

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 100%

Weekly challenge 2

To pass 80% or higher

Go to next item

Quiz • 50 min

Review Learning Objectives

Submit your assignment

Due Jun 11, 11:59 PM +08

Attempts 3 every 24 hours

Security posture

Security audit

Security hardening

Security hygiene

Minimize grade

To Pass 80% or higher

Correct

Like

Dislike

Report an issue

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

Submit your assignment

Security posture

Security audit

Security hardening

Security hygiene

Minimize grade

To Pass 80% or higher

Correct

2. Fill in the blank: An employee using multi-factor authentication to verify their identity is an example of the _____ process.

1 / 1 point

integrity

confidentiality

encryption

authentication

Correct

3. A person's fingerprint, eye or palm scan are examples of what?

1 / 1 point

Codes

Statistics

Biometrics

Passwords

Correct

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

Confidentiality

Integrity

Availability

Accuracy

Correct

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

0.75 / 1 point

☒ The detect function of the CSF involves making sure proper procedures are used to contain, neutralize, and analyze security incidents.

This should not be selected

Please review [the video on the functions of the NIST CSF](#). ^{1/2}

☒ The protect function of the CSF involves implementing policies, procedures, training, and tools to mitigate threats.

Correct

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

Correct

☒ Investigating an incident to determine how the threat occurred, what was affected, and where the attack originated is part of the respond function of the CSF.

Correct

6. A security team establishes controls, including permission settings that will be used to create multiple security points that a threat actor must get through to breach their organization. Which OWASP principle does this scenario describe?

1 / 1 point

Keep security simple

Principle of least privilege

Separation of duties

Defense in depth

Correct

7. What are some of the primary objectives of an internal security audit? Select all that apply.

0.75 / 1 point

☒ Help security teams correct compliance issues

Correct

☒ Enable security teams to assess controls

Correct

☒ Limit traffic on an organization's firewall

This should not be selected

Please review [the video on security audits](#). ^{1/2}

☒ Identify any security gaps or weaknesses within an organization

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

establishing the scope and goals

conducting a risk assessment

communicating to stakeholders

assessing compliance

Correct

9. A security analyst performs an internal security audit. They review their company's existing assets, then evaluate potential risks to those assets. Which aspect of a security audit does this scenario describe?

1 / 1 point

Communicating results

Assessing compliance

Establishing the scope and goals

Completing a controls assessment

Correct

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

0.75 / 1 point

☒ A summary of the scope

Correct

☒ Questions about specific controls

This should not be selected

Please review [the video on completing a security audit](#). ^{1/2}

☒ Results and recommendations

Correct

☒ A list of existing risks

Correct

