

Malworms and Firewalls Game Questions

Which of the following is an example of a “phishing” attack?

- A. Sending someone an email that contains a malicious link that is disguised to look like an email from someone the person knows
- B. Creating a fake website that looks nearly identical to a real website in order to trick users into entering their login information
- C. Sending someone a text message that contains a malicious link that is
- D. Disguised to look like a notification that the person has won a contest
- E. Not sure

D - Phishing attacks attempt to get a user to click on a malicious link or file by impersonating a trusted source the user is familiar with. All three of the choices listed are examples of a phishing attack

Which of the following five passwords is the most secure?

- A. Boat123
- B. WTh!5Z
- C. into*48
- D. 123456
- E. 1baN@napurPledancEr
- F. Not sure

E - This password contains the basic elements of a strong password recommended by experts. It is long, contains a combination of letters, numbers and symbols; it includes both upper and lower case letters and three random words

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Criminals access someone's computer and encrypt the user's personal files and data. The user is unable to access this data unless they pay the criminals to decrypt the files. This practice is called ...

- A. Botnet
- B. Ransomware
- C. Driving
- D. Spam
- E. None of the above
- F. Not sure

B. Ransomware – Ransomware is a type of malicious software from that threatens to publish the victim's data or perpetually block access to it unless a ransom is paid.

“Private browsing” is a feature in many internet browsers that lets users access web pages without any information (like browsing history) being stored by the browser. Can internet service providers see the online activities of their subscribers when those subscribers are using private browsing?

- A. Yes
- B. No
- C. Not sure
- A. Yes - Private browsing prevents a user's internet browser from storing certain kinds of files on his or her device. However, internet service providers can still see all of the details of the user's web traffic.

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Turning off the GPS function of your smartphone prevents any tracking of your phone's location.

- A. True
- B. False
- C. Not sure

B. False - In addition to GPS, smartphones can also be tracked using the mobile phone towers or Wi-Fi networks that the phone is connected to.

If a public Wi-Fi network (such as in an airport or café) requires a password to access, is it generally safe to use that network for sensitive activities such as online banking?

- A. Yes, it is safe
- B. No, it is not safe
- C. Not sure

No, it is not safe - Even if a public Wi-Fi network requires a password, other users can potentially view the sensitive information a user sends across that Wi-Fi network.

What kind of cybersecurity risks can be minimized by using a Virtual Private Network (VPN)?

- A. Use of insecure Wi-Fi networks
- B. Key-logging
- C. De-anonymization by network operators
- D. Phishing attacks
- E. Not sure

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- A. Risks presented by use of insecure WiFi networks - A Virtual Private Network (VPN) allows users to create an encrypted connection between their devices and the internet, making it much harder for anyone other than the user to see their activity. Using an insecure WiFi network without a VPN puts you at risk of others seeing your data and using it to hack your accounts or inform phishing.

What does the “https://” at the beginning of a URL denote, as opposed to “http://” (without the “s”)?

- A. That the site has special high definition
 - B. That information entered into the site is encrypted
 - C. That the site is the newest version available
 - D. That the site is not accessible to certain computers
 - E. None of the above
 - F. Not sure
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- B. That information is encrypted - Encrypting information entered into a website makes it far more difficult for anyone other than the user and website owner to read the information.