Social engineering
Malware
Web-based exploits
Threat modeling

Review: Threats in cybersecurity

▶ **Video:** Wrap-up
1 min

Reading: Glossary terms from week 4
10 min

✓ **Quiz:** Weekly challenge 4
10 questions

Congratulations on completing course 5

✓ **Congratulations! You passed!**

Weekly challenge 4

Grade received 95%

Latest Submission Grade 95%

Quiz • 50 min

To pass 80% or higher

Retake the assignment in 23h 57m

Go to next item

Review Learning Objectives

Submit your assignment

Correct | **Due** Jul 2, 11:59 PM +08 | **Attempts** 3 every 24 hours

✓ Receive grade

To Pass 80% or higher

Try again
Retake the quiz in 23h 57m

Your grade 95%

View Feedback
We keep your highest score

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

1 / 1 point

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

✓ Correct

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

✓ Correct

☐ A lost record of important customer information

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

✓ Correct   👍 Like   👎 Dislike   🚩 Report an issue

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

1 / 1 point

○ Whaling
● Smishing
○ Pretexting
○ Vishing

✓ Correct

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3. Which of the following are *not* types of malware? Select two answers.

1 / 1 point

☑ Cross-site scripting

✓ Correct

☑ SQL injection

✓ Correct

☐ Virus

☐ Worm

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4. Which type of malware requires the user to make a payment to the attacker to regain access to their device?

1 / 1 point

○ Spyware
○ Botnets
● Ransomware
○ Cryptojacking

✓ Correct

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5. Fill in the blank: A(n) _____ tool can be used by security professionals to catch abnormal activity, like malware mining for cryptocurrency.

1 / 1 point

○ Attack tree
● Intrusion detection system (IDS)
○ Spyware
○ Fileless malware

✓ Correct

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6. What is malicious code that is inserted into a vulnerable application called?

1 / 1 point

○ Cryptojacking
○ Input validation
○ Social engineering
● Injection attack

✓ Correct

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7. An attacker sends a malicious link to subscribers of a sports news site. If someone clicks the link, a malicious script is sent to the site's server and activated during the server's response.

This is an example of what type of injection attack?

1 / 1 point

● Reflected
○ DOM-based
○ SQL injection
○ Stored

✓ Correct

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8. What are the reasons that an attacker would perform a SQL injection attack? Select three answers.

0.5 / 1 point

☑ To gain administrative rights to a database

✓ Correct

☑ To send phishing messages to users in a database

✗ **This should not be selected**
Please review the video about SQL injection attacks 🔗.

☑ To steal the access credentials of users in a database

✓ Correct

☐ To delete entire tables in a database

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

1 / 1 point

☑ Examine existing protections and identify gaps

✓ Correct

☑ Identify who might perform an attack and how

✓ Correct

☐ Determine mitigation strategies

☐ Consider how users interact with an environment

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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
○ Conduct attack modeling
● Define the technical scope
○ Decompose the application

✓ Correct

⑦