Frameworks and controls

Ethics in cybersecurity

Review: Protect against threats, risks, and vulnerabilities

Video: Wrap-up
1 min

Reading: Glossary terms from week 3
10 min

Quiz: Weekly challenge 3
10 questions

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Weekly challenge 3

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Quiz • 50 min

Review Learning Objectives

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1. What are some of the primary purposes of security frameworks? Select three answers. **1 / 1 point**

- [x] Protecting PII data
  - **Correct**
- [ ] Safeguarding specific individuals
- [x] Aligning security with business goals
  - **Correct**
- [x] Managing organizational risks
  - **Correct**

2. Which of the following are core components of security frameworks? Select two answers. **1 / 1 point**

- [ ] Monitoring personally identifiable information
- [ ] Managing data requests
- [x] Identifying and documenting security goals
  - **Correct**
- [x] Monitoring and communicating results
  - **Correct**

3. Fill in the blank: A security professional implements encryption and multi-factor authentication (MFA) to better protect customers' private data. This is an example of using _____. **1 / 1 point**

- ( ) security teams
- ( ) networking regulations
- (•) security controls
- ( ) organizational upgrades

Correct

4. You are helping your security team consider risk when setting up a new software system. Using the CIA triad, you focus on integrity, availability, and what else? **1 / 1 point**

- ( ) Conformity
- (•) Confidentiality
- ( ) Communication
- ( ) Consent

Correct

5. Fill in the blank: A key aspect of the CIA triad is ensuring that only _____ can access specific assets. **1 / 1 point**

- ( ) social media sites
- ( ) internet providers
- ( ) business competitors
- (•) authorized users

Correct

6. Which of the following statements accurately describe the NIST CSF? Select all that apply. **1 / 1 point**

- [x] It consists of standards, guidelines, and best practices.
  - **Correct**
- [x] Its purpose is to help manage cybersecurity risk.
  - **Correct**
- [ ] It is only effective at managing long-term risk.
- [x] It is a voluntary framework.
  - **Correct**

7. Fill in the blank: As a security professional, you monitor the potential threats associated with _____ because they often have access to sensitive information, know where to find it, and may have malicious intent. **1 / 1 point**

- ( ) external vendors
- ( ) existing customers
- (•) disgruntled employees
- ( ) governing agencies

Correct

8. A security professional overhears two employees discussing an exciting new product that has not been announced to the public. The security professional chooses to follow company guidelines with regards to confidentiality and does not share the information about the new product with friends. Which concept does this scenario describe? **1 / 1 point**

- ( ) Preserving evidence
- ( ) Security controls
- (•) Security ethics
- ( ) Data encryption

Correct

9. Which ethical principle describes safeguarding personal information from unauthorized use? **1 / 1 point**

- ( ) Honesty
- ( ) Non-bias
- ( ) Incident investigation
- (•) Privacy protection

Correct

10. Which ethical principle describes the rules that are recognized by a community and enforced by a governing entity? **1 / 1 point**

- ( ) Guidelines
- (•) Laws
- ( ) Protections
- ( ) Restrictions

Correct