

Exam Questions CISSP

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)

When assessing an organization's security policy according to standards established by the International Organization for Standardization (ISO) 27001 and 27002, when can management responsibilities be defined?

- A. Only when assets are clearly defined
- B. Only when standards are defined
- C. Only when controls are put in place
- D. Only procedures are defined

Answer: A

NEW QUESTION 3

- (Exam Topic 1)

Which of the following represents the GREATEST risk to data confidentiality?

- A. Network redundancies are not implemented
- B. Security awareness training is not completed
- C. Backup tapes are generated unencrypted
- D. Users have administrative privileges

Answer: C

NEW QUESTION 4

- (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 5

- (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 6

- (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 7

- (Exam Topic 2)

Which one of the following affects the classification of data?

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

D. Passage of time

Answer: D

NEW QUESTION 8

- (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 9

- (Exam Topic 2)

Which of the following is an effective control in preventing electronic cloning of Radio Frequency Identification (RFID) based access cards?

- A. Personal Identity Verification (PIV)
- B. Cardholder Unique Identifier (CHUID) authentication
- C. Physical Access Control System (PACS) repeated attempt detection
- D. Asymmetric Card Authentication Key (CAK) challenge-response

Answer: C

NEW QUESTION 10

- (Exam Topic 2)

When implementing a data classification program, why is it important to avoid too much granularity?

- A. The process will require too many resources
- B. It will be difficult to apply to both hardware and software
- C. It will be difficult to assign ownership to the data
- D. The process will be perceived as having value

Answer: A

NEW QUESTION 10

- (Exam Topic 2)

Which of the following BEST describes the responsibilities of a data owner?

- A. Ensuring quality and validation through periodic audits for ongoing data integrity
- B. Maintaining fundamental data availability, including data storage and archiving
- C. Ensuring accessibility to appropriate users, maintaining appropriate levels of data security
- D. Determining the impact the information has on the mission of the organization

Answer: C

NEW QUESTION 11

- (Exam Topic 3)

Which of the following mobile code security models relies only on trust?

- A. Code signing
- B. Class authentication
- C. Sandboxing
- D. Type safety

Answer: A

NEW QUESTION 14

- (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 19

- (Exam Topic 3)

The use of private and public encryption keys is fundamental in the implementation of which of the following?

- A. Diffie-Hellman algorithm

- B. Secure Sockets Layer (SSL)
- C. Advanced Encryption Standard (AES)
- D. Message Digest 5 (MD5)

Answer: A

NEW QUESTION 23

- (Exam Topic 3)

Who in the organization is accountable for classification of data information assets?

- A. Data owner
- B. Data architect
- C. Chief Information Security Officer (CISO)
- D. Chief Information Officer (CIO)

Answer: A

NEW QUESTION 24

- (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 28

- (Exam Topic 4)

An input validation and exception handling vulnerability has been discovered on a critical web-based system. Which of the following is MOST suited to quickly implement a control?

- A. Add a new rule to the application layer firewall
- B. Block access to the service
- C. Install an Intrusion Detection System (IDS)
- D. Patch the application source code

Answer: A

NEW QUESTION 33

- (Exam Topic 4)

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

Answer: D

NEW QUESTION 35

- (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 37

- (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 41

- (Exam Topic 4)

In a Transmission Control Protocol/Internet Protocol (TCP/IP) stack, which layer is responsible for negotiating and establishing a connection with another node?

- A. Transport layer
- B. Application layer
- C. Network layer
- D. Session layer

Answer: A

NEW QUESTION 43

- (Exam Topic 4)

At what level of the Open System Interconnection (OSI) model is data at rest on a Storage Area Network (SAN) located?

- A. Link layer
- B. Physical layer
- C. Session layer
- D. Application layer

Answer: D

NEW QUESTION 46

- (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 48

- (Exam Topic 6)

A Virtual Machine (VM) environment has five guest Operating Systems (OS) and provides strong isolation. What MUST an administrator review to audit a user's access to data files?

- A. Host VM monitor audit logs
- B. Guest OS access controls
- C. Host VM access controls
- D. Guest OS audit logs

Answer: A

NEW QUESTION 50

- (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 51

- (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 56

- (Exam Topic 7)

What would be the MOST cost effective solution for a Disaster Recovery (DR) site given that the organization's systems cannot be unavailable for more than 24 hours?

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

Answer: A

NEW QUESTION 58

- (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 63

- (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 65

- (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 70

- (Exam Topic 8)

When in the Software Development Life Cycle (SDLC) MUST software security functional requirements be defined?

- A. After the system preliminary design has been developed and the data security categorization has been performed
- B. After the vulnerability analysis has been performed and before the system detailed design begins
- C. After the system preliminary design has been developed and before the data security categorization begins
- D. After the business functional analysis and the data security categorization have been performed

Answer: C

NEW QUESTION 75

- (Exam Topic 8)

What is the BEST approach to addressing security issues in legacy web applications?

- A. Debug the security issues
- B. Migrate to newer, supported applications where possible
- C. Conduct a security assessment
- D. Protect the legacy application with a web application firewall

Answer: D

NEW QUESTION 80

- (Exam Topic 8)

Which of the following is the BEST method to prevent malware from being introduced into a production environment?

- A. Purchase software from a limited list of retailers
- B. Verify the hash key or certificate key of all updates
- C. Do not permit programs, patches, or updates from the Internet
- D. Test all new software in a segregated environment

Answer: D

NEW QUESTION 84

- (Exam Topic 8)

The configuration management and control task of the certification and accreditation process is incorporated in which phase of the System Development Life Cycle (SDLC)?

- A. System acquisition and development
- B. System operations and maintenance

- C. System initiation
- D. System implementation

Answer: A

Explanation:

Reference <https://online.concordia.edu/computer-science/system-development-life-cycle-phases/>

NEW QUESTION 89

- (Exam Topic 9)

Which of the following is a method used to prevent Structured Query Language (SQL) injection attacks?

- A. Data compression
- B. Data classification
- C. Data warehousing
- D. Data validation

Answer: D

NEW QUESTION 92

- (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 97

- (Exam Topic 9)

Which of the following MUST be part of a contract to support electronic discovery of data stored in a cloud environment?

- A. Integration with organizational directory services for authentication
- B. Tokenization of data
- C. Accommodation of hybrid deployment models
- D. Identification of data location

Answer: D

NEW QUESTION 100

- (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 101

- (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 103

- (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 104

- (Exam Topic 9)

An organization allows ping traffic into and out of their network. An attacker has installed a program on the network that uses the payload portion of the ping packet to move data into and out of the network. What type of attack has the organization experienced?

- A. Data leakage
- B. Unfiltered channel
- C. Data emanation
- D. Covert channel

Answer: D

NEW QUESTION 108

- (Exam Topic 9)

Contingency plan exercises are intended to do which of the following?

- A. Train personnel in roles and responsibilities
- B. Validate service level agreements
- C. Train maintenance personnel
- D. Validate operation metrics

Answer: A

NEW QUESTION 111

- (Exam Topic 9)

Which of the following is a physical security control that protects Automated Teller Machines (ATM) from skimming?

- A. Anti-tampering
- B. Secure card reader
- C. Radio Frequency (RF) scanner
- D. Intrusion Prevention System (IPS)

Answer: A

NEW QUESTION 115

- (Exam Topic 9)

The key benefits of a signed and encrypted e-mail include

- A. confidentiality, authentication, and authorization.
- B. confidentiality, non-repudiation, and authentication.
- C. non-repudiation, authorization, and authentication.
- D. non-repudiation, confidentiality, and authorization.

Answer: B

NEW QUESTION 117

- (Exam Topic 9)

What technique BEST describes antivirus software that detects viruses by watching anomalous behavior?

- A. Signature
- B. Inference
- C. Induction
- D. Heuristic

Answer: D

NEW QUESTION 122

- (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 127

- (Exam Topic 9)

What is the term commonly used to refer to a technique of authenticating one machine to another by forging packets from a trusted source?

- A. Man-in-the-Middle (MITM) attack
- B. Smurfing
- C. Session redirect
- D. Spoofing

Answer: D

NEW QUESTION 128

- (Exam Topic 9)

The overall goal of a penetration test is to determine a system's

- A. ability to withstand an attack.
- B. capacity management.
- C. error recovery capabilities.
- D. reliability under stress.

Answer: A

NEW QUESTION 131

- (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 133

- (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 136

- (Exam Topic 9)

The stringency of an Information Technology (IT) security assessment will be determined by the

- A. system's past security record.
- B. size of the system's database.
- C. sensitivity of the system's data.
- D. age of the system.

Answer: C

NEW QUESTION 140

- (Exam Topic 9)

Which one of these risk factors would be the LEAST important consideration in choosing a building site for a new computer facility?

- A. Vulnerability to crime
- B. Adjacent buildings and businesses
- C. Proximity to an airline flight path
- D. Vulnerability to natural disasters

Answer: C

NEW QUESTION 145

- (Exam Topic 9)

The process of mutual authentication involves a computer system authenticating a user and authenticating the

- A. user to the audit process.
- B. computer system to the user.
- C. user's access to all authorized objects.
- D. computer system to the audit process.

Answer: B

NEW QUESTION 150

- (Exam Topic 9)

Which of the following is the best practice for testing a Business Continuity Plan (BCP)?

- A. Test before the IT Audit
- B. Test when environment changes

- C. Test after installation of security patches
- D. Test after implementation of system patches

Answer: B

NEW QUESTION 154

- (Exam Topic 9)

A security professional has just completed their organization's Business Impact Analysis (BIA). Following Business Continuity Plan/Disaster Recovery Plan (BCP/DRP) best practices, what would be the professional's NEXT step?

- A. Identify and select recovery strategies.
- B. Present the findings to management for funding.
- C. Select members for the organization's recovery teams.
- D. Prepare a plan to test the organization's ability to recover its operations.

Answer: A

NEW QUESTION 155

- (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 159

- (Exam Topic 9)

What security management control is MOST often broken by collusion?

- A. Job rotation
- B. Separation of duties
- C. Least privilege model
- D. Increased monitoring

Answer: B

NEW QUESTION 161

- (Exam Topic 9)

The PRIMARY purpose of a security awareness program is to

- A. ensure that everyone understands the organization's policies and procedures.
- B. communicate that access to information will be granted on a need-to-know basis.
- C. warn all users that access to all systems will be monitored on a daily basis.
- D. comply with regulations related to data and information protection.

Answer: A

NEW QUESTION 164

- (Exam Topic 9)

The BEST method of demonstrating a company's security level to potential customers is

- A. a report from an external auditor.
- B. responding to a customer's security questionnaire.
- C. a formal report from an internal auditor.
- D. a site visit by a customer's security team.

Answer: A

NEW QUESTION 169

- (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 172

- (Exam Topic 9)

An organization is selecting a service provider to assist in the consolidation of multiple computing sites including development, implementation and ongoing support of various computer systems. Which of the following MUST be verified by the Information Security Department?

- A. The service provider's policies are consistent with ISO/IEC27001 and there is evidence that the service provider is following those policies.
- B. The service provider will segregate the data within its systems and ensure that each region's policies are met.
- C. The service provider will impose controls and protections that meet or exceed the current systems controls and produce audit logs as verification.
- D. The service provider's policies can meet the requirements imposed by the new environment even if they differ from the organization's current policies.

Answer: D

NEW QUESTION 177

- (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 180

- (Exam Topic 9)

Which of the following assessment metrics is BEST used to understand a system's vulnerability to potential exploits?

- A. Determining the probability that the system functions safely during any time period
- B. Quantifying the system's available services
- C. Identifying the number of security flaws within the system
- D. Measuring the system's integrity in the presence of failure

Answer: C

NEW QUESTION 185

- (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 190

- (Exam Topic 9)

Which of the following statements is TRUE for point-to-point microwave transmissions?

- A. They are not subject to interception due to encryption.
- B. Interception only depends on signal strength.
- C. They are too highly multiplexed for meaningful interception.
- D. They are subject to interception by an antenna within proximity.

Answer: D

NEW QUESTION 193

- (Exam Topic 9)

The FIRST step in building a firewall is to

- A. assign the roles and responsibilities of the firewall administrators.
- B. define the intended audience who will read the firewall policy.
- C. identify mechanisms to encourage compliance with the policy.
- D. perform a risk analysis to identify issues to be addressed.

Answer: D

NEW QUESTION 195

- (Exam Topic 9)

Which of the following is TRUE about Disaster Recovery Plan (DRP) testing?

- A. Operational networks are usually shut down during testing.
- B. Testing should continue even if components of the test fail.
- C. The company is fully prepared for a disaster if all tests pass.
- D. Testing should not be done until the entire disaster plan can be tested.

Answer: B

NEW QUESTION 196

- (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 199

- (Exam Topic 9)

The BEST way to check for good security programming practices, as well as auditing for possible backdoors, is to conduct

- A. log auditing.
- B. code reviews.
- C. impact assessments.
- D. static analysis.

Answer: B

NEW QUESTION 203

- (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 205

- (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 209

- (Exam Topic 9)

What principle requires that changes to the plaintext affect many parts of the ciphertext?

- A. Diffusion
- B. Encapsulation
- C. Obfuscation
- D. Permutation

Answer: A

NEW QUESTION 210

- (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 213

- (Exam Topic 9)

A disadvantage of an application filtering firewall is that it can lead to

- A. a crash of the network as a result of user activities.
- B. performance degradation due to the rules applied.
- C. loss of packets on the network due to insufficient bandwidth.
- D. Internet Protocol (IP) spoofing by hackers.

Answer: B

NEW QUESTION 216

- (Exam Topic 9)

When transmitting information over public networks, the decision to encrypt it should be based on

- A. the estimated monetary value of the information.
- B. whether there are transient nodes relaying the transmission.
- C. the level of confidentiality of the information.
- D. the volume of the information.

Answer: C

NEW QUESTION 221

- (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 225

- (Exam Topic 9)

Which of the following elements MUST a compliant EU-US Safe Harbor Privacy Policy contain?

- A. An Explanation: of how long the data subject's collected information will be retained for and how it will be eventually disposed.
- B. An Explanation: of who can be contacted at the organization collecting the information if corrections are required by the data subject.
- C. An Explanation: of the regulatory frameworks and compliance standards the information collecting organization adheres to.
- D. An Explanation: of all the technologies employed by the collecting organization in gathering information on the data subject.

Answer: B

NEW QUESTION 230

- (Exam Topic 9)

Which of the following would be the FIRST step to take when implementing a patch management program?

- A. Perform automatic deployment of patches.
- B. Monitor for vulnerabilities and threats.
- C. Prioritize vulnerability remediation.
- D. Create a system inventory.

Answer: D

NEW QUESTION 234

- (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 239

- (Exam Topic 9)

Following the completion of a network security assessment, which of the following can BEST be demonstrated?

- A. The effectiveness of controls can be accurately measured
- B. A penetration test of the network will fail
- C. The network is compliant to industry standards
- D. All unpatched vulnerabilities have been identified

Answer: A

NEW QUESTION 243

- (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 245

- (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 247

- (Exam Topic 9)

Why MUST a Kerberos server be well protected from unauthorized access?

- A. It contains the keys of all clients.
- B. It always operates at root privilege.
- C. It contains all the tickets for services.
- D. It contains the Internet Protocol (IP) address of all network entities.

Answer: A

NEW QUESTION 250

- (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 252

- (Exam Topic 9)

Which of the following is an effective method for avoiding magnetic media data remanence?

- A. Degaussing
- B. Encryption
- C. Data Loss Prevention (DLP)
- D. Authentication

Answer: A

NEW QUESTION 256

- (Exam Topic 9)

What is the MOST important purpose of testing the Disaster Recovery Plan (DRP)?

- A. Evaluating the efficiency of the plan
- B. Identifying the benchmark required for restoration
- C. Validating the effectiveness of the plan
- D. Determining the Recovery Time Objective (RTO)

Answer: C

NEW QUESTION 259

- (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 264

- (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 267

- (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 272

- (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 273

- (Exam Topic 9)

Which of the following does Temporal Key Integrity Protocol (TKIP) support?

- A. Multicast and broadcast messages
- B. Coordination of IEEE 802.11 protocols
- C. Wired Equivalent Privacy (WEP) systems
- D. Synchronization of multiple devices

Answer: C

NEW QUESTION 274

- (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 278

- (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 282

- (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 286

- (Exam Topic 9)

In Disaster Recovery (DR) and business continuity training, which BEST describes a functional drill?

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

Answer: B

NEW QUESTION 289

- (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 293

- (Exam Topic 10)

What do Capability Maturity Models (CMM) serve as a benchmark for in an organization?

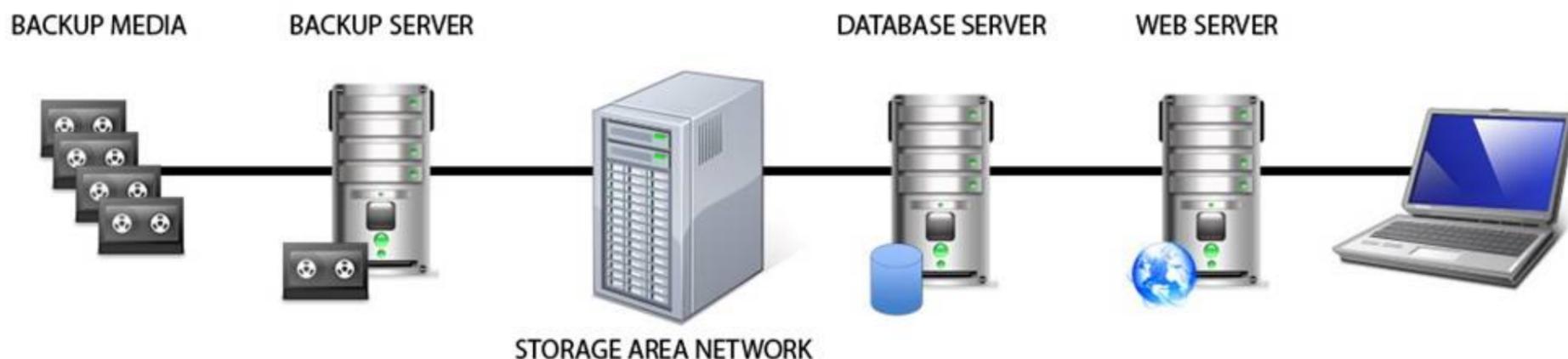
- A. Experience in the industry
- B. Definition of security profiles
- C. Human resource planning efforts
- D. Procedures in systems development

Answer: D

NEW QUESTION 294

- (Exam Topic 10)

Identify the component that MOST likely lacks digital accountability related to information access. Click on the correct device in the image below.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Backup Media

Reference: Official (ISC)2 Guide to the CISSP CBK, Third Edition page 1029

NEW QUESTION 297

- (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. The organization should ensure that the third party's physical security controls are in place so that they

- A. are more rigorous than the original controls.
- B. are able to limit access to sensitive information.
- C. allow access by the organization staff at any time.
- D. cannot be accessed by subcontractors of the third party.

Answer: B

NEW QUESTION 298

- (Exam Topic 10)

Which of the following is the BEST reason to review audit logs periodically?

- A. Verify they are operating properly

- B. Monitor employee productivity
- C. Identify anomalies in use patterns
- D. Meet compliance regulations

Answer: C

NEW QUESTION 299

- (Exam Topic 10)

Which of the following is an example of two-factor authentication?

- A. Retina scan and a palm print
- B. Fingerprint and a smart card
- C. Magnetic stripe card and an ID badge
- D. Password and Completely Automated Public Turing test to tell Computers and Humans Apart(CAPTCHA)

Answer: B

NEW QUESTION 301

- (Exam Topic 10)

Which of the following provides effective management assurance for a Wireless Local Area Network (WLAN)?

- A. Maintaining an inventory of authorized Access Points (AP) and connecting devices
- B. Setting the radio frequency to the minimum range required
- C. Establishing a Virtual Private Network (VPN) tunnel between the WLAN client device and a VPN concentrator
- D. Verifying that all default passwords have been changed

Answer: A

NEW QUESTION 304

- (Exam Topic 10)

Which of the following MOST influences the design of the organization's electronic monitoring policies?

- A. Workplace privacy laws
- B. Level of organizational trust
- C. Results of background checks
- D. Business ethical considerations

Answer: A

NEW QUESTION 307

- (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 311

- (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 316

- (Exam Topic 10)

What physical characteristic does a retinal scan biometric device measure?

- A. The amount of light reflected by the retina
- B. The size, curvature, and shape of the retina
- C. The pattern of blood vessels at the back of the eye
- D. The pattern of light receptors at the back of the eye

Answer: C

NEW QUESTION 317

- (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 318

- (Exam Topic 10)

An online retail company has formulated a record retention schedule for customer transactions. Which of the following is a valid reason a customer transaction is kept beyond the retention schedule?

- A. Pending legal hold
- B. Long term data mining needs
- C. Customer makes request to retain
- D. Useful for future business initiatives

Answer: A

NEW QUESTION 319

- (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 it is discovered that large quantities of information have been copied by the unauthorized individual, what attribute of the data has been compromised?

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

Answer: D

NEW QUESTION 320

- (Exam Topic 10)

Which item below is a federated identity standard?

- A. 802.11i
- B. Kerberos
- C. Lightweight Directory Access Protocol (LDAP)
- D. Security Assertion Markup Language (SAML)

Answer: D

NEW QUESTION 322

- (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 324

- (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 325

- (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 326

- (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 330

- (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. The third party needs to have

- A. processes that are identical to that of the organization doing the outsourcing.
- B. access to the original personnel that were on staff at the organization.
- C. the ability to maintain all of the applications in languages they are familiar with.
- D. access to the skill sets consistent with the programming languages used by the organization.

Answer: D

NEW QUESTION 334

- (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 335

- (Exam Topic 10)

What is the PRIMARY advantage of using automated application security testing tools?

- A. The application can be protected in the production environment.
- B. Large amounts of code can be tested using fewer resources.
- C. The application will fail less when tested using these tools.
- D. Detailed testing of code functions can be performed.

Answer: B

NEW QUESTION 340

- (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 342

- (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 344

- (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 347

- (Exam Topic 10)

When implementing a secure wireless network, which of the following supports authentication and authorization for individual client endpoints?

- A. Temporal Key Integrity Protocol (TKIP)
- B. Wi-Fi Protected Access (WPA) Pre-Shared Key (PSK)
- C. Wi-Fi Protected Access 2 (WPA2) Enterprise
- D. Counter Mode with Cipher Block Chaining Message Authentication Code Protocol (CCMP)

Answer: C

NEW QUESTION 351

- (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 352

- (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.

User	Clearance Level
A	Restricted
B	Confidential
C	Secret
D	Top Secret

Files	Security Class
1	Restricted
2	Confidential
3	Secret
4	Top Secret

In a Bell-LaPadula system, which user cannot write to File 3?

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

Answer: D

NEW QUESTION 357

- (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 362

- (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 363

- (Exam Topic 10)

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

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

Answer: C

NEW QUESTION 367

- (Exam Topic 10)

A system is developed so that its business users can perform business functions but not user administration functions. Application administrators can perform administration functions but not user business functions. These capabilities are BEST described as

- A. least privilege.
- B. rule based access controls.
- C. Mandatory Access Control (MAC).
- D. separation of duties.

Answer: D

NEW QUESTION 372

- (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 376

- (Exam Topic 10)

Which of the following is the MAIN goal of a data retention policy?

- A. Ensure that data is destroyed properly.
- B. Ensure that data recovery can be done on the data.
- C. Ensure the integrity and availability of data for a predetermined amount of time.
- D. Ensure the integrity and confidentiality of data for a predetermined amount of time.

Answer: C

NEW QUESTION 378

- (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 379

- (Exam Topic 10)

Refer to the information below to answer the question.

A security practitioner detects client-based attacks on the organization's network. A plan will be necessary to address these concerns.

What is the BEST reason for the organization to pursue a plan to mitigate client-based attacks?

- A. Client privilege administration is inherently weaker than server privilege administration.
- B. Client hardening and management is easier on clients than on servers.
- C. Client-based attacks are more common and easier to exploit than server and network based attacks.
- D. Client-based attacks have higher financial impact.

Answer: C

NEW QUESTION 384

- (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. In addition to authentication at the start of the user session, best practice would require re-authentication

- A. periodically during a session.
- B. for each business process.
- C. at system sign-off.
- D. after a period of inactivity.

Answer: D

NEW QUESTION 388

- (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 389

- (Exam Topic 10)

The amount of data that will be collected during an audit is PRIMARILY determined by the

- A. audit scope.
- B. auditor's experience level.
- C. availability of the data.
- D. integrity of the data.

Answer: A

NEW QUESTION 394

- (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.

User	Clearance Level
A	Restricted
B	Confidential
C	Secret
D	Top Secret

Files	Security Class
1	Restricted
2	Confidential
3	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 399

- (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. The security program can be considered effective when

- A. vulnerabilities are proactively identified.
- B. audits are regularly performed and reviewed.
- C. backups are regularly performed and validated.
- D. risk is lowered to an acceptable level.

Answer: D

NEW QUESTION 400

- (Exam Topic 10)

Refer to the information below to answer the question.

Desktop computers in an organization were sanitized for re-use in an equivalent security environment. The data was destroyed in accordance with organizational policy and all marking and other external indications of the sensitivity of the data that was formerly stored on the magnetic drives were removed. After magnetic drives were degaussed twice according to the product manufacturer's directions, what is the MOST LIKELY security issue with degaussing?

- A. Commercial products often have serious weaknesses of the magnetic force available in the degausser product.
- B. Degausser products may not be properly maintained and operated.
- C. The inability to turn the drive around in the chamber for the second pass due to human error.
- D. Inadequate record keeping when sanitizing media.

Answer: B

NEW QUESTION 402

- (Exam Topic 10)

From a security perspective, which of the following is a best practice to configure a Domain Name Service (DNS) system?

- A. Configure secondary servers to use the primary server as a zone forwarder.
- B. Block all Transmission Control Protocol (TCP) connections.
- C. Disable all recursive queries on the name servers.
- D. Limit zone transfers to authorized devices.

Answer: D

NEW QUESTION 406

- (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 408

- (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 410

- (Exam Topic 10)

Which of the following is the PRIMARY benefit of a formalized information classification program?

- A. It drives audit processes.
- B. It supports risk assessment.
- C. It reduces asset vulnerabilities.
- D. It minimizes system logging requirements.

Answer: B

NEW QUESTION 411

- (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 414

- (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 419

- (Exam Topic 10)

When using third-party software developers, which of the following is the MOST effective method of providing software development Quality Assurance (QA)?

- A. Retain intellectual property rights through contractual wording.
- B. Perform overlapping code reviews by both parties.
- C. Verify that the contractors attend development planning meetings.
- D. Create a separate contractor development environment.

Answer: B

NEW QUESTION 422

- (Exam Topic 10)

Which of the following is critical for establishing an initial baseline for software components in the operation and maintenance of applications?

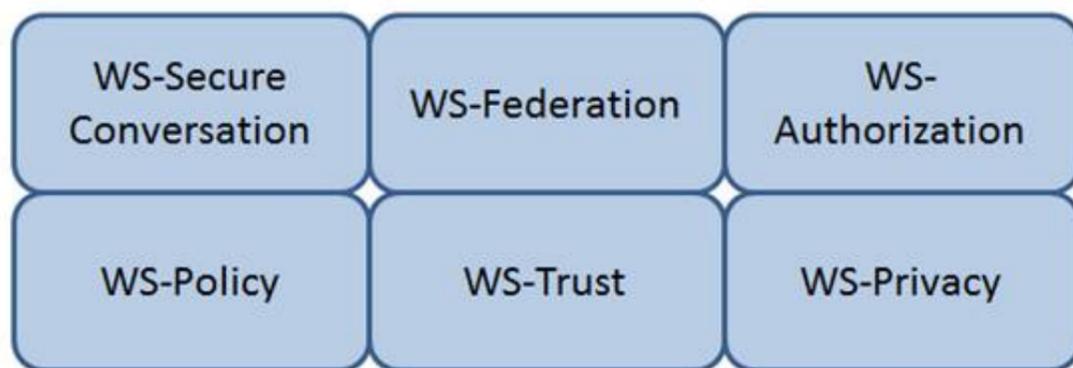
- A. Application monitoring procedures
- B. Configuration control procedures
- C. Security audit procedures
- D. Software patching procedures

Answer: B

NEW QUESTION 425

- (Exam Topic 11)

Which Web Services Security (WS-Security) specification handles the management of security tokens and the underlying policies for granting access? Click on the correct specification in the image below.



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

WS-Authorization

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

NEW QUESTION 429

- (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 434

- (Exam Topic 11)

Which of the following prevents improper aggregation of privileges in Role Based Access Control (RBAC)?

- A. Hierarchical inheritance
- B. Dynamic separation of duties

- C. The Clark-Wilson security model
- D. The Bell-LaPadula security model

Answer: B

NEW QUESTION 438

- (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 439

- (Exam Topic 11)

If an identification process using a biometric system detects a 100% match between a presented template and a stored template, what is the interpretation of this result?

- A. User error
- B. Suspected tampering
- C. Accurate identification
- D. Unsuccessful identification

Answer: B

NEW QUESTION 442

- (Exam Topic 11)

What is the GREATEST challenge to identifying data leaks?

- A. Available technical tools that enable user activity monitoring.
- B. Documented asset classification policy and clear labeling of assets.
- C. Senior management cooperation in investigating suspicious behavior.
- D. Law enforcement participation to apprehend and interrogate suspects.

Answer: B

NEW QUESTION 444

- (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 445

- (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 448

- (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 452

- (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 456

- (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 461

- (Exam Topic 11)

Which of the following is a reason to use manual patch installation instead of automated patch management?

- A. The cost required to install patches will be reduced.
- B. The time during which systems will remain vulnerable to an exploit will be decreased.
- C. The likelihood of system or application incompatibilities will be decreased.
- D. The ability to cover large geographic areas is increased.

Answer: C

NEW QUESTION 462

- (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 464

- (Exam Topic 11)

How can lessons learned from business continuity training and actual recovery incidents BEST be used?

- A. As a means for improvement
- B. As alternative options for awareness and training
- C. As indicators of a need for policy
- D. As business function gap indicators

Answer: A

NEW QUESTION 467

- (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 472

- (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 474

- (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 478

- (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 480

- (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 485

- (Exam Topic 11)

Which of the following is the BIGGEST weakness when using native Lightweight Directory Access Protocol (LDAP) for authentication?

- A. Authorizations are not included in the server response
- B. Unsalted hashes are passed over the network
- C. The authentication session can be replayed
- D. Passwords are passed in cleartext

Answer: D

NEW QUESTION 488

- (Exam Topic 11)

Which of the following disaster recovery test plans will be MOST effective while providing minimal risk?

- A. Read-through
- B. Parallel
- C. Full interruption
- D. Simulation

Answer: B

NEW QUESTION 489

- (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 492

- (Exam Topic 11)

Which of the following standards/guidelines requires an Information Security Management System (ISMS) to be defined?

- A. International Organization for Standardization (ISO) 27000 family
- B. Information Technology Infrastructure Library (ITIL)
- C. Payment Card Industry Data Security Standard (PCIDSS)
- D. ISO/IEC 20000

Answer: A

NEW QUESTION 493

- (Exam Topic 11)

What is the MOST efficient way to secure a production program and its data?

- A. Disable default accounts and implement access control lists (ACL)
- B. Harden the application and encrypt the data
- C. Disable unused services and implement tunneling
- D. Harden the servers and backup the data

Answer: B

NEW QUESTION 494

- (Exam Topic 11)

Which security approach will BEST minimize Personally Identifiable Information (PII) loss from a data breach?

- A. A strong breach notification process
- B. Limited collection of individuals' confidential data
- C. End-to-end data encryption for data in transit
- D. Continuous monitoring of potential vulnerabilities

Answer: B

NEW QUESTION 496

- (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 499

- (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 501

- (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 505

- (Exam Topic 11)

Which of the following describes the BEST configuration management practice?

- A. After installing a new system, the configuration files are copied to a separate back-up system and hashed to detect tampering.
- B. After installing a new system, the configuration files are copied to an air-gapped system and hashed to detect tampering.
- C. The firewall rules are backed up to an air-gapped system.
- D. A baseline configuration is created and maintained for all relevant systems.

Answer: D

NEW QUESTION 507

- (Exam Topic 11)

Which of the following is the PRIMARY security concern associated with the implementation of smart cards?

- A. The cards have limited memory
- B. Vendor application compatibility
- C. The cards can be misplaced
- D. Mobile code can be embedded in the card

Answer: C

NEW QUESTION 508

- (Exam Topic 11)

After acquiring the latest security updates, what must be done before deploying to production systems?

- A. Use tools to detect missing system patches
- B. Install the patches on a test system
- C. Subscribe to notifications for vulnerabilities
- D. Assess the severity of the situation

Answer: B

NEW QUESTION 510

- (Exam Topic 11)

A software security engineer is developing a black box-based test plan that will measure the system's reaction to incorrect or illegal inputs or unexpected operational errors and situations. Match the functional testing techniques on the left with the correct input parameters on the right.

<u>Functional Testing Techniques</u>		<u>Input Parameter Selection</u>
State-Based Analysis		Select one input that does not belong to any of the identified partitions.
Equivalence Class Analysis		Select inputs that are at the external limits of the domain of valid values.
Decision Table Analysis		Select invalid combinations of input values.
Boundary Value Analysis		Select unexpected inputs corresponding to each known condition.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

<u>Functional Testing Techniques</u>		<u>Input Parameter Selection</u>
State-Based Analysis	Equivalence Class Analysis	Select one input that does not belong to any of the identified partitions.
Equivalence Class Analysis	Boundary Value Analysis	Select inputs that are at the external limits of the domain of valid values.
Decision Table Analysis	Decision Table Analysis	Select invalid combinations of input values.
Boundary Value Analysis	State-Based Analysis	Select unexpected inputs corresponding to each known condition.

NEW QUESTION 513

- (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 518

- (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 519

- (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 524

- (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 525

- (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 528

- (Exam Topic 11)

What type of encryption is used to protect sensitive data in transit over a network?

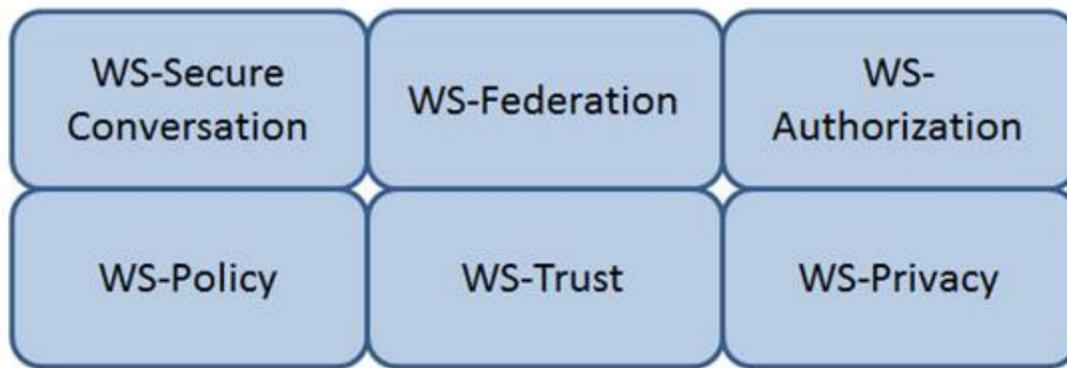
- A. Payload encryption and transport encryption
- B. Authentication Headers (AH)
- C. Keyed-Hashing for Message Authentication
- D. Point-to-Point Encryption (P2PE)

Answer: A

NEW QUESTION 533

- (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 534

- (Exam Topic 11)

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

Secure Architecture	<input type="text"/>	Do you advertise shared security services with guidance for project teams?
Education & Guidance	<input type="text"/>	Are most people tested to ensure a baseline skill- set for secure development practices?
Strategy & Metrics	<input type="text"/>	Does most of the organization know about what's required based on risk ratings?
Vulnerability Management	<input type="text"/>	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 539

- (Exam Topic 11)

A security professional is asked to provide a solution that restricts a bank teller to only perform a savings deposit transaction but allows a supervisor to perform corrections after the transaction. Which of the following is the MOST effective solution?

- A. Access is based on rules.
- B. Access is determined by the system.
- C. Access is based on user's role.
- D. Access is based on data sensitivity.

Answer: C

NEW QUESTION 542

- (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 546

- (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 547

- (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 552

- (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 557

- (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 558

- (Exam Topic 11)

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

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

Answer: B

NEW QUESTION 562

- (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 567

- (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 568

- (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 573

- (Exam Topic 11)

Which one of the following is a common risk with network configuration management?

- A. Patches on the network are difficult to keep current.
- B. It is the responsibility of the systems administrator.
- C. User ID and passwords are never set to expire.
- D. Network diagrams are not up to date.

Answer: D

NEW QUESTION 577

- (Exam Topic 11)

Which of the following is the MOST effective method of mitigating data theft from an active user workstation?

- A. Implement full-disk encryption
- B. Enable multifactor authentication
- C. Deploy file integrity checkers
- D. Disable use of portable devices

Answer: D

NEW QUESTION 580

- (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 585

- (Exam Topic 11)

Which one of the following operates at the session, transport, or network layer of the Open System Interconnection (OSI) model?

- A. Data at rest encryption
- B. Configuration Management
- C. Integrity checking software
- D. Cyclic redundancy check (CRC)

Answer: D

NEW QUESTION 590

- (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 593

- (Exam Topic 11)

What type of test assesses a Disaster Recovery (DR) plan using realistic disaster scenarios while maintaining minimal impact to business operations?

- A. Parallel
- B. Walkthrough
- C. Simulation
- D. Tabletop

Answer: C

NEW QUESTION 598

- (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 603

- (Exam Topic 11)

Which of the following BEST avoids data remanence disclosure for cloud hosted resources?

- A. Strong encryption and deletion of the keys after data is deleted.
- B. Strong encryption and deletion of the virtual host after data is deleted.
- C. Software based encryption with two factor authentication.
- D. Hardware based encryption on dedicated physical servers.

Answer: A

NEW QUESTION 606

- (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 609

- (Exam Topic 11)

Who is ultimately responsible to ensure that information assets are categorized and adequate measures are taken to protect them?

- A. Data Custodian
- B. Executive Management
- C. Chief Information Security Officer
- D. Data/Information/Business Owners

Answer: B

NEW QUESTION 612

- (Exam Topic 11)

Which of the following protocols would allow an organization to maintain a centralized list of users that can read a protected webpage?

- A. Lightweight Directory Access Control (LDAP)
- B. Security Assertion Markup Language (SAML)
- C. Hypertext Transfer Protocol (HTTP)
- D. Kerberos

Answer: A

NEW QUESTION 615

- (Exam Topic 11)

In the Open System Interconnection (OSI) model, which layer is responsible for the transmission of binary data over a communications network?

- A. Application Layer
- B. Physical Layer
- C. Data-Link Layer
- D. Network Layer

Answer:

B

NEW QUESTION 617

- (Exam Topic 11)

Are companies legally required to report all data breaches?

- A. No, different jurisdictions have different rules.
- B. No, not if the data is encrypted.
- C. No, companies' codes of ethics don't require it.
- D. No, only if the breach had a material impact.

Answer: A

NEW QUESTION 618

- (Exam Topic 11)

While investigating a malicious event, only six days of audit logs from the last month were available. What policy should be updated to address this problem?

- A. Retention
- B. Reporting
- C. Recovery
- D. Remediation

Answer: A

NEW QUESTION 621

- (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 626

- (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 631

- (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 632

- (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 633

- (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 637

- (Exam Topic 11)

Which of the following could elicit a Denial of Service (DoS) attack against a credential management system?

- A. Delayed revocation or destruction of credentials
- B. Modification of Certificate Revocation List
- C. Unauthorized renewal or re-issuance
- D. Token use after decommissioning

Answer: B

NEW QUESTION 641

- (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 646

- (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 649

- (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 651

- (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 653

- (Exam Topic 12)

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:

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 roles permissions to particular duties based on job function
 Rule Based access control – Dynamically assigns roles to subjects based on criteria assigned by a custodian.

NEW QUESTION 655

- (Exam Topic 12)
 Which of the following information MUST be provided for user account provisioning?

- A. Full name
- B. Unique identifier
- C. Security question
- D. Date of birth

Answer: B

NEW QUESTION 658

- (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 659

- (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 663

- (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 667

- (Exam Topic 12)
 Which of the following is the MOST important goal of information asset valuation?

- A. Developing a consistent and uniform method of controlling access on information assets
- B. Developing appropriate access control policies and guidelines
- C. Assigning a financial value to an organization's information assets
- D. Determining the appropriate level of protection

Answer: D

NEW QUESTION 668

- (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 672

- (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 676

- (Exam Topic 12)

Which of the following sets of controls should allow an investigation if an attack is not blocked by preventive controls or detected by monitoring?

- A. Logging and audit trail controls to enable forensic analysis
- B. Security incident response lessons learned procedures
- C. Security event alert triage done by analysts using a Security Information and Event Management (SIEM) system
- D. Transactional controls focused on fraud prevention

Answer: C

NEW QUESTION 678

- (Exam Topic 12)

What type of wireless network attack BEST describes an Electromagnetic Pulse (EMP) attack?

- A. Radio Frequency (RF) attack
- B. Denial of Service (DoS) attack
- C. Data modification attack
- D. Application-layer attack

Answer: B

NEW QUESTION 679

- (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 681

- (Exam Topic 12)

The PRIMARY purpose of accreditation is to:

- A. comply with applicable laws and regulations.
- B. allow senior management to make an informed decision regarding whether to accept the risk of operating the system.
- C. protect an organization's sensitive data.
- D. verify that all security controls have been implemented properly and are operating in the correct manner.

Answer: B

NEW QUESTION 685

- (Exam Topic 12)

Which of the following media sanitization techniques is MOST likely to be effective for an organization using public cloud services?

- A. Low-level formatting
- B. Secure-grade overwrite erasure
- C. Cryptographic erasure
- D. Drive degaussing

Answer: B

NEW QUESTION 689

- (Exam Topic 12)

Which of the following BEST describes a chosen plaintext attack?

- A. The cryptanalyst can generate ciphertext from arbitrary text.
- B. The cryptanalyst examines the communication being sent back and forth.
- C. The cryptanalyst can choose the key and algorithm to mount the attack.
- D. The cryptanalyst is presented with the ciphertext from which the original message is determined.

Answer: A

NEW QUESTION 693

- (Exam Topic 12)

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

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

Answer: A

NEW QUESTION 698

- (Exam Topic 12)

Determining outage costs caused by a disaster can BEST be measured by the

- A. cost of redundant systems and backups.
- B. cost to recover from an outage.
- C. overall long-term impact of the outage.
- D. revenue lost during the outage.

Answer: C

NEW QUESTION 699

- (Exam Topic 12)

A database administrator is asked by a high-ranking member of management to perform specific changes to the accounting system database. The administrator is specifically instructed to not track or evidence the change in a ticket. Which of the following is the BEST course of action?

- A. Ignore the request and do not perform the change.
- B. Perform the change as requested, and rely on the next audit to detect and report the situation.
- C. Perform the change, but create a change ticket regardless to ensure there is complete traceability.
- D. Inform the audit committee or internal audit directly using the corporate whistleblower process.

Answer: D

NEW QUESTION 703

- (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 707

- (Exam Topic 12)

Which of the following would BEST describe the role directly responsible for data within an organization?

- A. Data custodian
- B. Information owner
- C. Database administrator
- D. Quality control

Answer: A

NEW QUESTION 709

- (Exam Topic 12)

When writing security assessment procedures, what is the MAIN purpose of the test outputs and reports?

- A. To force the software to fail and document the process
- B. To find areas of compromise in confidentiality and integrity
- C. To allow for objective pass or fail decisions
- D. To identify malware or hidden code within the test results

Answer: C

NEW QUESTION 711

- (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 714

- (Exam Topic 12)

Which one of the following activities would present a significant security risk to organizations when employing a Virtual Private Network (VPN) solution?

- A. VPN bandwidth
- B. Simultaneous connection to other networks
- C. Users with Internet Protocol (IP) addressing conflicts
- D. Remote users with administrative rights

Answer: B

NEW QUESTION 715

- (Exam Topic 12)

Which of the following is the PRIMARY reason for employing physical security personnel at entry points in facilities where card access is in operation?

- A. To verify that only employees have access to the facility.
- B. To identify present hazards requiring remediation.
- C. To monitor staff movement throughout the facility.
- D. To provide a safe environment for employees.

Answer: D

NEW QUESTION 720

- (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 721

- (Exam Topic 12)

An organization regularly conducts its own penetration tests. Which of the following scenarios MUST be covered for the test to be effective?

- A. Third-party vendor with access to the system
- B. System administrator access compromised
- C. Internal attacker with access to the system
- D. Internal user accidentally accessing data

Answer: C

NEW QUESTION 726

- (Exam Topic 12)

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

Answer:

C

NEW QUESTION 731

- (Exam Topic 12)

From a cryptographic perspective, the service of non-repudiation includes which of the following features?

- A. Validity of digital certificates
- B. Validity of the authorization rules
- C. Proof of authenticity of the message
- D. Proof of integrity of the message

Answer: C

NEW QUESTION 734

- (Exam Topic 12)

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: D

NEW QUESTION 739

- (Exam Topic 12)

Reciprocal backup site agreements are considered to be

- A. a better alternative than the use of warm sites.
- B. difficult to test for complex systems.
- C. easy to implement for similar types of organizations.
- D. easy to test and implement for complex systems.

Answer: B

NEW QUESTION 742

- (Exam Topic 12)

Knowing the language in which an encrypted message was originally produced might help a cryptanalyst to perform a

- A. clear-text attack.
- B. known cipher attack.
- C. frequency analysis.
- D. stochastic assessment.

Answer: C

NEW QUESTION 744

- (Exam Topic 12)

What is the MOST important element when considering the effectiveness of a training program for Business Continuity (BC) and Disaster Recovery (DR)?

- A. Management support
- B. Consideration of organizational need
- C. Technology used for delivery
- D. Target audience

Answer: B

NEW QUESTION 745

- (Exam Topic 12)

In which identity management process is the subject's identity established?

- A. Trust
- B. Provisioning
- C. Authorization
- D. Enrollment

Answer: D

NEW QUESTION 747

- (Exam Topic 12)

During the Security Assessment and Authorization process, what is the PRIMARY purpose for conducting a hardware and software inventory?

- A. Calculate the value of assets being accredited.
- B. Create a list to include in the Security Assessment and Authorization package.
- C. Identify obsolete hardware and software.
- D. Define the boundaries of the information system.

Answer: A

NEW QUESTION 750

- (Exam Topic 12)

What balance MUST be considered when web application developers determine how informative application error messages should be constructed?

- A. Risk versus benefit
- B. Availability versus auditability
- C. Confidentiality versus integrity
- D. Performance versus user satisfaction

Answer: A

NEW QUESTION 751

- (Exam Topic 12)

What is a characteristic of Secure Socket Layer (SSL) and Transport Layer Security (TLS)?

- A. SSL and TLS provide a generic channel security mechanism on top of Transmission Control Protocol (TCP).
- B. SSL and TLS provide nonrepudiation by default.
- C. SSL and TLS do not provide security for most routed protocols.
- D. SSL and TLS provide header encapsulation over HyperText Transfer Protocol (HTTP).

Answer: A

NEW QUESTION 755

- (Exam Topic 13)

A security compliance manager of a large enterprise wants to reduce the time it takes to perform network, system, and application security compliance audits while increasing quality and effectiveness of the results. What should be implemented to BEST achieve the desired results?

- A. Configuration Management Database (CMDB)
- B. Source code repository
- C. Configuration Management Plan (CMP)
- D. System performance monitoring application

Answer: C

NEW QUESTION 756

- (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 757

- (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 758

- (Exam Topic 13)

A security analyst for a large financial institution is reviewing network traffic related to an incident. The analyst determines the traffic is irrelevant to the investigation but in the process of the review, the analyst also finds that an applications data, which included full credit card cardholder data, is transferred in clear text between the server and user's desktop. The analyst knows this violates the Payment Card Industry Data Security Standard (PCI-DSS). Which of the following is the analyst's next step?

- A. Send the log file co-workers for peer review
- B. Include the full network traffic logs in the incident report
- C. Follow organizational processes to alert the proper teams to address the issue.
- D. Ignore data as it is outside the scope of the investigation and the analyst's role.

Answer: C

Explanation:

Section: Security Operations

NEW QUESTION 760

- (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 765

- (Exam Topic 13)

Which one of the following is an advantage of an effective release control strategy from a configuration control standpoint?

- A. Ensures that a trace for all deliverables is maintained and auditable
- B. Enforces backward compatibility between releases
- C. Ensures that there is no loss of functionality between releases
- D. Allows for future enhancements to existing features

Answer: C

NEW QUESTION 770

- (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 773

- (Exam Topic 13)

What is the MAIN goal of information security awareness and training?

- A. To inform users of the latest malware threats
- B. To inform users of information assurance responsibilities
- C. To comply with the organization information security policy
- D. To prepare students for certification

Answer: B

NEW QUESTION 778

- (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 781

- (Exam Topic 13)

From a security perspective, which of the following assumptions MUST be made about input to an application?

- A. It is tested
- B. It is logged
- C. It is verified
- D. It is untrusted

Answer: D

NEW QUESTION 783

- (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 785

- (Exam Topic 13)

What is the PRIMARY role of a scrum master in agile development?

- A. To choose the primary development language
- B. To choose the integrated development environment
- C. To match the software requirements to the delivery plan
- D. To project manage the software delivery

Answer: D

NEW QUESTION 790

- (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 795

- (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 797

- (Exam Topic 13)

Unused space in a disk cluster is important in media analysis because it may contain which of the following?

- A. Residual data that has not been overwritten
- B. Hidden viruses and Trojan horses

- C. Information about the File Allocation table (FAT)
- D. Information about patches and upgrades to the system

Answer: A

NEW QUESTION 799

- (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 801

- (Exam Topic 13)

The design review for an application has been completed and is ready for release. What technique should an organization use to assure application integrity?

- A. Application authentication
- B. Input validation
- C. Digital signing
- D. Device encryption

Answer: C

NEW QUESTION 806

- (Exam Topic 13)

Which security modes is MOST commonly used in a commercial environment because it protects the integrity of financial and accounting data?

- A. Biba
- B. Graham-Denning
- C. Clark-Wilson
- D. Beil-LaPadula

Answer: C

NEW QUESTION 808

- (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 810

- (Exam Topic 13)

Which of the following is a benefit in implementing an enterprise Identity and Access Management (IAM) solution?

- A. Password requirements are simplified.
- B. Risk associated with orphan accounts is reduced.
- C. Segregation of duties is automatically enforced.
- D. Data confidentiality is increased.

Answer: A

NEW QUESTION 812

- (Exam Topic 13)

A security practitioner is tasked with securing the organization's Wireless Access Points (WAP). Which of these is the MOST effective way of restricting this environment to authorized users?

- A. Enable Wi-Fi Protected Access 2 (WPA2) encryption on the wireless access point
- B. Disable the broadcast of the Service Set Identifier (SSID) name
- C. Change the name of the Service Set Identifier (SSID) to a random value not associated with the organization
- D. Create Access Control Lists (ACL) based on Media Access Control (MAC) addresses

Answer: D

NEW QUESTION 816

- (Exam Topic 13)

Which of the following methods of suppressing a fire is environmentally friendly and the MOST appropriate for a data center?

- A. Inert gas fire suppression system
- B. Halon gas fire suppression system
- C. Dry-pipe sprinklers
- D. Wet-pipe sprinklers

Answer: C

NEW QUESTION 819

- (Exam Topic 13)

Which of the following is a common characteristic of privacy?

- A. Provision for maintaining an audit trail of access to the private data
- B. Notice to the subject of the existence of a database containing relevant credit card data
- C. Process for the subject to inspect and correct personal data on-site
- D. Database requirements for integration of privacy data

Answer: A

NEW QUESTION 820

- (Exam Topic 13)

What does electronic vaulting accomplish?

- A. It protects critical files.
- B. It ensures the fault tolerance of Redundant Array of Independent Disks (RAID) systems
- C. It stripes all database records
- D. It automates the Disaster Recovery Process (DRP)

Answer: A

Explanation:

Section: Security Operations

NEW QUESTION 824

- (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:

Access Control Model		Restrictions
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
Role Based Access Control (RBAC)	Role Based Access Control (RBAC)	Dynamically assigns permissions to particular duties based on job function
Rule based access control	Rule based access control	Dynamically assigns roles to subjects based on criteria assigned by a custodian

NEW QUESTION 825

- (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:

Role		Responsibility
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:

Role		Responsibility
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 828

- (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 829

- (Exam Topic 13)

Which of the following is the MOST challenging issue in apprehending cyber criminals?

- A. They often use sophisticated method to commit a crime.
- B. It is often hard to collect and maintain integrity of digital evidence.
- C. The crime is often committed from a different jurisdiction.
- D. There is often no physical evidence involved.

Answer: C

NEW QUESTION 830

- (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 833

- (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 834

- (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 838

- (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 confidentiality agreements are signed
- D. Employ strong access controls

Answer: D

NEW QUESTION 843

- (Exam Topic 13)

Which of the following mandates the amount and complexity of security controls applied to a security risk?

- A. Security vulnerabilities
- B. Risk tolerance
- C. Risk mitigation
- D. Security staff

Answer: C

NEW QUESTION 844

- (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 848

- (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 853

- (Exam Topic 13)

A security professional determines that a number of outsourcing contracts inherited from a previous merger do not adhere to the current security requirements. Which of the following BEST minimizes the risk of this happening again?

- A. Define additional security controls directly after the merger
- B. Include a procurement officer in the merger team
- C. Verify all contracts before a merger occurs
- D. Assign a compliancy officer to review the merger conditions

Answer: D

NEW QUESTION 857

- (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 858

- (Exam Topic 13)

What does a Synchronous (SYN) flood attack do?

- A. Forces Transmission Control Protocol /Internet Protocol (TCP/IP) connections into a reset state
- B. Establishes many new Transmission Control Protocol / Internet Protocol (TCP/IP) connections
- C. Empties the queue of pending Transmission Control Protocol /Internet Protocol (TCP/IP) requests
- D. Exceeds the limits for new Transmission Control Protocol /Internet Protocol (TCP/IP) connections

Answer: B

NEW QUESTION 860

- (Exam Topic 13)

Who has the PRIMARY responsibility to ensure that security objectives are aligned with organization goals?

- A. Senior management
- B. Information security department
- C. Audit committee
- D. All users

Answer: C

NEW QUESTION 864

- (Exam Topic 13)

An organization adopts a new firewall hardening standard. How can the security professional verify that the technical staff correct implemented the new standard?

- A. Perform a compliance review
- B. Perform a penetration test
- C. Train the technical staff
- D. Survey the technical staff

Answer:

B

Explanation:

Section: Security Operations

NEW QUESTION 868

- (Exam Topic 13)

A minimal implementation of endpoint security includes which of the following?

- A. Trusted platforms
- B. Host-based firewalls
- C. Token-based authentication
- D. Wireless Access Points (AP)

Answer: A

NEW QUESTION 872

- (Exam Topic 13)

An organization has discovered that users are visiting unauthorized websites using anonymous proxies. Which of the following is the BEST way to prevent future occurrences?

- A. Remove the anonymity from the proxy
- B. Analyze Internet Protocol (IP) traffic for proxy requests
- C. Disable the proxy server on the firewall
- D. Block the Internet Protocol (IP) address of known anonymous proxies

Answer: C

NEW QUESTION 874

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