

Safeguard information

Encryption methods

Authentication, authorization, and accounting

Review: Protect organizational assets

Video: Wrap-up

1 min

Reading: Glossary terms from week 2

10 min

Quiz: Weekly challenge 2

10 questions

🎉 Congratulations! You passed!

Grade received 97.50%

Latest Submission grade 97.50%

Weekly challenge 2

Quiz • 50 min

To pass 80% or higher

Go to next item

Review Learning Objectives

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

1 / 1 point

- ☐ Exchange of encrypted information
- ☐ Establishing trust using digital certificates
- ☒ Providing security awareness training

✔ Correct

✔ Receive grade

✔ To Pass: 80% or higher

✔ Responding to an incident alert

Your grade

97.50%

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2. A paid subscriber of a news website has access to exclusive content. As a data owner, what should the subscriber be authorized to do with their account? Select three answers.

1 / 1 point

- ☐ Edit articles on the website
- ☒ Review their username and password

✔ Correct

☒ Update their payment details

✔ Correct

☒ Stop their subscription

✔ Correct

3. You send an email to a friend. The service provider of your inbox encrypts all messages that you send. What happens to the information in your email when it's encrypted?

1 / 1 point

- ☐ It's converted from ciphertext to plaintext.
- ☒ It's converted from plaintext to ciphertext.
- ☐ It's converted from Caesar's cipher to plaintext.
- ☐ It's converted from a hash value to ciphertext.

✔ Correct

4. Why are hash algorithms that generate long hash values more secure than those that produce short hash values?

1 / 1 point

- ☐ They are easier to exchange over a network
- ☐ They are more difficult to remember
- ☐ They are easier to decrypt
- ☒ They are more difficult to brute force

✔ Correct

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

1 / 1 point

- ☒ Exchange of encrypted information
- ☒ Exchange of public and private keys
- ☐ Transfer hash digests
- ☒ Establish trust using digital certificates

✔ Correct

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

0.75 / 1 point

- ☒ Accounting
- ☒ This should not be selected
- Please review [the video about access controls](#) 12.
- ☒ Characteristic
- ☒ Knowledge
- ☒ Ownership

✔ Correct

✔ Correct

✔ Correct

7. What are two advantages of using single sign-on (SSO) systems to authenticate users? Select two answers.

1 / 1 point

- ☐ It makes authentication safe.
- ☒ It makes the login process faster.
- ☒ Users can gain access to multiple platforms.
- ☐ Users can reuse the same password.

✔ Correct

✔ 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.

1 / 1 point

- ☒ Separation of duties
- ☒ Least privilege
- ☐ Multi-factor authentication

✔ Correct

✔ Correct

9. Fill in the blank: \_\_\_\_ is the technology used to establish a user's request to access a server.

1 / 1 point

- ☐ OAuth
- ☒ Basic auth
- ☐ API tokens
- ☐ Digital certificates

✔ Correct

10. Which of the following are reasons why accounting in security is such an important function of effective access controls? Select two answers.

1 / 1 point

- ☒ Detect session hijacking incidents.
- ☒ Uncover threat actors who have accessed a system.
- ☐ Record user activity for marketing purposes.
- ☐ Identify ways to improve business operations.

✔ Correct

✔ Correct