

## 712-50 Dumps

### EC-Council Certified CISO (CCISO)

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**NEW QUESTION 1**

- (Topic 1)

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

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

**Answer:** A

**NEW QUESTION 2**

- (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 3**

- (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 4**

- (Topic 1)

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

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

**Answer:** B

**NEW QUESTION 5**

- (Topic 1)

When dealing with a risk management process, asset classification is important because it will impact the overall:

- A. Threat identification
- B. Risk monitoring
- C. Risk treatment
- D. Risk tolerance

**Answer:** C

**NEW QUESTION 6**

- (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 7**

- (Topic 1)

Information security policies should be reviewed:

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

**Answer:** A

**NEW QUESTION 8**

- (Topic 1)

You have a system with 2 identified risks. You determine the probability of one risk occurring is higher than the

- A. Controlled mitigation effort
- B. Risk impact comparison
- C. Relative likelihood of event
- D. Comparative threat analysis

**Answer:** C

**NEW QUESTION 9**

- (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)

What two methods are used to assess risk impact?

- A. Cost and annual rate of expectance
- B. Subjective and Objective
- C. Qualitative and percent of loss realized
- D. Quantitative and qualitative

**Answer:** D

**NEW QUESTION 10**

- (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 11**

- (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 13**

- (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 18**

- (Topic 1)

The success of the Chief Information Security Officer is MOST dependent upon:

- A. favorable audit findings

- B. following the recommendations of consultants and contractors
- C. development of relationships with organization executives
- D. raising awareness of security issues with end users

**Answer:** C

**NEW QUESTION 21**

- (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 22**

- (Topic 1)

Quantitative Risk Assessments have the following advantages over qualitative risk assessments:

- A. They are objective and can express risk / cost in real numbers
- B. They are subjective and can be completed more quickly
- C. They are objective and express risk / cost in approximates
- D. They are subjective and can express risk /cost in real numbers

**Answer:** A

**NEW QUESTION 27**

- (Topic 1)

What is the first thing that needs to be completed in order to create a security program for your organization?

- A. Risk assessment
- B. Security program budget
- C. Business continuity plan
- D. Compliance and regulatory analysis

**Answer:** A

**NEW QUESTION 30**

- (Topic 1)

What is the BEST way to achieve on-going compliance monitoring in an organization?

- A. Only check compliance right before the auditors are scheduled to arrive onsite.
- B. Outsource compliance to a 3rd party vendor and let them manage the program.
- C. Have Compliance and Information Security partner to correct issues as they arise.
- D. Have Compliance direct Information Security to fix issues after the auditors report.

**Answer:** C

**NEW QUESTION 33**

- (Topic 1)

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

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

**Answer:** B

**NEW QUESTION 35**

- (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 40**

- (Topic 1)

When briefing senior management on the creation of a governance process, the MOST important aspect should be:

- A. information security metrics.
- B. knowledge required to analyze each issue.
- C. baseline against which metrics are evaluated.
- D. linkage to business area objectives.

**Answer:** D

**NEW QUESTION 43**

- (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 48**

- (Topic 1)

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

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

**Answer:** A

**NEW QUESTION 49**

- (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 51**

- (Topic 1)

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

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

**Answer:** D

**NEW QUESTION 54**

- (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 59**

- (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 63**

- (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 64**

- (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 66**

- (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 68**

- (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 69**

- (Topic 1)

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

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

**Answer: C**

**NEW QUESTION 73**

- (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 77**

- (Topic 1)

An organization is looking for a framework to measure the efficiency and effectiveness of their Information Security Management System. Which of the following international standards can BEST assist this organization?

- A. International Organization for Standardizations – 27004 (ISO-27004)
- B. Payment Card Industry Data Security Standards (PCI-DSS)
- C. Control Objectives for Information Technology (COBIT)



D. International Organization for Standardizations – 27005 (ISO-27005)

**Answer:** A

**NEW QUESTION 82**

- (Topic 1)

The framework that helps to define a minimum standard of protection that business stakeholders must attempt to achieve is referred to as a standard of:

- A. Due Protection
- B. Due Care
- C. Due Compromise
- D. Due process

**Answer:** B

**NEW QUESTION 87**

- (Topic 1)

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

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

**Answer:** D

**NEW QUESTION 90**

- (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 94**

- (Topic 2)

How often should an environment be monitored for cyber threats, risks, and exposures?

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

**Answer:** D

**NEW QUESTION 96**

- (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 98**

- (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 102**

- (Topic 2)

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

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

**Answer:** A

#### NEW QUESTION 103

- (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 104

- (Topic 2)

When measuring the effectiveness of an Information Security Management System which one of the following would be MOST LIKELY used as a metric framework?

- A. ISO 27001
- B. PRINCE2
- C. ISO 27004
- D. ITILv3

**Answer:** C

#### NEW QUESTION 109

- (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 114

- (Topic 2)

You are the Chief Information Security Officer of a large, multinational bank and you suspect there is a flaw in a two factor authentication token management process. Which of the following represents your BEST course of action?

- A. Validate that security awareness program content includes information about the potential vulnerability
- B. Conduct a thorough risk assessment against the current implementation to determine system functions
- C. Determine program ownership to implement compensating controls
- D. Send a report to executive peers and business unit owners detailing your suspicions

**Answer:** B

#### NEW QUESTION 118

- (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 122

- (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 125**

- (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 126**

- (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 128**

- (Topic 2)

The CIO of an organization has decided to assign the responsibility of internal IT audit to the IT team. This is consider a bad practice MAINLY because

- A. The IT team is not familiar in IT audit practices
- B. This represents a bad implementation of the Least Privilege principle
- C. This represents a conflict of interest
- D. The IT team is not certified to perform audits

**Answer: C**

**NEW QUESTION 129**

- (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 132**

- (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 133**

- (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 136**

- (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 141**

- (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 146**

- (Topic 2)

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

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

**Answer:** B

**NEW QUESTION 151**

- (Topic 2)

Which of the following best represents a calculation for Annual Loss Expectancy (ALE)?

- A. Single loss expectancy multiplied by the annual rate of occurrence
- B. Total loss expectancy multiplied by the total loss frequency
- C. Value of the asset multiplied by the loss expectancy
- D. Replacement cost multiplied by the single loss expectancy

**Answer:** A

**NEW QUESTION 154**

- (Topic 2)

Which of the following is the MOST effective way to measure the effectiveness of security controls on a perimeter network?

- A. Perform a vulnerability scan of the network
- B. External penetration testing by a qualified third party
- C. Internal Firewall ruleset reviews
- D. Implement network intrusion prevention systems

**Answer:** B

**NEW QUESTION 158**

- (Topic 2)

Which of the following is a fundamental component of an audit record?

- A. Date and time of the event
- B. Failure of the event
- C. Originating IP-Address
- D. Authentication type

**Answer:** A

**NEW QUESTION 163**

- (Topic 2)

Which of the following is considered to be an IT governance framework and a supporting toolset that allows for managers to bridge the gap between control requirements, technical issues, and business risks?

- A. Control Objective for Information Technology (COBIT)
- B. Committee of Sponsoring Organizations (COSO)
- C. Payment Card Industry (PCI)
- D. Information Technology Infrastructure Library (ITIL)

**Answer:** A

**NEW QUESTION 167**

- (Topic 2)

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

- A. Identify and evaluate the existing controls.

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

**Answer:** A

#### NEW QUESTION 172

- (Topic 2)

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

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

**Answer:** D

#### NEW QUESTION 177

- (Topic 2)

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

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

**Answer:** C

#### NEW QUESTION 180

- (Topic 2)

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

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

**Answer:** C

#### NEW QUESTION 182

- (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 184

- (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 189

- (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 192

- (Topic 3)

The security team has investigated the theft/loss of several unencrypted laptop computers containing sensitive corporate information. To prevent the loss of any additional corporate data it is unilaterally decided by the CISO that all existing and future laptop computers will be encrypted. Soon, the help desk is flooded with complaints about the slow performance of the laptops and users are upset. What did the CISO do wrong? (choose the BEST answer):

- A. Failed to identify all stakeholders and their needs
- B. Deployed the encryption solution in an inadequate manner
- C. Used 1024 bit encryption when 256 bit would have sufficed
- D. Used hardware encryption instead of software encryption

**Answer:** A

#### NEW QUESTION 194

- (Topic 3)

A person in your security team calls you at night and informs you that one of your web applications is potentially under attack from a cross-site scripting vulnerability. What do you do?

- A. tell him to shut down the server
- B. tell him to call the police
- C. tell him to invoke the incident response process
- D. tell him to analyze the problem, preserve the evidence and provide a full analysis and report

**Answer:** C

#### NEW QUESTION 196

- (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 198

- (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 203

- (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 207

- (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 211

- (Topic 3)

In order for a CISO to have true situational awareness there is a need to deploy technology that can give a real-time view of security events across the enterprise. Which tool selection represents the BEST choice to achieve situational awareness?

- A. VMware, router, switch, firewall, syslog, vulnerability management system (VMS)
- B. Intrusion Detection System (IDS), firewall, switch, syslog
- C. Security Incident Event Management (SIEM), IDS, router, syslog

D. SIEM, IDS, firewall, VMS

**Answer:** D

**NEW QUESTION 213**

- (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 217**

- (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 219**

- (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 224**

- (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 225**

- (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 230**

- (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 231**

- (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 233

- (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 236

- (Topic 3)

A system was hardened at the Operating System level and placed into the production environment. Months later an audit was performed and it identified insecure configuration different from the original hardened state. Which of the following security issues is the MOST likely reason leading to the audit findings?

- A. Lack of asset management processes
- B. Lack of change management processes
- C. Lack of hardening standards
- D. Lack of proper access controls

**Answer:** B

#### NEW QUESTION 240

- (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 244

- (Topic 4)

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

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

**Answer:** D

#### NEW QUESTION 246

- (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 248

- (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 250**

- (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 251**

- (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 252**

- (Topic 4)

Your incident handling manager detects a virus attack in the network of your company. You develop a signature based on the characteristics of the detected virus. Which of the following phases in the incident handling process will utilize the signature to resolve this incident?

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

**Answer:** D

**NEW QUESTION 254**

- (Topic 4)

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

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

**Answer:** C

**NEW QUESTION 257**

- (Topic 4)

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

- A. non-repudiation
- B. conflict resolution
- C. strong authentication
- D. digital rights management

**Answer:** A

**NEW QUESTION 262**

- (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 264**

- (Topic 4)

Which of the following is a symmetric encryption algorithm?

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

**Answer:** A

**NEW QUESTION 268**

- (Topic 4)

Physical security measures typically include which of the following components?

- A. Physical, Technical, Operational
- B. Technical, Strong Password, Operational
- C. Operational, Biometric, Physical
- D. Strong password, Biometric, Common Access Card

**Answer:** A

**NEW QUESTION 273**

- (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 275**

- (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 278**

- (Topic 5)

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

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

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

**Answer:** C

**NEW QUESTION 279**

- (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. Which of the following would be the FIRST step when addressing Information Security formally and consistently in this organization?

- A. Contract a third party to perform a security risk assessment
- B. Define formal roles and responsibilities for Internal audit functions
- C. Define formal roles and responsibilities for Information Security
- D. Create an executive security steering committee

**Answer:** C

**NEW QUESTION 282**

- (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 283

- (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 288

- (Topic 5)

Scenario: Most industries require compliance with multiple government regulations and/or industry standards to meet data protection and privacy mandates. When multiple regulations or standards apply to your industry you should set controls to meet the:

- A. Easiest regulation or standard to implement
- B. Stricter regulation or standard
- C. Most complex standard to implement
- D. Recommendations of your Legal Staff

**Answer:** A

#### NEW QUESTION 292

- (Topic 5)

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

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

**Answer:** B

#### NEW QUESTION 296

- (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 301

- (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 306

- (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 311

- (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 315

- (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 317

- (Topic 5)

What is the primary reason for performing vendor management?

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

**Answer:** A

#### NEW QUESTION 318

- (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 319

- (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 322

- (Topic 5)

Your company has limited resources to spend on security initiatives. The Chief Financial Officer asks you to prioritize the protection of information resources based on their value to the company. It is essential that you be able to communicate in language that your fellow executives will understand. You should:

- A. Create timelines for mitigation
- B. Develop a cost-benefit analysis

- C. Calculate annual loss expectancy
- D. Create a detailed technical executive summary

**Answer:** B

#### NEW QUESTION 324

- (Topic 5)

Scenario: Most industries require compliance with multiple government regulations and/or industry standards to meet data protection and privacy mandates. What is one proven method to account for common elements found within separate regulations and/or standards?

- A. Hire a GRC expert
- B. Use the Find function of your word processor
- C. Design your program to meet the strictest government standards
- D. Develop a crosswalk

**Answer:** D

#### NEW QUESTION 326

- (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 330

- (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 331

- (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 333

- (Topic 5)

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

Which of the following is the FIRST action the CISO will perform after receiving the audit report?

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

**Answer:** B

#### NEW QUESTION 337

- (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 339**

- (Topic 5)

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

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

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

**Answer:** B

**NEW QUESTION 343**

- (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 346**

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