

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

Try again once you are ready

Grade received: 60%

Latest Submission

To pass 80% or higher

Try again

Review Learning Objectives

1. Which of the following examples are categories of security controls? Select three answers.

0.75 / 1 point

Manage

Submit your assignment

Correct One Jun 18, 11:59 PM +08 Attempts 3 entry 24 hours

Operational

Receive grade

Correct To Pass 80% or higher

Technical

Correct

Compliance

This should not be selected

Please review the video about security controls.

2. A large hotel chain is conducting a national sweepstakes. To enter the sweepstakes, customers must consent to sharing their email address with the chain's business partners for marketing purposes. What are the hotel chain's responsibilities as data custodians? Select three answers.

0.75 / 1 point

Collect customer consent and emails

Correct

Back up customer information

Correct

Grant business partners consent to use customer data

This should not be selected

Please review the video on information privacy.

Send information to business partners

Correct

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

1 / 1 point

A single secret key

A digital certificate

A public and private key pair

A hash value

Correct

4. How are hash functions used by security professionals? Select two answers.

0.5 / 1 point

To determine if two files are the same

Correct

To verify the integrity of a file

Correct

To backup password in a rainbow table

This should not be selected

Feedback: Please review the video on hash functions.

To convert ciphertext to plaintext

This should not be selected

Please review the video on hash functions.

5. Which of the following steps are part of the public key infrastructure process? Select two answers.

0.5 / 1 point

Exchange of encrypted information

Correct

Transfer hash digests

This should not be selected

Please review the video about PKI.

Exchange of public and private keys

This should not be selected

Please review the video about PKI.

Establish trust using digital certificates

Correct

6. What are the two most common forms of identification used by authentication systems? Select two answers.

0.5 / 1 point

Password

Correct

Facial scan

This should not be selected

Please review the video about access controls.

Fingerprint

This should not be selected

Please review the video about access controls.

Username

Correct

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

1 / 1 point

It streamlines the authentication process.

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

It can grant access to multiple company resources at once.

It is faster when authenticating users.

Correct

8. A business has one person who receives money from customers at the register. At the end of the day, another person counts that money that was received against the items sold and deposits it. Which security principles are being implemented into business operations? Select two answers.

0.5 / 1 point

Least privilege

Correct

Separation of duties

Correct

Multi-factor authentication

This should not be selected

Please review the video about separation of duties.

Single sign-on

This should not be selected

Please review the video about separation of duties.

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

0.5 / 1 point

A user's secret key

This should not be selected

Please review the video about API tokens.

A user's password

This should not be selected

Please review the video about API tokens.

A user's identity

Correct

A user's site permissions

Correct

10. What is the practice of monitoring the access logs of a system?

0 / 1 point

Authentication

Authorization

Auditing

Accounting

Incorrect

Please review the video on accounting.