using Domain Name System Security Extensions (DNSSEC) to sign records?

- A. Integrity
- B. Confidentiality
- C. Accountability
- D. Availability

**Answer:** A

**NEW QUESTION 579**

- (Exam Topic 11)

Discretionary Access Control (DAC) is based on which of the following?

- A. Information source and destination
- B. Identification of subjects and objects
- C. Security labels and privileges
- D. Standards and guidelines

**Answer:** B

**NEW QUESTION 580**

- (Exam Topic 11)

A network scan found 50% of the systems with one or more critical vulnerabilities. Which of the following represents the BEST action?

- A. Assess vulnerability risk and program effectiveness.
- B. Assess vulnerability risk and business impact.
- C. Disconnect all systems with critical vulnerabilities.
- D. Disconnect systems with the most number of vulnerabilities.

**Answer:** B

**NEW QUESTION 582**

- (Exam Topic 11)

Which of the following questions can be answered using user and group entitlement reporting?

- A. When a particular file was last accessed by a user
- B. Change control activities for a particular group of users
- C. The number of failed login attempts for a particular user
- D. Where does a particular user have access within the network

**Answer:** D

**NEW QUESTION 587**

- (Exam Topic 11)

What is the GREATEST challenge of an agent-based patch management solution?

- A. Time to gather vulnerability information about the computers in the program
- B. Requires that software be installed, running, and managed on all participating computers
- C. The significant amount of network bandwidth while scanning computers
- D. The consistency of distributing patches to each participating computer

**Answer:** B

**NEW QUESTION 592**

- (Exam Topic 11)

Which of the following is a recommended alternative to an integrated email encryption system?

- A. Sign emails containing sensitive data
- B. Send sensitive data in separate emails
- C. Encrypt sensitive data separately in attachments
- D. Store sensitive information to be sent in encrypted drives

**Answer:** C

**NEW QUESTION 596**

- (Exam Topic 11)

The 802.1x standard provides a framework for what?

- A. Network authentication for only wireless networks
- B. Network authentication for wired and wireless networks
- C. Wireless encryption using the Advanced Encryption Standard (AES)
- D. Wireless network encryption using Secure Sockets Layer (SSL)

**Answer:**

B

**NEW QUESTION 600**

- (Exam Topic 11)

Which of the following is the PRIMARY issue when collecting detailed log information?

- A. Logs may be unavailable when required
- B. Timely review of the data is potentially difficult
- C. Most systems and applications do not support logging
- D. Logs do not provide sufficient details of system and individual activities

**Answer: B**

**NEW QUESTION 604**

- (Exam Topic 11)

Which of the following is the PRIMARY benefit of implementing data-in-use controls?

- A. If the data is lost, it must be decrypted to be opened.
- B. If the data is lost, it will not be accessible to unauthorized users.
- C. When the data is being viewed, it can only be printed by authorized users.
- D. When the data is being viewed, it must be accessed using secure protocols.

**Answer: C**

**NEW QUESTION 609**

- (Exam Topic 11)

During the risk assessment phase of the project the CISO discovered that a college within the University is collecting Protected Health Information (PHI) data via an application that was developed in-house. The college collecting this data is fully aware of the regulations for Health Insurance Portability and Accountability Act (HIPAA) and is fully compliant.

What is the best approach for the CISO?

During the risk assessment phase of the project the CISO discovered that a college within the University is collecting Protected Health Information (PHI) data via an application that was developed in-house. The college collecting this data is fully aware of the regulations for Health Insurance Portability and Accountability Act (HIPAA) and is fully compliant.

What is the best approach for the CISO?

- A. Document the system as high risk
- B. Perform a vulnerability assessment
- C. Perform a quantitative threat assessment
- D. Notate the information and move on

**Answer: B**

**NEW QUESTION 612**

- (Exam Topic 11)

In order for a security policy to be effective within an organization, it MUST include

- A. strong statements that clearly define the problem.
- B. a list of all standards that apply to the policy.
- C. owner information and date of last revision.
- D. disciplinary measures for non compliance.

**Answer: D**

**NEW QUESTION 616**

- (Exam Topic 11)

The BEST method to mitigate the risk of a dictionary attack on a system is to

- A. use a hardware token.
- B. use complex passphrases.
- C. implement password history.
- D. encrypt the access control list (ACL).

**Answer: A**

**NEW QUESTION 619**

- (Exam Topic 11)

In which order, from MOST to LEAST impacted, does user awareness training reduce the occurrence of the events below?

Event

Order

Disloyal employees

1

User-instigated

2

Targeted infiltration

3

Virus infiltrations

4

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Event

Order

Disloyal employees

Disloyal employees

1

User-instigated

User-instigated

2

Targeted infiltration

Targeted infiltration

3

Virus infiltrations

Virus infiltrations

4

**NEW QUESTION 624**

- (Exam Topic 12)

A proxy firewall operates at what layer of the Open System Interconnection (OSI) model?

- A. Transport
- B. Data link
- C. Network
- D. Application

**Answer:** D

**NEW QUESTION 629**

- (Exam Topic 12)

As a best practice, the Security Assessment Report (SAR) should include which of the following sections?

- A. Data classification policy
- B. Software and hardware inventory
- C. Remediation recommendations
- D. Names of participants

**Answer:** B

**NEW QUESTION 632**

- (Exam Topic 12)

What is the difference between media marking and media labeling?

- A. Media marking refers to the use of human-readable security attributes, while media labeling refers to the use of security attributes in internal data structures.
- B. Media labeling refers to the use of human-readable security attributes, while media marking refers to the use of security attributes in internal data structures.
- C. Media labeling refers to security attributes required by public policy/law, while media marking refers to security required by internal organizational policy.
- D. Media marking refers to security attributes required by public policy/law, while media labeling refers to security attributes required by internal organizational policy.

**Answer:** D

**NEW QUESTION 637**

- (Exam Topic 12)

Which of the following is a remote access protocol that uses a static authentication?

- A. Point-to-Point Tunneling Protocol (PPTP)
- B. Routing Information Protocol (RIP)
- C. Password Authentication Protocol (PAP)
- D. Challenge Handshake Authentication Protocol (CHAP)

**Answer:** C

**NEW QUESTION 641**

- (Exam Topic 12)

The restoration priorities of a Disaster Recovery Plan (DRP) are based on which of the following documents?

- A. Service Level Agreement (SLA)
- B. Business Continuity Plan (BCP)
- C. Business Impact Analysis (BIA)
- D. Crisis management plan

**Answer:** B

**NEW QUESTION 646**

- (Exam Topic 12)

Which of the following is the BEST method to reduce the effectiveness of phishing attacks?

- A. User awareness
- B. Two-factor authentication
- C. Anti-phishing software
- D. Periodic vulnerability scan

**Answer:** A

**NEW QUESTION 650**

- (Exam Topic 12)

Which of the following adds end-to-end security inside a Layer 2 Tunneling Protocol (L2TP) Internet Protocol Security (IPSec) connection?

- A. Temporal Key Integrity Protocol (TKIP)
- B. Secure Hash Algorithm (SHA)
- C. Secure Shell (SSH)
- D. Transport Layer Security (TLS)

**Answer:** B

**NEW QUESTION 651**

- (Exam Topic 12)

How should an organization determine the priority of its remediation efforts after a vulnerability assessment has been conducted?

- A. Use an impact-based approach.
- B. Use a risk-based approach.
- C. Use a criticality-based approach.
- D. Use a threat-based approach.

**Answer:** B

**NEW QUESTION 655**

- (Exam Topic 12)

Which of the following is a strategy of grouping requirements in developing a Security Test and Evaluation (ST&E)?

- A. Tactical, strategic, and financial
- B. Management, operational, and technical
- C. Documentation, observation, and manual
- D. Standards, policies, and procedures

**Answer:** B

**NEW QUESTION 657**

- (Exam Topic 12)

Which of the following is the MAIN reason for using configuration management?

- A. To provide centralized administration
- B. To reduce the number of changes
- C. To reduce errors during upgrades
- D. To provide consistency in security controls

**Answer:** D

**NEW QUESTION 659**

- (Exam Topic 12)

The PRIMARY outcome of a certification process is that it provides documented

- A. interconnected systems and their implemented security controls.
- B. standards for security assessment, testing, and process evaluation.
- C. system weakness for remediation.
- D. security analyses needed to make a risk-based decision.

**Answer:** D



**NEW QUESTION 662**

- (Exam Topic 12)

Match the types of e-authentication tokens to their description.

Drag each e-authentication token on the left to its corresponding description on the right.

<u>E-Authentication Token</u>		<u>Description</u>
Memorized Secret Token		A physical or electronic token that stores a set of secrets between the claimant and the credential service provider
Out-of-Band Token		A physical token that is uniquely addressable and can receive a verifier-selected secret for one-time use
Look-up Secret Token		A series of responses to a set of prompts or challenges established by the subscriber and credential service provider during the registration process
Pre-registered Knowledge Token		A secret shared between the subscriber and credential service provider that is typically character strings

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

Look-up secret token - A physical or electronic token that stores a set of secrets between the claimant and the credential service provider

Out-of-Band Token - A physical token that is uniquely addressable and can receive a verifier-selected secret for one-time use

Pre-registered Knowledge Token - A series of responses to a set of prompts or challenges established by the subscriber and credential service provider during the registration process

Memorized Secret Token - A secret shared between the subscriber and credential service provider that is typically character strings

**NEW QUESTION 664**

- (Exam Topic 12)

Which of the following restricts the ability of an individual to carry out all the steps of a particular process?

- A. Job rotation
- B. Separation of duties
- C. Least privilege
- D. Mandatory vacations

**Answer:** B

**NEW QUESTION 665**

- (Exam Topic 12)

Which of the following is MOST important when deploying digital certificates?

- A. Validate compliance with X.509 digital certificate standards
- B. Establish a certificate life cycle management framework
- C. Use a third-party Certificate Authority (CA)
- D. Use no less than 256-bit strength encryption when creating a certificate

**Answer:** B

**NEW QUESTION 669**

- (Exam Topic 12)

During which of the following processes is least privilege implemented for a user account?

- A. Provision
- B. Approve
- C. Request
- D. Review

**Answer:** A

**NEW QUESTION 674**

- (Exam Topic 12)



Which of the following is an advantage of on-premise Credential Management Systems?

- A. Lower infrastructure capital costs
- B. Control over system configuration
- C. Reduced administrative overhead
- D. Improved credential interoperability

**Answer:** B

**NEW QUESTION 678**

- (Exam Topic 12)

What operations role is responsible for protecting the enterprise from corrupt or contaminated media?

- A. Information security practitioner
- B. Information librarian
- C. Computer operator
- D. Network administrator

**Answer:** B

**NEW QUESTION 679**

- (Exam Topic 12)

Which of the following BEST describes Recovery Time Objective (RTO)?

- A. Time of application resumption after disaster
- B. Time of application verification after disaster.
- C. Time of data validation after disaster.
- D. Time of data restoration from backup after disaster.

**Answer:** A

**NEW QUESTION 683**

- (Exam Topic 12)

In general, servers that are facing the Internet should be placed in a demilitarized zone (DMZ). What is MAIN purpose of the DMZ?

- A. Reduced risk to internal systems.
- B. Prepare the server for potential attacks.
- C. Mitigate the risk associated with the exposed server.
- D. Bypass the need for a firewall.

**Answer:** A

**NEW QUESTION 687**

- (Exam Topic 12)

A company was ranked as high in the following National Institute of Standards and Technology (NIST) functions: Protect, Detect, Respond and Recover. However, a low maturity grade was attributed to the Identify function. In which of the following the controls categories does this company need to improve when analyzing its processes individually?

- A. Asset Management, Business Environment, Governance and Risk Assessment
- B. Access Control, Awareness and Training, Data Security and Maintenance
- C. Anomalies and Events, Security Continuous Monitoring and Detection Processes
- D. Recovery Planning, Improvements and Communications

**Answer:** A

**NEW QUESTION 688**

- (Exam Topic 12)

What is the BEST way to encrypt web application communications?

- A. Secure Hash Algorithm 1 (SHA-1)
- B. Secure Sockets Layer (SSL)
- C. Cipher Block Chaining Message Authentication Code (CBC-MAC)
- D. Transport Layer Security (TLS)

**Answer:** D

**NEW QUESTION 690**

- (Exam Topic 12)

How does a Host Based Intrusion Detection System (HIDS) identify a potential attack?

- A. Examines log messages or other indications on the system.
- B. Monitors alarms sent to the system administrator
- C. Matches traffic patterns to virus signature files
- D. Examines the Access Control List (ACL)

**Answer:** C

**NEW QUESTION 695**

- (Exam Topic 12)

Which of the following BEST represents the concept of least privilege?

- A. Access to an object is denied unless access is specifically allowed.
- B. Access to an object is only available to the owner.
- C. Access to an object is allowed unless it is protected by the information security policy.
- D. Access to an object is only allowed to authenticated users via an Access Control List (ACL).

**Answer:** A

**NEW QUESTION 697**

- (Exam Topic 12)

What is an advantage of Elliptic Curve Cryptography (ECC)?

- A. Cryptographic approach that does not require a fixed-length key
- B. Military-strength security that does not depend upon secrecy of the algorithm
- C. Opportunity to use shorter keys for the same level of security
- D. Ability to use much longer keys for greater security

**Answer:** C

**NEW QUESTION 700**

- (Exam Topic 12)

An organization's information security strategic plan MUST be reviewed

- A. whenever there are significant changes to a major application.
- B. quarterly, when the organization's strategic plan is updated.
- C. whenever there are major changes to the business.
- D. every three years, when the organization's strategic plan is updated.

**Answer:** C

**NEW QUESTION 702**

- (Exam Topic 12)

Which of the following is the MOST important consideration when developing a Disaster Recovery Plan (DRP)?

- A. The dynamic reconfiguration of systems
- B. The cost of downtime
- C. A recovery strategy for all business processes
- D. A containment strategy

**Answer:** C

**NEW QUESTION 703**

- (Exam Topic 12)

In order to assure authenticity, which of the following are required?

- A. Confidentiality and authentication
- B. Confidentiality and integrity
- C. Authentication and non-repudiation
- D. Integrity and non-repudiation

**Answer:** D

**NEW QUESTION 707**

- (Exam Topic 12)

In configuration management, what baseline configuration information MUST be maintained for each computer system?

- A. Operating system and version, patch level, applications running, and versions.
- B. List of system changes, test reports, and change approvals
- C. Last vulnerability assessment report and initial risk assessment report
- D. Date of last update, test report, and accreditation certificate

**Answer:** A

**NEW QUESTION 710**

- (Exam Topic 12)

When using Generic Routing Encapsulation (GRE) tunneling over Internet Protocol version 4 (IPv4), where is the GRE header inserted?

- A. Into the options field
- B. Between the delivery header and payload
- C. Between the source and destination addresses
- D. Into the destination address

**Answer:** B

**NEW QUESTION 714**

- (Exam Topic 12)

Which of the following are effective countermeasures against passive network-layer attacks?

- A. Federated security and authenticated access controls
- B. Trusted software development and run time integrity controls
- C. Encryption and security enabled applications
- D. Enclave boundary protection and computing environment defense

**Answer:** C

**NEW QUESTION 719**

- (Exam Topic 12)

For network based evidence, which of the following contains traffic details of all network sessions in order to detect anomalies?

- A. Alert data
- B. User data
- C. Content data
- D. Statistical data

**Answer:** D

**NEW QUESTION 723**

- (Exam Topic 12)

Which of the following is the PRIMARY reason to perform regular vulnerability scanning of an organization network?

- A. Provide vulnerability reports to management.
- B. Validate vulnerability remediation activities.
- C. Prevent attackers from discovering vulnerabilities.
- D. Remediate known vulnerabilities.

**Answer:** B

**NEW QUESTION 726**

- (Exam Topic 13)

Which one of the following data integrity models assumes a lattice of integrity levels?

- A. Take-Grant
- B. Biba
- C. Harrison-Ruzzo
- D. Bell-LaPadula

**Answer:** B

**NEW QUESTION 729**

- (Exam Topic 13)

Which of the following is the BEST reason for writing an information security policy?

- A. To support information security governance
- B. To reduce the number of audit findings
- C. To deter attackers
- D. To implement effective information security controls

**Answer:** A

**NEW QUESTION 731**

- (Exam Topic 13)

Which of the following is the MOST effective method to mitigate Cross-Site Scripting (XSS) attacks?

- A. Use Software as a Service (SaaS)
- B. Whitelist input validation
- C. Require client certificates
- D. Validate data output

**Answer:** B

**NEW QUESTION 733**

- (Exam Topic 13)

Which of the following is the MOST effective practice in managing user accounts when an employee is terminated?

- A. Implement processes for automated removal of access for terminated employees.
- B. Delete employee network and system IDs upon termination.
- C. Manually remove terminated employee user-access to all systems and applications.
- D. Disable terminated employee network ID to remove all access.

**Answer:**

B

**NEW QUESTION 735**

- (Exam Topic 13)

A control to protect from a Denial-of-Service (DoS) attack has been determined to stop 50% of attacks, and additionally reduces the impact of an attack by 50%. What is the residual risk?

- A. 25%
- B. 50%
- C. 75%
- D. 100%

**Answer:** A

**NEW QUESTION 739**

- (Exam Topic 13)

Which of the following is the MOST important security goal when performing application interface testing?

- A. Confirm that all platforms are supported and function properly
- B. Evaluate whether systems or components pass data and control correctly to one another
- C. Verify compatibility of software, hardware, and network connections
- D. Examine error conditions related to external interfaces to prevent application details leakage

**Answer:** B

**NEW QUESTION 743**

- (Exam Topic 13)

Why is planning in Disaster Recovery (DR) an interactive process?

- A. It details off-site storage plans
- B. It identifies omissions in the plan
- C. It defines the objectives of the plan
- D. It forms part of the awareness process

**Answer:** B

**NEW QUESTION 747**

- (Exam Topic 13)

Due to system constraints, a group of system administrators must share a high-level access set of credentials. Which of the following would be MOST appropriate to implement?

- A. Increased console lockout times for failed logon attempts
- B. Reduce the group in size
- C. A credential check-out process for a per-use basis
- D. Full logging on affected systems

**Answer:** C

**Explanation:**

Section: Security Operations

**NEW QUESTION 751**

- (Exam Topic 13)

Which of the following MUST be in place to recognize a system attack?

- A. Stateful firewall
- B. Distributed antivirus
- C. Log analysis
- D. Passive honeypot

**Answer:** A

**NEW QUESTION 754**

- (Exam Topic 13)

Who is responsible for the protection of information when it is shared with or provided to other organizations?

- A. Systems owner
- B. Authorizing Official (AO)
- C. Information owner
- D. Security officer

**Answer:** C

**Explanation:**

Section: Security Operations

**NEW QUESTION 758**

- (Exam Topic 13)

What protocol is often used between gateway hosts on the Internet?

- A. Exterior Gateway Protocol (EGP)
- B. Border Gateway Protocol (BGP)
- C. Open Shortest Path First (OSPF)
- D. Internet Control Message Protocol (ICMP)

**Answer:** B

**NEW QUESTION 762**

- (Exam Topic 13)

In an organization where Network Access Control (NAC) has been deployed, a device trying to connect to the network is being placed into an isolated domain. What could be done on this device in order to obtain proper connectivity?

- A. Connect the device to another network jack
- B. Apply remediation's according to security requirements
- C. Apply Operating System (OS) patches
- D. Change the Message Authentication Code (MAC) address of the network interface

**Answer:** B

**NEW QUESTION 763**

- (Exam Topic 13)

As part of the security assessment plan, the security professional has been asked to use a negative testing strategy on a new website. Which of the following actions would be performed?

- A. Use a web scanner to scan for vulnerabilities within the website.
- B. Perform a code review to ensure that the database references are properly addressed.
- C. Establish a secure connection to the web server to validate that only the approved ports are open.
- D. Enter only numbers in the web form and verify that the website prompts the user to enter a valid input.

**Answer:** D

**NEW QUESTION 768**

- (Exam Topic 13)

What is the MAIN reason for testing a Disaster Recovery Plan (DRP)?

- A. To ensure Information Technology (IT) staff knows and performs roles assigned to each of them
- B. To validate backup sites' effectiveness
- C. To find out what does not work and fix it
- D. To create a high level DRP awareness among Information Technology (IT) staff

**Answer:** B

**NEW QUESTION 769**

- (Exam Topic 13)

A company seizes a mobile device suspected of being used in committing fraud. What would be the BEST method used by a forensic examiner to isolate the powered-on device from the network and preserve the evidence?

- A. Put the device in airplane mode
- B. Suspend the account with the telecommunication provider
- C. Remove the SIM card
- D. Turn the device off

**Answer:** A

**NEW QUESTION 774**

- (Exam Topic 13)

Which of the following is a direct monetary cost of a security incident?

- A. Morale
- B. Reputation
- C. Equipment
- D. Information

**Answer:** C

**NEW QUESTION 777**

- (Exam Topic 13)

Which of the following is the MOST common method of memory protection?

- A. Compartmentalization
- B. Segmentation
- C. Error correction
- D. Virtual Local Area Network (VLAN) tagging



Answer: B

#### NEW QUESTION 781

- (Exam Topic 13)

Which security access policy contains fixed security attributes that are used by the system to determine a user's access to a file or object?

- A. Mandatory Access Control (MAC)
- B. Access Control List (ACL)
- C. Discretionary Access Control (DAC)
- D. Authorized user control

Answer: A

#### NEW QUESTION 786

- (Exam Topic 13)

Drag the following Security Engineering terms on the left to the BEST definition on the right.

##### Security Engineering Term

##### Definition

Risk

A measure of the extent to which an entity is threatened by a potential circumstance or event, the adverse impacts that would arise if the circumstance or event occurs, and the likelihood of

Security Risk Treatment

The method used to identify the confidentiality, integrity, and availability requirements for organizational and system assets and to characterize the adverse impact or consequences should the asset be lost, modified, degraded, disrupted, compromised, or become unavailable.

Protection Needs Assessment

The method used to identify and characterize the dangers anticipated throughout the life cycle of the system.

Threat Assessment

The method used to identify feasible security risk mitigation options and plans.

- A. Mastered
- B. Not Mastered

Answer: A

#### Explanation:

Risk - A measure of the extent to which an entity is threatened by a potential circumstance of event, the adverse impacts that would arise if the circumstance or event occurs, and the likelihood of occurrence.

Protection Needs Assessment - The method used to identify the confidentiality, integrity, and availability requirements for organizational and system assets and to characterize the adverse impact or consequences should be asset be lost, modified, degraded, disrupted, compromised, or become unavailable.

Threat assessment - The method used to identify and characterize the dangers anticipated throughout the life cycle of the system.

Security Risk Treatment - The method used to identify feasible security risk mitigation options and plans.

#### NEW QUESTION 787

- (Exam Topic 13)

Which of the following could be considered the MOST significant security challenge when adopting DevOps practices compared to a more traditional control framework?

- A. Achieving Service Level Agreements (SLA) on how quickly patches will be released when a security flaw is found.
- B. Maintaining segregation of duties.
- C. Standardized configurations for logging, alerting, and security metrics.
- D. Availability of security teams at the end of design process to perform last-minute manual audits and reviews.

Answer: B

#### NEW QUESTION 791

- (Exam Topic 13)

Which of the following is the MOST efficient mechanism to account for all staff during a speedy nonemergency evacuation from a large security facility?

- A. Large mantrap where groups of individuals leaving are identified using facial recognition technology



- B. Radio Frequency Identification (RFID) sensors worn by each employee scanned by sensors at each exitdoor
- C. Emergency exits with push bars with coordinates at each exit checking off the individual against a predefined list
- D. Card-activated turnstile where individuals are validated upon exit

**Answer:** B

**Explanation:**

Section: Security Operations

**NEW QUESTION 795**

- (Exam Topic 13)

What is the process of removing sensitive data from a system or storage device with the intent that the data cannot be reconstructed by any known technique?

- A. Purging
- B. Encryption
- C. Destruction
- D. Clearing

**Answer:** A

**NEW QUESTION 796**

- (Exam Topic 13)

When determining who can accept the risk associated with a vulnerability, which of the following is MOST important?

- A. Countermeasure effectiveness
- B. Type of potential loss
- C. Incident likelihood
- D. Information ownership

**Answer:** C

**NEW QUESTION 798**

- (Exam Topic 13)

An organization has outsourced its financial transaction processing to a Cloud Service Provider (CSP) who will provide them with Software as a Service (SaaS). If there was a data breach who is responsible for monetary losses?

- A. The Data Protection Authority (DPA)
- B. The Cloud Service Provider (CSP)
- C. The application developers
- D. The data owner

**Answer:** B

**NEW QUESTION 802**

- (Exam Topic 13)

Which of the following is the BEST reason for the use of security metrics?

- A. They ensure that the organization meets its security objectives.
- B. They provide an appropriate framework for Information Technology (IT) governance.
- C. They speed up the process of quantitative risk assessment.
- D. They quantify the effectiveness of security processes.

**Answer:** B

**NEW QUESTION 804**

- (Exam Topic 13)

Match the name of access control model with its associated restriction.

Drag each access control model to its appropriate restriction access on the right.

<u>Access Control Model</u>	<u>Restrictions</u>
Mandatory Access Control	End user cannot set controls
Discretionary Access Control (DAC)	Subject has total control over objects
Role Based Access Control (RBAC)	Dynamically assigns permissions to particular duties based on job function
Rule based access control	Dynamically assigns roles to subjects based on criteria assigned by a custodian

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

<u>Access Control Model</u>		<u>Restrictions</u>
Mandatory Access Control	Mandatory Access Control	End user cannot set controls
Discretionary Access Control (DAC)	Discretionary Access Control (DAC)	Subject has total control over objects
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Rule based access control	Rule based access control	Dynamically assigns roles to subjects based on criteria assigned by a custodian

**NEW QUESTION 809**

- (Exam Topic 13)

Proven application security principles include which of the following?

- A. Minimizing attack surface area  
B. Hardening the network perimeter  
C. Accepting infrastructure security controls  
D. Developing independent modules

**Answer:** A

**NEW QUESTION 812**

- (Exam Topic 13)

Which of the following is considered a secure coding practice?

- A. Use concurrent access for shared variables and resources  
B. Use checksums to verify the integrity of libraries  
C. Use new code for common tasks  
D. Use dynamic execution functions to pass user supplied data

**Answer:** B

**NEW QUESTION 817**

- (Exam Topic 13)

Match the functional roles in an external audit to their responsibilities. Drag each role on the left to its corresponding responsibility on the right. Select and Place:

<u>Role</u>		<u>Responsibility</u>
Executive management		Approve audit budget and resource allocation.
Audit committee		Provide audit oversight.
Compliance officer		Ensure the achievement and maintenance of organizational requirements with applicable certifications.
External auditor		Develop and maintain knowledge and subject-matter expertise relevant to the type of audit.

- A. Mastered  
B. Not Mastered

**Answer:** A

**Explanation:**

<u>Role</u>		<u>Responsibility</u>
Executive management	Executive management	Approve audit budget and resource allocation.
Audit committee	Audit committee	Provide audit oversight.
Compliance officer	External auditor	Ensure the achievement and maintenance of organizational requirements with applicable certifications.
External auditor	Compliance officer	Develop and maintain knowledge and subject-matter expertise relevant to the type of audit.

#### NEW QUESTION 820

- (Exam Topic 13)

The core component of Role Based Access Control (RBAC) must be constructed of defined data elements. Which elements are required?

- A. Users, permissions, operations, and protected objects
- B. Roles, accounts, permissions, and protected objects
- C. Users, roles, operations, and protected objects
- D. Roles, operations, accounts, and protected objects

**Answer: C**

#### NEW QUESTION 825

- (Exam Topic 13)

Assessing a third party's risk by counting bugs in the code may not be the best measure of an attack surface within the supply chain. Which of the following is LEAST associated with the attack surface?

- A. Input protocols
- B. Target processes
- C. Error messages
- D. Access rights

**Answer: C**

#### Explanation:

Section: Security Assessment and Testing

#### NEW QUESTION 830

- (Exam Topic 13)

What is the expected outcome of security awareness in support of a security awareness program?

- A. Awareness activities should be used to focus on security concerns and respond to those concerns accordingly
- B. Awareness is not an activity or part of the training but rather a state of persistence to support the program
- C. Awareness is training
- D. The purpose of awareness presentations is to broaden attention of security.
- E. Awareness is not training
- F. The purpose of awareness presentation is simply to focus attention on security.

**Answer: C**

#### NEW QUESTION 834

- (Exam Topic 13)

An Information Technology (IT) professional attends a cybersecurity seminar on current incident response methodologies. What code of ethics canon is being observed?

- A. Provide diligent and competent service to principals
- B. Protect society, the commonwealth, and the infrastructure
- C. Advance and protect the profession
- D. Act honorable, honesty, justly, responsibly, and legally

**Answer: C**

#### Explanation:

Section: Security Operations

#### NEW QUESTION 835

- (Exam Topic 13)

Transport Layer Security (TLS) provides which of the following capabilities for a remote access server?



- A. Transport layer handshake compression
- B. Application layer negotiation
- C. Peer identity authentication
- D. Digital certificate revocation

**Answer:** C

**NEW QUESTION 838**

- (Exam Topic 13)

What MUST each information owner do when a system contains data from multiple information owners?

- A. Provide input to the Information System (IS) owner regarding the security requirements of the data
- B. Review the Security Assessment report (SAR) for the Information System (IS) and authorize the IS to operate.
- C. Develop and maintain the System Security Plan (SSP) for the Information System (IS) containing the data
- D. Move the data to an Information System (IS) that does not contain data owned by other information owners

**Answer:** C

**Explanation:**

Section: Security Assessment and Testing

**NEW QUESTION 840**

- (Exam Topic 13)

Which of the following would MINIMIZE the ability of an attacker to exploit a buffer overflow?

- A. Memory review
- B. Code review
- C. Message division
- D. Buffer division

**Answer:** B

**NEW QUESTION 843**

- (Exam Topic 13)

What is the foundation of cryptographic functions?

- A. Encryption
- B. Cipher
- C. Hash
- D. Entropy

**Answer:** A

**NEW QUESTION 847**

- (Exam Topic 13)

When network management is outsourced to third parties, which of the following is the MOST effective method of protecting critical data assets?

- A. Log all activities associated with sensitive systems
- B. Provide links to security policies
- C. Confirm that confidentially agreements are signed
- D. Employ strong access controls

**Answer:** D

**NEW QUESTION 850**

- (Exam Topic 13)

At a MINIMUM, audits of permissions to individual or group accounts should be scheduled

- A. annually
- B. to correspond with staff promotions
- C. to correspond with terminations
- D. continually

**Answer:** A

**NEW QUESTION 853**

- (Exam Topic 13)

Who is accountable for the information within an Information System (IS)?

- A. Security manager
- B. System owner
- C. Data owner
- D. Data processor

**Answer:** B

**Explanation:**

Section: Security Operations

**NEW QUESTION 855**

- (Exam Topic 13)

A chemical plant wants to upgrade the Industrial Control System (ICS) to transmit data using Ethernet instead of RS422. The project manager wants to simplify administration and maintenance by utilizing the office network infrastructure and staff to implement this upgrade.

Which of the following is the GREATEST impact on security for the network?

- A. The network administrators have no knowledge of ICS
- B. The ICS is now accessible from the office network
- C. The ICS does not support the office password policy
- D. RS422 is more reliable than Ethernet

**Answer: B**

**NEW QUESTION 860**

- (Exam Topic 13)

Which of the following is a responsibility of a data steward?

- A. Ensure alignment of the data governance effort to the organization.
- B. Conduct data governance interviews with the organization.
- C. Document data governance requirements.
- D. Ensure that data decisions and impacts are communicated to the organization.

**Answer: A**

**NEW QUESTION 865**

- (Exam Topic 13)

Which of the following is the MOST appropriate action when reusing media that contains sensitive data?

- A. Erase
- B. Sanitize
- C. Encrypt
- D. Degauss

**Answer: B**

**NEW QUESTION 868**

- (Exam Topic 13)

Which of the following alarm systems is recommended to detect intrusions through windows in a high-noise, occupied environment?

- A. Acoustic sensor
- B. Motion sensor
- C. Shock sensor
- D. Photoelectric sensor

**Answer: C**

**NEW QUESTION 870**

- (Exam Topic 13)

As part of an application penetration testing process, session hijacking can BEST be achieved by which of the following?

- A. Known-plaintext attack
- B. Denial of Service (DoS)
- C. Cookie manipulation
- D. Structured Query Language (SQL) injection

**Answer: D**

**Explanation:**

Section: Security Assessment and Testing

**NEW QUESTION 873**

- (Exam Topic 13)

Which of the following is the MOST important part of an awareness and training plan to prepare employees for emergency situations?

- A. Having emergency contacts established for the general employee population to get information
- B. Conducting business continuity and disaster recovery training for those who have a direct role in the recovery
- C. Designing business continuity and disaster recovery training programs for different audiences
- D. Publishing a corporate business continuity and disaster recovery plan on the corporate website

**Answer: C**

**NEW QUESTION 877**

- (Exam Topic 13)

What is the correct order of steps in an information security assessment?

Place the information security assessment steps on the left next to the numbered boxes on the right in the correct order.

### Actions

Define the perimeter.

Identify the vulnerability.

Assess the risk.

Determine the actions.

### Steps

Step 1

Step 2

Step 3

Step 4

- A. Mastered
- B. Not Mastered

**Answer:** A

**Explanation:**

### Actions

Define the perimeter.

Identify the vulnerability.

Assess the risk.

Determine the actions.

### Steps

Identify the vulnerability.

Step 1

Define the perimeter.

Step 2

Assess the risk.

Step 3

Determine the actions.

Step 4



**NEW QUESTION 878**

- (Exam Topic 13)

During examination of Internet history records, the following string occurs within a Unique Resource Locator (URL):

`http://www.companysite.com/products/products.asp?productid=123`

or `1=1`

What type of attack does this indicate?

- A. Directory traversal
- B. Structured Query Language (SQL) injection
- C. Cross-Site Scripting (XSS)
- D. Shellcode injection

**Answer: C**

**NEW QUESTION 880**

- (Exam Topic 13)

Attack trees are MOST useful for which of the following?

- A. Determining system security scopes
- B. Generating attack libraries
- C. Enumerating threats
- D. Evaluating Denial of Service (DoS) attacks

**Answer: A**

**NEW QUESTION 883**

- (Exam Topic 13)

Which of the following is the BEST metric to obtain when gaining support for an Identify and Access Management (IAM) solution?

- A. Application connection successes resulting in data leakage
- B. Administrative costs for restoring systems after connection failure
- C. Employee system timeouts from implementing wrong limits
- D. Help desk costs required to support password reset requests

**Answer: D**

**NEW QUESTION 888**

- (Exam Topic 13)

In Disaster Recovery (DR) and Business Continuity (DC) training, which BEST describes a functional drill?

- A. a functional evacuation of personnel
- B. a specific test by response teams of individual emergency response functions
- C. an activation of the backup site
- D. a full-scale simulation of an emergency and the subsequent response functions.

**Answer: D**

**NEW QUESTION 891**

- (Exam Topic 13)

The MAIN use of Layer 2 Tunneling Protocol (L2TP) is to tunnel data

- A. through a firewall at the Session layer
- B. through a firewall at the Transport layer
- C. in the Point-to-Point Protocol (PPP)
- D. in the Payload Compression Protocol (PCP)

**Answer: C**

**NEW QUESTION 895**

- (Exam Topic 13)

Which of the following provides the MOST comprehensive filtering of Peer-to-Peer (P2P) traffic?

- A. Application proxy
- B. Port filter
- C. Network boundary router
- D. Access layer switch

**Answer: A**

**NEW QUESTION 896**

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