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NCS A



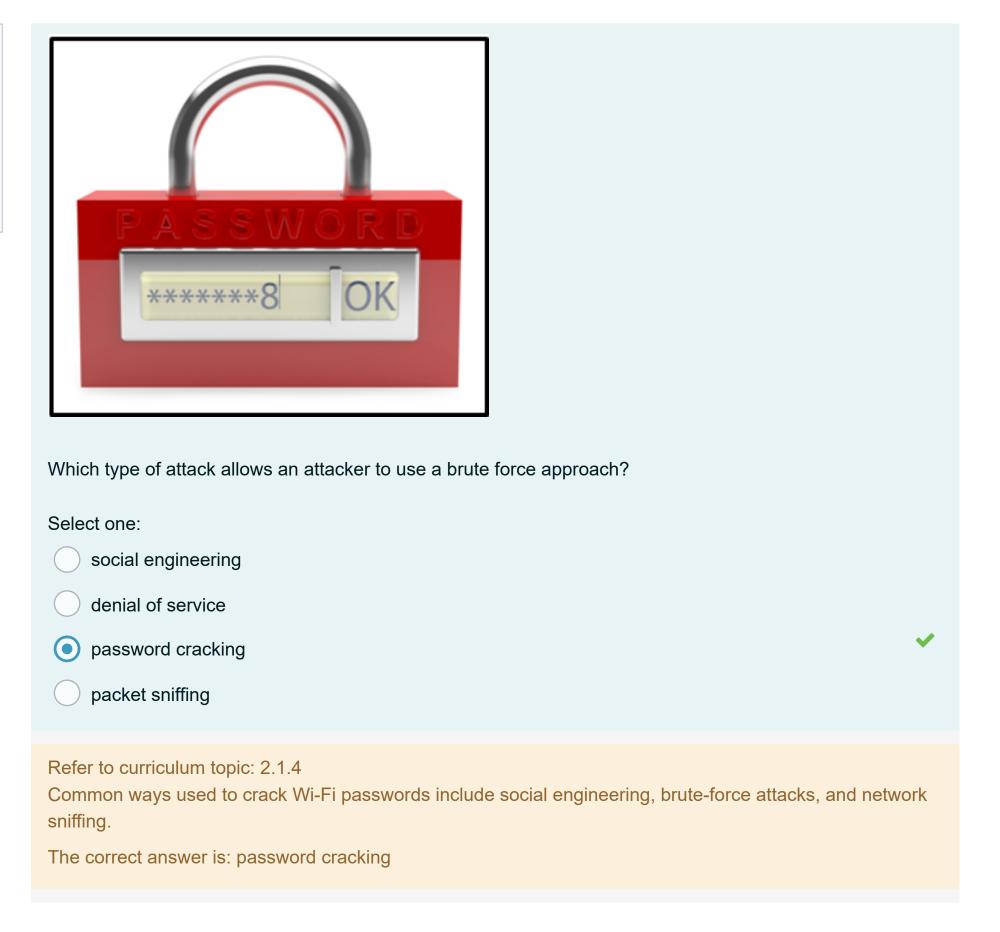
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Question 1 Correct Mark 2.00 out of executes when software is run on a computer 2.00 hides in a dormant state until needed by an attacker ▼ Flag question travels to new computers without any intervention or knowledge of the user is self-replicating infects computers by attaching to software code Refer to curriculum topic: 2.1.3 Worms are self-replicating pieces of software that consume bandwidth on a network as they propagate from system to system. They do not require a host application, unlike a virus. Viruses, on the other hand, carry executable malicious code which harms the target machine on which they reside. The correct answers are: is self-replicating, travels to new computers without any intervention or knowledge of the user

Question 2 What is the primary goal of a DoS attack? Correct Select one: Mark 2.00 out of to prevent the target server from being able to handle additional requests. 2.00 ▼ Flag to facilitate access to external networks question to scan the data on the target server to obtain all addresses in the address book within the server Refer to curriculum topic: 2.1.5 A denial of service (DoS) attack attempts to overwhelm a system or process by sending large amounts of data or requests to the target. The goal is to keep the system so overwhelmed handling false requests that it is unable to respond to legitimate ones. The correct answer is: to prevent the target server from being able to handle additional requests

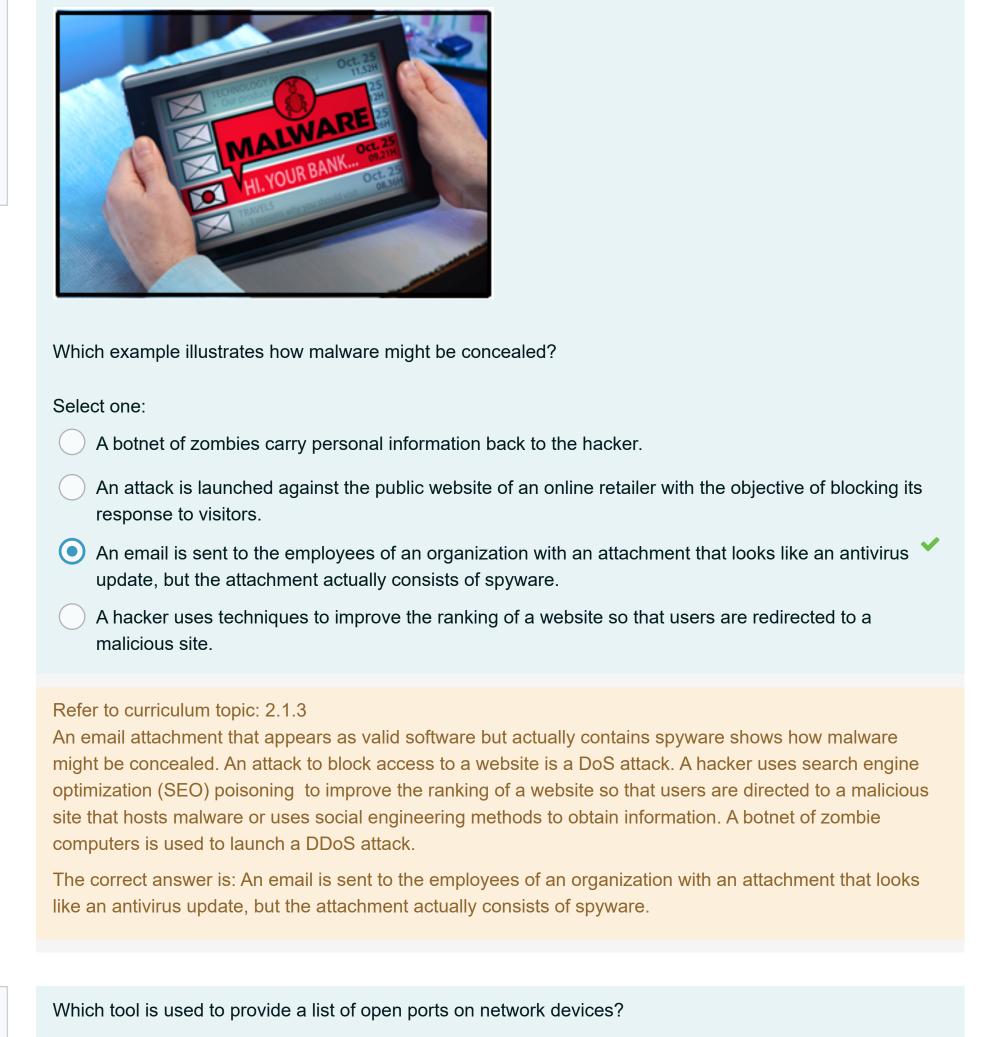
Question 3 In what way are zombies used in security attacks? Correct Select one: Mark 2.00 out of They are infected machines that carry out a DDoS attack. 2.00 They probe a group of machines for open ports to learn which services are running. ▼ Flag question They are maliciously formed code segments used to replace legitimate applications. They target specific individuals to gain corporate or personal information. Refer to curriculum topic: 2.1.5 Zombies are infected computers that make up a botnet. The zombies are used to deploy a distributed denial of service (DDoS) attack. The correct answer is: They are infected machines that carry out a DDoS attack.

Question 4 Correct Mark 2.00 out of 2.00 ▼ Flag question



Correct Mark 2.00 out of 2.00 ▼ Flag question

Question 5



Correct Mark 2.00 out of 2.00 ▼ Flag question

Question **7**

Question 6

Select one: Tracert Ping Nmap Whois Refer to curriculum topic: 2.1.4 The Nmap tool is a port scanner that is used to determine which ports are open on a particular network device. A port scanner is used before launching an attack. The correct answer is: Nmap What is the purpose of a rootkit?

Correct Select one: Mark 2.00 out of to replicate itself independently of any other programs 2.00 to gain privileged access to a device while concealing itself ▼ Flag question to deliver advertisements without user consent to masquerade as a legitimate program Refer to curriculum topic: 2.1.2 Malware can be classified as follows: - Virus (self replicates by attaching to another program or file) - Worm (replicates independently of another program) - Trojan Horse (masquerades as a legitimate file or program) - Rootkit (gains privileged access to a machine while concealing itself) - Spyware (collects information from a target system) - Adware (delivers advertisements with or without consent) - Bot (waits for commands from the hacker) - Ransomware (holds a computer system or data captive until payment is received) The correct answer is: to gain privileged access to a device while concealing itself Question 8 What is the most common goal of search engine optimization (SEO) poisoning?

Correct Select one: Mark 2.00 out of to overwhelm a network device with maliciously formed packets 2.00 to trick someone into installing malware or divulging personal information ▼ Flag question to increase web traffic to malicious sites to build a botnet of zombies Refer to curriculum topic: 2.1.5 A malicious user could create a SEO so that a malicious website appears higher in search results. The malicious website commonly contains malware or is used to obtain information via social engineering techniques. The correct answer is: to increase web traffic to malicious sites

Concepts Practice

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