Weekly challenge 4

Congratulations! You passed!

Grade received 80%
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Quiz • 50 min

Review Learning Objectives

1. Which of the following could be examples of social engineering attacks? Select three answers. **0.75 / 1 point**

Submit your assignment
Try again
Due Jul 2, 11:59 PM +08 Attempts 3 every 24 hours

A lost record of important customer information

This should not be selected
Please review the video on social engineering.

An unfamiliar person asking you to hold the door open to a restricted area

Receive grade
To Pass 80% or higher
Your grade 80%
View Feedback
We keep your highest score

Correct

A pop-up advertisement promising a large cash reward in return for sensitive information

Correct
Like Dislike Report an issue

An email urgently asking you to send money to help a friend who is stuck in a foreign country

Correct

2. Fill in the blank: _____ uses text messages to manipulate targets into sharing sensitive information. **1 / 1 point**

- Whaling
- Smishing
- Vishing
- Pretexting

Correct

3. Which of the following are *not* types of malware? Select two answers. **0.5 / 1 point**

Virus

This should not be selected
Please review the video about malware.

Worm

This should not be selected
Please review the video about malware.

SQL injection

Correct

Cross-site scripting

Correct

4. A member of a government agency is tricked into installing a virus on their workstation. The virus gave a criminal group access to confidential information. The attackers threaten to leak the agency's data to the public unless they pay $31,337. **1 / 1 point**

What type of attack is this an example of?

- Cryptojacking
- Ransomware
- Cross-site scripting
- Scareware

Correct

5. Fill in the blank: Cryptojacking is a type of malware that uses someone's device to _____ cryptocurrencies. **1 / 1 point**

- mine
- invest
- earn
- collect

Correct

6. What is malicious code that is inserted into a vulnerable application called? **1 / 1 point**

- Social engineering
- Cryptojacking
- Injection attack
- Input validation

Correct

7. An attacker injected malware on a server. When a user visits a website hosted by the server, their device gets infected with the malware. **0 / 1 point**

This is an example of what type of injection attack?

- Stored
- Brute force
- DOM-based
- Reflected

Incorrect
Please review the video about XSS attacks.

8. What is one way to prevent SQL injection? **1 / 1 point**

- Having well-written code
- Excluding prepared statements
- Including application design flaws
- Downloading malicious apps

Correct

9. What should security teams do after identifying threats, according to the threat modeling process? Select two answers. **0.5 / 1 point**

Examine existing protections and identify gaps

Correct

Identify who might perform an attack and how

Correct

Consider how users interact with an environment

This should not be selected
Please review the video about threat modeling.

Determine mitigation strategies

This should not be selected
Please review the video about threat modeling.

10. Which stage of the PASTA framework is related to identifying the application components that must be evaluated? **1 / 1 point**

- Perform a vulnerability analysis
- Decompose the application
- Define the technical scope
- Conduct attack modeling

Correct