



412-79V10^{Q&As}

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**QUESTION 1**

Many security and compliance projects begin with a simple idea: assess the organization's risk, vulnerabilities, and breaches. Implementing an IT security risk assessment is critical to the overall security posture of any organization.

An effective security risk assessment can prevent breaches and reduce the impact of realized breaches.



What is the formula to calculate risk?

- A. Risk = Budget x Time
- B. Risk = Goodwill x Reputation
- C. Risk = Loss x Exposure factor
- D. Risk = Threats x Attacks

Correct Answer: C

QUESTION 2

Identify the correct formula for Return on Investment (ROI).

- A. ROI = ((Expected Returns - Cost of Investment) / Cost of Investment) * 100



B. $ROI = (Expected\ Returns + Cost\ of\ Investment) / Cost\ of\ Investment$

C. $ROI = (Expected\ Returns\ Cost\ of\ Investment) / Cost\ of\ Investment$

D. $ROI = ((Expected\ Returns + Cost\ of\ Investment) / Cost\ of\ Investment) * 100$

Correct Answer: C

Reference: <http://www.investopedia.com/terms/r/returnoninvestment.asp>

QUESTION 3

Rules of Engagement (ROE) document provides certain rights and restriction to the test team for performing the test and helps testers to overcome legal, federal, and policy-related restrictions to use different penetration testing tools and techniques.

Rules of Engagement Template	
DATE:	<i>[Date]</i>
TO:	<i>[Name and Address of NASA Official]</i>
FROM:	<i>[Name and Address of Third Party performing the Penetration Testing]</i>
CC:	<i>[Name and Address of Interested NASA Officials]</i>
RE:	Rules of Engagement to Perform a Limited Penetration Test in Support of <i>[required activity]</i>
<i>[Name of third party] has been contracted by the National Aeronautics and Space Administration (NASA), [Name of requesting organization] to perform an audit of NASA's [Name of risk assessment target]. The corresponding task-order requires the performance of penetration test procedures to assess external and internal vulnerabilities. The purpose of having the "Rules of Engagement" is to clearly establish the scope of work and the procedures that will and will not be performed, by defining targets, time frames, test rules, and points of contact.</i>	

What is the last step in preparing a Rules of Engagement (ROE) document?

- A. Conduct a brainstorming session with top management and technical teams
- B. Decide the desired depth for penetration testing
- C. Conduct a brainstorming session with top management and technical teams
- D. Have pre-contract discussions with different pen-testers



Correct Answer: C

QUESTION 4

Which of the following has an offset field that specifies the length of the header and data?

- A. IP Header
- B. UDP Header
- C. ICMP Header
- D. TCP Header

Correct Answer: D

QUESTION 5

SQL injection attacks are becoming significantly more popular amongst hackers and there has been an estimated 69 percent increase of this attack type.

This exploit is used to great effect by the hacking community since it is the primary way to steal sensitive data from web applications. It takes advantage of non-validated input vulnerabilities to pass SQL commands through a web application for execution by a back-end database.

The below diagram shows how attackers launched SQL injection attacks on web applications.



Which of the following can the attacker use to launch an SQL injection attack?

- A. Blah\"2=2 ?
- B. Blah\" and 2=2 -
- C. Blah\" and 1=1 -
- D. Blah\" or 1=1 -



Correct Answer: D

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