

EC-Council

Exam Questions 712-50

EC-Council Certified CISO (CCISO)



NEW QUESTION 1

- (Exam Topic 6)

Devising controls for information security is a balance between?

- A. Governance and compliance
- B. Auditing and security
- C. Budget and risk tolerance
- D. Threats and vulnerabilities

Answer: C

Explanation:

Reference: https://www.cybok.org/media/downloads/cybok_version_1.0.pdf

NEW QUESTION 2

- (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 3

- (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 4

- (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 5

- (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%20>

NEW QUESTION 6

- (Exam Topic 6)

Which of the following are the triple constraints of project management?

- A. Time, quality, and scope
- B. Cost, quality, and time
- C. Scope, time, and cost
- D. Quality, scope, and cost

Answer: C

Explanation:

Reference:

[https://www.teamgantt.com/blog/triple-constraint-project-management#:~:text=Each%20side%20or%20point%](https://www.teamgantt.com/blog/triple-constraint-project-management#:~:text=Each%20side%20or%20point%20)

NEW QUESTION 7

- (Exam Topic 6)

What is a Statement of Objectives (SOA)?

- A. A section of a contract that defines tasks to be performed under said contract
- B. An outline of what the military will do during war
- C. A document that outlines specific desired outcomes as part of a request for proposal
- D. Business guidance provided by the CEO

Answer: A

NEW QUESTION 8

- (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 9

- (Exam Topic 6)

When managing a project, the MOST important activity in managing the expectations of stakeholders is:

- A. To force stakeholders to commit ample resources to support the project
- B. To facilitate proper communication regarding outcomes
- C. To assure stakeholders commit to the project start and end dates in writing
- D. To finalize detailed scope of the project at project initiation

Answer: B

Explanation:

Reference:

<https://www.greycampus.com/blog/project-management/stakeholder-management-what-is-it-and-why-is-it-so-im>

NEW QUESTION 10

- (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 10

- (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 13

- (Exam Topic 2)

Which of the following is the PRIMARY purpose of International Organization for Standardization (ISO) 27001?

- A. Use within an organization to formulate security requirements and objectives
- B. Implementation of business-enabling information security
- C. Use within an organization to ensure compliance with laws and regulations
- D. To enable organizations that adopt it to obtain certifications

Answer: B

NEW QUESTION 16

- (Exam Topic 2)

Which of the following activities is the MAIN purpose of the risk assessment process?

- A. Creating an inventory of information assets
- B. Classifying and organizing information assets into meaningful groups
- C. Assigning value to each information asset
- D. Calculating the risks to which assets are exposed in their current setting

Answer: D

NEW QUESTION 18

- (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 22

- (Exam 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 25

- (Exam 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 26

- (Exam Topic 1)

Which of the following is used to establish and maintain a framework to provide assurance that information security strategies are aligned with organizational objectives?

- A. Awareness
- B. Compliance
- C. Governance
- D. Management

Answer: C

NEW QUESTION 28

- (Exam Topic 1)

What should an organization do to ensure that they have a sound Business Continuity (BC) Plan?

- A. Test every three years to ensure that things work as planned
- B. Conduct periodic tabletop exercises to refine the BC plan
- C. Outsource the creation and execution of the BC plan to a third party vendor
- D. Conduct a Disaster Recovery (DR) exercise every year to test the plan

Answer: B

NEW QUESTION 31

- (Exam Topic 1)

When choosing a risk mitigation method what is the MOST important factor?

- A. Approval from the board of directors
- B. Cost of the mitigation is less than the risk
- C. Metrics of mitigation method success
- D. Mitigation method complies with PCI regulations

Answer: B

NEW QUESTION 35

- (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 36

- (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 38

- (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 41

- (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 43

- (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 47

- (Exam Topic 1)

When creating a vulnerability scan schedule, who is the MOST critical person to communicate with in order to ensure impact of the scan is minimized?

- A. The asset owner
- B. The asset manager
- C. The data custodian
- D. The project manager

Answer: A

NEW QUESTION 51

- (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 52

- (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 54

- (Exam 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 56

- (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 61

- (Exam Topic 1)

Regulatory requirements typically force organizations to implement

- A. Mandatory controls
- B. Discretionary controls
- C. Optional controls
- D. Financial controls

Answer: A

NEW QUESTION 65

- (Exam Topic 1)

In which of the following cases, would an organization be more prone to risk acceptance vs. risk mitigation?

- A. The organization uses exclusively a quantitative process to measure risk
- B. The organization uses exclusively a qualitative process to measure risk
- C. The organization's risk tolerance is high
- D. The organization's risk tolerance is lo

Answer: C

NEW QUESTION 69

- (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 74

- (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 76

- (Exam Topic 1)

What is the relationship between information protection and regulatory compliance?

- A. That all information in an organization must be protected equally.
- B. The information required to be protected by regulatory mandate does not have to be identified in the organizations data classification policy.
- C. That the protection of some information such as National ID information is mandated by regulation and other information such as trade secrets are protected based on business need.
- D. There is no relationship between the two.

Answer: C

NEW QUESTION 80

- (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 82

- (Exam 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 83

- (Exam Topic 6)

Which of the following statements below regarding Key Performance indicators (KPIs) are true?

- A. Development of KPI's are most useful when done independently
- B. They are a strictly quantitative measure of success
- C. They should be standard throughout the organization versus domain-specific so they are more easily correlated
- D. They are a strictly qualitative measure of success

Answer: A

Explanation:

Reference: <https://kpi.org/KPI-Basics/KPI-Development>

NEW QUESTION 85

- (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 86

- (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 89

- (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. From an Information Security Leadership perspective, which of the following is a MAJOR concern about the CISO's approach to security?

- A. Compliance centric agenda
- B. IT security centric agenda
- C. Lack of risk management process
- D. Lack of sponsorship from executive management

Answer: B

NEW QUESTION 90

- (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 92

- (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 96

- (Exam Topic 5)

The network administrator wants to strengthen physical security in the organization. Specifically, to implement a solution stopping people from entering certain restricted zones without proper credentials. Which of following physical security measures should the administrator use?

- A. Video surveillance
- B. Mantrap
- C. Bollards
- D. Fence

Answer: D

NEW QUESTION 98

- (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 101

- (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 102

- (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 implemented remediation activities. Which of the following is the MOST logical next step?

- A. Validate the effectiveness of applied controls
- B. Validate security program resource requirements
- 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: A

NEW QUESTION 103

- (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.

From an Information Security Leadership perspective, which of the following is a MAJOR concern about the CISO's approach to security?

- A. Lack of risk management process
- B. Lack of sponsorship from executive management
- C. IT security centric agenda
- D. Compliance centric agenda

Answer: C

NEW QUESTION 104

- (Exam 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. This global retail company is expected to accept credit card payments. Which of the following is of MOST concern when defining a security program for this organization?

- A. International encryption restrictions
- B. Compliance to Payment Card Industry (PCI) data security standards
- C. Compliance with local government privacy laws
- D. Adherence to local data breach notification laws

Answer: B

NEW QUESTION 107

- (Exam 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 112

- (Exam Topic 5)

The process for management approval of the security certification process which states the risks and mitigation of such risks of a given IT system is called

- A. Security certification

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

Answer: C

NEW QUESTION 116

- (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. After determining the audit findings are accurate, which of the following is the MOST logical next activity?

- A. Begin initial gap remediation analyses
- B. Review the security organization's charter
- C. Validate gaps with the Information Technology team
- D. Create a briefing of the findings for executive management

Answer: A

NEW QUESTION 121

- (Exam 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 122

- (Exam Topic 5)

Which of the following defines the boundaries and scope of a risk assessment?

- A. The risk assessment schedule
- B. The risk assessment framework
- C. The risk assessment charter
- D. The assessment context

Answer: B

Explanation:

Reference: <https://cfocussoftware.com/risk-management-framework/know-your-boundary/>

NEW QUESTION 127

- (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 131

- (Exam Topic 5)

A large number of accounts in a hardened system were suddenly compromised to an external party. Which of the following is the MOST probable threat actor involved in this incident?

- A. Poorly configured firewalls
- B. Malware
- C. Advanced Persistent Threat (APT)
- D. An insider

Answer: D

NEW QUESTION 136

- (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 137

- (Exam 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. How can you reduce the administrative burden of distributing symmetric keys for your employer?

- A. Use asymmetric encryption for the automated distribution of the symmetric key
- B. Use a self-generated key on both ends to eliminate the need for distribution
- C. Use certificate authority to distribute private keys
- D. Symmetrically encrypt the key and then use asymmetric encryption to unencrypt it

Answer: A

NEW QUESTION 140

- (Exam Topic 5)

At what level of governance are individual projects monitored and managed?

- A. Program
- B. Milestone
- C. Enterprise
- D. Portfolio

Answer: D

NEW QUESTION 145

- (Exam Topic 5)

When project costs continually increase throughout implementation due to large or rapid changes in customer or user requirements, this is commonly known as:

- A. Cost/benefit adjustments
- B. Scope creep
- C. Prototype issues
- D. Expectations management

Answer: B

Explanation:

Reference:

http://www.umsl.edu/~sauterv/analysis/6840_f03_papers/gurlen/

NEW QUESTION 147

- (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 149

- (Exam 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. Baselining of computer systems
- D. Scanning for viruses

Answer: A

NEW QUESTION 151

- (Exam 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 154

- (Exam Topic 5)

What is one key difference between Capital expenditures and Operating expenditures?

- A. Operating expense cannot be written off while Capital expense can
- B. Operating expenses can be depreciated over time and Capital expenses cannot
- C. Capital expenses cannot include salaries and Operating expenses can
- D. Capital expenditures allow for the cost to be depreciated over time and Operating does not

Answer: C

NEW QUESTION 158

- (Exam Topic 5)

Simon had all his systems administrators implement hardware and software firewalls to ensure network security. They implemented IDS/IPS systems throughout the network to check for and stop any unauthorized traffic that may attempt to enter. Although Simon and his administrators believed they were secure, a hacker group was able to get into the network and modify files hosted on the company's website. After searching through the firewall and server logs, no one could find how the attackers were able to get in. He decides that the entire network needs to be monitored for critical and essential file changes. This monitoring tool alerts administrators when a critical file is altered. What tool could Simon and his administrators implement to accomplish this?

- A. They need to use Nessus.
- B. They can implement Wireshark.
- C. Snort is the best tool for their situation.
- D. They could use Tripwire.

Answer: C

Explanation:

Reference: <https://searchnetworking.techtarget.com/definition/Snort>

NEW QUESTION 160

- (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 162

- (Exam Topic 5)

If a competitor wants to cause damage to your organization, steal critical secrets, or put you out of business, they just have to find a job opening, prepare someone to pass the interview, have that person hired, and they will be in the organization. How would you prevent such type of attacks?

- A. Conduct thorough background checks before you engage them
- B. Hire the people through third-party job agencies who will vet them for you
- C. Investigate their social networking profiles
- D. It is impossible to block these attacks

Answer: A

NEW QUESTION 165

- (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 166

- (Exam Topic 5)

Which of the following is the MOST important reason for performing assessments of the security portfolio?

- A. To assure that the portfolio is aligned to the needs of the broader organization
- B. To create executive support of the portfolio

- C. To discover new technologies and processes for implementation within the portfolio
- D. To provide independent 3rd party reviews of security effectiveness

Answer: A

NEW QUESTION 171

- (Exam Topic 5)

As the Chief Information Security Officer, you want to ensure data shared securely, especially when shared with third parties outside the organization. What protocol provides the ability to extend the network perimeter with the use of encapsulation and encryption?

- A. File Transfer Protocol (FTP)
- B. Virtual Local Area Network (VLAN)
- C. Simple Mail Transfer Protocol
- D. Virtual Private Network (VPN)

Answer: D

Explanation:

Reference: <https://searchnetworking.techtarget.com/definition/virtual-private-network>

NEW QUESTION 174

- (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 176

- (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 178

- (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 183

- (Exam Topic 5)

Which technology can provide a computing environment without requiring a dedicated hardware backend?

- A. Mainframe server
- B. Virtual Desktop
- C. Thin client
- D. Virtual Local Area Network

Answer: B

NEW QUESTION 185

- (Exam Topic 4)

Which of the following is a symmetric encryption algorithm?

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

D. RSA

Answer: A

NEW QUESTION 188

- (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 189

- (Exam 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 193

- (Exam Topic 4)

Which of the following is a countermeasure to prevent unauthorized database access from web applications?

- A. Session encryption
- B. Removing all stored procedures
- C. Input sanitization
- D. Library control

Answer: C

NEW QUESTION 194

- (Exam 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 197

- (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 200

- (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 202

- (Exam Topic 3)

Which of the following best summarizes the primary goal of a security program?

- A. Provide security reporting to all levels of an organization
- B. Create effective security awareness to employees
- C. Manage risk within the organization
- D. Assure regulatory compliance

Answer: C

NEW QUESTION 205

- (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 207

- (Exam Topic 3)

Which of the following represents the best method of ensuring business unit alignment with security program requirements?

- A. Provide clear communication of security requirements throughout the organization
- B. Demonstrate executive support with written mandates for security policy adherence
- C. Create collaborative risk management approaches within the organization
- D. Perform increased audits of security processes and procedures

Answer: C

NEW QUESTION 211

- (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 215

- (Exam Topic 3)

A severe security threat has been detected on your corporate network. As CISO you quickly assemble key members of the Information Technology team and business operations to determine a modification to security controls in response to the threat. This is an example of:

- A. Change management
- B. Business continuity planning
- C. Security Incident Response
- D. Thought leadership

Answer: C

NEW QUESTION 217

- (Exam Topic 3)

An example of professional unethical behavior is:

- A. Gaining access to an affiliated employee's work email account as part of an officially sanctioned internal investigation
- B. Sharing copyrighted material with other members of a professional organization where all members have legitimate access to the material
- C. Copying documents from an employer's server which you assert that you have an intellectual property claim to possess, but the company disputes
- D. Storing client lists and other sensitive corporate internal documents on a removable thumb drive

Answer: C

NEW QUESTION 222

- (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 225

- (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 229

- (Exam Topic 3)

An international organization is planning a project to implement encryption technologies to protect company confidential information. This organization has data centers on three continents. Which of the following would be considered a MAJOR constraint for the project?

- A. Time zone differences
- B. Compliance to local hiring laws
- C. Encryption import/export regulations
- D. Local customer privacy laws

Answer: C

NEW QUESTION 231

- (Exam Topic 3)

A CISO has recently joined an organization with a poorly implemented security program. The desire is to base the security program on a risk management approach. Which of the following is a foundational requirement in order to initiate this type of program?

- A. A security organization that is adequately staffed to apply required mitigation strategies and regulatory compliance solutions
- B. A clear set of security policies and procedures that are more concept-based than controls-based
- C. A complete inventory of Information Technology assets including infrastructure, networks, applications and data
- D. A clearly identified executive sponsor who will champion the effort to ensure organizational buy-in

Answer: D

NEW QUESTION 233

- (Exam Topic 3)

When should IT security project management be outsourced?

- A. When organizational resources are limited
- B. When the benefits of outsourcing outweigh the inherent risks of outsourcing
- C. On new, enterprise-wide security initiatives
- D. On projects not forecasted in the yearly budget

Answer: B

NEW QUESTION 235

- (Exam 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 239

- (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 243

- (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 248

- (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 250

- (Exam Topic 2)

You have implemented the new controls. What is the next step?

- A. Document the process for the stakeholders
- B. Monitor the effectiveness of the controls
- C. Update the audit findings report
- D. Perform a risk assessment

Answer: B

NEW QUESTION 254

- (Exam 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 258

- (Exam Topic 2)

Which of the following reports should you as an IT auditor use to check on compliance with a service level agreement's requirement for uptime?

- A. Systems logs
- B. Hardware error reports
- C. Utilization reports
- D. Availability reports

Answer: D

NEW QUESTION 260

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