

Retention of business records is generally driven by legal and regulatory requirements. Business strategy and direction would not normally apply nor would they override legal and regulatory requirements. Storage capacity and longevity are important but secondary issues. Business case and value analysis would be secondary to complying with legal and regulatory requirements.

QUESTION 45

Which of the following would BEST prepare an information security manager for regulatory reviews?

- A. Assign an information security administrator as regulatory liaison
- B. Perform self-assessments using regulatory guidelines and reports
- C. Assess previous regulatory reports with process owners input
- D. Ensure all regulatory inquiries are sanctioned by the legal department

Correct Answer: B

Explanation:

Self-assessments provide the best feedback on readiness and permit identification of items requiring remediation. Directing regulators to a specific person or department, or assessing previous reports, is not as effective. The legal department should review all formal inquiries but this does not help prepare for a regulatory review.

QUESTION 46

Which of the following are seldom changed in response to technological changes?

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

Correct Answer: C

Explanation:

Policies are high-level statements of objectives. Because of their high-level nature and statement of broad operating principles, they are less subject to periodic change. Security standards and procedures as well as guidelines must be revised and updated based on the impact of technology changes.

QUESTION 47

A good privacy statement should include:

- A. notification of liability on accuracy of information.
- B. notification that information will be encrypted.
- C. what the company will do with information it collects.
- D. a description of the information classification process.

Correct Answer: C

Explanation:

Most privacy laws and regulations require disclosure on how information will be used. Choice A is incorrect because that information should be located in the web site's disclaimer. Choice B is incorrect because, although encryption may be applied, this is not generally disclosed. Choice D is incorrect because information classification would be contained in a separate policy.

QUESTION 48

An internal audit has identified major weaknesses over IT processing. Which of the following should an information security manager use to BEST convey a sense of urgency to management?

- A. Security metrics reports
- B. Risk assessment reports
- C. Business impact analysis (BIA)
- D. Return on security investment report

Correct Answer: B

Explanation:

Performing a risk assessment will allow the information security manager to prioritize the remedial measures and provide a means to convey a sense of urgency to management. Metrics reports are normally contained within the methodology of the risk assessment to give it credibility and provide an ongoing tool. The business impact analysis (BIA) covers continuity risks only. Return on security investment cannot be determined until a plan is developed based on the BIA.

QUESTION 49

Which of the following MOST commonly falls within the scope of an information security governance steering committee?

- A. Interviewing candidates for information security specialist positions
- B. Developing content for security awareness programs
- C. Prioritizing information security initiatives
- D. Approving access to critical financial systems

Correct Answer: C

Explanation:

Prioritizing information security initiatives is the only appropriate item. The interviewing of specialists should be performed by the information security manager, while the developing of program content should be performed by the information security staff. Approving access to critical financial systems is the responsibility of individual system data owners.

QUESTION 50

To justify its ongoing security budget, which of the following would be of MOST use to the information security department?

- A. Security breach frequency
- B. Annualized loss expectancy (ALE)
- C. Cost-benefit analysis
- D. Peer group comparison

Correct Answer: C

Explanation:

Cost-benefit analysis is the legitimate way to justify budget. The frequency of security breaches may assist the argument for budget but is not the key tool; it does not address the impact. Annualized loss expectancy (ALE) does not address the potential benefit of security investment. Peer group comparison would provide a good estimate for the necessary security budget but it would not take into account the specific needs of the organization.

QUESTION 51

Which of the following is the MOST important factor when designing information security architecture?

- A. Technical platform interfaces
- B. Scalability of the network
- C. Development methodologies
- D. Stakeholder requirements

Correct Answer: D

Explanation:

The most important factor for information security is that it advances the interests of the business, as defined by stakeholder requirements. Interoperability and scalability, as well as development methodologies, are all important but are without merit if a technologically- elegant solution is achieved that does not meet the needs of the business.

QUESTION 52

The organization has decided to outsource the majority of the IT department with a vendor that is hosting servers in a foreign country. Of the following, which is the MOST critical security consideration?

- A. Laws and regulations of the country of origin may not be enforceable in the foreign country.
- B. A security breach notification might get delayed due to the time difference.
- C. Additional network intrusion detection sensors should be installed, resulting in an additional cost.
- D. The company could lose physical control over the server and be unable to monitor the physical security posture of the servers.

Correct Answer: A

Explanation:

A company is held to the local laws and regulations of the country in which the company resides, even if the company decides to place servers with a vendor that hosts the servers in a foreign country. A potential violation of local laws applicable to the company might not be recognized or rectified (i.e., prosecuted) due to the lack of knowledge of the local laws that are applicable and the inability to enforce the laws. Option B is not a problem. Time difference does not play a role in a 24/7 environment. Pagers, cellular phones, telephones, etc. are usually available to communicate notifications. Option C is a manageable problem that requires additional funding, but can be addressed. Option D is a problem that can be addressed. Most hosting providers have standardized the level of physical security that is in place. Regular physical audits or a SAS 70 report can address such concerns.

QUESTION 53

Effective IT governance is BEST ensured by:

- A. utilizing a bottom-up approach.
- B. management by the IT department.
- C. referring the matter to the organization's legal department.
- D. utilizing a top-down approach.

Correct Answer: D

Explanation:

Effective IT governance needs to be a top-down initiative, with the board and executive

management setting clear policies, goals and objectives and providing for ongoing monitoring of the same. Focus on the regulatory issues and management priorities may not be reflected effectively by a bottom-up approach. IT governance affects the entire organization and is not a matter concerning only the management of IT. The legal department is part of the overall governance process, but cannot take full responsibility.

QUESTION 54

The chief information security officer (CISO) should ideally have a direct reporting relationship to the:

- A. head of internal audit.
- B. chief operations officer (COO).
- C. chief technology officer (CTO).
- D. legal counsel.

Correct Answer: B

Explanation:

The chief information security officer (CISO) should ideally report to as high a level within the organization as possible. Among the choices given, the chief operations officer (COO) would have not only the appropriate level but also the knowledge of day-to-day operations. The head of internal audit and legal counsel would make good secondary choices, although they would not be as knowledgeable of the operations. Reporting to the chief technology officer (CTO) could become problematic as the CTO's goals for the infrastructure might, at times, run counter to the goals of information security.

QUESTION 55

An outcome of effective security governance is:

- A. business dependency assessment
- B. strategic alignment.
- C. risk assessment.
- D. planning.

Correct Answer: B

Explanation:

Business dependency assessment is a process of determining the dependency of a business on certain information resources. It is not an outcome or a product of effective security management. Strategic alignment is an outcome of effective security governance. Where there is good governance, there is likely to be strategic alignment. Risk assessment is not an outcome of effective security governance; it is a process. Planning comes at the beginning of effective security governance, and is not an outcome but a process.

QUESTION 56

What is the PRIMARY role of the information security manager in the process of information classification within an organization?

- A. Defining and ratifying the classification structure of information assets
- B. Deciding the classification levels applied to the organization's information assets
- C. Securing information assets in accordance with their classification
- D. Checking if information assets have been classified properly

Correct Answer: A

Explanation:

Defining and ratifying the classification structure of information assets is the primary role of the information security manager in the process of information classification within the organization. Choice B is incorrect because the final responsibility for deciding the classification levels rests with the data owners. Choice C is incorrect because the job of securing information assets is the responsibility of the data custodians. Choice D may be a role of an information security manager but is not the key role in this context.

QUESTION 57

Which of the following is the MOST important to keep in mind when assessing the value of information?

- A. The potential financial loss
- B. The cost of recreating the information
- C. The cost of insurance coverage
- D. Regulatory requirement

Correct Answer: A

Explanation:

The potential for financial loss is always a key factor when assessing the value of information. Choices B, C and D may be contributors, but not the key factor.

QUESTION 58

Which of the following would BEST ensure the success of information security governance within an organization?

- A. Steering committees approve security projects
- B. Security policy training provided to all managers
- C. Security training available to all employees on the intranet
- D. Steering committees enforce compliance with laws and regulations

Correct Answer: A

Explanation:

The existence of a steering committee that approves all security projects would be an indication of the existence of a good governance program. Compliance with laws and regulations is part of the responsibility of the steering committee but it is not a full answer. Awareness training is important at all levels in any medium, and also an indicator of good governance. However, it must be guided and approved as a security project by the steering committee.

QUESTION 59

Senior management commitment and support for information security will BEST be attained by an information security manager by emphasizing:

- A. organizational risk.
- B. organization wide metrics.
- C. security needs.
- D. the responsibilities of organizational units.

Correct Answer: A

Explanation:

Information security exists to help the organization meet its objectives. The information security manager should identify information security needs based on organizational needs.