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Vendor:CompTIA

Exam Code:CAS-002

Exam Name:CompTIA Advanced Security Practitioner
Exam

Version:Demo

QUESTION 1

Company ABC is planning to outsource its Customer Relationship Management system (CRM) and marketing / leads management to Company XYZ.

Which of the following is the MOST important to be considered before going ahead with the service?

- A. Internal auditors have approved the outsourcing arrangement.
- B. Penetration testing can be performed on the externally facing web system.
- C. Ensure there are security controls within the contract and the right to audit.
- D. A physical site audit is performed on Company XYZ's management / operation.

Correct Answer: C

QUESTION 2

Due to a new regulation, a company has to increase active monitoring of security-related events to 24 hours a day. The security staff only has three full time employees that work during normal business hours. Instead of hiring new security analysts to cover the remaining shifts necessary to meet the monitoring requirement, the Chief Information Officer (CIO) has hired a Managed Security Service (MSS) to monitor events. Which of the following should the company do to ensure that the chosen MSS meets expectations?

- A. Develop a memorandum of understanding on what the MSS is responsible to provide.
- B. Create internal metrics to track MSS performance.
- C. Establish a mutually agreed upon service level agreement.
- D. Issue a RFP to ensure the MSS follows guidelines.

Correct Answer: C

QUESTION 3

A company has received the contract to begin developing a new suite of software tools to replace an aging collaboration solution. The original collaboration solution has been in place for nine years, contains over a million lines of code, and took over two years to develop originally. The SDLC has been broken up into eight primary stages, with each stage requiring an in-depth risk analysis before moving on to the next phase. Which of the following software development methods is MOST applicable?

- A. Spiral model
- B. Incremental model
- C. Waterfall model
- D. Agile model

Correct Answer: C

QUESTION 4

The security administrator at a company has received a subpoena for the release of all the email received and sent by the company Chief Information Officer (CIO) for the past three years. The security administrator is only able to find one year's worth of email records on the server and is now concerned about the possible legal implications of not complying with the request. Which of the following should the security administrator check BEFORE responding to the request?

- A. The company data privacy policies
- B. The company backup logs and archives
- C. The company data retention policies and guidelines
- D. The company data retention procedures

Correct Answer: B

QUESTION 5

In developing a new computing lifecycle process for a large corporation, the security team is developing the process for decommissioning computing equipment. In order to reduce the potential for data leakage, which of the following should the team consider? (Select TWO).

- A. Erase all files on drive
- B. Install of standard image
- C. Remove and hold all drives
- D. Physical destruction
- E. Drive wipe

Correct Answer: DE

QUESTION 6

Due to a new regulatory requirement, ABC Company must now encrypt all WAN transmissions. When speaking with the network administrator, the security administrator learns that the existing routers have the minimum processing power to do the required level of encryption. Which of the following solutions minimizes the performance impact on the router?

- A. Deploy inline network encryption devices
- B. Install an SSL acceleration appliance
- C. Require all core business applications to use encryption
- D. Add an encryption module to the router and configure IPsec

Correct Answer: A

QUESTION 7

SDLC is being used for the commissioning of a new platform. To provide an appropriate level of assurance the security requirements that were specified at the project origin need to be carried through to implementation. Which of the following would BEST help to determine if this occurred?

- A. Requirements workshop
- B. Security development lifecycle (SDL)
- C. Security requirements traceability matrix (SRTM)
- D. Secure code review and penetration test

Correct Answer: C

QUESTION 8

Statement: "The system shall implement measures to notify system administrators prior to a security incident occurring."

Which of the following BEST restates the above statement to allow it to be implemented by a team of software developers?

- A. The system shall cease processing data when certain configurable events occur.
- B. The system shall continue processing in the event of an error and email the security administrator the error logs.
- C. The system shall halt on error.
- D. The system shall throw an error when specified incidents pass a configurable threshold.

Correct Answer: D

QUESTION 9

Company XYZ has experienced a breach and has requested an internal investigation be conducted by the IT Department. Which of the following represents the correct order of the investigation process?

- A. Collection, Identification, Preservation, Examination, Analysis, Presentation.
- B. Identification, Preservation, Collection, Examination, Analysis, Presentation.
- C. Collection, Preservation, Examination, Identification, Analysis, Presentation.
- D. Identification, Examination, Preservation, Collection, Analysis, Presentation.

Correct Answer: B

QUESTION 10

At 9:00 am each morning, all of the virtual desktops in a VDI implementation become extremely slow and/or unresponsive. The outage lasts for around 10 minutes, after which everything runs properly again. The administrator has traced the problem to a lab of thin clients that are all booted at 9:00 am each morning. Which of the following is the MOST likely cause of the problem and the BEST solution? (Select TWO).

- A. Add guests with more memory to increase capacity of the infrastructure.
- B. A backup is running on the thin clients at 9am every morning.
- C. Install more memory in the thin clients to handle the increased load while booting.
- D. Booting all the lab desktops at the same time is creating excessive I/O.
- E. Install 10-Gb uplinks between the hosts and the lab to increase network capacity.
- F. Install faster SSD drives in the storage system used in the infrastructure.
- G. The lab desktops are saturating the network while booting.
- H. The lab desktops are using more memory than is available to the host systems.

Correct Answer: DF

QUESTION 11

A software development manager is taking over an existing software development project. The team currently suffers from poor communication due to a long delay between requirements documentation and feature delivery. This gap is resulting in an above average number of security-related bugs making it into production. Which of the following development methodologies is the team MOST likely using now?

- A. Agile
- B. Waterfall
- C. Scrum
- D. Spiral

Correct Answer: B

QUESTION 12

Within the company, there is executive management pressure to start advertising to a new target market. Due to the perceived schedule and budget inefficiencies of engaging a technology business unit to commission a new micro-site, the marketing department is engaging third parties to develop the site in order to meet time-to-market demands. From a security perspective, which of the following options BEST balances the needs between marketing and risk management?

- A. The third party should be contractually obliged to perform adequate security activities, and evidence of those

activities should be confirmed by the company prior to launch.

B. Outsourcing is a valid option to increase time-to-market. If a security incident occurs, it is not of great concern as the reputational damage will be the third party's responsibility.

C. The company should never outsource any part of the business that could cause a security or privacy incident. It could lead to legal and compliance issues.

D. If the third party has an acceptable record to date on security compliance and is provably faster and cheaper, then it makes sense to outsource in this specific situation.

Correct Answer: A

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