

## Cybersecurity Flashcards PDF

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What is the primary goal of cybersecurity?

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

What does the term 'phishing' refer to in cybersecurity?

Phishing refers to the fraudulent attempt to obtain sensitive information by disguises as a trustworthy entity in electronic communication.

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 the difference between a virus and a worm?

A virus attaches itself to a legitimate program and requires user action to spread, while a worm is a standalone malware that replicates itself to spread to other computers.

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 encryption?

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

What is a DDoS attack?

A DDoS (Distributed Denial of Service) attack is an attempt to make an online service unavailable by overwhelming it with traffic from multiple sources.

What is social engineering in the context of cybersecurity?

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

What is malware?

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

What is the purpose of a VPN?

A VPN (Virtual Private Network) provides a secure connection over the internet by encrypting the user's data and masking their IP address.