

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 90%

Latest Submission by user1234567890

Quiz • 50 min

To pass 80% or higher

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📊 Review Learning Objectives

1. What is the purpose of a security framework?

1 / 1 point

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👤 Try again

👤 Receive grade

Correct to Pass 80% or higher

Your grade 90%

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1. What is the purpose of a security framework?

1 / 1 point

☐ Create security controls to protect marketing campaigns

☐ Develop policies to be used by the organization

☒ Build plans to help mitigate risks and threats to data and privacy

☐ Establish policies to expand business relationships

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

☒ encryption

☐ confidentiality

☐ authorization

☐ authentication

Correct

3. Which of the following characteristics are examples of biometrics? Select all that apply.

0.75 / 1 point

☒ Password

☒ This should not be selected Please review [the video on security controls](#) ¹².

☒ Palm scan

☒ Fingerprint

☒ Eye scan

Correct

4. You work as a security analyst for a supply chain organization and need to confirm all inventory data is correct, authentic, and reliable. Which core principle of the CIA triad are you using?

1 / 1 point

☐ Confidentiality

☐ Availability

☐ Credibility

☒ Integrity

Correct

5. Which of the following statements accurately describe the CSF? Select all that apply.

0.75 / 1 point

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

☒ The identify function of the CSF involves returning affected systems back to normal operation.

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

☒ The CSF is a voluntary framework that consists of standards, guidelines, and best practices to manage cybersecurity risk.

Correct

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

☐ Fix security issues correctly

☐ Defense in depth

☐ Principle of least privilege

☒ Keep security simple

Correct

7. What are some of the primary objectives of an internal security audit? Select three answers.

0.75 / 1 point

☒ Help security teams identify organizational risk

☒ Develop a guiding security statement for the business

☒ Improve security posture

☒ Avoid fines due to a lack of compliance

Correct

8. Fill in the blank: The planning elements of an internal security audit include establishing scope and _____, then conducting a risk assessment.

1 / 1 point

☒ goals

☐ limitations

☐ compliance

☐ controls

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

☒ Physical controls

☐ Administrative controls

☐ Communication controls

☐ Technical controls

Correct

10. What information is typically communicated to stakeholders after completion of an internal security audit? Select three answers.

0.75 / 1 point

☒ Strategies for improving security posture

☒ Detailed data about past cybersecurity incidents

☒ Existing risks that need to be addressed now or in the future

☒ A summary of the goals

Correct