

Cyber Security Flashcards PDF

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What is the primary goal of cyber security?

The primary goal of cyber security is to protect systems, networks, and programs from digital attacks.

What are the three main components of the CIA triad in cyber security?

The three main components of the CIA triad are Confidentiality, Integrity, and Availability.

What is a firewall?

A firewall is a network security device that monitors and controls incoming and outgoing network traffic based on predetermined security rules.

What is phishing?

Phishing is a type of cyber attack that attempts to trick individuals into providing sensitive information by masquerading as a trustworthy entity.

What does malware stand for?

Malware stands for malicious software, which is designed to harm, exploit, or otherwise compromise a computer system.

What is two-factor authentication (2FA)?

Two-factor authentication (2FA) is a security process in which the user provides two different authentication factors to verify themselves.

What is a DDoS attack?

A DDoS attack, or Distributed Denials of Service attack, is an attempt to make an online service unavailable by overwhelming it with traffic from multiple sources.

What is encryption?

Encryption is the process of converting information or data into a code to prevent unauthorized access.

What is a VPN?

A VPN, or Virtual Private Network, is a service that creates a secure connection over the internet between a user and a remote server.

What is social engineering in the context of cyber security?

Social engineering is the psychological manipulation of people into performing actions or divulging confidential information.