



## **EC-Council**

### **Exam Questions 712-50**

EC-Council Certified CISO (CCISO)

#### NEW QUESTION 1

- (Topic 1)

Regulatory requirements typically force organizations to implement

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

**Answer: A**

#### NEW QUESTION 2

- (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 3

- (Topic 1)

Which of the following are the MOST important factors for proactively determining system vulnerabilities?

- A. Subscribe to vendor mailing list to get notification of system vulnerabilities
- B. Deploy Intrusion Detection System (IDS) and install anti-virus on systems
- C. Configure firewall, perimeter router and Intrusion Prevention System (IPS)
- D. Conduct security testing, vulnerability scanning, and penetration testing

**Answer: D**

#### NEW QUESTION 4

- (Topic 1)

Which of the following intellectual Property components is focused on maintaining brand recognition?

- A. Trademark
- B. Patent
- C. Research Logs
- D. Copyright

**Answer: A**

#### NEW QUESTION 5

- (Topic 1)

An organization licenses and uses personal information for business operations, and a server containing that information has been compromised. What kind of law would require notifying the owner or licensee of this incident?

- A. Data breach disclosure
- B. Consumer right disclosure
- C. Security incident disclosure
- D. Special circumstance disclosure

**Answer: A**

#### NEW QUESTION 6

- (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 7

- (Topic 1)

When managing an Information Security Program, which of the following is of MOST importance in order to influence the culture of an organization?

- A. An independent Governance, Risk and Compliance organization
- B. Alignment of security goals with business goals
- C. Compliance with local privacy regulations

D. Support from Legal and HR teams

**Answer:** B

**NEW QUESTION 8**

- (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 9**

- (Topic 1)

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

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

**Answer:** :C

**NEW QUESTION 10**

- (Topic 1)

What is the SECOND step to creating a risk management methodology according to the National Institute of Standards and Technology (NIST) SP 800-30 standard?

- A. Determine appetite
- B. Evaluate risk avoidance criteria
- C. Perform a risk assessment
- D. Mitigate risk

**Answer:** D

**NEW QUESTION 10**

- (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 13**

- (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 16**

- (Topic 1)

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

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

**Answer:** A

**NEW QUESTION 19**

- (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 20

- (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 22

- (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 26

- (Topic 1)

The exposure factor of a threat to your organization is defined by?

- A. Asset value times exposure factor
- B. Annual rate of occurrence
- C. Annual loss expectancy minus current cost of controls
- D. Percentage of loss experienced due to a realized threat event

**Answer:** D

#### NEW QUESTION 27

- (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 28

- (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 31

- (Topic 1)

A global retail organization is looking to implement a consistent Disaster Recovery and Business Continuity Process across all of its business units. Which of the following standards and guidelines can BEST address this organization's need?

- A. International Organization for Standardizations – 22301 (ISO-22301)
- B. Information Technology Infrastructure Library (ITIL)
- C. Payment Card Industry Data Security Standards (PCI-DSS)
- D. International Organization for Standardizations – 27005 (ISO-27005)

**Answer:** A

#### NEW QUESTION 32

- (Topic 1)

What is the relationship between information protection and regulatory compliance?

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

**Answer: C**

#### NEW QUESTION 34

- (Topic 1)

Which of the following is a benefit of information security governance?

- A. Questioning the trust in vendor relationships.
- B. Increasing the risk of decisions based on incomplete management information.
- C. Direct involvement of senior management in developing control processes
- D. Reduction of the potential for civil and legal liability

**Answer: D**

#### NEW QUESTION 36

- (Topic 1)

Who is responsible for securing networks during a security incident?

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

**Answer: D**

#### NEW QUESTION 39

- (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 43

- (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 46

- (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 47

- (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 49**

- (Topic 2)

An information security department is required to remediate system vulnerabilities when they are discovered. Please select the three primary remediation methods that can be used on an affected system.

- A. Install software patch, Operate system, Maintain system
- B. Discover software, Remove affected software, Apply software patch
- C. Install software patch, configuration adjustment, Software Removal
- D. Software removal, install software patch, maintain system

**Answer: C**

**NEW QUESTION 52**

- (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 54**

- (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 59**

- (Topic 2)

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

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

**Answer: B**

**NEW QUESTION 63**

- (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 68**

- (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 72**

- (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 77**

- (Topic 2)

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

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

**Answer:** C

**NEW QUESTION 81**

- (Topic 2)

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

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

**Answer:** D

**NEW QUESTION 82**

- (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 83**

- (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 88**

- (Topic 2)

Which of the following represents the BEST reason for an organization to use the Control Objectives for Information and Related Technology (COBIT) as an Information Technology (IT) framework?

- A. It allows executives to more effectively monitor IT implementation costs
- B. Implementation of it eases an organization's auditing and compliance burden
- C. Information Security (IS) procedures often require augmentation with other standards
- D. It provides for a consistent and repeatable staffing model for technology organizations

**Answer:** B

**NEW QUESTION 89**

- (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 90**

- (Topic 2)

Providing oversight of a comprehensive information security program for the entire organization is the primary responsibility of which group under the InfoSec governance framework?

- A. Senior Executives
- B. Office of the Auditor
- C. Office of the General Counsel
- D. All employees and users

**Answer:** :A

#### NEW QUESTION 91

- (Topic 2)

Creating a secondary authentication process for network access would be an example of?

- A. An administrator with too much time on their hands.
- B. Putting undue time commitment on the system administrator.
- C. Supporting the concept of layered security
- D. Network segmentation.

**Answer:** C

#### NEW QUESTION 92

- (Topic 2)

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

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

**Answer:** A

#### NEW QUESTION 94

- (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 99

- (Topic 2)

A recent audit has identified a few control exceptions and is recommending the implementation of technology and processes to address the finding. Which of the following is the MOST likely reason for the organization to reject the implementation of the recommended technology and processes?

- A. The auditors have not followed proper auditing processes
- B. The CIO of the organization disagrees with the finding
- C. The risk tolerance of the organization permits this risk
- D. The organization has purchased cyber insurance

**Answer:** C

#### NEW QUESTION 100

- (Topic 2)

Which of the following activities must be completed BEFORE you can calculate risk?

- A. Determining the likelihood that vulnerable systems will be attacked by specific threats
- B. Calculating the risks to which assets are exposed in their current setting
- C. Assigning a value to each information asset
- D. Assessing the relative risk facing the organization's information assets

**Answer:** C

#### NEW QUESTION 103

- (Topic 2)

The mean time to patch, number of virus outbreaks prevented, and number of vulnerabilities mitigated are examples of what type of performance metrics?

- A. Risk metrics
- B. Management metrics
- C. Operational metrics
- D. Compliance metrics

**Answer:** C

**NEW QUESTION 107**

- (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 110**

- (Topic 3)

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

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

**Answer: B**

**NEW QUESTION 113**

- (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 118**

- (Topic 3)

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

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

**Answer: D**

**NEW QUESTION 123**

- (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 125**

- (Topic 3)

The ultimate goal of an IT security projects is:

- A. Increase stock value
- B. Complete security
- C. Support business requirements
- D. Implement information security policies

**Answer: C**

**NEW QUESTION 126**

- (Topic 3)

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

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

**Answer: C**

**NEW QUESTION 129**

- (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 130**

- (Topic 3)

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

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

**Answer: D**

**NEW QUESTION 134**

- (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 137**

- (Topic 3)

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

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

**Answer: D**

**NEW QUESTION 139**

- (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 142**

- (Topic 3)

How often should the Statements of Standards for Attestation Engagements-16 (SSAE16)/International Standard on Assurance Engagements 3402 (ISAE3402) report of your vendors be reviewed?

- A. Quarterly
- B. Semi-annually
- C. Bi-annually
- D. Annually

**Answer: D**

**NEW QUESTION 143**

- (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 145

- (Topic 3)

A newly appointed security officer finds data leakage software licenses that had never been used. The officer decides to implement a project to ensure it gets installed, but the project gets a great deal of resistance across the organization. Which of the following represents the MOST likely reason for this situation?

- A. The software license expiration is probably out of synchronization with other software licenses
- B. The project was initiated without an effort to get support from impacted business units in the organization
- C. The software is out of date and does not provide for a scalable solution across the enterprise
- D. The security officer should allow time for the organization to get accustomed to her presence before initiating security projects

**Answer: B**

#### NEW QUESTION 148

- (Topic 3)

Which of the following will be MOST helpful for getting an Information Security project that is behind schedule back on schedule?

- A. Upper management support
- B. More frequent project milestone meetings
- C. More training of staff members
- D. Involve internal audit

**Answer: A**

#### NEW QUESTION 151

- (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 152

- (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 156

- (Topic 3)

You manage a newly created Security Operations Center (SOC), your team is being inundated with security alerts and don't know what to do. What is the BEST approach to handle this situation?

- A. Tell the team to do their best and respond to each alert
- B. Tune the sensors to help reduce false positives so the team can react better
- C. Request additional resources to handle the workload
- D. Tell the team to only respond to the critical and high alerts

**Answer: B**

#### NEW QUESTION 161

- (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 165

- (Topic 4)

The process of identifying and classifying assets is typically included in the

- A. Threat analysis process
- B. Asset configuration management process
- C. Business Impact Analysis
- D. Disaster Recovery plan

**Answer: C**

#### NEW QUESTION 169

- (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 172

- (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 176

- (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 179

- (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 183

- (Topic 4)

In terms of supporting a forensic investigation, it is now imperative that managers, first- responders, etc., accomplish the following actions to the computer under investigation:

- A. Secure the area and shut-down the computer until investigators arrive
- B. Secure the area and attempt to maintain power until investigators arrive
- C. Immediately place hard drive and other components in an anti-static bag
- D. Secure the area.

**Answer: B**

#### NEW QUESTION 188

- (Topic 4)

One of your executives needs to send an important and confidential email. You want to ensure that the message cannot be read by anyone but the recipient. Which of the following keys should be used to encrypt the message?

- A. Your public key
- B. The recipient's private key
- C. The recipient's public key

D. Certificate authority key

**Answer: C**

**NEW QUESTION 190**

- (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 195**

- (Topic 4)

An anonymity network is a series of?

- A. Covert government networks
- B. War driving maps
- C. Government networks in Tora
- D. Virtual network tunnels

**Answer: D**

**NEW QUESTION 197**

- (Topic 4)

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

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

**Answer: B**

**NEW QUESTION 199**

- (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 200**

- (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 204**

- (Topic 4)

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

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

**Answer: A**

**NEW QUESTION 208**

- (Topic 5)

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

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

**Answer: C**

#### NEW QUESTION 213

- (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 215

- (Topic 5)

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

- A. Validate the effectiveness of applied controls
- B. Validate security program resource requirements
- C. Report the audit findings and remediation status to business stake holders
- D. Review security procedures to determine if they need modified according to findings

**Answer: A**

#### NEW QUESTION 218

- (Topic 5)

The process to evaluate the technical and non-technical security controls of an IT system to validate that a given design and implementation meet a specific set of security requirements is called

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

**Answer: A**

#### NEW QUESTION 223

- (Topic 5)

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

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

**Answer: B**

#### NEW QUESTION 226

- (Topic 5)

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

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

**Answer: C**

#### NEW QUESTION 231

- (Topic 5)

What is the BEST reason for having a formal request for proposal process?

- A. Creates a timeline for purchasing and budgeting
- B. Allows small companies to compete with larger companies
- C. Clearly identifies risks and benefits before funding is spent

D. Informs suppliers a company is going to make a purchase

**Answer: C**

#### NEW QUESTION 232

- (Topic 5)

SCENARIO: Critical servers show signs of erratic behavior within your organization's intranet. Initial information indicates the systems are under attack from an outside entity. As the Chief Information Security Officer (CISO), you decide to deploy the Incident Response Team (IRT) to determine the details of this incident and take action according to the information available to the team.

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

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

**Answer: D**

#### NEW QUESTION 236

- (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 238

- (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 243

- (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 246

- (Topic 5)

Scenario: You are the CISO and are required to brief the C-level executive team on your information security audit for the year. During your review of the audit findings you discover that many of the controls that were put in place the previous year to correct some of the findings are not performing as needed. You have thirty days until the briefing.

To formulate a remediation plan for the non-performing controls what other document do you need to review before adjusting the controls?

- A. Business Impact Analysis
- B. Business Continuity plan
- C. Security roadmap
- D. Annual report to shareholders

**Answer: A**

#### NEW QUESTION 247

- (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.

In what phase of the response will the team extract information from the affected systems without altering original data?

- A. Response
- B. Investigation
- C. Recovery
- D. Follow-up

**Answer: B**

#### NEW QUESTION 251

- (Topic 5)

Scenario: You are the CISO and have just completed your first risk assessment for your organization. You find many risks with no security controls, and some risks with inadequate controls. You assign work to your staff to create or adjust existing security controls to ensure they are adequate for risk mitigation needs. When formulating the remediation plan, what is a required input?

- A. Board of directors
- B. Risk assessment
- C. Patching history
- D. Latest virus definitions file

**Answer: B**

#### NEW QUESTION 256

- (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 259

- (Topic 5)

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

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

**Answer: A**

#### NEW QUESTION 262

- (Topic 5)

Scenario: You are the newly hired Chief Information Security Officer for a company that has not previously had a senior level security practitioner. The company lacks a defined security policy and framework for their Information Security Program. Your new boss, the Chief Financial Officer, has asked you to draft an outline of a security policy and recommend an industry/sector neutral information security control framework for implementation.

Which of the following industry / sector neutral information security control frameworks should you recommend for implementation?

- A. National Institute of Standards and Technology (NIST) Special Publication 800-53
- B. Payment Card Industry Digital Security Standard (PCI DSS)
- C. International Organization for Standardization – ISO 27001/2
- D. British Standard 7799 (BS7799)

**Answer: C**

#### NEW QUESTION 266

- (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 268

- (Topic 5)

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

budget. Using best business practices for project management you determine that the project correctly aligns with the company goals. Which of the following needs to be performed NEXT?

- A. Verify the scope of the project
- B. Verify the regulatory requirements
- C. Verify technical resources
- D. Verify capacity constraints

**Answer: C**

#### NEW QUESTION 272

- (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 275

- (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. Once supervisors and data owners have approved requests, information system administrators will implement

- A. Technical control(s)
- B. Management control(s)
- C. Policy control(s)
- D. Operational control(s)

**Answer: A**

#### NEW QUESTION 279

- (Topic 5)

Scenario: You are the CISO and have just completed your first risk assessment for your organization. You find many risks with no security controls, and some risks with inadequate controls. You assign work to your staff to create or adjust existing security controls to ensure they are adequate for risk mitigation needs. When adjusting the controls to mitigate the risks, how often should the CISO perform an audit to verify the controls?

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

**Answer: D**

#### NEW QUESTION 281

- (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 284

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