

ISTQB

CT-SEC

ISTQB Certified Tester Security Tester (CT-SEC)

Questions And Answers PDF Format:

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Version = Product



Latest Version: 6.0

Question: 1

Why is an attack from inside the organization particularly worrisome?

Response:

- A. The attacker is likely driven by curiosity and will be unrelenting
- B. The attacker is likely bored at work and will continue hacking the system for entertainment
- C. The attacker is already inside the firewall and is an authorized system user
- D. The attacker is likely to launch a DOS attack which will cripple the servers

Answer: C

Question: 2

At what point in the SDLC should there be checking to ensure that proper secure coding practices have been followed?

Response:

- A. Component testing
- B. Integration testing
- C. System testing
- D. Security acceptance testing

Answer: A

Question: 3

In what way are dynamic security analysis tools different from general dynamic analysis tools?

Response:

- A. The security tools probe the system rather than just the application under test
- B. The security tools work the same in dynamic or static mode
- C. The security tools are better suited to detect problems such as memory leaks
- D. The security tools need to be tailored to the language in which the application is implemented

Answer: A

Question: 4

During component level testing, why should the security tester review compiler warnings?

Response:

- A. Because these indicate security problems that must be fixed
- B. Because these indicate potential issues that should be investigated
- C. Because these indicate coding issues that will cause functional defects
- D. Because these indicate poor programming practices that will increase maintainability

Answer: B

Question: 5

If an organization experiences a security breach and legal action results, how does it help the organization to have done security testing?

Response:

- A. By tracing through the documented tests, the security testing team can discover how the breach was possible
- B. The documentation from the security testing can be used to track down the perpetrator
- C. Since any important information would have been backed up before security testing, this backup can be used to restore any compromised information
- D. It can show that the organization has done due diligence to try to prevent such an incident

Answer: D

Question: 6

Which of the following are main characteristics of an effective security test environment?

Response:

- A. Closely tied to production systems to enhance security at all points
- B. Isolates different old versions of the operating systems for use in the environment
- C. Includes all production environment plug-ins as well as other plug-ins not in the production environment in order to ensure the most comprehensive setup
- D. Mimics the production environment in terms of access rights

Answer: D

Question: 7

What are key attributes of security authentication of a medium complexity IT system?

Response:

- A. It verifies that the user has the correct profile and corresponding rights to access limited parts of the system
- B. It is key in identifying the amount of system resources the user can utilize
- C. It verifies that user entering the system is legitimate
- D. It uses common credentials among users to gain entry into the system

Answer: C

Question: 8

What is a significant concern when seeking approval for the security testing tools?

Response:

- A. Some countries prohibit the use of certain security testing tools
- B. Ensure the approval process for security testing tools can be bypassed on an exception basis in cases where a malicious event is in progress
- C. The risks of the tool are rarely known before it is procured and are better discovered when the tools is in use
- D. Because security testing tool risks are usually known, there is no need for a mitigating strategy

Answer: A

Question: 9

Which of the following would you apply to most effectively test the abilities of an intrusion detection tool?

Response:

- A. Develop a series of scenarios based on past experience
- B. Use tests that generate malicious traffic to add new intrusive specifications
- C. Apply it to situations of known malicious traffic
- D. Use it in conjunction with other IDS products when possible

Answer: B

Question: 10

You are finalizing your security test status report for a project that is ready for deployment into production. There is a high degree of risk for this project due to the nature of the system. As a result, you want to place particular emphasis on risk.

Based on this, what is the best way to articulate risk on your report?

Response:

- A. A descriptive risk assessment included in the summary
- B. Overall risk included in the last section of the report
- C. Risk impact described in the summary and later detailed in terms of specific vulnerabilities
- D. Risk impact is not part of the summary of the report

Answer: C

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