

Safeguard information

Encryption methods

Authentication, authorization, and accounting

Review: Protect organizational assets

Video: Wrap-up

Reading: Glossary terms from week 2

Quiz: Weekly challenge 2

Grade received 97.50%

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To pass 80% or higher

Retake the assignment in 23h 57m

Go to next item

Weekly challenge 2

Quiz • 50 min

Due Jun 18, 11:59 PM +08

Attempts 3 every 24 hours

Review Learning Objectives

1. Which functions would fall under the category of operational security controls? Select two answers.

☐ Establishing security policies

☒ Responding to an incident

☒ Exchanging security information

☒ Providing awareness training

Correct

Like

Dislike

Report an issue

2. An employee reports that they cannot log into the payroll system with their access credentials. The employee does not recall changing their username or password. As a security analyst, you are asked to review access logs to investigate whether a breach occurred. What information are you able to review as a data custodian in this situation? Select two answers.

☒ The IP address of the computer used to log in

☒ Any coworkers' contact information

☒ The time the user signed in and out

☐ Any payroll access credentials the user has stored on the server

Correct

3. What do symmetric encryption algorithms use to encrypt and decrypt information?

☒ A single secret key

☐ A public and private key pair

☐ A hash value

☐ A digital certificate

Correct

4. What is the primary purpose of hash functions?

☐ To store data in the cloud

☒ To determine data integrity

☐ To decrypt sensitive data

☐ To make data quickly available

Correct

5. Which security controls are used in public key infrastructure? Select three answers.

☒ Digital certificates

☒ Multi-factor authentication

☒ Asymmetric encryption

☒ Symmetric encryption

Correct

6. What factors do authentication systems use to verify a user's identity? Select three answers.

☒ Knowledge

☒ Accounting

☒ Ownership

☒ Characteristic

Correct

7. What is a key advantage of multi-factor authentication compared to single sign-on?

☐ It can grant access to multiple company resources at once.

☒ It requires more than one form of identification before granting access to a system.

☐ It streamlines the authentication process.

☐ It is faster when authenticating users.

Correct

8. A shipping company imports and exports materials around the world. Their business operations include purchasing goods from suppliers, receiving shipments, and distributing goods to retailers. How should the shipping company protect their assets under the principle of separation of duties? Select two answers.

☒ Have one employee receive shipments and distribute goods

☒ Have one employee approve purchase orders

☐ Have one employee select goods and submit payments

☐ Have one employee file purchase orders

This should not be selected

Please review [the video about separation of duties](#).

Correct

9. What types of user information does an API token contain? Select two answers.

☐ A user's password

☒ A user's site permissions

☐ A user's secret key

☒ A user's identity

Correct

10. A customer of an online retailer has complained that their account contains an unauthorized purchase. You investigate the incident by reviewing the retailer's access logs. What are some components of the user's session that you might review? Select two answers.

☐ Session certificate

☒ Session ID

☐ Session algorithm

☒ Session cookie

Correct

Your grade

97.50%

Try again

Retake the quiz in 23h 57m

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