



EC-Council

Exam Questions 712-50

EC-Council Certified CISO (CCISO)

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NEW QUESTION 1

- (Topic 1)

One of the MAIN goals of a Business Continuity Plan is to

- A. Ensure all infrastructure and applications are available in the event of a disaster
- B. Allow all technical first-responders to understand their roles in the event of a disaster
- C. Provide step by step plans to recover business processes in the event of a disaster
- D. Assign responsibilities to the technical teams responsible for the recovery of all data.

Answer: C

NEW QUESTION 2

- (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 3

- (Topic 1)

Which of the following is MOST likely to be discretionary?

- A. Policies
- B. Procedures
- C. Guidelines
- D. Standards

Answer: C

NEW QUESTION 4

- (Topic 1)

You have implemented a new security control. Which of the following risk strategy options have you engaged in?

- A. Risk Avoidance
- B. Risk Acceptance
- C. Risk Transfer
- D. Risk Mitigation

Answer: D

NEW QUESTION 5

- (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 6

- (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 7

- (Topic 1)

When managing the security architecture for your company you must consider:

- A. Security and IT Staff size
- B. Company Values
- C. Budget
- D. All of the above

Answer: D

NEW QUESTION 8

- (Topic 1)

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

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

Answer: :C

NEW QUESTION 9

- (Topic 1)

When would it be more desirable to develop a set of decentralized security policies and procedures within an enterprise environment?

- A. When there is a need to develop a more unified incident response capability.
- B. When the enterprise is made up of many business units with diverse business activities, risks profiles and regulatory requirements.
- C. When there is a variety of technologies deployed in the infrastructure.
- D. When it results in an overall lower cost of operating the security program.

Answer: B

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 10

- (Topic 1)

What is a difference from the list below between quantitative and qualitative Risk Assessment?

- A. Quantitative risk assessments result in an exact number (in monetary terms)
- B. Qualitative risk assessments result in a quantitative assessment (high, medium, low, red, yellow, green)
- C. Qualitative risk assessments map to business objectives
- D. Quantitative risk assessments result in a quantitative assessment (high, medium, low, red, yellow, green)

Answer: A

NEW QUESTION 15

- (Topic 1)

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

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

Answer: C

NEW QUESTION 17

- (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 20

- (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 24

- (Topic 1)

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

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

Answer: A

NEW QUESTION 25

- (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 26

- (Topic 1)

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

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

Answer: D

NEW QUESTION 30

- (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 34

- (Topic 1)

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

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

Answer: :A

NEW QUESTION 37

- (Topic 1)

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

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

Answer: C

NEW QUESTION 38

- (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 40

- (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 41

- (Topic 1)

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

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

Answer: A

NEW QUESTION 43

- (Topic 1)

What is the main purpose of the Incident Response Team?

- A. Ensure efficient recovery and reinstate repaired systems
- B. Create effective policies detailing program activities
- C. Communicate details of information security incidents
- D. Provide current employee awareness programs

Answer: A

NEW QUESTION 44

- (Topic 1)

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

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

Answer: D

NEW QUESTION 47

- (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 48

- (Topic 1)

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

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

Answer: D

NEW QUESTION 51

- (Topic 1)

The Information Security Management program MUST protect:

- A. all organizational assets
- B. critical business processes and /or revenue streams
- C. intellectual property released into the public domain
- D. against distributed denial of service attacks

Answer: B

NEW QUESTION 55

- (Topic 1)

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

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

Answer: D

NEW QUESTION 59

- (Topic 1)

Risk that remains after risk mitigation is known as

- A. Persistent risk
- B. Residual risk
- C. Accepted risk
- D. Non-tolerated risk

Answer: B

NEW QUESTION 60

- (Topic 1)

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

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

Answer: B

NEW QUESTION 62

- (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 67

- (Topic 2)

Control Objectives for Information and Related Technology (COBIT) is which of the following?

- A. An Information Security audit standard
- B. An audit guideline for certifying secure systems and controls
- C. A framework for Information Technology management and governance
- D. A set of international regulations for Information Technology governance

Answer: C

NEW QUESTION 69

- (Topic 2)

The regular review of a firewall ruleset is considered a

- A. Procedural control

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

Answer: A

NEW QUESTION 74

- (Topic 2)

Which of the following tests is an IS auditor performing when a sample of programs is selected to determine if the source and object versions are the same?

- A. A substantive test of program library controls
- B. A compliance test of program library controls
- C. A compliance test of the program compiler controls
- D. A substantive test of the program compiler controls

Answer: B

NEW QUESTION 75

- (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 76

- (Topic 2)

At which point should the identity access management team be notified of the termination of an employee?

- A. At the end of the day once the employee is off site
- B. During the monthly review cycle
- C. Immediately so the employee account(s) can be disabled
- D. Before an audit

Answer: C

NEW QUESTION 80

- (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 85

- (Topic 2)

Your IT auditor is reviewing significant events from the previous year and has identified some procedural oversights. Which of the following would be the MOST concerning?

- A. Lack of notification to the public of disclosure of confidential information.
- B. Lack of periodic examination of access rights
- C. Failure to notify police of an attempted intrusion
- D. Lack of reporting of a successful denial of service attack on the network.

Answer: A

NEW QUESTION 88

- (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 93

- (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 96

- (Topic 2)

Which of the following illustrates an operational control process:

- A. Classifying an information system as part of a risk assessment
- B. Installing an appropriate fire suppression system in the data center
- C. Conducting an audit of the configuration management process
- D. Establishing procurement standards for cloud vendors

Answer: B

NEW QUESTION 100

- (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 101

- (Topic 2)

Which of the following set of processes is considered to be one of the cornerstone cycles of the International Organization for Standardization (ISO) 27001 standard?

- A. Plan-Check-Do-Act
- B. Plan-Do-Check-Act
- C. Plan-Select-Implement-Evaluate
- D. SCORE (Security Consensus Operational Readiness Evaluation)

Answer: B

NEW QUESTION 106

- (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 108

- (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 111

- (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 112

- (Topic 2)

Many times a CISO may have to speak to the Board of Directors (BOD) about their cyber security posture. What would be the BEST choice of security metrics to present to the BOD?

- A. All vulnerabilities found on servers and desktops
- B. Only critical and high vulnerabilities on servers and desktops
- C. Only critical and high vulnerabilities that impact important production servers
- D. All vulnerabilities that impact important production servers

Answer: C

NEW QUESTION 117

- (Topic 2)

Which of the following activities results in change requests?

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

Answer: A

NEW QUESTION 119

- (Topic 2)

An audit was conducted and many critical applications were found to have no disaster recovery plans in place. You conduct a Business Impact Analysis (BIA) to determine impact to the company for each application. What should be the NEXT step?

- A. Determine the annual loss expectancy (ALE)
- B. Create a crisis management plan
- C. Create technology recovery plans
- D. Build a secondary hot site

Answer: C

NEW QUESTION 123

- (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 125

- (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 127

- (Topic 2)

The effectiveness of an audit is measured by?

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

Answer: C

NEW QUESTION 130

- (Topic 2)

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

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

Answer: C

NEW QUESTION 135

- (Topic 3)

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

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

Answer: B

NEW QUESTION 139

- (Topic 3)

Which of the following is considered one of the most frequent failures in project management?

- A. Overly restrictive management
- B. Excessive personnel on project
- C. Failure to meet project deadlines
- D. Insufficient resources

Answer: C

NEW QUESTION 143

- (Topic 3)

You are the CISO of a commercial social media organization. The leadership wants to rapidly create new methods of sharing customer data through creative linkages with mobile devices. You have voiced concern about privacy regulations but the velocity of the business is given priority. Which of the following BEST describes this organization?

- A. Risk averse
- B. Risk tolerant
- C. Risk conditional
- D. Risk minimal

Answer: B

NEW QUESTION 146

- (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 149

- (Topic 3)

Your incident response plan should include which of the following?

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

Answer: C

NEW QUESTION 150

- (Topic 3)

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

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

Answer: B

NEW QUESTION 152

- (Topic 3)

A stakeholder is a person or group:

- A. Vested in the success and/or failure of a project or initiative regardless of budget implications.
- B. Vested in the success and/or failure of a project or initiative and is tied to the project budget.
- C. That has budget authority.
- D. That will ultimately use the system.

Answer: A

NEW QUESTION 155

- (Topic 3)

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

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

Answer: C

NEW QUESTION 156

- (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 158

- (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 159

- (Topic 3)

Information Security is often considered an excessive, after-the-fact cost when a project or initiative is completed. What can be done to ensure that security is addressed cost effectively?

- A. User awareness training for all employees
- B. Installation of new firewalls and intrusion detection systems
- C. Launch an internal awareness campaign
- D. Integrate security requirements into project inception

Answer: D

NEW QUESTION 160

- (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 163

- (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 166

- (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 168

- (Topic 3)

A CISO decides to analyze the IT infrastructure to ensure security solutions adhere to the concepts of how hardware and software is implemented and managed within the organization. Which of the following principles does this best demonstrate?

- A. Alignment with the business
- B. Effective use of existing technologies
- C. Leveraging existing implementations
- D. Proper budget management

Answer: A

NEW QUESTION 169

- (Topic 3)

Which of the following functions implements and oversees the use of controls to reduce risk when creating an information security program?

- A. Risk Assessment
- B. Incident Response
- C. Risk Management
- D. Network Security administration

Answer: C

NEW QUESTION 172

- (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 174

- (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 175

- (Topic 3)

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

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

Answer: B

NEW QUESTION 179

- (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 182

- (Topic 3)

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

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

Answer: A

NEW QUESTION 185

- (Topic 3)

Which of the following can the company implement in order to avoid this type of security issue in the future?

- A. Network based intrusion detection systems
- B. A security training program for developers
- C. A risk management process
- D. A audit management process

Answer: B

NEW QUESTION 187

- (Topic 3)

What oversight should the information security team have in the change management process for application security?

- A. Information security should be informed of changes to applications only
- B. Development team should tell the information security team about any application security flaws
- C. Information security should be aware of any significant application security changes and work with developer to test for vulnerabilities before changes are deployed in production
- D. Information security should be aware of all application changes and work with developers before changes are deployed in production

Answer: C

NEW QUESTION 190

- (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 194

- (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 195

- (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 198

- (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 202

- (Topic 3)

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

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

Answer: A

NEW QUESTION 207

- (Topic 3)

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

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

Answer: B

NEW QUESTION 209

- (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 212

- (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 217

- (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 221

- (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 226

- (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 228

- (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 231

- (Topic 4)

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

- A. Mastered
- B. Not Mastered

Answer: A

NEW QUESTION 233

- (Topic 4)

Which of the following is a symmetric encryption algorithm?

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

Answer: A

NEW QUESTION 236

- (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 240

- (Topic 4)

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

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

Answer: A

NEW QUESTION 241

- (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 246

- (Topic 4)

Your penetration testing team installs an in-line hardware key logger onto one of your network machines. Which of the following is of major concern to the security organization?

- A. In-line hardware keyloggers don't require physical access
- B. In-line hardware keyloggers don't comply to industry regulations
- C. In-line hardware keyloggers are undetectable by software
- D. In-line hardware keyloggers are relatively inexpensive

Answer: C

NEW QUESTION 251

- (Topic 5)

Scenario: Your company has many encrypted telecommunications links for their world-wide operations. Physically distributing symmetric keys to all locations has proven to be administratively burdensome, but symmetric keys are preferred to other alternatives.

Symmetric encryption in general is preferable to asymmetric encryption when:

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

Answer: C

NEW QUESTION 256

- (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 260

- (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 263

- (Topic 5)

When updating the security strategic planning document what two items must be included?

- A. Alignment with the business goals and the vision of the CIO
- B. The risk tolerance of the company and the company mission statement
- C. The executive summary and vision of the board of directors
- D. The alignment with the business goals and the risk tolerance

Answer: D

NEW QUESTION 264

- (Topic 5)

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

- A. To decide between multiple vendors
- B. To decide if the solution costs less than the risk it is mitigating
- C. To determine the current present value of a project
- D. To determine the annual rate of loss

Answer: B

NEW QUESTION 268

- (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.

Your defenses did not hold up to the test as originally thought. As you investigate how the data was compromised through log analysis you discover that a hardworking, but misguided business intelligence analyst posted the data to an obfuscated URL on a popular cloud storage service so they could work on it from home during their off-time. Which technology or solution could you deploy to prevent employees from removing corporate data from your network? Choose the BEST answer.

- A. Security Guards posted outside the Data Center
- B. Data Loss Prevention (DLP)
- C. Rigorous syslog reviews
- D. Intrusion Detection Systems (IDS)

Answer: B

NEW QUESTION 269

- (Topic 5)

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

The CISO has been able to implement a number of technical controls and is able to influence the Information Technology teams but has not been able to influence the rest of the organization. From an organizational perspective, which of the following is the LIKELY reason for this?

- A. The CISO does not report directly to the CEO of the organization
- B. The CISO reports to the IT organization
- C. The CISO has not implemented a policy management framework
- D. The CISO has not implemented a security awareness program

Answer: B

NEW QUESTION 270

- (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 273

- (Topic 5)

Scenario: Your program is developed around minimizing risk to information by focusing on people, technology, and operations.

An effective way to evaluate the effectiveness of an information security awareness program for end users, especially senior executives, is to conduct periodic:

- A. Controlled spear phishing campaigns
- B. Password changes
- C. Baselining of computer systems
- D. Scanning for viruses

Answer: A

NEW QUESTION 276

- (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 278

- (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 280

- (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 285

- (Topic 5)

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

Using the best business practices for project management you determine that the project correctly aligns with the company goals and the scope of the project is correct. What is the NEXT step?

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

Answer: C

NEW QUESTION 289

- (Topic 5)

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

Your Corporate Information Security Policy should include which of the following?

- A. Information security theory
- B. Roles and responsibilities
- C. Incident response contacts
- D. Desktop configuration standards

Answer: B

NEW QUESTION 292

- (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 296

- (Topic 5)

Which of the following is considered the foundation for the Enterprise Information Security Architecture (EISA)?

- A. Security regulations
- B. Asset classification
- C. Information security policy
- D. Data classification

Answer: C

NEW QUESTION 301

- (Topic 5)

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

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

Answer: D

NEW QUESTION 302

- (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 303

- (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 304

- (Topic 5)

John is the project manager for a large project in his organization. A new change request has been proposed that will affect several areas of the project. One area of the project change impact is on work that a vendor has already completed. The vendor is refusing to make the changes as they've already completed the project work they were contracted to do. What can John do in this instance?

- A. Refer the vendor to the Service Level Agreement (SLA) and insist that they make the changes.
- B. Review the Request for Proposal (RFP) for guidance.
- C. Withhold the vendor's payments until the issue is resolved.
- D. Refer to the contract agreement for direction.

Answer: D

NEW QUESTION 305

- (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 307

- (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 308

- (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 309

- (Topic 5)

When analyzing and forecasting an operating expense budget what are not included?

- A. Software and hardware license fees
- B. Utilities and power costs
- C. Network connectivity costs
- D. New datacenter to operate from

Answer: D

NEW QUESTION 311

- (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 313

- (Topic 5)

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

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

Answer: A

NEW QUESTION 315

- (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 317

- (Topic 5)

The total cost of security controls should:

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

Answer: C

NEW QUESTION 322

- (Topic 5)

SCENARIO: A CISO has several two-factor authentication systems under review and selects the one that is most sufficient and least costly. The implementation project planning is completed and the teams are ready to implement the solution. The CISO then discovers that the product it is not as scalable as originally thought and will not fit the organization's needs.

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

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

Answer: B

NEW QUESTION 323

- (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 328

- (Topic 5)

SCENARIO: A CISO has several two-factor authentication systems under review and selects the one that is most sufficient and least costly. The implementation project planning is completed and the teams are ready to implement the solution. The CISO then discovers that the product it is not as scalable as originally thought and will not fit the organization's needs.

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

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

Answer: D

NEW QUESTION 330

- (Topic 5)

Involvement of senior management is MOST important in the development of:

- A. IT security implementation plans.
- B. Standards and guidelines.
- C. IT security policies.
- D. IT security procedures.

Answer: C

NEW QUESTION 331

- (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 333

- (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 334

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