

More about frameworks and controls

The CIA triad: Confidentiality, integrity, and availability

NIST frameworks

OWASP principles and security audits

Review: Security frameworks and controls

Video: Wrap-up

1 min

Reading: Glossary terms from week 2

10 min

Quiz: Weekly challenge 2

10 questions

● Congratulations! You passed!

Grade received 92.50%

Latest Submission

Weekly challenge 2

Quiz • 50 min

To pass 80% or higher

Retake the assignment in 23h 54m

Go to next item

Submit your assignment

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

Security frameworks

Security posture

Security

Receive grade

Correct To Pass 80% or higher

Try again

Retake the quiz in 23h 54m

Your grade

92.50%

View Feedback

We keep your highest score

1. What does a security professional use to create guidelines and plans that educate employees about how they can help protect the organization? 1 / 1 point
- Security frameworks

Security posture

Security

Correct To Pass 80% or higher
2. Fill in the blank: A security professional uses \_\_\_\_\_ to convert data from a readable format to an encoded format. 1 / 1 point
- authentication

confidentiality

encryption

authorization

Correct
3. What type of social engineering attack attempts to exploit biometrics? 0 / 1 point
- Cryptographic attack

Whaling

Spear fishing

Vishing

Incorrect

Please review [the video on security controls](#). 15.
4. You work as a security analyst at a bank and need to ensure that customers can access their account information. Which core principle of the CIA triad are you using to confirm their data is accessible to them? 1 / 1 point
- Availability

Integrity

Accuracy

Confidentiality

Correct
5. Which of the following statements accurately describe the CSF? Select all that apply. 1 / 1 point
- ☒ The CSF is a voluntary framework that consists of standards, guidelines, and best practices to manage cybersecurity risk.

Correct

☒ Restoring affected files or data is part of the recover function of the CSF.

Correct

☒ The detect function of the CSF involves improving monitoring capabilities to increase the speed and efficiency of detections.

Correct

☐ The identify function of the CSF involves returning affected systems back to normal operation.
6. A security team considers how to avoid unnecessarily complicated solutions when implementing security controls. Which OWASP principle does this scenario describe? 1 / 1 point
- Principle of least privilege

Defense in depth

Keep security simple

Fix security issues correctly

Correct
7. What are some of the primary objectives of an internal security audit? Select three answers. 1 / 1 point
- ☒ Improve security posture

Correct

☐ Develop a guiding security statement for the business

☒ Avoid fines due to a lack of compliance

Correct

☒ Help security teams identify organizational risk

Correct
8. Fill in the blank: In an internal security audit, \_\_\_\_\_ involves identifying potential threats, risks, and vulnerabilities in order to decide what security measures should be implemented. 1 / 1 point
- communicating to stakeholders

establishing the scope and goals

assessing compliance

conducting a risk assessment

Correct
9. A security analyst performs an internal security audit. They determine that the organization needs to install surveillance cameras at various store locations. What are they working to establish? 1 / 1 point
- Technical controls

Physical controls

Communication controls

Administrative controls

Correct
10. What information is typically communicated to stakeholders after completion of an internal security audit? Select three answers. 1 / 1 point
- ☒ A summary of the scope

Correct

☒ Results and recommendations

Correct

☐ Questions about specific controls

☒ A list of existing risks

Correct