

EC-Council

Exam Questions 712-50

EC-Council Certified CISO (CCISO)



NEW QUESTION 1

- (Exam Topic 6)

An organization has decided to develop an in-house BCM capability. The organization has determined it is best to follow a BCM standard published by the International Organization for Standardization (ISO).

The BEST ISO standard to follow that outlines the complete lifecycle of BCM is?

- A. ISO 22318 Supply Chain Continuity
- B. ISO 27031 BCM Readiness
- C. ISO 22301 BCM Requirements
- D. ISO 22317 BIA

Answer: C

Explanation:

Reference: <https://www.smartsheet.com/content/iso-22301-business-continuity-guide>

NEW QUESTION 2

- (Exam Topic 6)

Which level of data destruction applies logical techniques to sanitize data in all user-addressable storage locations?

- A. Purge
- B. Clear
- C. Mangle
- D. Destroy

Answer: B

Explanation:

Reference:

<https://it.brown.edu/computing-policies/electronic-equipment-disposition-policy/data-removal-recommendations>

NEW QUESTION 3

- (Exam Topic 6)

The primary responsibility for assigning entitlements to a network share lies with which role?

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

Answer: B

Explanation:

Reference: <https://resources.infosecinstitute.com/certification/data-and-system-ownership/>

NEW QUESTION 4

- (Exam Topic 6)

A Security Operations Manager is finding it difficult to maintain adequate staff levels to monitor security operations during off-hours. To reduce the impact of staff shortages and increase coverage during off-hours, the SecOps manager is considering outsourcing off-hour coverage.

What Security Operations Center (SOC) model does this BEST describe?

- A. Virtual SOC
- B. In-house SOC
- C. Security Network Operations Center (SNOC)
- D. Hybrid SOC

Answer: A

Explanation:

Reference:

<https://www.techtarget.com/searchsecurity/tip/Benefits-of-virtual-SOCs-Enterprise-run-vs-fully-managed>

NEW QUESTION 5

- (Exam Topic 6)

During a cyber incident, which non-security personnel might be needed to assist the security team?

- A. Threat analyst, IT auditor, forensic analyst
- B. Network engineer, help desk technician, system administrator
- C. CIO, CFO, CSO
- D. Financial analyst, payroll clerk, HR manager

Answer: A

NEW QUESTION 6

- (Exam Topic 6)

Optical biometric recognition such as retina scanning provides access to facilities through reading the unique characteristics of a person's eye. However, authorization failures can occur with individuals who have?

- A. Glaucoma or cataracts
- B. Two different colored eyes (heterochromia iridium)
- C. Contact lens
- D. Malaria

Answer: A

NEW QUESTION 7

- (Exam Topic 6)

When obtaining new products and services, why is it essential to collaborate with lawyers, IT security professionals, privacy professionals, security engineers, suppliers, and others?

- A. This makes sure the files you exchange aren't unnecessarily flagged by the Data Loss Prevention (DLP) system
- B. Contracting rules typically require you to have conversations with two or more groups
- C. Discussing decisions with a very large group of people always provides a better outcome
- D. It helps to avoid regulatory or internal compliance issues

Answer: D

Explanation:

Reference:

<https://www.eccouncil.org/wp-content/uploads/2016/07/NICE-2.0-and-EC-Council-Cert-Mapping.pdf>

NEW QUESTION 8

- (Exam Topic 6)

What organizational structure combines the functional and project structures to create a hybrid of the two?

- A. Traditional
- B. Composite
- C. Project
- D. Matrix

Answer: D

Explanation:

Reference: <https://www.knowledgehut.com/tutorials/project-management/organization-structures>

NEW QUESTION 9

- (Exam Topic 6)

What key technology can mitigate ransomware threats?

- A. Use immutable data storage
- B. Phishing exercises
- C. Application of multiple end point anti-malware solutions
- D. Blocking use of wireless networks

Answer: A

Explanation:

Reference:

<https://cloud.google.com/blog/products/identity-security/5-pillars-of-protection-to-prevent-ransomware-attacks>

NEW QUESTION 10

- (Exam Topic 6)

A bastion host should be placed:

- A. Inside the DMZ
- B. In-line with the data center firewall
- C. Beyond the outer perimeter firewall
- D. As the gatekeeper to the organization's honeynet

Answer: C

Explanation:

Reference: <https://www.skillset.com/questions/a-bastion-host-is-which-of-the-following>

NEW QUESTION 10

- (Exam Topic 2)

Creating a secondary authentication process for network access would be an example of?

- A. Nonlinearities in physical security performance metrics
- B. Defense in depth cost enumerated costs
- C. System hardening and patching requirements
- D. Anti-virus for mobile devices

Answer: A

NEW QUESTION 11

- (Exam Topic 2)

Which is the BEST solution to monitor, measure, and report changes to critical data in a system?

- A. Application logs
- B. File integrity monitoring
- C. SNMP traps
- D. Syslog

Answer: B

NEW QUESTION 16

- (Exam Topic 2)

When you develop your audit remediation plan what is the MOST important criteria?

- A. To remediate half of the findings before the next audit.
- B. To remediate all of the findings before the next audit.
- C. To validate that the cost of the remediation is less than the risk of the finding.
- D. To validate the remediation process with the auditor.

Answer: C

NEW QUESTION 17

- (Exam Topic 2)

How often should an environment be monitored for cyber threats, risks, and exposures?

- A. Weekly
- B. Monthly
- C. Quarterly
- D. Daily

Answer: D

NEW QUESTION 22

- (Exam Topic 2)

The effectiveness of social engineering penetration testing using phishing can be used as a Key Performance Indicator (KPI) for the effectiveness of an organization's

- A. Risk Management Program.
- B. Anti-Spam controls.
- C. Security Awareness Program.
- D. Identity and Access Management Program.

Answer: C

NEW QUESTION 27

- (Exam Topic 2)

The effectiveness of an audit is measured by?

- A. The number of actionable items in the recommendations
- B. How it exposes the risk tolerance of the company
- C. How the recommendations directly support the goals of the company
- D. The number of security controls the company has in use

Answer: C

NEW QUESTION 30

- (Exam Topic 2)

A recent audit has identified a few control exceptions and is recommending the implementation of technology and processes to address the finding. Which of the following is the MOST likely reason for the organization to reject the implementation of the recommended technology and processes?

- A. The auditors have not followed proper auditing processes
- B. The CIO of the organization disagrees with the finding
- C. The risk tolerance of the organization permits this risk
- D. The organization has purchased cyber insurance

Answer: C

NEW QUESTION 31

- (Exam Topic 2)

Control Objectives for Information and Related Technology (COBIT) is which of the following?

- A. An Information Security audit standard

- B. An audit guideline for certifying secure systems and controls
- C. A framework for Information Technology management and governance
- D. A set of international regulations for Information Technology governance

Answer: C

NEW QUESTION 34

- (Exam Topic 2)

Which of the following represents the BEST reason for an organization to use the Control Objectives for Information and Related Technology (COBIT) as an Information Technology (IT) framework?

- A. It allows executives to more effectively monitor IT implementation costs
- B. Implementation of it eases an organization's auditing and compliance burden
- C. Information Security (IS) procedures often require augmentation with other standards
- D. It provides for a consistent and repeatable staffing model for technology organizations

Answer: B

NEW QUESTION 37

- (Exam Topic 2)

To have accurate and effective information security policies how often should the CISO review the organization policies?

- A. Every 6 months
- B. Quarterly
- C. Before an audit
- D. At least once a year

Answer: D

NEW QUESTION 40

- (Exam Topic 1)

An organization has defined a set of standard security controls. This organization has also defined the circumstances and conditions in which they must be applied. What is the NEXT logical step in applying the controls in the organization?

- A. Determine the risk tolerance
- B. Perform an asset classification
- C. Create an architecture gap analysis
- D. Analyze existing controls on systems

Answer: B

NEW QUESTION 45

- (Exam Topic 1)

When managing the security architecture for your company you must consider:

- A. Security and IT Staff size
- B. Company Values
- C. Budget
- D. All of the above

Answer: D

NEW QUESTION 48

- (Exam Topic 1)

What two methods are used to assess risk impact?

- A. Cost and annual rate of expectance
- B. Subjective and Objective
- C. Qualitative and percent of loss realized
- D. Quantitative and qualitative

Answer: D

NEW QUESTION 49

- (Exam Topic 1)

Which of the following is a MAJOR consideration when an organization retains sensitive customer data and uses this data to better target the organization's products and services?

- A. Strong authentication technologies
- B. Financial reporting regulations
- C. Credit card compliance and regulations
- D. Local privacy laws

Answer: D

NEW QUESTION 51

- (Exam Topic 1)

One of the MAIN goals of a Business Continuity Plan is to

- A. Ensure all infrastructure and applications are available in the event of a disaster
- B. Allow all technical first-responders to understand their roles in the event of a disaster
- C. Provide step by step plans to recover business processes in the event of a disaster
- D. Assign responsibilities to the technical teams responsible for the recovery of all data.

Answer: C

NEW QUESTION 52

- (Exam Topic 1)

Within an organization's vulnerability management program, who has the responsibility to implement remediation actions?

- A. Security officer
- B. Data owner
- C. Vulnerability engineer
- D. System administrator

Answer: D

NEW QUESTION 56

- (Exam Topic 1)

According to the National Institute of Standards and Technology (NIST) SP 800-40, which of the following considerations are MOST important when creating a vulnerability management program?

- A. Susceptibility to attack, mitigation response time, and cost
- B. Attack vectors, controls cost, and investigation staffing needs
- C. Vulnerability exploitation, attack recovery, and mean time to repair
- D. Susceptibility to attack, expected duration of attack, and mitigation availability

Answer: A

NEW QUESTION 58

- (Exam Topic 1)

Which of the following is a weakness of an asset or group of assets that can be exploited by one or more threats?

- A. Threat
- B. Vulnerability
- C. Attack vector
- D. Exploitation

Answer: B

NEW QUESTION 63

- (Exam Topic 1)

Which of the following represents the HIGHEST negative impact resulting from an ineffective security governance program?

- A. Reduction of budget
- B. Decreased security awareness
- C. Improper use of information resources
- D. Fines for regulatory non-compliance

Answer: D

NEW QUESTION 66

- (Exam Topic 1)

What is the first thing that needs to be completed in order to create a security program for your organization?

- A. Risk assessment
- B. Security program budget
- C. Business continuity plan
- D. Compliance and regulatory analysis

Answer: A

NEW QUESTION 67

- (Exam Topic 1)

The alerting, monitoring and life-cycle management of security related events is typically handled by the

- A. security threat and vulnerability management process
- B. risk assessment process
- C. risk management process
- D. governance, risk, and compliance tools

Answer: A

NEW QUESTION 72

- (Exam Topic 1)

The PRIMARY objective of security awareness is to:

- A. Ensure that security policies are read.
- B. Encourage security-conscious employee behavior.
- C. Meet legal and regulatory requirements.
- D. Put employees on notice in case follow-up action for noncompliance is necessary

Answer: B

NEW QUESTION 77

- (Exam Topic 1)

Which of the following is MOST likely to be discretionary?

- A. Policies
- B. Procedures
- C. Guidelines
- D. Standards

Answer: C

NEW QUESTION 78

- (Exam Topic 1)

Risk is defined as:

- A. Threat times vulnerability divided by control
- B. Advisory plus capability plus vulnerability
- C. Asset loss times likelihood of event
- D. Quantitative plus qualitative impact

Answer: A

NEW QUESTION 83

- (Exam Topic 1)

The FIRST step in establishing a security governance program is to?

- A. Conduct a risk assessment.
- B. Obtain senior level sponsorship.
- C. Conduct a workshop for all end users.
- D. Prepare a security budget.

Answer: B

NEW QUESTION 86

- (Exam Topic 1)

A security manager regularly checks work areas after business hours for security violations; such as unsecured files or unattended computers with active sessions. This activity BEST demonstrates what part of a security program?

- A. Audit validation
- B. Physical control testing
- C. Compliance management
- D. Security awareness training

Answer: C

NEW QUESTION 87

- (Exam Topic 1)

According to ISO 27001, of the steps for establishing an Information Security Governance program listed below, which comes first?

- A. Identify threats, risks, impacts and vulnerabilities
- B. Decide how to manage risk
- C. Define the budget of the Information Security Management System
- D. Define Information Security Policy

Answer: D

NEW QUESTION 91

- (Exam Topic 1)

The exposure factor of a threat to your organization is defined by?

- A. Asset value times exposure factor
- B. Annual rate of occurrence
- C. Annual loss expectancy minus current cost of controls
- D. Percentage of loss experienced due to a realized threat event

Answer:

D

NEW QUESTION 94

- (Exam Topic 1)

Quantitative Risk Assessments have the following advantages over qualitative risk assessments:

- A. They are objective and can express risk / cost in real numbers
- B. They are subjective and can be completed more quickly
- C. They are objective and express risk / cost in approximates
- D. They are subjective and can express risk /cost in real numbers

Answer: A

NEW QUESTION 96

- (Exam Topic 1)

From an information security perspective, information that no longer supports the main purpose of the business should be:

- A. assessed by a business impact analysis.
- B. protected under the information classification policy.
- C. analyzed under the data ownership policy.
- D. analyzed under the retention policy

Answer: D

NEW QUESTION 98

- (Exam Topic 1)

The success of the Chief Information Security Officer is MOST dependent upon:

- A. favorable audit findings
- B. following the recommendations of consultants and contractors
- C. development of relationships with organization executives
- D. raising awareness of security issues with end users

Answer: C

NEW QUESTION 100

- (Exam Topic 1)

Which of the following has the GREATEST impact on the implementation of an information security governance model?

- A. Organizational budget
- B. Distance between physical locations
- C. Number of employees
- D. Complexity of organizational structure

Answer: D

NEW QUESTION 104

- (Exam Topic 1)

Ensuring that the actions of a set of people, applications and systems follow the organization's rules is BEST described as:

- A. Risk management
- B. Security management
- C. Mitigation management
- D. Compliance management

Answer: D

NEW QUESTION 107

- (Exam Topic 1)

When managing an Information Security Program, which of the following is of MOST importance in order to influence the culture of an organization?

- A. An independent Governance, Risk and Compliance organization
- B. Alignment of security goals with business goals
- C. Compliance with local privacy regulations
- D. Support from Legal and HR teams

Answer: B

NEW QUESTION 108

- (Exam Topic 1)

Which of the following provides an audit framework?

- A. Control Objectives for IT (COBIT)
- B. Payment Card Industry-Data Security Standard (PCI-DSS)
- C. International Organization Standard (ISO) 27002
- D. National Institute of Standards and Technology (NIST) SP 800-30

Answer: A

NEW QUESTION 111

- (Exam Topic 1)

Who in the organization determines access to information?

- A. Legal department
- B. Compliance officer
- C. Data Owner
- D. Information security officer

Answer: C

NEW QUESTION 113

- (Exam Topic 1)

In accordance with best practices and international standards, how often is security awareness training provided to employees of an organization?

- A. High risk environments 6 months, low risk environments 12 months
- B. Every 12 months
- C. Every 18 months
- D. Every six months

Answer: B

NEW QUESTION 115

- (Exam Topic 6)

You are the CISO for an investment banking firm. The firm is using artificial intelligence (AI) to assist in approving clients for loans.

Which control is MOST important to protect AI products?

- A. Hash datasets
- B. Sanitize datasets
- C. Delete datasets
- D. Encrypt datasets

Answer: D

NEW QUESTION 117

- (Exam Topic 6)

You have been hired as the Information System Security Officer (ISSO) for a US federal government agency. Your role is to ensure the security posture of the system is maintained. One of your tasks is to develop and maintain the system security plan (SSP) and supporting documentation.

Which of the following is NOT documented in the SSP?

- A. The controls in place to secure the system
- B. Name of the connected system
- C. The results of a third-party audits and recommendations
- D. Type of information used in the system

Answer: C

Explanation:

Reference:

[https://www.govinfo.gov/content/pkg/GOVPUB-C13-63e84ab7af43b36228f10e4f0b5f8c38/pdf/GOVPUB-C13- \(65\)](https://www.govinfo.gov/content/pkg/GOVPUB-C13-63e84ab7af43b36228f10e4f0b5f8c38/pdf/GOVPUB-C13- (65))

NEW QUESTION 118

- (Exam Topic 6)

To make sure that the actions of all employees, applications, and systems follow the organization's rules and regulations can BEST be described as which of the following?

- A. Compliance management
- B. Asset management
- C. Risk management
- D. Security management

Answer: D

Explanation:

Reference: <https://www.eccouncil.org/information-security-management/>

NEW QUESTION 120

- (Exam Topic 6)

Who should be involved in the development of an internal campaign to address email phishing?

- A. Business unit leaders, CIO, CEO
- B. Business Unite Leaders, CISO, CIO and CEO
- C. All employees
- D. CFO, CEO, CIO

Answer: B

NEW QUESTION 123

- (Exam Topic 5)

Scenario: As you begin to develop the program for your organization, you assess the corporate culture and determine that there is a pervasive opinion that the security program only slows things down and limits the performance of the “real workers.”

What must you do first in order to shift the prevailing opinion and reshape corporate culture to understand the value of information security to the organization?

- A. Cite compliance with laws, statutes, and regulations – explaining the financial implications for the company for non-compliance
- B. Understand the business and focus your efforts on enabling operations securely
- C. Draw from your experience and recount stories of how other companies have been compromised
- D. Cite corporate policy and insist on compliance with audit findings

Answer: B

NEW QUESTION 127

- (Exam Topic 6)

As the Risk Manager of an organization, you are task with managing vendor risk assessments. During the assessment, you identified that the vendor is engaged with high profiled clients, and bad publicity can jeopardize your own brand.

Which is the BEST type of risk that defines this event?

- A. Compliance Risk
- B. Reputation Risk
- C. Operational Risk
- D. Strategic Risk

Answer: B

NEW QUESTION 131

- (Exam Topic 5)

Using the Transport Layer Security (TLS) protocol enables a client in a network to be:

- A. Provided with a digital signature
- B. Assured of the server's identity
- C. Identified by a network
- D. Registered by the server

Answer: B

Explanation:

Reference: <https://ukdiss.com/examples/tls.php>

NEW QUESTION 133

- (Exam Topic 5)

What are the three stages of an identity and access management system?

- A. Authentication, Authorize, Validation
- B. Provision, Administration, Enforcement
- C. Administration, Validation, Protect
- D. Provision, Administration, Authentication

Answer: A

Explanation:

Reference: <https://digitalguardian.com/blog/what-identity-and-access-management-iam>

NEW QUESTION 135

- (Exam Topic 5)

A consultant is hired to do physical penetration testing at a large financial company. In the first day of his assessment, the consultant goes to the company's building dressed like an electrician and waits in the lobby for an employee to pass through the main access gate, then the consultant follows the employee behind to get into the restricted area. Which type of attack did the consultant perform?

- A. Shoulder surfing
- B. Tailgating
- C. Social engineering
- D. Mantrap

Answer: B

NEW QUESTION 139

- (Exam Topic 5)

What are the three hierarchically related aspects of strategic planning and in which order should they be done?

- A. 1) Information technology strategic planning, 2) Enterprise strategic planning, 3) Cybersecurity or information security strategic planning
- B. 1) Cybersecurity or information security strategic planning, 2) Enterprise strategic planning, 3) Information technology strategic planning
- C. 1) Enterprise strategic planning, 2) Information technology strategic planning, 3) Cybersecurity or information security strategic planning

D. 1) Enterprise strategic planning, 2) Cybersecurity or information security strategic planning, 3) Information technology strategic planning

Answer: D

NEW QUESTION 143

- (Exam Topic 5)

The rate of change in technology increases the importance of:

- A. Outsourcing the IT functions.
- B. Understanding user requirements.
- C. Hiring personnel with leading edge skills.
- D. Implementing and enforcing good processes.

Answer: D

NEW QUESTION 144

- (Exam Topic 5)

An organization has a number of Local Area Networks (LANs) linked to form a single Wide Area Network (WAN). Which of the following would BEST ensure network continuity?

- A. Third-party emergency repair contract
- B. Pre-built servers and routers
- C. Permanent alternative routing
- D. Full off-site backup of every server

Answer: C

NEW QUESTION 149

- (Exam Topic 5)

Scenario: You are the newly hired Chief Information Security Officer for a company that has not previously had a senior level security practitioner. The company lacks a defined security policy and framework for their Information Security Program. Your new boss, the Chief Financial Officer, has asked you to draft an outline of a security policy and recommend an industry/sector neutral information security control framework for implementation.

Which of the following industry / sector neutral information security control frameworks should you recommend for implementation?

- A. National Institute of Standards and Technology (NIST) Special Publication 800-53
- B. Payment Card Industry Digital Security Standard (PCI DSS)
- C. International Organization for Standardization – ISO 27001/2
- D. British Standard 7799 (BS7799)

Answer: C

NEW QUESTION 154

- (Exam Topic 5)

Human resource planning for security professionals in your organization is a:

- A. Simple and easy task because the threats are getting easier to find and correct.
- B. Training requirement that is met through once every year user training.
- C. Training requirement that is on-going and always changing.
- D. Not needed because automation and anti-virus software has eliminated the threats.

Answer: C

NEW QUESTION 158

- (Exam Topic 5)

During the last decade, what trend has caused the MOST serious issues in relation to physical security?

- A. Data is more portable due to the increased use of smartphones and tablets
- B. The move from centralized computing to decentralized computing
- C. Camera systems have become more economical and expanded in their use
- D. The internet of Things allows easy compromise of cloud-based systems

Answer: A

NEW QUESTION 162

- (Exam Topic 5)

Scenario: Most industries require compliance with multiple government regulations and/or industry standards to meet data protection and privacy mandates.

What is one proven method to account for common elements found within separate regulations and/or standards?

- A. Hire a GRC expert
- B. Use the Find function of your word processor
- C. Design your program to meet the strictest government standards
- D. Develop a crosswalk

Answer: D

NEW QUESTION 166

- (Exam Topic 5)

SCENARIO: A Chief Information Security Officer (CISO) recently had a third party conduct an audit of the security program. Internal policies and international standards were used as audit baselines. The audit report was presented to the CISO and a variety of high, medium and low rated gaps were identified. The CISO has validated audit findings, determined if compensating controls exist, and started initial remediation planning. Which of the following is the MOST logical next step?

- A. Validate the effectiveness of current controls
- B. Create detailed remediation funding and staffing plans
- C. Report the audit findings and remediation status to business stake holders
- D. Review security procedures to determine if they need modified according to findings

Answer: C

NEW QUESTION 168

- (Exam Topic 5)

Scenario: The new CISO was informed of all the Information Security projects that the section has in progress. Two projects are over a year behind schedule and way over budget.

Using the best business practices for project management, you determine that the project correctly aligns with the organization goals. What should be verified next?

- A. Scope
- B. Budget
- C. Resources
- D. Constraints

Answer: A

NEW QUESTION 173

- (Exam Topic 5)

John is the project manager for a large project in his organization. A new change request has been proposed that will affect several areas of the project. One area of the project change impact is on work that a vendor has already completed. The vendor is refusing to make the changes as they've already completed the project work they were contracted to do. What can John do in this instance?

- A. Refer the vendor to the Service Level Agreement (SLA) and insist that they make the changes.
- B. Review the Request for Proposal (RFP) for guidance.
- C. Withhold the vendor's payments until the issue is resolved.
- D. Refer to the contract agreement for direction.

Answer: D

NEW QUESTION 175

- (Exam Topic 5)

Scenario: You are the newly hired Chief Information Security Officer for a company that has not previously had a senior level security practitioner. The company lacks a defined security policy and framework for their Information Security Program. Your new boss, the Chief Financial Officer, has asked you to draft an outline of a security policy and recommend an industry/sector neutral information security control framework for implementation.

Your Corporate Information Security Policy should include which of the following?

- A. Information security theory
- B. Roles and responsibilities
- C. Incident response contacts
- D. Desktop configuration standards

Answer: B

NEW QUESTION 178

- (Exam Topic 5)

SCENARIO: A CISO has several two-factor authentication systems under review and selects the one that is most sufficient and least costly. The implementation project planning is completed and the teams are ready to implement the solution. The CISO then discovers that the product it is not as scalable as originally thought and will not fit the organization's needs.

What is the MOST logical course of action the CISO should take?

- A. Review the original solution set to determine if another system would fit the organization's risk appetite and budget regulatory compliance requirements
- B. Continue with the implementation and submit change requests to the vendor in order to ensure required functionality will be provided when needed
- C. Continue with the project until the scalability issue is validated by others, such as an auditor or third party assessor
- D. Cancel the project if the business need was based on internal requirements versus regulatory compliance requirements

Answer: A

NEW QUESTION 181

- (Exam Topic 5)

Scenario: An organization has recently appointed a CISO. This is a new role in the organization and it signals the increasing need to address security consistently at the enterprise level. This new CISO, while confident with skills and experience, is constantly on the defensive and is unable to advance the IT security centric agenda.

The CISO has been able to implement a number of technical controls and is able to influence the Information Technology teams but has not been able to influence the rest of the organization. From an organizational perspective, which of the following is the LIKELY reason for this?

- A. The CISO does not report directly to the CEO of the organization
- B. The CISO reports to the IT organization

- C. The CISO has not implemented a policy management framework
- D. The CISO has not implemented a security awareness program

Answer: B

NEW QUESTION 184

- (Exam Topic 5)

Your company has limited resources to spend on security initiatives. The Chief Financial Officer asks you to prioritize the protection of information resources based on their value to the company. It is essential that you be able to communicate in language that your fellow executives will understand. You should:

- A. Create timelines for mitigation
- B. Develop a cost-benefit analysis
- C. Calculate annual loss expectancy
- D. Create a detailed technical executive summary

Answer: B

NEW QUESTION 189

- (Exam Topic 5)

When updating the security strategic planning document what two items must be included?

- A. Alignment with the business goals and the vision of the CIO
- B. The risk tolerance of the company and the company mission statement
- C. The executive summary and vision of the board of directors
- D. The alignment with the business goals and the risk tolerance

Answer: D

NEW QUESTION 192

- (Exam Topic 5)

Which of the following conditions would be the MOST probable reason for a security project to be rejected by the executive board of an organization?

- A. The Net Present Value (NPV) of the project is positive
- B. The NPV of the project is negative
- C. The Return on Investment (ROI) is larger than 10 months
- D. The ROI is lower than 10 months

Answer: B

NEW QUESTION 195

- (Exam Topic 5)

Scenario: An organization has recently appointed a CISO. This is a new role in the organization and it signals the increasing need to address security consistently at the enterprise level. This new CISO, while confident with skills and experience, is constantly on the defensive and is unable to advance the IT security centric agenda.

Which of the following is the reason the CISO has not been able to advance the security agenda in this organization?

- A. Lack of identification of technology stake holders
- B. Lack of business continuity process
- C. Lack of influence with leaders outside IT
- D. Lack of a security awareness program

Answer: C

NEW QUESTION 197

- (Exam Topic 5)

Scenario: Your program is developed around minimizing risk to information by focusing on people, technology, and operations.

You have decided to deal with risk to information from people first. How can you minimize risk to your most sensitive information before granting access?

- A. Conduct background checks on individuals before hiring them
- B. Develop an Information Security Awareness program
- C. Monitor employee browsing and surfing habits
- D. Set your firewall permissions aggressively and monitor logs regularly.

Answer: A

NEW QUESTION 201

- (Exam Topic 5)

The Annualized Loss Expectancy (Before) minus Annualized Loss Expectancy (After) minus Annual Safeguard Cost is the formula for determining:

- A. Safeguard Value
- B. Cost Benefit Analysis
- C. Single Loss Expectancy
- D. Life Cycle Loss Expectancy

Answer: B

NEW QUESTION 206

- (Exam Topic 5)

Which type of physical security control scan a person's external features through a digital video camera before granting access to a restricted area?

- A. Iris scan
- B. Retinal scan
- C. Facial recognition scan
- D. Signature kinetics scan

Answer: C

NEW QUESTION 207

- (Exam Topic 5)

Scenario: Your corporate systems have been under constant probing and attack from foreign IP addresses for more than a week. Your security team and security infrastructure have performed well under the stress. You are confident that your defenses have held up under the test, but rumors are spreading that sensitive customer data has been stolen and is now being sold on the Internet by criminal elements. During your investigation of the rumored compromise you discover that data has been breached and you have discovered the repository of stolen data on a server located in a foreign country. Your team now has full access to the data on the foreign server.

What action should you take FIRST?

- A. Destroy the repository of stolen data
- B. Contact your local law enforcement agency
- C. Consult with other C-Level executives to develop an action plan
- D. Contract with a credit reporting company for paid monitoring services for affected customers

Answer: C

NEW QUESTION 210

- (Exam Topic 5)

You are just hired as the new CISO and are being briefed on all the Information Security projects that your section has on going. You discover that most projects are behind schedule and over budget.

Using the best business practices for project management you determine that the project correct aligns with the company goals. What needs to be verified FIRST?

- A. Scope of the project
- B. Training of the personnel on the project
- C. Timeline of the project milestones
- D. Vendor for the project

Answer: A

NEW QUESTION 213

- (Exam Topic 5)

A system is designed to dynamically block offending Internet IP-addresses from requesting services from a secure website. This type of control is considered

- A. Zero-day attack mitigation
- B. Preventive detection control
- C. Corrective security control
- D. Dynamic blocking control

Answer: C

NEW QUESTION 214

- (Exam Topic 5)

Scenario: You are the CISO and have just completed your first risk assessment for your organization. You find many risks with no security controls, and some risks with inadequate controls. You assign work to your staff to create or adjust existing security controls to ensure they are adequate for risk mitigation needs.

When formulating the remediation plan, what is a required input?

- A. Board of directors
- B. Risk assessment
- C. Patching history
- D. Latest virus definitions file

Answer: B

NEW QUESTION 219

- (Exam Topic 5)

A CISO has implemented a risk management capability within the security portfolio. Which of the following terms best describes this functionality?

- A. Service
- B. Program
- C. Portfolio
- D. Cost center

Answer: B

NEW QUESTION 223

- (Exam Topic 5)

The process to evaluate the technical and non-technical security controls of an IT system to validate that a given design and implementation meet a specific set of security requirements is called

- A. Security certification
- B. Security system analysis
- C. Security accreditation
- D. Alignment with business practices and goals.

Answer: A

NEW QUESTION 227

- (Exam Topic 5)

SCENARIO: Critical servers show signs of erratic behavior within your organization's intranet. Initial information indicates the systems are under attack from an outside entity. As the Chief Information Security Officer (CISO), you decide to deploy the Incident Response Team (IRT) to determine the details of this incident and take action according to the information available to the team.

What phase of the response provides measures to reduce the likelihood of an incident from recurring?

- A. Response
- B. Investigation
- C. Recovery
- D. Follow-up

Answer: D

NEW QUESTION 231

- (Exam Topic 4)

Your penetration testing team installs an in-line hardware key logger onto one of your network machines. Which of the following is of major concern to the security organization?

- A. In-line hardware keyloggers don't require physical access
- B. In-line hardware keyloggers don't comply to industry regulations
- C. In-line hardware keyloggers are undetectable by software
- D. In-line hardware keyloggers are relatively inexpensive

Answer: C

NEW QUESTION 234

- (Exam Topic 4)

The process of identifying and classifying assets is typically included in the

- A. Threat analysis process
- B. Asset configuration management process
- C. Business Impact Analysis
- D. Disaster Recovery plan

Answer: B

NEW QUESTION 237

- (Exam Topic 4)

In terms of supporting a forensic investigation, it is now imperative that managers, first-responders, etc., accomplish the following actions to the computer under investigation:

- A. Secure the area and shut-down the computer until investigators arrive
- B. Secure the area and attempt to maintain power until investigators arrive
- C. Immediately place hard drive and other components in an anti-static bag
- D. Secure the area.

Answer: B

NEW QUESTION 238

- (Exam Topic 4)

Which of the following is the MAIN security concern for public cloud computing?

- A. Unable to control physical access to the servers
- B. Unable to track log on activity
- C. Unable to run anti-virus scans
- D. Unable to patch systems as needed

Answer: A

NEW QUESTION 242

- (Exam Topic 4)

The ability to hold intruders accountable in a court of law is important. Which of the following activities are needed to ensure the highest possibility for successful prosecution?

- A. Well established and defined digital forensics process

- B. Establishing Enterprise-owned Botnets for preemptive attacks
- C. Be able to retaliate under the framework of Active Defense
- D. Collaboration with law enforcement

Answer: A

NEW QUESTION 243

- (Exam Topic 4)

As a CISO you need to understand the steps that are used to perform an attack against a network. Put each step into the correct order.

- * 1.Covering tracks
- * 2.Scanning and enumeration
- * 3.Maintaining Access
- * 4.Reconnaissance
- * 5. Gaining Access

- A. 4, 2, 5, 3, 1
- B. 2, 5, 3, 1, 4
- C. 4, 5, 2, 3, 1
- D. 4, 3, 5, 2, 1

Answer: A

NEW QUESTION 244

- (Exam Topic 4)

Which wireless encryption technology makes use of temporal keys?

- A. Wireless Application Protocol (WAP)
- B. Wifi Protected Access version 2 (WPA2)
- C. Wireless Equivalence Protocol (WEP)
- D. Extensible Authentication Protocol (EAP)

Answer: B

NEW QUESTION 245

- (Exam Topic 3)

Which of the following will be MOST helpful for getting an Information Security project that is behind schedule back on schedule?

- A. Upper management support
- B. More frequent project milestone meetings
- C. More training of staff members
- D. Involve internal audit

Answer: A

NEW QUESTION 247

- (Exam Topic 3)

As the CISO for your company you are accountable for the protection of information resources commensurate with:

- A. Customer demand
- B. Cost and time to replace
- C. Insurability tables
- D. Risk of exposure

Answer: D

NEW QUESTION 249

- (Exam Topic 3)

When gathering security requirements for an automated business process improvement program, which of the following is MOST important?

- A. Type of data contained in the process/system
- B. Type of connection/protocol used to transfer the data
- C. Type of encryption required for the data once it is at rest
- D. Type of computer the data is processed on

Answer: A

NEW QUESTION 253

- (Exam Topic 3)

In effort to save your company money which of the following methods of training results in the lowest cost for the organization?

- A. Distance learning/Web seminars
- B. Formal Class
- C. One-One Training
- D. Self –Study (noncomputerized)

Answer: D

NEW QUESTION 254

- (Exam Topic 3)

A newly appointed security officer finds data leakage software licenses that had never been used. The officer decides to implement a project to ensure it gets installed, but the project gets a great deal of resistance across the organization. Which of the following represents the MOST likely reason for this situation?

- A. The software license expiration is probably out of synchronization with other software licenses
- B. The project was initiated without an effort to get support from impacted business units in the organization
- C. The software is out of date and does not provide for a scalable solution across the enterprise
- D. The security officer should allow time for the organization to get accustomed to her presence before initiating security projects

Answer: B

NEW QUESTION 257

- (Exam Topic 3)

Which of the following is considered one of the most frequent failures in project management?

- A. Overly restrictive management
- B. Excessive personnel on project
- C. Failure to meet project deadlines
- D. Insufficient resources

Answer: C

NEW QUESTION 261

- (Exam Topic 3)

A CISO implements smart cards for credential management, and as a result has reduced costs associated with help desk operations supporting password resets. This demonstrates which of the following principles?

- A. Security alignment to business goals
- B. Regulatory compliance effectiveness
- C. Increased security program presence
- D. Proper organizational policy enforcement

Answer: A

NEW QUESTION 265

- (Exam Topic 3)

Which of the following methodologies references the recommended industry standard that Information security project managers should follow?

- A. The Security Systems Development Life Cycle
- B. The Security Project And Management Methodology
- C. Project Management System Methodology
- D. Project Management Body of Knowledge

Answer: D

NEW QUESTION 267

- (Exam Topic 3)

Which of the following information may be found in table top exercises for incident response?

- A. Security budget augmentation
- B. Process improvements
- C. Real-time to remediate
- D. Security control selection

Answer: B

NEW QUESTION 272

- (Exam Topic 3)

When selecting a security solution with reoccurring maintenance costs after the first year, the CISO should: (choose the BEST answer)

- A. The CISO should cut other essential programs to ensure the new solution's continued use
- B. Communicate future operating costs to the CIO/CFO and seek commitment from them to ensure the new solution's continued use
- C. Defer selection until the market improves and cash flow is positive
- D. Implement the solution and ask for the increased operating cost budget when it is time

Answer: B

NEW QUESTION 275

- (Exam Topic 3)

Which of the following represents the BEST method of ensuring security program alignment to business needs?

- A. Create a comprehensive security awareness program and provide success metrics to business units
- B. Create security consortiums, such as strategic security planning groups, that include business unit participation
- C. Ensure security implementations include business unit testing and functional validation prior to production rollout
- D. Ensure the organization has strong executive-level security representation through clear sponsorship or the creation of a CISO role

Answer: B

NEW QUESTION 276

- (Exam Topic 3)

When operating under severe budget constraints a CISO will have to be creative to maintain a strong security organization. Which example below is the MOST creative way to maintain a strong security posture during these difficult times?

- A. Download open source security tools and deploy them on your production network
- B. Download trial versions of commercially available security tools and deploy on your production network
- C. Download open source security tools from a trusted site, test, and then deploy on production network
- D. Download security tools from a trusted source and deploy to production network

Answer: C

NEW QUESTION 277

- (Exam Topic 3)

How often should the SSAE16 report of your vendors be reviewed?

- A. Quarterly
- B. Semi-annually
- C. Annually
- D. Bi-annually

Answer: C

NEW QUESTION 279

- (Exam Topic 3)

Which business stakeholder is accountable for the integrity of a new information system?

- A. CISO
- B. Compliance Officer
- C. Project manager
- D. Board of directors

Answer: A

NEW QUESTION 280

- (Exam Topic 3)

You manage a newly created Security Operations Center (SOC), your team is being inundated with security alerts and don't know what to do. What is the BEST approach to handle this situation?

- A. Tell the team to do their best and respond to each alert
- B. Tune the sensors to help reduce false positives so the team can react better
- C. Request additional resources to handle the workload
- D. Tell the team to only respond to the critical and high alerts

Answer: B

NEW QUESTION 282

- (Exam Topic 3)

Which of the following functions evaluates patches used to close software vulnerabilities of new systems to assure compliance with policy when implementing an information security program?

- A. System testing
- B. Risk assessment
- C. Incident response
- D. Planning

Answer: A

NEW QUESTION 286

- (Exam Topic 3)

Information Security is often considered an excessive, after-the-fact cost when a project or initiative is completed. What can be done to ensure that security is addressed cost effectively?

- A. User awareness training for all employees
- B. Installation of new firewalls and intrusion detection systems
- C. Launch an internal awareness campaign
- D. Integrate security requirements into project inception

Answer: D

NEW QUESTION 289

- (Exam Topic 3)

When managing the critical path of an IT security project, which of the following is MOST important?

- A. Knowing who all the stakeholders are.
- B. Knowing the people on the data center team.
- C. Knowing the threats to the organization.
- D. Knowing the milestones and timelines of deliverables.

Answer: D

NEW QUESTION 292

- (Exam Topic 3)

When entering into a third party vendor agreement for security services, at what point in the process is it BEST to understand and validate the security posture and compliance level of the vendor?

- A. At the time the security services are being performed and the vendor needs access to the network
- B. Once the agreement has been signed and the security vendor states that they will need access to the network
- C. Once the vendor is on premise and before they perform security services
- D. Prior to signing the agreement and before any security services are being performed

Answer: D

NEW QUESTION 296

- (Exam Topic 2)

Which of the following activities must be completed BEFORE you can calculate risk?

- A. Determining the likelihood that vulnerable systems will be attacked by specific threats
- B. Calculating the risks to which assets are exposed in their current setting
- C. Assigning a value to each information asset
- D. Assessing the relative risk facing the organization's information assets

Answer: C

NEW QUESTION 298

- (Exam Topic 2)

Dataflow diagrams are used by IT auditors to:

- A. Order data hierarchically.
- B. Highlight high-level data definitions.
- C. Graphically summarize data paths and storage processes.
- D. Portray step-by-step details of data generation.

Answer: C

NEW QUESTION 303

- (Exam Topic 2)

Providing oversight of a comprehensive information security program for the entire organization is the primary responsibility of which group under the InfoSec governance framework?

- A. Senior Executives
- B. Office of the Auditor
- C. Office of the General Counsel
- D. All employees and users

Answer: A

NEW QUESTION 308

- (Exam Topic 2)

At which point should the identity access management team be notified of the termination of an employee?

- A. At the end of the day once the employee is off site
- B. During the monthly review cycle
- C. Immediately so the employee account(s) can be disabled
- D. Before an audit

Answer: C

NEW QUESTION 310

- (Exam Topic 2)

As the new CISO at the company you are reviewing the audit reporting process and notice that it includes only detailed technical diagrams. What else should be in the reporting process?

- A. Executive summary
- B. Penetration test agreement
- C. Names and phone numbers of those who conducted the audit
- D. Business charter

Answer: A

NEW QUESTION 312

- (Exam Topic 2)

IT control objectives are useful to IT auditors as they provide the basis for understanding the:

- A. Desired results or purpose of implementing specific control procedures.
- B. The audit control checklist.
- C. Techniques for securing information.
- D. Security policy

Answer: A

NEW QUESTION 314

- (Exam Topic 2)

With respect to the audit management process, management response serves what function?

- A. placing underperforming units on notice for failing to meet standards
- B. determining whether or not resources will be allocated to remediate a finding
- C. adding controls to ensure that proper oversight is achieved by management
- D. revealing the “root cause” of the process failure and mitigating for all internal and external units

Answer: B

NEW QUESTION 315

- (Exam Topic 2)

During the course of a risk analysis your IT auditor identified threats and potential impacts. Next, your IT auditor should:

- A. Identify and evaluate the existing controls.
- B. Disclose the threats and impacts to management.
- C. Identify information assets and the underlying systems.
- D. Identify and assess the risk assessment process used by management.

Answer: A

NEW QUESTION 317

- (Exam Topic 2)

The regular review of a firewall ruleset is considered a

- A. Procedural control
- B. Organization control
- C. Technical control
- D. Management control

Answer: A

NEW QUESTION 319

- (Exam Topic 2)

As a new CISO at a large healthcare company you are told that everyone has to badge in to get in the building. Below your office window you notice a door that is normally propped open during the day for groups of people to take breaks outside. Upon looking closer you see there is no badge reader. What should you do?

- A. Nothing, this falls outside your area of influence.
- B. Close and chain the door shut and send a company-wide memo banning the practice.
- C. Have a risk assessment performed.
- D. Post a guard at the door to maintain physical security

Answer: C

NEW QUESTION 322

- (Exam Topic 2)

Which of the following activities results in change requests?

- A. Preventive actions
- B. Inspection
- C. Defect repair
- D. Corrective actions

Answer: C

NEW QUESTION 324

- (Exam Topic 2)

The amount of risk an organization is willing to accept in pursuit of its mission is known as

- A. Risk mitigation
- B. Risk transfer
- C. Risk tolerance
- D. Risk acceptance

Answer:

C

NEW QUESTION 328

- (Exam Topic 2)

Which of the following is the MOST important goal of risk management?

- A. Identifying the risk
- B. Finding economic balance between the impact of the risk and the cost of the control
- C. Identifying the victim of any potential exploits.
- D. Assessing the impact of potential threats

Answer: B

NEW QUESTION 332

- (Exam Topic 2)

Which of the following illustrates an operational control process:

- A. Classifying an information system as part of a risk assessment
- B. Installing an appropriate fire suppression system in the data center
- C. Conducting an audit of the configuration management process
- D. Establishing procurement standards for cloud vendors

Answer: B

NEW QUESTION 335

- (Exam Topic 2)

The BEST organization to provide a comprehensive, independent and certifiable perspective on established security controls in an environment is

- A. Penetration testers
- B. External Audit
- C. Internal Audit
- D. Forensic experts

Answer: B

NEW QUESTION 339

- (Exam Topic 2)

A new CISO just started with a company and on the CISO's desk is the last complete Information Security Management audit report. The audit report is over two years old. After reading it, what should be the CISO's FIRST priority?

- A. Have internal audit conduct another audit to see what has changed.
- B. Contract with an external audit company to conduct an unbiased audit
- C. Review the recommendations and follow up to see if audit implemented the changes
- D. Meet with audit team to determine a timeline for corrections

Answer: C

NEW QUESTION 341

- (Exam Topic 2)

Which represents PROPER separation of duties in the corporate environment?

- A. Information Security and Identity Access Management teams perform two distinct functions
- B. Developers and Network teams both have admin rights on servers
- C. Finance has access to Human Resources data
- D. Information Security and Network teams perform two distinct functions

Answer: D

NEW QUESTION 344

- (Exam Topic 2)

Your IT auditor is reviewing significant events from the previous year and has identified some procedural oversights. Which of the following would be the MOST concerning?

- A. Lack of notification to the public of disclosure of confidential information.
- B. Lack of periodic examination of access rights
- C. Failure to notify police of an attempted intrusion
- D. Lack of reporting of a successful denial of service attack on the network.

Answer: A

NEW QUESTION 345

- (Exam Topic 2)

Which of the following is the MOST effective way to measure the effectiveness of security controls on a perimeter network?

- A. Perform a vulnerability scan of the network
- B. External penetration testing by a qualified third party

- C. Internal Firewall ruleset reviews
- D. Implement network intrusion prevention systems

Answer: B

NEW QUESTION 350

- (Exam Topic 2)

An IT auditor has recently discovered that because of a shortage of skilled operations personnel, the security administrator has agreed to work one late night shift a week as the senior computer operator. The most appropriate course of action for the IT auditor is to:

- A. Inform senior management of the risk involved.
- B. Agree to work with the security officer on these shifts as a form of preventative control.
- C. Develop a computer assisted audit technique to detect instances of abuses of the arrangement.
- D. Review the system log for each of the late night shifts to determine whether any irregular actions occurred.

Answer: A

NEW QUESTION 355

- (Exam Topic 2)

The patching and monitoring of systems on a consistent schedule is required by?

- A. Local privacy laws
- B. Industry best practices
- C. Risk Management frameworks
- D. Audit best practices

Answer: C

NEW QUESTION 359

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