

What are the 3 pillars of the CIA triad of information security?

-Confidentiality, integrity, and availability

What are 3 different ways users can provide information to identify themselves for computer access?

-User Knowledge(password, PIN, etc.), Smart card/Token(A chip, card, or other type of hardware that has a memory chip with a saved identification.), and Biometrics(Human Characteristics such as fingerprints, voice or retina).

In your opinion what are the top 4 guidelines for passwords?

-Don't leave computer when logged on, Use combination uppercase/lowercase letters, digits, and special characters, Don't use the same passwords in lots of places, Easy to remember, hard to guess.

What is the name of software that verifies that the user is not another computer?

-CAPTCHA

What else other than your username and password is needed for 2 factor authentication?

-Separate from the username and password 2FA requires something that only the user has on them such as a physical token.

What is the name for software that attempts to bypass authorization to perform unauthorized functions?

-Malicious Code(Worm, Trojan Horse, Virus, Logic Bomb)

What are 2 mechanisms that antivirus software use to detect and remove malicious code?

-Signature Detection(recognizes known malware) and Heuristics(used to identify general patterns)

Give at least 1 example of phishing and denial of service?

-Phishing = Emails stating that taxes have been wrongly filed or bank account details have been stolen and need updating)

Denial of Service = Overloading of a server to disable accessibility such as DDoS where multiple computers flood the network's bandwidth making the network and system inaccessible.

I have only experienced phishing using bank details and have not come across a denial of service attack.