



312-50V7^{Q&As}

Ethical Hacking and Countermeasures (CEHv7)

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QUESTION 1

You are trying to package a RAT Trojan so that Anti-Virus software will not detect it. Which of the listed technique will NOT be effective in evading Anti-Virus scanner?

- A. Convert the Trojan.exe file extension to Trojan.txt disguising as text file
- B. Break the Trojan into multiple smaller files and zip the individual pieces
- C. Change the content of the Trojan using hex editor and modify the checksum
- D. Encrypt the Trojan using multiple hashing algorithms like MD5 and SHA-1

Correct Answer: A

QUESTION 2

What two things will happen if a router receives an ICMP packet, which has a TTL value of 1, and the destination host is several hops away? (Select 2 answers)

- A. The router will discard the packet
- B. The router will decrement the TTL value and forward the packet to the next router on the path to the destination host
- C. The router will send a time exceeded message to the source host
- D. The router will increment the TTL value and forward the packet to the next router on the path to the destination host.
- E. The router will send an ICMP Redirect Message to the source host

Correct Answer: AC

QUESTION 3

Finding tools to run dictionary and brute forcing attacks against FTP and Web servers is an easy task for hackers. They use tools such as arhontus or brutus to break into remote servers.

```
CEH# ./rpa
Remote Password Assassin V 1.0
Roses Labs / w00w00
Usage: ./rpa <host> [options]
Options:
-l : Login file to use.
-s : Use the same login.
-c : Password file to use.
-r : Attack FlowPoint Router.
-t : Attack Telnet Port.
-f : Attack FTP Port.
-p : Attack POP Port.
CEH# ./rpa 10.0.0.34 -t -f -c passwords.txt -s linksys
```



A command such as this, will attack a given 10.0.0.34 FTP and Telnet servers simultaneously with a list of passwords and a single login name. linksys. Many FTP-specific password-guessing tools are also available from major security sites.

What defensive measures will you take to protect your network from these attacks?

- A. Never leave a default password
- B. Never use a password that can be found in a dictionary
- C. Never use a password related to your hobbies, pets, relatives, or date of birth.
- D. Use a word that has more than 21 characters from a dictionary as the password
- E. Never use a password related to the hostname, domain name, or anything else that can be found with whois

Correct Answer: ABCE

QUESTION 4

WWW wanderers or spiders are programs that traverse many pages in the World Wide Web by recursively retrieving linked pages. Search engines like Google, frequently spider web pages for indexing. How will you stop web spiders from crawling certain directories on your website?

- A. Place robots.txt file in the root of your website with listing of directories that you don't want to be crawled
- B. Place authentication on root directories that will prevent crawling from these spiders
- C. Enable SSL on the restricted directories which will block these spiders from crawling
- D. Place "HTTP:NO CRAWL" on the html pages that you don't want the crawlers to index

Correct Answer: A

QUESTION 5

How does traceroute map the route a packet travels from point A to point B?

- A. Uses a TCP timestamp packet that will elicit a time exceeded in transit message
- B. Manipulates the value of the time to live (TTL) within packet to elicit a time exceeded in transit message
- C. Uses a protocol that will be rejected by gateways on its way to the destination
- D. Manipulates the flags within packets to force gateways into generating error messages

Correct Answer: B