

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!

Grade received 100%
Latest submission made 10 min
Quiz • 50 min

Weekly challenge 4

To pass 80% or higher

Go to next item

Review Learning Objectives

1. Fill in the blank: The four stages of a social engineering attack are to prepare, _____, use persuasion tactics, and disconnect from the target. 1 / 1 point

- ☒ establish trust

☐ obtain access credentials

☐ distribute malicious email

☐ impersonate the employee
- 🎯 Submit your assignment

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

🏆 Review grade

To Pass 80% or higher

Try again

Your grade
100%

View Feedback
We keep your highest score

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

- ☐ Vishing

☒ Smishing

☐ Whaling

☐ Pretexting
- 👍 Like

👎 Dislike

🚩 Report an issue
- ✔ Correct

3. Fill in the blank: The main difference between a worm and a virus is that a worm can _____. 1 / 1 point

- ☐ be delivered inside of a legitimate-looking application

☒ replicate itself across devices without requiring users to perform an action

☐ take control of an infected system by encrypting its data

☐ operate without the target's knowledge
- ✔ Correct

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

☐ Cryptojacking

☒ Ransomware
- ✔ Correct

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

☐ Spyware

☐ Fileless malware

☒ Intrusion detection system (IDS)
- ✔ Correct

6. A hacktivist group gained access to the website of a utility company. The group bypassed the site's login page by inserting malicious code that granted them access to customer accounts to clear their debts. 1 / 1 point

What type of attack did the hacktivist group perform?

- ☒ Injection

☐ Quid pro quo

☐ Watering hole

☐ Spyware
- ✔ 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. 1 / 1 point

This is an example of what type of injection attack?

- ☒ Stored

☐ Brute force

☐ DOM-based

☐ Reflected
- ✔ Correct

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 are some key benefits of the threat modeling process? Select all that apply. 1 / 1 point

- ☒ Identify points of failure

☒ Help prioritize threats

☐ Remediate all vulnerabilities

☒ Reduce an attack surface
- ✔ Correct

10. During which stage of the PASTA framework is an attack tree created? 1 / 1 point

- ☒ Attack modeling

☐ Threat analysis

☐ Vulnerability analysis

☐ Decomposing an application
- ✔ Correct