

# 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)

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

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

**Answer:** B

#### Explanation:

Reference:

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

#### NEW QUESTION 4

- (Exam Topic 6)

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

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

**Answer:** A

#### NEW QUESTION 5

- (Exam Topic 6)

From the CISO's perspective in looking at financial statements, the statement of retained earnings of an organization:

- A. Has a direct correlation with the CISO's budget
- B. Represents, in part, the savings generated by the proper acquisition and implementation of security controls
- C. Represents the sum of all capital expenditures
- D. Represents the percentage of earnings that could in part be used to finance future security controls

**Answer:** D

#### Explanation:

Reference: <https://www.investopedia.com/terms/s/statement-of-retained-earnings.asp>

#### NEW QUESTION 6

- (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 7**

- (Exam Topic 6)

What does RACI stand for?

- A. Reasonable, Actionable, Controlled, and Implemented
- B. Responsible, Actors, Consult, and Instigate
- C. Responsible, Accountable, Consulted, and Informed
- D. Review, Act, Communicate, and Inform

**Answer: C**

**Explanation:**

Reference: <https://www.google.com/search?q=What+does+RACI+stand+for&oq=What+does+RACI+stand+for&aqs=edge>

**NEW QUESTION 8**

- (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 9**

- (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 10**

- (Exam Topic 6)

When reviewing a Solution as a Service (SaaS) provider's security health and posture, which key document should you review?

- A. SaaS provider's website certifications and representations (certs and reps)
- B. SOC-2 Report
- C. Metasploit Audit Report
- D. Statement from SaaS provider attesting their ability to secure your data

**Answer: B**

**Explanation:**

Reference: <https://www.threatstack.com/blog/how-saas-companies-can-build-a-compliance-roadmap>

**NEW QUESTION 15**

- (Exam Topic 6)

Which of the following is the MOST effective method to counter phishing attacks?

- A. User awareness and training
- B. Host based Intrusion Detection System (IPS)
- C. Acceptable use guide signed by all system users
- D. Antispam solution

**Answer:** A

**Explanation:**

Reference: <https://aware.eccouncil.org/4-best-ways-to-stop-phishing-with-security-awareness.html>

#### NEW QUESTION 18

- (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 23

- (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 25

- (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 29

- (Exam Topic 2)

A Chief Information Security Officer received a list of high, medium, and low impact audit findings. Which of the following represents the BEST course of action?

- A. If the findings impact regulatory compliance, try to apply remediation that will address the most findings for the least cost.
- B. If the findings do not impact regulatory compliance, remediate only the high and medium risk findings.
- C. If the findings impact regulatory compliance, remediate the high findings as quickly as possible.
- D. If the findings do not impact regulatory compliance, review current security controls.

**Answer:** C

#### NEW QUESTION 30

- (Exam Topic 2)

When a critical vulnerability has been discovered on production systems and needs to be fixed immediately, what is the BEST approach for a CISO to mitigate the vulnerability under tight budget constraints?

- A. Transfer financial resources from other critical programs
- B. Take the system off line until the budget is available
- C. Deploy countermeasures and compensating controls until the budget is available
- D. Schedule an emergency meeting and request the funding to fix the issue

**Answer:** C

#### NEW QUESTION 31

- (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 32**

- (Exam Topic 1)

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

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

**Answer: B**

#### **NEW QUESTION 37**

- (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 39**

- (Exam Topic 1)

Developing effective security controls is a balance between:

- A. Risk Management and Operations
- B. Corporate Culture and Job Expectations
- C. Operations and Regulations
- D. Technology and Vendor Management

**Answer: A**

#### **NEW QUESTION 44**

- (Exam Topic 1)

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

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

**Answer: D**

#### **NEW QUESTION 46**

- (Exam Topic 1)

A method to transfer risk is to:

- A. Implement redundancy
- B. move operations to another region
- C. purchase breach insurance
- D. Alignment with business operations

**Answer: C**

#### **NEW QUESTION 51**

- (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 55

- (Exam Topic 1)

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

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

**Answer:** A

#### NEW QUESTION 59

- (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 64

- (Exam Topic 1)

Who is responsible for securing networks during a security incident?

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

**Answer:** D

#### NEW QUESTION 66

- (Exam Topic 1)

An organization information security policy serves to

- A. establish budgetary input in order to meet compliance requirements
- B. establish acceptable systems and user behavior
- C. define security configurations for systems
- D. define relationships with external law enforcement agencies

**Answer:** B

#### NEW QUESTION 70

- (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 74

- (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 76

- (Exam Topic 1)

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

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

**Answer:** D

#### NEW QUESTION 78

- (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 80

- (Exam Topic 1)

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

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

**Answer:** B

#### NEW QUESTION 81

- (Exam Topic 1)

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

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

**Answer:** D

#### NEW QUESTION 86

- (Exam Topic 1)

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

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

**Answer:** D

#### NEW QUESTION 91

- (Exam Topic 1)

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 96

- (Exam Topic 1)

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

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

**Answer:** D

#### NEW QUESTION 101

- (Exam Topic 1)

An organization's Information Security Policy is of MOST importance because

- A. it communicates management's commitment to protecting information resources
- B. it is formally acknowledged by all employees and vendors
- C. it defines a process to meet compliance requirements
- D. it establishes a framework to protect confidential information

**Answer:**



A

**NEW QUESTION 102**

- (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 104**

- (Exam Topic 1)

Who in the organization determines access to information?

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

**Answer:** C

**NEW QUESTION 106**

- (Exam Topic 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 109**

- (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 114**

- (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 119**

- (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 122

- (Exam Topic 6)

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

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

**Answer:** C

#### Explanation:

Reference: [https://nanopdf.com/download/information-security-governance-guidance-for-boards-of\\_pdf](https://nanopdf.com/download/information-security-governance-guidance-for-boards-of_pdf) (9)

#### NEW QUESTION 127

- (Exam Topic 6)

What is a key policy that should be part of the information security plan?

- A. Account management policy
- B. Training policy
- C. Acceptable Use policy
- D. Remote Access policy

**Answer:** C

#### Explanation:

Reference: <https://www.exabeam.com/information-security/information-security-policy/>

#### NEW QUESTION 130

- (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 135

- (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 137

- (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 141

- (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 142

- (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 144

- (Exam Topic 5)

The rate of change in technology increases the importance of:

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

**Answer:** D

#### NEW QUESTION 149

- (Exam Topic 5)

A CISO wants to change the defense strategy to ward off attackers. To accomplish this the CISO is looking to a strategy where attackers are lured into a zone of a safe network where attackers can be monitored, controlled, quarantined, or eradicated.

- A. Moderate investment
- B. Passive monitoring
- C. Integrated security controls
- D. Dynamic deception

**Answer:** D

#### NEW QUESTION 150

- (Exam Topic 5)

When analyzing and forecasting a capital expense budget what are not included?

- A. Network connectivity costs
- B. New datacenter to operate from
- C. Upgrade of mainframe
- D. Purchase of new mobile devices to improve operations

**Answer:** A

#### NEW QUESTION 152

- (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 155

- (Exam Topic 5)

Which of the following is used to lure attackers into false environments so they can be monitored, contained, or blocked from reaching critical systems?

- A. Segmentation controls.
- B. Shadow applications.
- C. Deception technology.
- D. Vulnerability management.

**Answer:** B

#### NEW QUESTION 159

- (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 163

- (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 166

- (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 171

- (Exam Topic 5)

Which of the following is a primary method of applying consistent configurations to IT systems?

- A. Audits
- B. Administration
- C. Patching
- D. Templates

**Answer:** C

#### NEW QUESTION 176

- (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 180

- (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 183

- (Exam Topic 5)

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

- A. The internal accounting department
- B. The Chief Financial Officer (CFO)
- C. The external financial audit service
- D. The managers of the accounts payables and accounts receivables teams

**Answer:** D

#### NEW QUESTION 185

- (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 186

- (Exam Topic 5)

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

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

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

**Answer:** C

#### NEW QUESTION 191

- (Exam Topic 5)

What is the primary reason for performing vendor management?

- A. To understand the risk coverage that are being mitigated by the vendor
- B. To establish a vendor selection process
- C. To document the relationship between the company and the vendor
- D. To define the partnership for long-term success

**Answer:** A

#### NEW QUESTION 195

- (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 198

- (Exam Topic 5)

What is meant by password aging?

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

**Answer:** C

**Explanation:**

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

#### NEW QUESTION 200

- (Exam Topic 5)

SCENARIO: A Chief Information Security Officer (CISO) recently had a third party conduct an audit of the security program. Internal policies and international standards were used as audit baselines. The audit report was presented to the CISO and a variety of high, medium and low rated gaps were identified. Which of the following is the FIRST action the CISO will perform after receiving the audit report?

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

**Answer:** B

#### NEW QUESTION 204

- (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 205

- (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 207

- (Exam Topic 5)

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

What action should you take FIRST?

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

**Answer:** C

#### NEW QUESTION 212

- (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. You have identified potential solutions for all of your risks that do not have security controls. What is the NEXT step?

- A. Get approval from the board of directors
- B. Screen potential vendor solutions
- C. Verify that the cost of mitigation is less than the risk
- D. Create a risk metrics for all unmitigated risks

**Answer:** C

#### NEW QUESTION 214

- (Exam Topic 5)

Smith, the project manager for a larger multi-location firm, is leading a software project team that has 18 members, 5 of which are assigned to testing. Due to recent recommendations by an organizational quality audit team, the project manager is convinced to add a



quality professional to lead to test team at additional cost to the project.

The project manager is aware of the importance of communication for the success of the project and takes the step of introducing additional communication channels, making it more complex, in order to assure quality levels of the project. What will be the first project management document that Smith should change in order to accommodate additional communication channels?

- A. WBS document
- B. Scope statement
- C. Change control document
- D. Risk management plan

**Answer:** A

#### NEW QUESTION 218

- (Exam Topic 5)

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

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

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

**Answer:** A

#### NEW QUESTION 223

- (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 226

- (Exam Topic 5)

What process defines the framework of rules and practices by which a board of directors ensure accountability, fairness and transparency in an organization's relationship with its shareholders?

- A. Internal Audit
- B. Corporate governance
- C. Risk Oversight
- D. Key Performance Indicators

**Answer:** B

#### Explanation:

Reference: <https://www.igi-global.com/dictionary/corporate-governance/5957>

#### NEW QUESTION 227

- (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 229

- (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 230

- (Exam Topic 4)

Which of the following is a symmetric encryption algorithm?



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

**Answer:** A

#### NEW QUESTION 231

- (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 233

- (Exam Topic 4)

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

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

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

**Answer:** A

#### NEW QUESTION 236

- (Exam Topic 4)

Network Forensics is the prerequisite for any successful legal action after attacks on your Enterprise Network. Which is the single most important factor to introducing digital evidence into a court of law?

- A. Comprehensive Log-Files from all servers and network devices affected during the attack
- B. Fully trained network forensic experts to analyze all data right after the attack
- C. Uninterrupted Chain of Custody
- D. Expert forensics witness

**Answer:** C

#### NEW QUESTION 238

- (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 243

- (Exam Topic 3)

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

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

**Answer:** A

#### NEW QUESTION 247

- (Exam Topic 3)

When is an application security development project complete?

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

**Answer:** A

**NEW QUESTION 252**

- (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 256**

- (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 261**

- (Exam Topic 3)

Which of the following is considered a project versus a managed process?

- A. monitoring external and internal environment during incident response
- B. ongoing risk assessments of routine operations
- C. continuous vulnerability assessment and vulnerability repair
- D. installation of a new firewall system

**Answer:** D

**NEW QUESTION 265**

- (Exam Topic 3)

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

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

**Answer:** C

**NEW QUESTION 268**

- (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 271**

- (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 275**

- (Exam Topic 3)

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

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

**Answer:** A

#### **NEW QUESTION 279**

- (Exam Topic 3)

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

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

**Answer:** D

#### **NEW QUESTION 282**

- (Exam Topic 3)

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

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

**Answer:** B

#### **NEW QUESTION 284**

- (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 285**

- (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 286**

- (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 288**

- (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 289**

- (Exam Topic 3)

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

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

**Answer: C**

#### NEW QUESTION 291

- (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 294

- (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 295

- (Exam Topic 3)

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

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

**Answer: D**

#### NEW QUESTION 298

- (Exam Topic 3)

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

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

**Answer: D**

#### NEW QUESTION 302

- (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 305

- (Exam Topic 2)

Which of the following best describes the purpose of the International Organization for Standardization (ISO) 27002 standard?

- A. To give information security management recommendations to those who are responsible for initiating, implementing, or maintaining security in their organization.
- B. To provide a common basis for developing organizational security standards
- C. To provide effective security management practice and to provide confidence in inter-organizational dealings

D. To established guidelines and general principles for initiating, implementing, maintaining, and improving information security management within an organization

**Answer:** D

**NEW QUESTION 310**

- (Exam Topic 2)

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

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

**Answer:** A

**NEW QUESTION 314**

- (Exam Topic 2)

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

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

**Answer:** B

**NEW QUESTION 316**

- (Exam Topic 2)

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

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

**Answer:** A

**NEW QUESTION 321**

- (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 322**

- (Exam Topic 2)

Which of the following activities results in change requests?

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

**Answer:** C

**NEW QUESTION 327**

- (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 328**

- (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 331**

- (Exam Topic 2)

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

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

**Answer: A**

**NEW QUESTION 334**

- (Exam Topic 2)

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

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

**Answer: C**

**NEW QUESTION 339**

- (Exam Topic 2)

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

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

**Answer: C**

**NEW QUESTION 344**

- (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 347**

- (Exam Topic 2)

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

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

**Answer: A**

**NEW QUESTION 348**

- (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 350**



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