

# EC-Council

## Exam Questions 712-50

EC-Council Certified CISO (CCISO)



#### NEW QUESTION 1

- (Topic 1)

You have implemented a new security control. Which of the following risk strategy options have you engaged in?

- A. Risk Avoidance
- B. Risk Acceptance
- C. Risk Transfer
- D. Risk Mitigation

**Answer: D**

#### NEW QUESTION 2

- (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 3

- (Topic 1)

Payment Card Industry (PCI) compliance requirements are based on what criteria?

- A. The types of cardholder data retained
- B. The duration card holder data is retained
- C. The size of the organization processing credit card data
- D. The number of transactions performed per year by an organization

**Answer: D**

#### NEW QUESTION 4

- (Topic 1)

What role should the CISO play in properly scoping a PCI environment?

- A. Validate the business units' suggestions as to what should be included in the scoping process
- B. Work with a Qualified Security Assessor (QSA) to determine the scope of the PCI environment
- C. Ensure internal scope validation is completed and that an assessment has been done to discover all credit card data
- D. Complete the self-assessment questionnaire and work with an Approved Scanning Vendor (ASV) to determine scope

**Answer: :C**

#### NEW QUESTION 5

- (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 6

- (Topic 1)

When would it be more desirable to develop a set of decentralized security policies and procedures within an enterprise environment?

- A. When there is a need to develop a more unified incident response capability.
- B. When the enterprise is made up of many business units with diverse business activities, risks profiles and regulatory requirements.
- C. When there is a variety of technologies deployed in the infrastructure.
- D. When it results in an overall lower cost of operating the security program.

**Answer: B**

#### NEW QUESTION 7

- (Topic 1)

What is a difference from the list below between quantitative and qualitative Risk Assessment?

- A. Quantitative risk assessments result in an exact number (in monetary terms)
- B. Qualitative risk assessments result in a quantitative assessment (high, medium, low, red, yellow, green)
- C. Qualitative risk assessments map to business objectives
- D. Quantitative risk assessments result in a quantitative assessment (high, medium, low, red, yellow, green)

Answer: A

**NEW QUESTION 8**

- (Topic 1)

Which of the following is the MOST important for a CISO to understand when identifying threats?

- A. How vulnerabilities can potentially be exploited in systems that impact the organization
- B. How the security operations team will behave to reported incidents
- C. How the firewall and other security devices are configured to prevent attacks
- D. How the incident management team prepares to handle an attack

Answer: A

**NEW QUESTION 9**

- (Topic 1)

The Information Security Governance program MUST:

- A. integrate with other organizational governance processes
- B. support user choice for Bring Your Own Device (BYOD)
- C. integrate with other organizational governance processes
- D. show a return on investment for the organization

Answer: A

**NEW QUESTION 10**

- (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 10**

- (Topic 1)

Risk appetite directly affects what part of a vulnerability management program?

- A. Staff
- B. Scope
- C. Schedule
- D. Scan tools

Answer: B

**NEW QUESTION 11**

- (Topic 1)

When briefing senior management on the creation of a governance process, the MOST important aspect should be:

- A. information security metrics.
- B. knowledge required to analyze each issue.
- C. baseline against which metrics are evaluated.
- D. linkage to business area objectives.

Answer: D

**NEW QUESTION 12**

- (Topic 1)

The purpose of NIST SP 800-53 as part of the NIST System Certification and Accreditation Project is to establish a set of standardized, minimum security controls for IT systems addressing low, moderate, and high levels of concern for

- A. Confidentiality, Integrity and Availability
- B. Assurance, Compliance and Availability
- C. International Compliance
- D. Integrity and Availability

Answer: A

**NEW QUESTION 16**

- (Topic 1)

What is the MAIN reason for conflicts between Information Technology and Information Security programs?

- A. Technology governance defines technology policies and standards while security governance does not.

- B. Security governance defines technology best practices and Information Technology governance does not.
- C. Technology Governance is focused on process risks whereas Security Governance is focused on business risk.
- D. The effective implementation of security controls can be viewed as an inhibitor to rapid Information Technology implementations.

**Answer: D**

**NEW QUESTION 19**

- (Topic 1)

What is the main purpose of the Incident Response Team?

- A. Ensure efficient recovery and reinstate repaired systems
- B. Create effective policies detailing program activities
- C. Communicate details of information security incidents
- D. Provide current employee awareness programs

**Answer: A**

**NEW QUESTION 23**

- (Topic 1)

The Information Security Management program MUST protect:

- A. all organizational assets
- B. critical business processes and /or revenue streams
- C. intellectual property released into the public domain
- D. against distributed denial of service attacks

**Answer: B**

**NEW QUESTION 27**

- (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 31**

- (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 33**

- (Topic 1)

Which of the following is of MOST importance when security leaders of an organization are required to align security to influence the culture of an organization?

- A. Poses a strong technical background
- B. Understand all regulations affecting the organization
- C. Understand the business goals of the organization
- D. Poses a strong auditing background

**Answer: C**

**NEW QUESTION 35**

- (Topic 1)

Risk that remains after risk mitigation is known as

- A. Persistent risk
- B. Residual risk
- C. Accepted risk
- D. Non-tolerated risk

**Answer: B**

**NEW QUESTION 40**

- (Topic 1)

Which of the following international standards can be BEST used to define a Risk Management process in an organization?

- A. National Institute for Standards and Technology 800-50 (NIST 800-50)
- B. International Organization for Standardizations – 27005 (ISO-27005)
- C. Payment Card Industry Data Security Standards (PCI-DSS)
- D. International Organization for Standardizations – 27004 (ISO-27004)

**Answer: B**

**NEW QUESTION 42**

- (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 45**

- (Topic 2)

Which of the following tests is an IS auditor performing when a sample of programs is selected to determine if the source and object versions are the same?

- A. A substantive test of program library controls
- B. A compliance test of program library controls
- C. A compliance test of the program compiler controls
- D. A substantive test of the program compiler controls

**Answer: B**

**NEW QUESTION 50**

- (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 55**

- (Topic 2)

Which of the following is a benefit of a risk-based approach to audit planning?

- A. Resources are allocated to the areas of the highest concern
- B. Scheduling may be performed months in advance
- C. Budgets are more likely to be met by the IT audit staff
- D. Staff will be exposed to a variety of technologies

**Answer: A**

**NEW QUESTION 59**

- (Topic 2)

A missing/ineffective security control is identified. Which of the following should be the NEXT step?

- A. Perform an audit to measure the control formally
- B. Escalate the issue to the IT organization
- C. Perform a risk assessment to measure risk
- D. Establish Key Risk Indicators

**Answer: C**

**NEW QUESTION 62**

- (Topic 2)

Which of the following are necessary to formulate responses to external audit findings?

- A. Internal Audit, Management, and Technical Staff
- B. Internal Audit, Budget Authority, Management
- C. Technical Staff, Budget Authority, Management
- D. Technical Staff, Internal Audit, Budget Authority

**Answer: C**

**NEW QUESTION 64**

- (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 67**

- (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 71**

- (Topic 2)

You are the Chief Information Security Officer of a large, multinational bank and you suspect there is a flaw in a two factor authentication token management process. Which of the following represents your BEST course of action?

- A. Validate that security awareness program content includes information about the potential vulnerability
- B. Conduct a thorough risk assessment against the current implementation to determine system functions
- C. Determine program ownership to implement compensating controls
- D. Send a report to executive peers and business unit owners detailing your suspicions

**Answer: B**

#### **NEW QUESTION 75**

- (Topic 2)

Which of the following is a term related to risk management that represents the estimated frequency at which a threat is expected to transpire?

- A. Single Loss Expectancy (SLE)
- B. Exposure Factor (EF)
- C. Annualized Rate of Occurrence (ARO)
- D. Temporal Probability (TP)

**Answer: C**

#### **NEW QUESTION 78**

- (Topic 2)

Which of the following set of processes is considered to be one of the cornerstone cycles of the International Organization for Standardization (ISO) 27001 standard?

- A. Plan-Check-Do-Act
- B. Plan-Do-Check-Act
- C. Plan-Select-Implement-Evaluate
- D. SCORE (Security Consensus Operational Readiness Evaluation)

**Answer: B**

#### **NEW QUESTION 79**

- (Topic 2)

Assigning the role and responsibility of Information Assurance to a dedicated and independent security group is an example of:

- A. Detective Controls
- B. Proactive Controls
- C. Preemptive Controls
- D. Organizational Controls

**Answer: D**

#### **NEW QUESTION 81**

- (Topic 2)

You work as a project manager for TYU project. You are planning for risk mitigation. You need to quickly identify high-level risks that will need a more in-depth analysis. Which of the following activities will help you in this?

- A. Qualitative analysis
- B. Quantitative analysis
- C. Risk mitigation
- D. Estimate activity duration

Answer: A

**NEW QUESTION 85**

- (Topic 2)

The executive board has requested that the CISO of an organization define and Key Performance Indicators (KPI) to measure the effectiveness of the security awareness program provided to call center employees. Which of the following can be used as a KPI?

- A. Number of callers who report security issues.
- B. Number of callers who report a lack of customer service from the call center
- C. Number of successful social engineering attempts on the call center
- D. Number of callers who abandon the call before speaking with a representative

Answer: C

**NEW QUESTION 86**

- (Topic 2)

The CIO of an organization has decided to assign the responsibility of internal IT audit to the IT team. This is consider a bad practice MAINLY because

- A. The IT team is not familiar in IT audit practices
- B. This represents a bad implementation of the Least Privilege principle
- C. This represents a conflict of interest
- D. The IT team is not certified to perform audits

Answer: C

**NEW QUESTION 90**

- (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 95**

- (Topic 2)

An audit was conducted and many critical applications were found to have no disaster recovery plans in place. You conduct a Business Impact Analysis (BIA) to determine impact to the company for each application. What should be the NEXT step?

- A. Determine the annual loss expectancy (ALE)
- B. Create a crisis management plan
- C. Create technology recovery plans
- D. Build a secondary hot site

Answer: C

**NEW QUESTION 99**

- (Topic 2)

When working in the Payment Card Industry (PCI), how often should security logs be review to comply with the standards?

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

Answer: A

**NEW QUESTION 102**

- (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 105**

- (Topic 2)

Step-by-step procedures to regain normalcy in the event of a major earthquake is PRIMARILY covered by which of the following plans?

- A. Incident response plan
- B. Business Continuity plan
- C. Disaster recovery plan
- D. Damage control plan

**Answer:** :C

**NEW QUESTION 110**

- (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 113**

- (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 114**

- (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 119**

- (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 120**

- (Topic 2)

Which of the following is a fundamental component of an audit record?

- A. Date and time of the event
- B. Failure of the event
- C. Originating IP-Address
- D. Authentication type

**Answer:** A

**NEW QUESTION 125**

- (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 130**

- (Topic 2)

The implementation of anti-malware and anti-phishing controls on centralized email servers is an example of what type of security control?

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

**Answer: D**

#### NEW QUESTION 133

- (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 134

- (Topic 2)

The MOST common method to get an unbiased measurement of the effectiveness of an Information Security Management System (ISMS) is to

- A. assign the responsibility to the information security team.
- B. assign the responsibility to the team responsible for the management of the controls.
- C. create operational reports on the effectiveness of the controls.
- D. perform an independent audit of the security controls.

**Answer: D**

#### NEW QUESTION 136

- (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 139

- (Topic 3)

An organization has a stated requirement to block certain traffic on networks. The implementation of controls will disrupt a manufacturing process and cause unacceptable delays, resulting in severe revenue disruptions. Which of the following is MOST likely to be responsible for accepting the risk until mitigating controls can be implemented?

- A. The CISO
- B. Audit and Compliance
- C. The CFO
- D. The business owner

**Answer: D**

#### NEW QUESTION 142

- (Topic 3)

A department within your company has proposed a third party vendor solution to address an urgent, critical business need. As the CISO you have been asked to accelerate screening of their security control claims. Which of the following vendor provided documents is BEST to make your decision:

- A. Vendor's client list of reputable organizations currently using their solution
- B. Vendor provided attestation of the detailed security controls from a reputable accounting firm
- C. Vendor provided reference from an existing reputable client detailing their implementation
- D. Vendor provided internal risk assessment and security control documentation

**Answer: B**

#### NEW QUESTION 143

- (Topic 3)

A CISO decides to analyze the IT infrastructure to ensure security solutions adhere to the concepts of how hardware and software is implemented and managed within the organization. Which of the following principles does this best demonstrate?

- A. Alignment with the business
- B. Effective use of existing technologies
- C. Leveraging existing implementations
- D. Proper budget management

Answer: A

**NEW QUESTION 148**

- (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 151**

- (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 153**

- (Topic 3)

The company decides to release the application without remediating the high-risk vulnerabilities. Which of the following is the MOST likely reason for the company to release the application?

- A. The company lacks a risk management process
- B. The company does not believe the security vulnerabilities to be real
- C. The company has a high risk tolerance
- D. The company lacks the tools to perform a vulnerability assessment

Answer: C

**NEW QUESTION 156**

- (Topic 3)

This occurs when the quantity or quality of project deliverables is expanded from the original project plan.

- A. Scope creep
- B. Deadline extension
- C. Scope modification
- D. Deliverable expansion

Answer: A

**NEW QUESTION 160**

- (Topic 3)

When considering using a vendor to help support your security devices remotely, what is the BEST choice for allowing access?

- A. Vendors uses their own laptop and logins with same admin credentials your security team uses
- B. Vendor uses a company supplied laptop and logins using two factor authentication with same admin credentials your security team uses
- C. Vendor uses a company supplied laptop and logins using two factor authentication with their own unique credentials
- D. Vendor uses their own laptop and logins using two factor authentication with their own unique credentials

Answer: C

**NEW QUESTION 162**

- (Topic 3)

Risk appetite is typically determined by which of the following organizational functions?

- A. Security
- B. Business units
- C. Board of Directors
- D. Audit and compliance

Answer: B

**NEW QUESTION 163**

- (Topic 3)

Acme Inc. has engaged a third party vendor to provide 99.999% up-time for their online web presence and had them contractually agree to this service level agreement. What type of risk tolerance is Acme exhibiting? (choose the BEST answer):

- A. low risk-tolerance

- B. high risk-tolerance
- C. moderate risk-tolerance
- D. medium-high risk-tolerance

**Answer:** A

**NEW QUESTION 165**

- (Topic 3)

Which of the following is MOST beneficial in determining an appropriate balance between uncontrolled innovation and excessive caution in an organization?

- A. Define the risk appetite
- B. Determine budget constraints
- C. Review project charters
- D. Collaborate security projects

**Answer:** A

**NEW QUESTION 166**

- (Topic 3)

Which of the following can the company implement in order to avoid this type of security issue in the future?

- A. Network based intrusion detection systems
- B. A security training program for developers
- C. A risk management process
- D. A audit management process

**Answer:** B

**NEW QUESTION 170**

- (Topic 3)

When is an application security development project complete?

- A. When the application is retired.
- B. When the application turned over to production.
- C. When the application reaches the maintenance phase.
- D. After one year.

**Answer:** A

**NEW QUESTION 174**

- (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 177**

- (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 179**

- (Topic 3)

Which of the following functions evaluates risk present in IT initiatives and/or systems when implementing an information security program?

- A. Risk Management
- B. Risk Assessment
- C. System Testing
- D. Vulnerability Assessment

**Answer:** B

**NEW QUESTION 184**

- (Topic 3)

Which of the following is critical in creating a security program aligned with an organization's goals?

- A. Ensure security budgets enable technical acquisition and resource allocation based on internal compliance requirements
- B. Develop a culture in which users, managers and IT professionals all make good decisions about information risk
- C. Provide clear communication of security program support requirements and audit schedules
- D. Create security awareness programs that include clear definition of security program goals and charters

**Answer: B**

#### **NEW QUESTION 185**

- (Topic 3)

Which of the following represents the BEST method for obtaining business unit acceptance of security controls within an organization?

- A. Allow the business units to decide which controls apply to their systems, such as the encryption of sensitive data
- B. Create separate controls for the business units based on the types of business and functions they perform
- C. Ensure business units are involved in the creation of controls and defining conditions under which they must be applied
- D. Provide the business units with control mandates and schedules of audits for compliance validation

**Answer: C**

#### **NEW QUESTION 186**

- (Topic 4)

You are having a penetration test done on your company network and the leader of the team says they discovered all the network devices because no one had changed the Simple Network Management Protocol (SNMP) community strings from the defaults. Which of the following is a default community string?

- A. Execute
- B. Read
- C. Administrator
- D. Public

**Answer: D**

#### **NEW QUESTION 188**

- (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 193**

- (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 197**

- (Topic 4)

While designing a secondary data center for your company what document needs to be analyzed to determine to how much should be spent on building the data center?

- A. Enterprise Risk Assessment
- B. Disaster recovery strategic plan
- C. Business continuity plan
- D. Application mapping document

**Answer: B**

#### **NEW QUESTION 198**

- (Topic 4)

SQL injection is a very popular and successful injection attack method. Identify the basic SQL injection text:

- A. Mastered
- B. Not Mastered

**Answer: A**

**NEW QUESTION 200**

- (Topic 4)

What is the term describing the act of inspecting all real-time Internet traffic (i.e., packets) traversing a major Internet backbone without introducing any apparent latency?

- A. Traffic Analysis
- B. Deep-Packet inspection
- C. Packet sampling
- D. Heuristic analysis

**Answer: B**

**NEW QUESTION 201**

- (Topic 4)

The process for identifying, collecting, and producing digital information in support of legal proceedings is called

- A. chain of custody.
- B. electronic discovery.
- C. evidence tampering.
- D. electronic review.

**Answer: B**

**NEW QUESTION 203**

- (Topic 4)

An access point (AP) is discovered using Wireless Equivalent Protocol (WEP). The ciphertext sent by the AP is encrypted with the same key and cipher used by its stations. What authentication method is being used?

- A. Shared key
- B. Asynchronous
- C. Open
- D. None

**Answer: A**

**NEW QUESTION 206**

- (Topic 5)

Scenario: Your company has many encrypted telecommunications links for their world-wide operations. Physically distributing symmetric keys to all locations has proven to be administratively burdensome, but symmetric keys are preferred to other alternatives. Symmetric encryption in general is preferable to asymmetric encryption when:

- A. The number of unique communication links is large
- B. The volume of data being transmitted is small
- C. The speed of the encryption / deciphering process is essential
- D. The distance to the end node is farthest away

**Answer: C**

**NEW QUESTION 207**

- (Topic 5)

The ability to demand the implementation and management of security controls on third parties providing services to an organization is

- A. Security Governance
- B. Compliance management
- C. Vendor management
- D. Disaster recovery

**Answer: C**

**NEW QUESTION 209**

- (Topic 5)

What is the primary reason for performing a return on investment analysis?

- A. To decide between multiple vendors
- B. To decide is the solution costs less than the risk it is mitigating
- C. To determine the current present value of a project
- D. To determine the annual rate of loss

**Answer: B**

**NEW QUESTION 214**

- (Topic 5)

Scenario: An organization has made a decision to address Information Security formally and consistently by adopting established best practices and industry standards. The organization is a small retail merchant but it is expected to grow to a global customer base of many millions of customers in just a few years. Which of the following would be the FIRST step when addressing Information Security formally and consistently in this organization?

- A. Contract a third party to perform a security risk assessment

- B. Define formal roles and responsibilities for Internal audit functions
- C. Define formal roles and responsibilities for Information Security
- D. Create an executive security steering committee

**Answer: C**

**NEW QUESTION 215**

- (Topic 5)

The newly appointed CISO of an organization is reviewing the IT security strategic plan. Which of the following is the MOST important component of the strategic plan?

- A. There is integration between IT security and business staffing.
- B. There is a clear definition of the IT security mission and vision.
- C. There is an auditing methodology in place.
- D. The plan requires return on investment for all security projects.

**Answer: B**

**NEW QUESTION 219**

- (Topic 5)

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

An effective way to evaluate the effectiveness of an information security awareness program for end users, especially senior executives, is to conduct periodic:

- A. Controlled spear phishing campaigns
- B. Password changes
- C. Baselineing of computer systems
- D. Scanning for viruses

**Answer: A**

**NEW QUESTION 223**

- (Topic 5)

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

When multiple regulations or standards apply to your industry you should set controls to meet the:

- A. Easiest regulation or standard to implement
- B. Stricter regulation or standard
- C. Most complex standard to implement
- D. Recommendations of your Legal Staff

**Answer: A**

**NEW QUESTION 225**

- (Topic 5)

Which of the following is considered the foundation for the Enterprise Information Security Architecture (EISA)?

- A. Security regulations
- B. Asset classification
- C. Information security policy
- D. Data classification

**Answer: C**

**NEW QUESTION 230**

- (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 233**

- (Topic 5)

When analyzing and forecasting an operating expense budget what are not included?

- A. Software and hardware license fees
- B. Utilities and power costs
- C. Network connectivity costs
- D. New datacenter to operate from

**Answer: D**

**NEW QUESTION 236**

- (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 240**

- (Topic 5)

The formal certification and accreditation process has four primary steps, what are they?

- A. Evaluating, describing, testing and authorizing
- B. Evaluating, purchasing, testing, authorizing
- C. Auditing, documenting, verifying, certifying
- D. Discovery, testing, authorizing, certifying

**Answer: A**

**NEW QUESTION 243**

- (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 246**

- (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 250**

- (Topic 5)

File Integrity Monitoring (FIM) is considered a

- A. Network based security preventative control
- B. Software segmentation control
- C. Security detective control
- D. User segmentation control

**Answer: C**

**NEW QUESTION 253**

- (Topic 5)

When dealing with risk, the information security practitioner may choose to:

- A. assign
- B. transfer
- C. acknowledge
- D. defer

**Answer: C**

**NEW QUESTION 254**

- (Topic 5)

Involvement of senior management is MOST important in the development of:

- A. IT security implementation plans.
- B. Standards and guidelines.
- C. IT security policies.
- D. IT security procedures.

**Answer: C**

**NEW QUESTION 256**

- (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 259**

- (Topic 5)

What are the primary reasons for the development of a business case for a security project?

- A. To estimate risk and negate liability to the company
- B. To understand the attack vectors and attack sources
- C. To communicate risk and forecast resource needs
- D. To forecast usage and cost per software licensing

**Answer: C**

**NEW QUESTION 263**

- (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 266**

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