

WGU C836 FUNDAMENTALS OF INFORMATION SECURITY LATEST 200 QUESTIONS AND ANSWERS UPDATED 2023 AGRADE

Which security type deliberately exposes a system's vulnerabilities or resources to an attacker?

- A Intrusion detection
- B Firewalls
- C Honeypots**
- D Intrusion prevention - ANSWER- C

Which tool can be used to map devices on a network, along with their operating system types and versions?

- A Packet sniffer
- B Packet filter
- C Port scanner**
- D Stateful firewall - ANSWER- C

Which web attack is a server-side attack?

- A Clickjacking
- B Cross-site scripting
- C SQL injection**
- D Cross-site request forgery - ANSWER- C

An organization employs a VPN to safeguard its information. Which security principle is protected by a VPN?

- A Data in motion**
- B Data at rest
- C Data in use
- D Data in storage - ANSWER- A

A malicious hacker was successful in a denial of service (DoS) attack against an institution's mail server. Fortunately, no data was lost or altered while the server was offline.

Which type of attack is this?

A Modification

B Fabrication

C Interception

D Interruption - ANSWER- D

A company has had several successful denial of service (DoS) attacks on its email server.

Which security principle is being attacked?

A Possession

B Integrity

C Confidentiality

D Availability - ANSWER- D

A new start-up company has started working on a social networking website. The company has moved all its source code to a cloud provider and wants to protect this source code from unauthorized access.

Which cyber defense concept should the start-up company use to maintain the confidentiality of its source code?

A Alarm systems

B Account permissions

C Antivirus software

D File encryption - ANSWER- D

A company has an annual audit of installed software and data storage systems. During the audit, the auditor asks how the company's most critical data is used. This determination helps the auditor ensure that the proper defense mechanisms are in place to protect critical data.

Which principle of the Parkerian hexad is the auditor addressing?

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- A Possession
 - B Integrity
 - C Authenticity
 - D Utility - ANSWER- D**

Which web attack is possible due to a lack of input validation?

- A Extraneous files
- B Clickjacking
- C SQL injection**
- D Cross-site request forgery - ANSWER- C

Which file action implements the principle of confidentiality from the CIA triad?

- A Compression
- B Hash
- C Backup
- D Encryption - ANSWER- D**

Which cyber defense concept suggests limiting permissions to only what is necessary to perform a particular task?

- A Authentication
- B Authorization
- C Defense in depth
- D Principle of least privilege - ANSWER- D**

A company institutes a new policy that "All office computer monitors must face toward employees and must face away from doorways. The monitor screens must not be visible to people visiting the office."

Which principle of the CIA triad is this company applying?

- A Availability
- B Confidentiality**
- C Utility
- D Integrity - ANSWER- B

At a small company, an employee makes an unauthorized data alteration.

Which component of the CIA triad has been compromised?

A Confidentiality

B Authenticity

C Integrity

D Availability - ANSWER- C

An organization plans to encrypt data in transit on a network.

Which aspect of data is the organization attempting to protect?

A Integrity

B Possession

C Availability

D Authenticity - ANSWER- A

Which aspect of the CIA triad is violated by an unauthorized database rollback or undo?

A Availability

B Identification

C Integrity

D Confidentiality - ANSWER- C

A company's website has suffered several denial of service (DoS) attacks and wishes to thwart future attacks.

Which security principle is the company addressing?

A Availability

B Authenticity

C Confidentiality

D Possession - ANSWER- A

An organization has a requirement that all database servers and file servers be configured to maintain operations in the presence of a failure.

Which principle of the CIA triad is this requirement implementing?

A Utility

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