

Safeguard information

Encryption methods

Authentication, authorization, and accounting

Review: Protect organizational assets

🕒

Videos: Wrap-up

1 min

📖

Reading: Glossary terms from week 2

10 min

🚩

Quiz: Weekly challenge 2

10 questions

⚠️ Try again once you are ready

Grade received

Latest Submission

Weekly challenge 2

Quiz • 10 min

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

Try again

📝

Technical

Submit your assignment

🕒

Correct Due

Jun 18, 11:59 PM +08

Attempts

3 entry 24 hours

📝

Operational

🕒

📌 Receive grade

🕒

Correct

To Pass

80% or higher

📝

Compliance

🕒

📌 This should not be selected

Please review [the video about security controls](#). ⚡

📌 Report an issue

📝

Managerial

🕒

Correct

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.

0.75 / 1 point

📝

Stop their subscription

🕒

Correct

📝

Edit articles on the website

🕒

📌 This should not be selected

Please review [the video on information privacy](#). ⚡

📝

Review their username and password

🕒

Correct

📝

Update their payment details

🕒

Correct

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

1 / 1 point

🕒

A digital certificate

🕒

A hash value

🕒

A public and private key pair

🕒

📌 A single secret key

🕒

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 backup password in a rainbow table

🕒

📌 This should not be selected

Feedback: Please review [the video on hash functions](#). ⚡

📝

To verify the integrity of a file

🕒

Correct

📝

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

📝

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

📝

Exchange of encrypted information

🕒

Correct

6. Fill in the blank. Knowledge, ownership, and characteristic are three factors of ____ systems.

0 / 1 point

🕒

📌 authorization

🕒

accounting

🕒

administrative

🕒

authentication

🕒

📌 incorrect

Please review [the video about access controls](#). ⚡

7. What are some disadvantages of using single sign-on (SSO) technology for user authentication? Select two.

0.5 / 1 point

📝

Access to all connected resources stops when SSO is down.

🕒

Correct

📝

Customers, vendors, and business partners are less vulnerable to attack.

🕒

📌 This should not be selected

Please review [the video about SSO and MFA](#). ⚡

📝

Username and password management is more complicated for the end users.

🕒

📌 This should not be selected

Please review [the video about SSO and MFA](#). ⚡

📝

Stolen credentials can give attackers access to multiple resources.

🕒

Correct

8. The main responsibility of a receptionist at a healthcare company is to check-in visitors upon arrival. When visitors check-in, which kinds of information should the receptionist be able to access to complete their task? Select two answers.

0.5 / 1 point

📝

A photo ID

🕒

Correct

📝

The patient being visited

🕒

Correct

📝

Their medical history

🕒

📌 This should not be selected

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

📝

Their billing information

🕒

📌 This should not be selected

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

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

🕒

Digital certificates

🕒

API tokens

🕒

Correct

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

0.5 / 1 point

📝

Record user activity for marketing purposes.

🕒

📌 This should not be selected

Please review [the video on accounting](#). ⚡

📝

Detect session hijacking incidents.

🕒

Correct

📝

Identify ways to improve business operations.

🕒

📌 This should not be selected

Please review [the video on accounting](#). ⚡

📝

Uncover threat actors who have accessed a system.

🕒

Correct