

Flaws in the system

Identify system vulnerabilities

Cyber attacker mindset

Review: Vulnerabilities in systems

📺

Video: Wrap-up

1 min

📖

Reading: Glossary terms from week 3

10 min

🟢

Quiz: Weekly challenge 3

10 questions

🎉 Congratulations! You passed!

Grade received 100%

Latest submission made 10 min

Quiz • 50 min

Weekly challenge 3

To pass 80% or higher

Retake the assignment in 7h 57m

Go to next item

Review Learning Objectives

1. A hotel chain has outdated WiFi routers in their guest rooms. An attacker hacked into the devices and stole sensitive information from several guests.

📝

Submit your assignment

The outdated WiFi router is an example of what?

Due Jun 25, 11:59 PM +08

Attempts 3 every 8 hours

- ☒ A vulnerability

☐ A threat

☐ An access point

☐ An exploit

📊

Receive grade

To Pass 80% or higher

✔

Correct

👍 Like

👎 Dislike

📄 Report an issue

2. Which of the following layers do *not* provide protection for information that users provide? Select two answers.

- ☐ The perimeter layer

☒ The data layer

✔

Correct

- ☐ The network layer

☒ The application layer

✔

Correct

3. Which layer of the defense in depth model relates to user devices that have accessed a network?

- ☐ Application

☐ Data

☒ Endpoint

☐ Perimeter

✔

Correct

4. Which of the following are criteria that a vulnerability must meet to qualify for a CVE® ID? Select all that apply.

☒ It can only affect one codebase.

✔

Correct

☒ It must be recognized as a potential security risk.

✔

Correct

☒ It must be submitted with supporting evidence.

✔

Correct

☒ It must be independent of other issues.

✔

Correct

☐ It must pose a financial risk.

5. A security team is preparing new workstations that will be installed in an office.

Which vulnerability management steps should they take to prepare these workstations? Select three answers.

☒ Download the latest patches and updates for each system.

✔

Correct

☒ Configure the company firewall to allow network access.

✔

Correct

☐ Install a suite of collaboration tools on each workstation.

☒ Consider who will be using each computer.

✔

Correct

6. What are some of the goals of performing vulnerability assessments? Select two answers.

☒ To identify weaknesses and prevent attacks

✔

Correct

☒ To perform an audit that measures regulatory compliance

✔

Correct

☐ To catalog assets that need to be protected

☐ To pass remediation responsibilities over to the IT department

7. What are the two types of attack surfaces that security professionals defend? Select two answers.

- ☐ Intellectual property

☐ Brand reputation

☒ Digital

✔

Correct

☒ Physical

✔

Correct

8. Fill in the blank: An attack _____ refers to the pathways attackers use to penetrate security defenses.

- ☐ vulnerability

☐ landscape

☒ vector

☐ surface

✔

Correct

9. What phase comes after identifying a target when practicing an attacker mindset?

- ☐ Prepare defenses against threats.

☐ Find the tools and methods of attack.

☐ Evaluate the target's attack vectors.

☒ Determine how the target can be accessed.

✔

Correct

10. What is *not* a step of practicing an attacker mindset?

- ☐ Determine how a target can be accessed.

☐ Find the tools and methods of attack.

☒ Identify ways to fix existing vulnerabilities.

☐ Evaluate attack vectors that can be exploited.

✔

Correct

1 / 1 point

Try again

Retake the quiz in 7h 57m

Your grade

100%

View Feedback

We keep your highest score