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QUESTION 1

An IS auditor learns that a business owner violated the organization's security policy by creating a web page with access to production data. The auditor's NEXT step should be to:

- A. determine if sufficient access controls exist.
- B. assess the sensitivity of the production data.
- C. shut down the web page.
- D. escalate to senior management.

Correct Answer: D

QUESTION 2

Which of the following provides the BEST evidence of the validity and integrity of logs in an organization's security information and event management (SIEM) system?

- A. Compliance testing
- B. Stop-or-go sampling
- C. Substantive testing
- D. Variable sampling

Correct Answer: C

Substantive testing provides the best evidence of the validity and integrity of logs in an organization's security information and event management (SIEM) system, because it is a type of audit testing that directly examines the accuracy, completeness, and reliability of the data and transactions recorded in the logs. Substantive testing can involve various methods, such as re-performance, inspection, observation, inquiry, or computer-assisted audit techniques (CAATs), to verify the existence, occurrence, valuation, ownership, presentation, and disclosure of the log data¹. Substantive testing can also detect any errors, omissions, alterations, or manipulations of the log data that may indicate fraud or misstatement. Compliance testing (A) is not the best evidence of the validity and integrity of logs in an organization's SIEM system, because it is a type of audit testing that evaluates the design and effectiveness of the internal controls that are implemented to ensure compliance with laws, regulations, policies, and procedures. Compliance testing can involve various methods, such as walkthroughs, questionnaires, checklists, or flowcharts, to assess the adequacy, consistency, and operation of the internal controls¹. Compliance testing can provide assurance that the log data are generated and processed in accordance with the established rules and standards, but it does not directly verify the accuracy and reliability of the log data itself. Stop-or-go sampling (B) is not a type of audit testing, but a type of sampling technique that auditors use to select a sample from a population for testing. Stop-or-go sampling is a sequential sampling technique that allows auditors to stop testing before reaching the predetermined sample size if the results are satisfactory or conclusive. Stop-or-go sampling can reduce the audit cost and time by avoiding unnecessary testing, but it can also increase the sampling risk and uncertainty by relying on a smaller sample³. Stop-or-go sampling does not provide any evidence of the validity and integrity of logs in an organization's SIEM system by itself; it depends on the type and quality of the audit tests performed on the selected sample. Variable sampling (D) is not a type of audit testing, but a type of sampling technique that auditors use to estimate a numerical characteristic of a population for testing. Variable sampling is a statistical sampling technique that allows auditors to measure the amount or rate of error or deviation in a population by using quantitative methods. Variable sampling can provide precise and objective results by using mathematical formulas and confidence intervals⁴. Variable sampling does not provide any evidence of the



validity and integrity of logs in an organization's SIEM system by itself; it depends on the type and quality of the audit tests performed on the selected sample. References: Audit Testing Procedures - 5 Types and Their Use Cases 5 Types of Testing Methods Used During Audit Procedures | I.S. Partners Stop-or-Go Sampling Definition Variable Sampling Definition

QUESTION 3

An IS auditor finds that the cost of developing an application is now projected to significantly exceed the budget. Which of the following is the GREATEST risk to communicate to senior management?

- A. Noncompliance with project methodology
- B. Inability to achieve expected benefits
- C. Increased staff turnover
- D. Project abandonment

Correct Answer: B

QUESTION 4

Which of the following controls should be implemented to BEST minimize system downtime for maintenance?

- A. Nightly full backups
- B. Virtualization
- C. Warm site
- D. Clustering

Correct Answer: D

QUESTION 5

An IS auditor auditing the effectiveness of utilizing a hot site will MOST likely:

- A. review reciprocal agreements.
- B. review logical access controls.
- C. evaluate physical access controls.
- D. analyze system restoration procedures.

Correct Answer: D
