Unit 10 — Cybersecurity Principles



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Biometric authentication

a method of identity verification using biological means such as fingerprinting, retinal scanning, or face recognition

"Despite its convenience, biometric authentication is seen by many people as an intrusive and dehumanizing alternative to standard username and password verification."

Botnet

a network of malware-infected computers ready to obey the commands of the perpetrator

"Botnets can contain thousands of compromised machines, and are mainly used for spamming, and Denial of Service (DOS) attacks."

Brute force attack

a popular cracking technique using both "raw speed" and "trial-and-error" to guess a user's password

"The computer hacker stole the server's password file and then used a brute force attack to crack the password encryption algorithm."

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