

Exam Questions 712-50

EC-Council Certified CISO (CCISO)

<https://www.2passeasy.com/dumps/712-50/>



NEW QUESTION 1

- (Exam Topic 6)

What is the MOST critical output of the incident response process?

- A. A complete document of all involved team members and the support they provided
- B. Recovery of all data from affected systems
- C. Lessons learned from the incident, so they can be incorporated into the incident response processes
- D. Clearly defined documents detailing standard evidence collection and preservation processes

Answer: C

Explanation:

Reference: <https://www.eccouncil.org/incident-response-plan-phases/>

NEW QUESTION 2

- (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 3

- (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 4

- (Exam Topic 6)

The Board of Directors of a publicly-traded company is concerned about the security implications of a strategic project that will migrate 50% of the organization's information technology assets to the cloud. They have requested a briefing on the project plan and a progress report of the security stream of the project. As the CISO, you have been tasked with preparing the report for the Chief Executive Officer to present. Using the Earned Value Management (EVM), what does a Cost Variance (CV) of -1,200 mean?

- A. The project is over budget
- B. The project budget has reserves
- C. The project cost is in alignment with the budget
- D. The project is under budget

Answer: A

Explanation:

Reference:

<https://www.pmi.org/learning/library/earned-value-management-systems-analysis-8026#:~:text=The%20cost%2>

NEW QUESTION 5

- (Exam Topic 6)

A Security Operations (SecOps) Manager is considering implementing threat hunting to be able to make better decisions on protecting information and assets. What is the MAIN goal of threat hunting to the SecOps Manager?

- A. Improve discovery of valid detected events
- B. Enhance tuning of automated tools to detect and prevent attacks
- C. Replace existing threat detection strategies
- D. Validate patterns of behavior related to an attack

Answer: A

Explanation:

Reference:

<https://www.techtarget.com/searchsecurity/feature/7-SecOps-roles-and-responsibilities-for-the-modern-enterpris>

NEW QUESTION 6

- (Exam Topic 2)

When measuring the effectiveness of an Information Security Management System which one of the following would be MOST LIKELY used as a metric framework?

- A. ISO 27001
- B. PRINCE2
- C. ISO 27004
- D. ITILv3

Answer: C

NEW QUESTION 7

- (Exam Topic 2)

An employee successfully avoids becoming a victim of a sophisticated spear phishing attack due to knowledge gained through the corporate information security awareness program. What type of control has been effectively utilized?

- A. Management Control
- B. Technical Control
- C. Training Control
- D. Operational Control

Answer: D

NEW QUESTION 8

- (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 9

- (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 10

- (Exam Topic 1)

Which of the following is the MOST important benefit of an effective security governance process?

- A. Reduction of liability and overall risk to the organization
- B. Better vendor management
- C. Reduction of security breaches
- D. Senior management participation in the incident response process

Answer: A

NEW QUESTION 10

- (Exam Topic 1)

A business unit within your organization intends to deploy a new technology in a manner that places it in violation of existing information security standards. What immediate action should the information security manager take?

- A. Enforce the existing security standards and do not allow the deployment of the new technology.
- B. Amend the standard to permit the deployment.
- C. If the risks associated with that technology are not already identified, perform a risk analysis to quantify the risk, and allow the business unit to proceed based on the identified risk level.
- D. Permit a 90-day window to see if an issue occurs and then amend the standard if there are no issues.

Answer: C

NEW QUESTION 12

- (Exam Topic 1)

After a risk assessment is performed, a particular risk is considered to have the potential of costing the organization 1.2 Million USD. This is an example of

- A. Risk Tolerance
- B. Qualitative risk analysis
- C. Risk Appetite
- D. Quantitative risk analysis

Answer: D

NEW QUESTION 17

- (Exam 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 22

- (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 23

- (Exam 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 27

- (Exam Topic 1)

The PRIMARY objective for information security program development should be:

- A. Reducing the impact of the risk to the business.
- B. Establishing strategic alignment with business continuity requirements
- C. Establishing incident response programs.
- D. Identifying and implementing the best security solutions.

Answer: A

NEW QUESTION 28

- (Exam Topic 1)

You have recently drafted a revised information security policy. From whom should you seek endorsement in order to have the GREATEST chance for adoption and implementation throughout the entire organization?

- A. Chief Information Security Officer
- B. Chief Executive Officer
- C. Chief Information Officer
- D. Chief Legal Counsel

Answer: B

NEW QUESTION 29

- (Exam Topic 1)

Which of the following is MOST important when dealing with an Information Security Steering committee:

- A. Include a mix of members from different departments and staff levels.
- B. Ensure that security policies and procedures have been vetted and approved.
- C. Review all past audit and compliance reports.
- D. Be briefed about new trends and products at each meeting by a vendor.

Answer: C

NEW QUESTION 31

- (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 35

- (Exam Topic 1)

Which of the following most commonly falls within the scope of an information security governance steering committee?

- A. Approving access to critical financial systems
- B. Developing content for security awareness programs
- C. Interviewing candidates for information security specialist positions
- D. Vetting information security policies

Answer: D

NEW QUESTION 39

- (Exam Topic 1)

A Security Operations Centre (SOC) manager is informed that a database containing highly sensitive corporate strategy information is under attack. Information has been stolen and the database server was disconnected. Who must be informed of this incident?

- A. Internal audit
- B. The data owner
- C. All executive staff
- D. Government regulators

Answer: B

NEW QUESTION 44

- (Exam Topic 1)

What is the BEST way to achieve on-going compliance monitoring in an organization?

- A. Only check compliance right before the auditors are scheduled to arrive onsite.
- B. Outsource compliance to a 3rd party vendor and let them manage the program.
- C. Have Compliance and Information Security partner to correct issues as they arise.
- D. Have Compliance direct Information Security to fix issues after the auditors report.

Answer: C

NEW QUESTION 45

- (Exam Topic 1)

Who is responsible for securing networks during a security incident?

- A. Chief Information Security Officer (CISO)
- B. Security Operations Center (SO)
- C. Disaster Recovery (DR) manager
- D. Incident Response Team (IRT)

Answer: D

NEW QUESTION 47

- (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 50

- (Exam Topic 1)

You have a system with 2 identified risks. You determine the probability of one risk occurring is higher than the

- A. Controlled mitigation effort
- B. Risk impact comparison
- C. Relative likelihood of event
- D. Comparative threat analysis

Answer: C

NEW QUESTION 53

- (Exam 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 58

- (Exam 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 60

- (Exam Topic 1)

A global health insurance company is concerned about protecting confidential information. Which of the following is of MOST concern to this organization?

- A. Compliance to the Payment Card Industry (PCI) regulations.
- B. Alignment with financial reporting regulations for each country where they operate.
- C. Alignment with International Organization for Standardization (ISO) standards.
- D. Compliance with patient data protection regulations for each country where they operate.

Answer: D

NEW QUESTION 63

- (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 68

- (Exam Topic 1)

The single most important consideration to make when developing your security program, policies, and processes is:

- A. Budgeting for unforeseen data compromises
- B. Streamlining for efficiency
- C. Alignment with the business
- D. Establishing your authority as the Security Executive

Answer: C

NEW QUESTION 73

- (Exam Topic 1)

Which of the following is considered the MOST effective tool against social engineering?

- A. Anti-phishing tools
- B. Anti-malware tools
- C. Effective Security Vulnerability Management Program
- D. Effective Security awareness program

Answer: D

NEW QUESTION 76

- (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 80

- (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 84

- (Exam 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 89

- (Exam Topic 1)

If your organization operates under a model of "assumption of breach", you should:

- A. Protect all information resource assets equally
- B. Establish active firewall monitoring protocols
- C. Purchase insurance for your compliance liability
- D. Focus your security efforts on high value assets

Answer: C

NEW QUESTION 92

- (Exam Topic 1)

An organization is looking for a framework to measure the efficiency and effectiveness of their Information Security Management System. Which of the following international standards can BEST assist this organization?

- A. International Organization for Standardizations – 27004 (ISO-27004)
- B. Payment Card Industry Data Security Standards (PCI-DSS)
- C. Control Objectives for Information Technology (COBIT)
- D. International Organization for Standardizations – 27005 (ISO-27005)

Answer: A

NEW QUESTION 94

- (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 102

- (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 105

- (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 106

- (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 107

- (Exam Topic 6)

With a focus on the review and approval aspects of board responsibilities, the Data Governance Council recommends that the boards provide strategic oversight regarding information and information security, include these four things:

- A. Metrics tracking security milestones, understanding criticality of information and information security, visibility into the types of information and how it is used, endorsement by the board of directors
- B. Annual security training for all employees, continual budget reviews, endorsement of the development and implementation of a security program, metrics to track the program
- C. Understanding criticality of information and information security, review investment in information security, endorse development and implementation of a security program, and require regular reports on adequacy and effectiveness
- D. Endorsement by the board of directors for security program, metrics of security program milestones, annual budget review, report on integration and acceptance of program

Answer: C

Explanation:

Reference: https://nanopdf.com/download/information-security-governance-guidance-for-boards-of_pdf (9)

NEW QUESTION 108

- (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 112

- (Exam Topic 6)

A CISO must conduct risk assessments using a method where the Chief Financial Officer (CFO) receives impact data in financial terms to use as input to select the proper level of coverage in a new cybersecurity insurance policy.

What is the MOST effective method of risk analysis to provide the CFO with the information required?

- A. Conduct a quantitative risk assessment
- B. Conduct a hybrid risk assessment
- C. Conduct a subjective risk assessment
- D. Conduct a qualitative risk assessment

Answer: D

NEW QUESTION 113

- (Exam Topic 5)

Which of the following is a common technology for visual monitoring?

- A. Closed circuit television
- B. Open circuit television
- C. Blocked video
- D. Local video

Answer: A

Explanation:

Reference: <https://www.ifsecglobal.com/video-surveillance/role-cctv-cameras-public-privacy-protection/>

NEW QUESTION 116

- (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 121

- (Exam Topic 5)

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

- A. To decide between multiple vendors
- B. To decide if 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 125

- (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 adjusting the controls to mitigate the risks, how often should the CISO perform an audit to verify the controls?

- A. Annually
- B. Semi-annually
- C. Quarterly
- D. Never

Answer: D

NEW QUESTION 127

- (Exam Topic 5)

A digital signature addresses which of the following concerns?

- A. Message alteration
- B. Message copying
- C. Message theft
- D. Unauthorized reading

Answer: A

Explanation:

Reference: <https://www.entrust.com/resources/certificate-solutions/learn/digital-signatures>

NEW QUESTION 132

- (Exam Topic 5)

Which of the following is MOST useful when developing a business case for security initiatives?

- A. Budget forecasts
- B. Request for proposals
- C. Cost/benefit analysis
- D. Vendor management

Answer: C

NEW QUESTION 134

- (Exam Topic 5)

Which of the following provides an independent assessment of a vendor's internal security controls and overall posture?

- A. Alignment with business goals
- B. ISO27000 accreditation
- C. PCI attestation of compliance
- D. Financial statements

Answer: B

NEW QUESTION 137

- (Exam Topic 5)

As the CISO you need to write the IT security strategic plan. Which of the following is the MOST important to review before you start writing the plan?

- A. The existing IT environment.
- B. The company business plan.
- C. The present IT budget.
- D. Other corporate technology trends.

Answer: B

NEW QUESTION 139

- (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 140

- (Exam 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 143

- (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 144

- (Exam 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 146

- (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 149

- (Exam Topic 5)

A newly-hired CISO needs to understand the organization's financial management standards for business units and operations. Which of the following would be the best source of this information?

- A. The internal accounting department
- B. The Chief Financial Officer (CFO)
- C. The external financial audit service

D. The managers of the accounts payables and accounts receivables teams

Answer: D

NEW QUESTION 152

- (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.

During initial investigation, the team suspects criminal activity but cannot initially prove or disprove illegal actions. What is the MOST critical aspect of the team's activities?

- A. Regular communication of incident status to executives
- B. Eradication of malware and system restoration
- C. Determination of the attack source
- D. Preservation of information

Answer: D

NEW QUESTION 156

- (Exam 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 158

- (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 162

- (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 164

- (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 166

- (Exam Topic 5)

If the result of an NPV is positive, then the project should be selected. The net present value shows the present value of the project, based on the decisions taken for its selection. What is the net present value equal to?

- A. Net profit – per capita income
- B. Total investment – Discounted cash
- C. Average profit – Annual investment
- D. Initial investment – Future value

Answer: C

NEW QUESTION 169

- (Exam Topic 5)

Acceptable levels of information security risk tolerance in an organization should be determined by?

- A. Corporate legal counsel
- B. CISO with reference to the company goals
- C. CEO and board of director
- D. Corporate compliance committee

Answer: C

NEW QUESTION 170

- (Exam Topic 5)

When creating contractual agreements and procurement processes why should security requirements be included?

- A. To make sure they are added on after the process is completed
- B. To make sure the costs of security is included and understood
- C. To make sure the security process aligns with the vendor's security process
- D. To make sure the patching process is included with the costs

Answer: B

NEW QUESTION 172

- (Exam Topic 5)

Bob waits near a secured door, holding a box. He waits until an employee walks up to the secured door and uses the special card in order to access the restricted area of the target company. Just as the employee opens the door, Bob walks up to the employee (still holding the box) and asks the employee to hold the door open so that he can enter. What is the best way to undermine the social engineering activity of tailgating?

- A. Post a sign that states, "no tailgating" next to the special card reader adjacent to the secure door
- B. Issue special cards to access secure doors at the company and provide a one-time only brief description of use of the special card
- C. Educate and enforce physical security policies of the company to all the employees on a regular basis
- D. Setup a mock video camera next to the special card reader adjacent to the secure door

Answer: C

NEW QUESTION 173

- (Exam Topic 5)

What is meant by password aging?

- A. An expiration date set for passwords
- B. A Single Sign-On requirement
- C. Time in seconds a user is allocated to change a password
- D. The amount of time it takes for a password to activate

Answer: C

Explanation:

Reference: <https://medical-dictionary.thefreedictionary.com/password+ageing>

NEW QUESTION 176

- (Exam Topic 5)

Which of the following best describes revenue?

- A. Non-operating financial liabilities minus expenses
- B. The true profit-making potential of an organization
- C. The sum value of all assets and cash flow into the business
- D. The economic benefit derived by operating a business

Answer: D

Explanation:

Reference: <https://www.investopedia.com/terms/r/revenue.asp>

NEW QUESTION 181

- (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. Which of the following is the FIRST action the CISO will perform after receiving the audit report?

- A. Inform peer executives of the audit results
- B. Validate gaps and accept or dispute the audit findings
- C. Create remediation plans to address program gaps
- D. Determine if security policies and procedures are adequate

Answer: B

NEW QUESTION 183

- (Exam Topic 5)

If a Virtual Machine's (VM) data is being replicated and that data is corrupted, this corruption will automatically be replicated to the other machine(s). What would be the BEST control to safeguard data integrity?

- A. Backup to tape
- B. Maintain separate VM backups
- C. Backup to a remote location
- D. Increase VM replication frequency

Answer: B

Explanation:

Reference:

<https://www.isaca.org/resources/isaca-journal/issues/2018/volume-1/is-audit-basics-backup-andrecovery>

NEW QUESTION 188

- (Exam Topic 5)

Which regulation or policy governs protection of personally identifiable user data gathered during a cyber investigation?

- A. ITIL
- B. Privacy Act
- C. Sarbanes Oxley
- D. PCI-DSS

Answer: B

NEW QUESTION 192

- (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 correctly aligns with the company goals and the scope of the project is correct. What is the NEXT step?

- A. Review time schedules
- B. Verify budget
- C. Verify resources
- D. Verify constraints

Answer: C

NEW QUESTION 197

- (Exam Topic 5)

What is the difference between encryption and tokenization?

- A. Tokenization combined with hashing is always better than encryption
- B. Encryption can be mathematically reversed to provide the original information
- C. The token contains the all original information
- D. Tokenization can be mathematically reversed to provide the original information

Answer: B

Explanation:

Reference:

http://library.ahima.org/doc?oid=104090#.X_dwWolR3eQ

NEW QUESTION 198

- (Exam Topic 5)

Annual Loss Expectancy is derived from the function of which two factors?

- A. Annual Rate of Occurrence and Asset Value
- B. Single Loss Expectancy and Exposure Factor
- C. Safeguard Value and Annual Rate of Occurrence
- D. Annual Rate of Occurrence and Single Loss Expectancy

Answer: D

NEW QUESTION 202

- (Exam Topic 5)

Which of the following is the MOST logical method of deploying security controls within an organization?

- A. Obtain funding for all desired controls and then create project plans for implementation
- B. Apply the simpler controls as quickly as possible and use a risk-based approach for the more difficult and costly controls
- C. Apply the least costly controls to demonstrate positive program activity

D. Obtain business unit buy-in through close communication and coordination

Answer: B

NEW QUESTION 207

- (Exam Topic 5)

Michael starts a new job and discovers that he has unnecessary access to a variety of systems. Which of the following best describes the problem he has encountered?

- A. Rights collision
- B. Excessive privileges
- C. Privilege creep
- D. Least privileges

Answer: B

NEW QUESTION 210

- (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 214

- (Exam Topic 4)

Which of the following is a symmetric encryption algorithm?

- A. 3DES
- B. MD5
- C. ECC
- D. RSA

Answer: A

NEW QUESTION 216

- (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 220

- (Exam Topic 4)

Your organization provides open guest wireless access with no captive portals. What can you do to assist with law enforcement investigations if one of your guests is suspected of committing an illegal act using your network?

- A. Configure logging on each access point
- B. Install a firewall software on each wireless access point.
- C. Provide IP and MAC address
- D. Disable SSID Broadcast and enable MAC address filtering on all wireless access points.

Answer: C

NEW QUESTION 225

- (Exam Topic 4)

Which of the following is MOST important when tuning an Intrusion Detection System (IDS)?

- A. Trusted and untrusted networks
- B. Type of authentication
- C. Storage encryption
- D. Log retention

Answer: A

NEW QUESTION 229

- (Exam Topic 4)

What type of attack requires the least amount of technical equipment and has the highest success rate?

- A. War driving
- B. Operating system attacks
- C. Social engineering
- D. Shrink wrap attack

Answer: C

NEW QUESTION 234

- (Exam Topic 4)

Security related breaches are assessed and contained through which of the following?

- A. The IT support team.
- B. A forensic analysis.
- C. Incident response
- D. Physical security team.

Answer: C

NEW QUESTION 238

- (Exam 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 241

- (Exam Topic 4)

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

- A. ' o 1=1 -
- B. ../../../../
- C. "DROPTABLE USERNAME"
- D. NOPS

Answer: A

NEW QUESTION 244

- (Exam Topic 4)

Which of the following statements about Encapsulating Security Payload (ESP) is true?

- A. It is an IPSec protocol.
- B. It is a text-based communication protocol.
- C. It uses TCP port 22 as the default port and operates at the application layer.
- D. It uses UDP port 22

Answer: A

NEW QUESTION 245

- (Exam Topic 4)

What is the FIRST step in developing the vulnerability management program?

- A. Baseline the Environment
- B. Maintain and Monitor
- C. Organization Vulnerability
- D. Define Policy

Answer: A

NEW QUESTION 250

- (Exam Topic 4)

Your incident handling manager detects a virus attack in the network of your company. You develop a signature based on the characteristics of the detected virus. Which of the following phases in the incident handling process will utilize the signature to resolve this incident?

- A. Containment
- B. Recovery
- C. Identification
- D. Eradication

Answer: D

NEW QUESTION 255

- (Exam 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 256

- (Exam Topic 3)

The organization does not have the time to remediate the vulnerability; however it is critical to release the application. Which of the following needs to be further evaluated to help mitigate the risks?

- A. Provide developer security training
- B. Deploy Intrusion Detection Systems
- C. Provide security testing tools
- D. Implement Compensating Controls

Answer: D

NEW QUESTION 259

- (Exam Topic 3)

The Security Operations Center (SOC) just purchased a new intrusion prevention system (IPS) that needs to be deployed in-line for best defense. The IT group is concerned about putting the new IPS in-line because it might negatively impact network availability. What would be the BEST approach for the CISO to reassure the IT group?

- A. Work with the IT group and tell them to put IPS in-line and say it won't cause any network impact
- B. Explain to the IT group that the IPS won't cause any network impact because it will fail open
- C. Explain to the IT group that this is a business need and the IPS will fail open however, if there is a network failure the CISO will accept responsibility
- D. Explain to the IT group that the IPS will fail open once in-line however it will be deployed in monitor mode for a set period of time to ensure that it doesn't block any legitimate traffic

Answer: D

NEW QUESTION 260

- (Exam Topic 3)

Your incident response plan should include which of the following?

- A. Procedures for litigation
- B. Procedures for reclamation
- C. Procedures for classification
- D. Procedures for charge-back

Answer: C

NEW QUESTION 262

- (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 265

- (Exam 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 267

- (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 268

- (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 271

- (Exam Topic 3)

In order for a CISO to have true situational awareness there is a need to deploy technology that can give a real-time view of security events across the enterprise. Which tool selection represents the BEST choice to achieve situational awareness?

- A. Vmware, router, switch, firewall, syslog, vulnerability management system (VMS)
- B. Intrusion Detection System (IDS), firewall, switch, syslog
- C. Security Incident Event Management (SIEM), IDS, router, syslog
- D. SIEM, IDS, firewall, VMS

Answer: D

NEW QUESTION 273

- (Exam 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: C

NEW QUESTION 274

- (Exam Topic 3)

Which of the following is the BEST indicator of a successful project?

- A. it is completed on time or early as compared to the baseline project plan
- B. it meets most of the specifications as outlined in the approved project definition
- C. it comes in at or below the expenditures planned for in the baseline budget
- D. the deliverables are accepted by the key stakeholders

Answer: D

NEW QUESTION 277

- (Exam Topic 3)

Which of the following methods are used to define contractual obligations that force a vendor to meet customer expectations?

- A. Terms and Conditions
- B. Service Level Agreements (SLA)
- C. Statement of Work
- D. Key Performance Indicators (KPI)

Answer: B

NEW QUESTION 278

- (Exam Topic 3)

You currently cannot provide for 24/7 coverage of your security monitoring and incident response duties and your company is resistant to the idea of adding more full-time employees to the payroll. Which combination of solutions would help to provide the coverage needed without the addition of more dedicated staff? (choose the best answer):

- A. Deploy a SEIM solution and have current staff review incidents first thing in the morning
- B. Contract with a managed security provider and have current staff on recall for incident response
- C. Configure your syslog to send SMS messages to current staff when target events are triggered
- D. Employ an assumption of breach protocol and defend only essential information resources

Answer: B

NEW QUESTION 281

- (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 283

- (Exam 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 287

- (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 290

- (Exam Topic 2)

The risk found after a control has been fully implemented is called:

- A. Residual Risk
- B. Total Risk
- C. Post implementation risk
- D. Transferred risk

Answer: A

NEW QUESTION 293

- (Exam Topic 2)

Which of the following BEST describes an international standard framework that is based on the security model Information Technology—Code of Practice for Information Security Management?

- A. International Organization for Standardization 27001
- B. National Institute of Standards and Technology Special Publication SP 800-12
- C. Request For Comment 2196
- D. National Institute of Standards and Technology Special Publication SP 800-26

Answer: A

NEW QUESTION 295

- (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 299

- (Exam Topic 2)

The remediation of a specific audit finding is deemed too expensive and will not be implemented. Which of the following is a TRUE statement?

- A. The asset is more expensive than the remediation
- B. The audit finding is incorrect
- C. The asset being protected is less valuable than the remediation costs
- D. The remediation costs are irrelevant; it must be implemented regardless of cost.

Answer: C

NEW QUESTION 301

- (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 305

- (Exam Topic 2)

Which of the following organizations is typically in charge of validating the implementation and effectiveness of security controls?

- A. Security Administrators
- B. Internal/External Audit
- C. Risk Management
- D. Security Operations

Answer: B

NEW QUESTION 307

- (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 309

- (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 311

- (Exam Topic 2)

Which of the following is considered to be an IT governance framework and a supporting toolset that allows for managers to bridge the gap between control requirements, technical issues, and business risks?

- A. Control Objective for Information Technology (COBIT)
- B. Committee of Sponsoring Organizations (COSO)
- C. Payment Card Industry (PCI)
- D. Information Technology Infrastructure Library (ITIL)

Answer: A

NEW QUESTION 314

- (Exam 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 316

- (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 317

- (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 322

- (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 325

- (Exam 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 329

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