

# EC-Council

## Exam Questions 712-50

EC-Council Certified CISO (CCISO)



#### NEW QUESTION 1

- (Exam Topic 6)

An auditor is reviewing the security classifications for a group of assets and finds that many of the assets are not correctly classified. What should the auditor's NEXT step be?

- A. Immediately notify the board of directors of the organization as to the finding
- B. Correct the classifications immediately based on the auditor's knowledge of the proper classification
- C. Document the missing classifications
- D. Identify the owner of the asset and induce the owner to apply a proper classification

**Answer: C**

#### NEW QUESTION 2

- (Exam Topic 6)

What is the primary difference between regulations and standards?

- A. Standards will include regulations
- B. Standards that aren't followed are punishable by fines
- C. Regulations are made enforceable by the power provided by laws
- D. Regulations must be reviewed and approved by the business

**Answer: C**

#### NEW QUESTION 3

- (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 4

- (Exam Topic 6)

A cloud computing environment that is bound together by technology that allows data and applications to be shared between public and private clouds is BEST referred to as a?

- A. Public cloud
- B. Private cloud
- C. Community cloud
- D. Hybrid cloud

**Answer: D**

#### Explanation:

Reference:

<https://www.datacenters.com/services/cloud-services#:~:text=Hybrid%20clouds%20combine%20public%20and>

#### NEW QUESTION 5

- (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 6

- (Exam Topic 6)

A university recently hired a CISO. One of the first tasks is to develop a continuity of operations plan (COOP). In developing the business impact assessment

(BIA), which of the following MOST closely relate to the data backup and restoral?

- A. Recovery Point Objective (RPO)
- B. Mean Time to Delivery (MTD)
- C. Recovery Time Objective (RTO)
- D. Maximum Tolerable Downtime (MTD)

**Answer:** C

**Explanation:**

Reference:

<https://www.druva.com/glossary/what-is-a-recovery-point-objective-definition-and-related-faqs/#:~:text=The%2>

**NEW QUESTION 7**

- (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 8**

- (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%2>

**NEW QUESTION 9**

- (Exam Topic 6)

An organization recently acquired a Data Loss Prevention (DLP) solution, and two months after the implementation, it was found that sensitive data was posted to numerous Dark Web sites. The DLP application was checked, and there are no apparent malfunctions and no errors. What is the MOST likely reason why the sensitive data was posted?

- A. The DLP Solution was not integrated with mobile device anti-malware
- B. Data classification was not properly performed on the assets
- C. The sensitive data was not encrypted while at rest
- D. A risk assessment was not performed after purchasing the DLP solution

**Answer:** D

**NEW QUESTION 10**

- (Exam Topic 6)

A bastion host should be placed:

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

**Answer:** C

**Explanation:**

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

**NEW QUESTION 10**

- (Exam Topic 6)

Who is responsible for verifying that audit directives are implemented?

- A. IT Management
- B. Internal Audit
- C. IT Security
- D. BOD Audit Committee

**Answer:** B

**Explanation:**

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

**NEW QUESTION 14**

- (Exam Topic 2)

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

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

**Answer:** B

**NEW QUESTION 16**

- (Exam Topic 2)

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

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

**Answer:** C

**NEW QUESTION 17**

- (Exam Topic 2)

An organization has implemented a change management process for all changes to the IT production environment. This change management process follows best practices and is expected to help stabilize the availability and integrity of the organization's IT environment. Which of the following can be used to measure the effectiveness of this newly implemented process:

- A. Number of change orders rejected
- B. Number and length of planned outages
- C. Number of unplanned outages
- D. Number of change orders processed

**Answer:** C

**NEW QUESTION 22**

- (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 26**

- (Exam Topic 2)

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

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

**Answer:** A

**NEW QUESTION 27**

- (Exam Topic 2)

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

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

**Answer:** C

**NEW QUESTION 30**

- (Exam Topic 2)

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

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

**Answer:** A

**NEW QUESTION 32**

- (Exam Topic 2)

The effectiveness of an audit is measured by?

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

**Answer:** C

**NEW QUESTION 34**

- (Exam Topic 2)

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

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

**Answer:** D

**NEW QUESTION 37**

- (Exam Topic 2)

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

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

**Answer:** C

**NEW QUESTION 42**

- (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 43**

- (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 47**

- (Exam Topic 1)

You have purchased a new insurance policy as part of your risk strategy. Which of the following risk strategy options have you engaged in?

- A. Risk Avoidance
- B. Risk Acceptance

- C. Risk Transfer
- D. Risk Mitigation

**Answer:** C

**NEW QUESTION 50**

- (Exam Topic 1)

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

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

**Answer:** D

**NEW QUESTION 52**

- (Exam Topic 1)

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

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

**Answer:** B

**NEW QUESTION 56**

- (Exam Topic 1)

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

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

**Answer:** D

**NEW QUESTION 59**

- (Exam Topic 1)

When dealing with Security Incident Response procedures, which of the following steps come FIRST when reacting to an incident?

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

**Answer:** D

**NEW QUESTION 60**

- (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 65**

- (Exam Topic 1)

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

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

**Answer:** B

**NEW QUESTION 70**

- (Exam Topic 1)

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

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

**Answer:** A

#### **NEW QUESTION 74**

- (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 75**

- (Exam Topic 1)

A company wants to fill a Chief Information Security Officer position in the organization. They need to define and implement a more holistic security program. Which of the following qualifications and experience would be MOST desirable to find in a candidate?

- A. Multiple certifications, strong technical capabilities and lengthy resume
- B. Industry certifications, technical knowledge and program management skills
- C. College degree, audit capabilities and complex project management
- D. Multiple references, strong background check and industry certifications

**Answer:** B

#### **NEW QUESTION 76**

- (Exam Topic 1)

What is the definition of Risk in Information Security?

- A. Risk = Probability x Impact
- B. Risk = Threat x Probability
- C. Risk = Financial Impact x Probability
- D. Risk = Impact x Threat

**Answer:** A

#### **NEW QUESTION 78**

- (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 80**

- (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 85**

- (Exam Topic 1)

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

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



**Answer:** A

**NEW QUESTION 88**

- (Exam Topic 1)

Which of the following is the MAIN reason to follow a formal risk management process in an organization that hosts and uses privately identifiable information (PII) as part of their business models and processes?

- A. Need to comply with breach disclosure laws
- B. Need to transfer the risk associated with hosting PII data
- C. Need to better understand the risk associated with using PII data
- D. Fiduciary responsibility to safeguard credit card information

**Answer:** C

**NEW QUESTION 91**

- (Exam Topic 1)

The PRIMARY objective of security awareness is to:

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

**Answer:** B

**NEW QUESTION 93**

- (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 96**

- (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 98**

- (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 100**

- (Exam Topic 1)

An organization's firewall technology needs replaced. A specific technology has been selected that is less costly than others and lacking in some important capabilities. The security officer has voiced concerns about sensitive data breaches but the decision is made to purchase. What does this selection indicate?

- A. A high threat environment
- B. A low risk tolerance environment
- C. A low vulnerability environment
- D. A high risk tolerance environment

**Answer:** D

**NEW QUESTION 105**

- (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 108

- (Exam Topic 1)

Which of the following is a critical operational component of an Incident Response Program (IRP)?

- A. Weekly program budget reviews to ensure the percentage of program funding remains constant.
- B. Annual review of program charters, policies, procedures and organizational agreements.
- C. Daily monitoring of vulnerability advisories relating to your organization's deployed technologies.
- D. Monthly program tests to ensure resource allocation is sufficient for supporting the needs of the organization

**Answer:** C

#### NEW QUESTION 112

- (Exam Topic 1)

Information security policies should be reviewed:

- A. by stakeholders at least annually
- B. by the CISO when new systems are brought online
- C. by the Incident Response team after an audit
- D. by internal audit semiannually

**Answer:** A

#### NEW QUESTION 115

- (Exam Topic 1)

A security professional has been promoted to be the CISO of an organization. The first task is to create a security policy for this organization. The CISO creates and publishes the security policy. This policy however, is ignored and not enforced consistently. Which of the following is the MOST likely reason for the policy shortcomings?

- A. Lack of a formal security awareness program
- B. Lack of a formal security policy governance process
- C. Lack of formal definition of roles and responsibilities
- D. Lack of a formal risk management policy

**Answer:** B

#### NEW QUESTION 118

- (Exam Topic 1)

The establishment of a formal risk management framework and system authorization program is essential. The LAST step of the system authorization process is:

- A. Contacting the Internet Service Provider for an IP scope
- B. Getting authority to operate the system from executive management
- C. Changing the default passwords
- D. Conducting a final scan of the live system and mitigating all high and medium level vulnerabilities

**Answer:** B

#### NEW QUESTION 123

- (Exam Topic 1)

Credit card information, medical data, and government records are all examples of:

- A. Confidential/Protected Information
- B. Bodily Information
- C. Territorial Information
- D. Communications Information

**Answer:** A

#### NEW QUESTION 125

- (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 127

- (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 129**

- (Exam Topic 1)

When deploying an Intrusion Prevention System (IPS) the BEST way to get maximum protection from the system is to deploy it

- A. In promiscuous mode and only detect malicious traffic.
- B. In-line and turn on blocking mode to stop malicious traffic.
- C. In promiscuous mode and block malicious traffic.
- D. In-line and turn on alert mode to stop malicious traffic.

**Answer: B**

#### **NEW QUESTION 132**

- (Exam Topic 1)

Why is it vitally important that senior management endorse a security policy?

- A. So that they will accept ownership for security within the organization.
- B. So that employees will follow the policy directives.
- C. So that external bodies will recognize the organizations commitment to security.
- D. So that they can be held legally accountable.

**Answer: A**

#### **NEW QUESTION 136**

- (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 low

**Answer: C**

#### **NEW QUESTION 140**

- (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 145**

- (Exam Topic 1)

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

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

**Answer: D**

#### **NEW QUESTION 148**

- (Exam Topic 1)

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

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

**Answer: D**

**NEW QUESTION 149**

- (Exam Topic 1)

A security manager has created a risk program. Which of the following is a critical part of ensuring the program is successful?

- A. Providing a risk program governance structure
- B. Ensuring developers include risk control comments in code
- C. Creating risk assessment templates based on specific threats
- D. Allowing for the acceptance of risk for regulatory compliance requirements

**Answer:** A

**NEW QUESTION 152**

- (Exam Topic 1)

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

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

**Answer:** D

**NEW QUESTION 153**

- (Exam Topic 1)

A security officer wants to implement a vulnerability scanning program. The officer is uncertain of the state of vulnerability resiliency within the organization's large IT infrastructure. What would be the BEST approach to minimize scan data output while retaining a realistic view of system vulnerability?

- A. Scan a representative sample of systems
- B. Perform the scans only during off-business hours
- C. Decrease the vulnerabilities within the scan tool settings
- D. Filter the scan output so only pertinent data is analyzed

**Answer:** A

**NEW QUESTION 156**

- (Exam Topic 1)

Which of the following should be determined while defining risk management strategies?

- A. Organizational objectives and risk tolerance
- B. Risk assessment criteria
- C. IT architecture complexity
- D. Enterprise disaster recovery plans

**Answer:** A

**NEW QUESTION 161**

- (Exam Topic 1)

Which of the following functions MUST your Information Security Governance program include for formal organizational reporting?

- A. Audit and Legal
- B. Budget and Compliance
- C. Human Resources and Budget
- D. Legal and Human Resources

**Answer:** A

**NEW QUESTION 164**

- (Exam Topic 1)

When an organization claims it is secure because it is PCI-DSS certified, what is a good first question to ask towards assessing the effectiveness of their security program?

- A. How many credit card records are stored?
- B. How many servers do you have?
- C. What is the scope of the certification?
- D. What is the value of the assets at risk?

**Answer:** C

**NEW QUESTION 167**

- (Exam Topic 6)

What are the common data hiding techniques used by criminals?

- A. Unallocated space and masking
- B. Website defacement and log manipulation
- C. Disabled Logging and admin elevation
- D. Encryption, Steganography, and Changing Metadata/Timestamps

**Answer:** D

**Explanation:**

Reference: <https://cisomag.eccouncil.org/challenges-and-applications-of-digital-forensics/>

**NEW QUESTION 170**

- (Exam Topic 6)

You have been promoted to the CISO of a big-box retail store chain reporting to the Chief Information Officer (CIO). The CIO's first mandate to you is to develop a cybersecurity compliance framework that will meet all the store's compliance requirements.

Which of the following compliance standard is the MOST important to the organization?

- A. The Federal Risk and Authorization Management Program (FedRAMP)
- B. ISO 27002
- C. NIST Cybersecurity Framework
- D. Payment Card Industry (PCI) Data Security Standard (DSS)

**Answer:** D

**Explanation:**

Reference:

<https://searchcompliance.techtarget.com/definition/PCI-DSS-Payment-Card-Industry-Data-Security-Standard>

**NEW QUESTION 172**

- (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 174**

- (Exam Topic 6)

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

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

**Answer:** D

**Explanation:**

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

**NEW QUESTION 179**

- (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 182**

- (Exam Topic 5)

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

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

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

**Answer:** B

**NEW QUESTION 185**

- (Exam Topic 5)

Scenario: Your organization employs single sign-on (user name and password only) as a convenience to your employees to access organizational systems and

data. Permission to individual systems and databases is vetted and approved through supervisors and data owners to ensure that only approved personnel can use particular applications or retrieve information. All employees have access to their own human resource information, including the ability to change their bank routing and account information and other personal details through the Employee Self-Service application. All employees have access to the organizational VPN. Recently, members of your organization have been targeted through a number of sophisticated phishing attempts and have compromised their system credentials. What action can you take to prevent the misuse of compromised credentials to change bank account information from outside your organization while still allowing employees to manage their bank information?

- A. Turn off VPN access for users originating from outside the country
- B. Enable monitoring on the VPN for suspicious activity
- C. Force a change of all passwords
- D. Block access to the Employee-Self Service application via VPN

**Answer:** D

#### NEW QUESTION 190

- (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 192

- (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 196

- (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 198

- (Exam Topic 5)

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

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

**Answer:** A

#### Explanation:

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

#### NEW QUESTION 202

- (Exam Topic 5)

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

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

**Answer:** B

**NEW QUESTION 206**

- (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 208**

- (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.

The CISO discovers the scalability issue will only impact a small number of network segments. What is the next logical step to ensure the proper application of risk management methodology within the two-facto implementation project?

- A. Create new use cases for operational use of the solution
- B. Determine if sufficient mitigating controls can be applied
- C. Decide to accept the risk on behalf of the impacted business units
- D. Report the deficiency to the audit team and create process exceptions

**Answer:** B

**NEW QUESTION 213**

- (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 218**

- (Exam Topic 5)

Access Control lists (ACLs), Firewalls, and Intrusion Prevention Systems are examples of

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

**Answer:** A

**NEW QUESTION 223**

- (Exam Topic 5)

Scenario: Your organization employs single sign-on (user name and password only) as a convenience to your employees to access organizational systems and data. Permission to individual systems and databases is vetted and approved through supervisors and data owners to ensure that only approved personnel can use particular applications or retrieve information. All employees have access to their own human resource information, including the ability to change their bank routing and account information and other personal details through the Employee Self-Service application. All employees have access to the organizational VPN. What type of control is being implemented by supervisors and data owners?

- A. Management
- B. Operational
- C. Technical
- D. Administrative

**Answer:** B

**NEW QUESTION 224**

- (Exam Topic 5)

As the CISO, you have been tasked with the execution of the company's key management program. You MUST ensure the integrity of encryption keys at the point of generation. Which principal of encryption key control will ensure no single individual can constitute or re-constitute a key?

- A. Dual Control
- B. Separation of Duties
- C. Split Knowledge
- D. Least Privilege

**Answer:** A



**Explanation:**

Reference: <https://info.townsendsecurity.com/bid/23881/PCI-DSS-2-0-and-Encryption-Key-Management>

**NEW QUESTION 229**

- (Exam Topic 5)

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

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

**Answer:** A

**NEW QUESTION 231**

- (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 233**

- (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 235**

- (Exam Topic 5)

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

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

**Answer:** C

**NEW QUESTION 237**

- (Exam Topic 5)

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

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

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

**Answer:** A

**NEW QUESTION 241**

- (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 243

- (Exam Topic 5)

The primary purpose of a risk register is to:

- A. Maintain a log of discovered risks
- B. Track individual risk assessments
- C. Develop plans for mitigating identified risks
- D. Coordinate the timing of scheduled risk assessments

**Answer:** A

**Explanation:**

Reference: <https://sitemate.com/us/resources/articles/safety/purpose-of-a-risk-register/>

#### NEW QUESTION 248

- (Exam Topic 5)

Which of the following best describes a portfolio?

- A. The portfolio is used to manage and track individual projects
- B. The portfolio is used to manage incidents and events
- C. A portfolio typically consists of several programs
- D. A portfolio delivers one specific service or program to the business

**Answer:** C

#### NEW QUESTION 250

- (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.

The CISO is unsure of the information provided and orders a vendor proof of concept to validate the system's scalability. This demonstrates which of the following?

- A. An approach that allows for minimum budget impact if the solution is unsuitable
- B. A methodology-based approach to ensure authentication mechanism functions
- C. An approach providing minimum time impact to the implementation schedules
- D. A risk-based approach to determine if the solution is suitable for investment

**Answer:** D

#### NEW QUESTION 255

- (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 budgetregulatory 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 259

- (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. The organization has already been subject to a significant amount of credit card fraud. Which of the following is the MOST likely reason for this fraud?

- A. Lack of compliance to the Payment Card Industry (PCI) standards
- B. Ineffective security awareness program
- C. Security practices not in alignment with ISO 27000 frameworks
- D. Lack of technical controls when dealing with credit card data

**Answer:** A

#### NEW QUESTION 262

- (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 267

- (Exam Topic 5)

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

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

**Answer:** C

#### NEW QUESTION 270

- (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 274

- (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 277

- (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 279

- (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.

Symmetric encryption in general is preferable to asymmetric encryption when:

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

**Answer:** C

#### NEW QUESTION 284

- (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 288**

- (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 289**

- (Exam Topic 5)

Which of the following is an accurate description of a balance sheet?

- A. The percentage of earnings that are retained by the organization for reinvestment in the business
- B. The details of expenses and revenue over a long period of time
- C. A summarized statement of all assets and liabilities at a specific point in time
- D. A review of regulations and requirements impacting the business from a financial perspective

**Answer:** C

**NEW QUESTION 291**

- (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 292**

- (Exam Topic 5)

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

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

**Answer:** B

**NEW QUESTION 294**

- (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 297**

- (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 299**

- (Exam Topic 5)

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

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

**Answer: C**

**NEW QUESTION 303**

- (Exam Topic 5)

Which of the following terms is used to describe countermeasures implemented to minimize risks to physical property, information, and computing systems?

- A. Security frameworks
- B. Security policies
- C. Security awareness
- D. Security controls

**Answer: D**

**Explanation:**

Reference: <https://www.ibm.com/cloud/learn/security-controls>

**NEW QUESTION 307**

- (Exam Topic 5)

The total cost of security controls should:

- A. Be equal to the value of the information resource being protected
- B. Be greater than the value of the information resource being protected
- C. Be less than the value of the information resource being protected
- D. Should not matter, as long as the information resource is protected

**Answer: C**

**NEW QUESTION 311**

- (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 316**

- (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](http://library.ahima.org/doc?oid=104090#.X_dwWolR3eQ)

**NEW QUESTION 320**

- (Exam Topic 5)

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

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

**Answer:** C

**NEW QUESTION 324**

- (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 327**

- (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 331**

- (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 335**

- (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 337**

- (Exam Topic 5)

Which type of scan is used on the eye to measure the layer of blood vessels?

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

**Answer:** D

**NEW QUESTION 340**

- (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 343**

- (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 344

- (Exam Topic 5)

Scenario: Your organization employs single sign-on (user name and password only) as a convenience to your employees to access organizational systems and data. Permission to individual systems and databases is vetted and approved through supervisors and data owners to ensure that only approved personnel can use particular applications or retrieve information. All employees have access to their own human resource information, including the ability to change their bank routing and account information and other personal details through the Employee Self-Service application. All employees have access to the organizational VPN. The organization wants a more permanent solution to the threat to user credential compromise through phishing. What technical solution would BEST address this issue?

- A. Professional user education on phishing conducted by a reputable vendor
- B. Multi-factor authentication employing hard tokens
- C. Forcing password changes every 90 days
- D. Decreasing the number of employees with administrator privileges

**Answer:** B

#### NEW QUESTION 349

- (Exam Topic 4)

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

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

**Answer:** A

#### NEW QUESTION 351

- (Exam Topic 4)

The process of creating a system which divides documents based on their security level to manage access to private data is known as

- A. security coding
- B. data security system
- C. data classification
- D. privacy protection

**Answer:** C

#### NEW QUESTION 356

- (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 359

- (Exam Topic 4)

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

- A. Well established and defined digital forensics process
- B. Establishing Enterprise-owned Botnets for preemptive attacks
- C. Be able to retaliate under the framework of Active Defense
- D. Collaboration with law enforcement

**Answer:** A

#### NEW QUESTION 362

- (Exam Topic 4)

A customer of a bank has placed a dispute on a payment for a credit card account. The banking system uses digital signatures to safeguard the integrity of their transactions. The bank claims that the system shows proof that the customer in fact made the payment. What is this system capability commonly known as?

- A. non-repudiation
- B. conflict resolution



- C. strong authentication
- D. digital rights management

**Answer:** A

**NEW QUESTION 364**

- (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 369**

- (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 370**

- (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 373**

- (Exam Topic 4)

Which of the following backup sites takes the longest recovery time?

- A. Cold site
- B. Hot site
- C. Warm site
- D. Mobile backup site

**Answer:** A

**NEW QUESTION 375**

- (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 378**

- (Exam Topic 3)

To get an Information Security project back on schedule, which of the following will provide the MOST help?

- A. Upper management support
- B. More frequent project milestone meetings
- C. Stakeholder support
- D. Extend work hours

**Answer:** A

**NEW QUESTION 382**

- (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 385

- (Exam Topic 4)

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

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

**Answer:** D

#### NEW QUESTION 389

- (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 393

- (Exam Topic 3)

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

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

**Answer:** D

#### NEW QUESTION 394

- (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 397

- (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 400

- (Exam Topic 3)

Knowing the potential financial loss an organization is willing to suffer if a system fails is a determination of which of the following?

- A. Cost benefit
- B. Risk appetite
- C. Business continuity
- D. Likelihood of impact

**Answer:** B

**NEW QUESTION 405**

- (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 409**

- (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 414**

- (Exam Topic 3)

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

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

**Answer:** D

**NEW QUESTION 419**

- (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 422**

- (Exam Topic 3)

Your company has a “no right to privacy” notice on all logon screens for your information systems and users sign an Acceptable Use Policy informing them of this condition. A peer group member and friend comes to you and requests access to one of her employee’s email account. What should you do? (choose the BEST answer):

- A. Grant her access, the employee has been adequately warned through the AUP.
- B. Assist her with the request, but only after her supervisor signs off on the action.
- C. Reset the employee’s password and give it to the supervisor.
- D. Deny the request citing national privacy laws.

**Answer:** B

**NEW QUESTION 424**

- (Exam Topic 3)

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

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

**Answer:** B

**NEW QUESTION 425**

- (Exam Topic 3)

A recommended method to document the respective roles of groups and individuals for a given process is to:

- A. Develop a detailed internal organization chart
- B. Develop a telephone call tree for emergency response
- C. Develop an isolinear response matrix with cost benefit analysis projections
- D. Develop a Responsible, Accountable, Consulted, Informed (RACI) chart

**Answer:** D

**NEW QUESTION 428**

- (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 432**

- (Exam Topic 3)

Which of the following is the MOST important component of any change management process?

- A. Scheduling
- B. Back-out procedures
- C. Outage planning
- D. Management approval

**Answer:** D

**NEW QUESTION 435**

- (Exam Topic 3)

An application vulnerability assessment has identified a security flaw in an application. This is a flaw that was previously identified and remediated on a prior release of the application. Which of the following is MOST likely the reason for this recurring issue?

- A. Ineffective configuration management controls
- B. Lack of change management controls
- C. Lack of version/source controls
- D. High turnover in the application development department

**Answer:** C

**NEW QUESTION 440**

- (Exam Topic 3)

Which of the following are not stakeholders of IT security projects?

- A. Board of directors
- B. Third party vendors
- C. CISO
- D. Help Desk

**Answer:** B

**NEW QUESTION 441**

- (Exam Topic 3)

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

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

**Answer:** A

**NEW QUESTION 443**

- (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 445**

- (Exam Topic 3)

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

- A. Vendor's client list of reputable organizations currently using their solution

- B. Vendor provided attestation of the detailed security controls from a reputable accounting firm
- C. Vendor provided reference from an existing reputable client detailing their implementation
- D. Vendor provided internal risk assessment and security control documentation

**Answer: B**

**NEW QUESTION 446**

- (Exam Topic 3)

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

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

**Answer: B**

**NEW QUESTION 448**

- (Exam Topic 3)

Which one of the following BEST describes which member of the management team is accountable for the day-to-day operation of the information security program?

- A. Security administrators
- B. Security managers
- C. Security technicians
- D. Security analysts

**Answer: B**

**NEW QUESTION 452**

- (Exam Topic 3)

Which of the following is a major benefit of applying risk levels?

- A. Risk management governance becomes easier since most risks remain low once mitigated
- B. Resources are not wasted on risks that are already managed to an acceptable level
- C. Risk budgets are more easily managed due to fewer identified risks as a result of using a methodology
- D. Risk appetite can increase within the organization once the levels are understood

**Answer: B**

**NEW QUESTION 456**

- (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 457**

- (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 462**

- (Exam Topic 2)

Dataflow diagrams are used by IT auditors to:

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

**Answer: C**

**NEW QUESTION 463**

- (Exam Topic 2)

Which of the following are primary concerns for management with regard to assessing internal control objectives?

- A. Confidentiality, Availability, Integrity
- B. Compliance, Effectiveness, Efficiency
- C. Communication, Reliability, Cost
- D. Confidentiality, Compliance, Cost

**Answer: B**

#### **NEW QUESTION 468**

- (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 469**

- (Exam Topic 2)

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

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

**Answer: D**

#### **NEW QUESTION 473**

- (Exam Topic 2)

Which of the following activities results in change requests?

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

**Answer: C**

#### **NEW QUESTION 478**

- (Exam Topic 2)

In MOST organizations which group periodically reviews network intrusion detection system logs for all systems as part of their daily tasks?

- A. Internal Audit
- B. Database Administration
- C. Information Security
- D. Compliance

**Answer: C**

#### **NEW QUESTION 479**

- (Exam Topic 2)

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

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

**Answer: B**

#### **NEW QUESTION 481**

- (Exam Topic 2)

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

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

**Answer: C**

**NEW QUESTION 486**

- (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 487**

- (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 491**

- (Exam Topic 2)

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

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

**Answer: B**

**NEW QUESTION 495**

- (Exam Topic 2)

Which represents PROPER separation of duties in the corporate environment?

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

**Answer: D**

**NEW QUESTION 498**

- (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 503**

- (Exam Topic 2)

Which of the following is the MOST important reason to measure the effectiveness of an Information Security Management System (ISMS)?

- A. Meet regulatory compliance requirements
- B. Better understand the threats and vulnerabilities affecting the environment
- C. Better understand strengths and weaknesses of the program
- D. Meet legal requirements

**Answer: C**

**NEW QUESTION 504**

- (Exam Topic 2)

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

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



**Answer:** C

**NEW QUESTION 509**

.....



## Thank You for Trying Our Product

### We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questions and Answers in PDF Format

### 712-50 Practice Exam Features:

- \* 712-50 Questions and Answers Updated Frequently
- \* 712-50 Practice Questions Verified by Expert Senior Certified Staff
- \* 712-50 Most Realistic Questions that Guarantee you a Pass on Your First Try
- \* 712-50 Practice Test Questions in Multiple Choice Formats and Updates for 1 Year

**100% Actual & Verified — Instant Download, Please Click**  
**[Order The 712-50 Practice Test Here](#)**