

## Comptia Flashcards PDF

### Comptia Flashcards PDF

*Disclaimer: The comptia flashcards pdf was generated with the help of StudyBlaze AI. Please be aware that AI can make mistakes. Please consult your teacher if you're unsure about your solution or think there might have been a mistake. Or reach out directly to the StudyBlaze team at [max@studyblaze.io](mailto:max@studyblaze.io).*

What is the primary purpose of a firewall?

To monitor and control incoming and outgoing network traffic based on predetermined security rules.

What does DHCP stand for?

Dynamic Host Configuration Protocol.

What is the function of an IP address?

To uniquely identify a device on a network.

What is the difference between TCP and UDP?

TCP is connection-oriented and ensures reliable delivery, while UDP is connectionless and does not guarantee delivery.

What does VPN stand for?

Virtual Private Network.

What is the purpose of encryption?

To protect data by converting it into a code to prevent unauthorized access.

What is a common use of a proxy server?

To act as an intermediary for requests from clients seeking resources from other servers.

What does the acronym SSL stand for?

Secure Sockets Layer.

What is the role of an operating system?

To manage computer hardware and software resources and provide common services for computer programs.

What is phishing?

A method of trying to gather personal information using deceptive emails and websites.