

210-250^{Q&As}

Cisco Cybersecurity Fundamentals

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QUESTION 1

Match the malware type with its description.

Select and Place:

Self-propagates through use of networks and vulnerabilities	Virus
Requires human interaction and inserts itself into another program	Trojan
Hidden malicious functionality or backdoor within existing program	Worm

Correct Answer:

	Requires human interaction and inserts itself into another program
	Hidden malicious functionality or backdoor within existing program
	Self-propagates through use of networks and vulnerabilities

QUESTION 2

Which of the following is not a technique used to confuse an IPS from assembling fragmenting packets?

- A. Encrypting traffic
- B. TCP segmentation and reordering attack
- C. Overlapping fragments
- D. Sending traffic in very slow method

Correct Answer: A

QUESTION 3

Which application- layer protocol that uses UDP to manage and monitor devices on the network could be exploited if it is not secured on devices?

- A. TFTP
- B. SNMP
- C. HTTPS
- D. FTP
- E. SMTP

Correct Answer: B

QUESTION 4

Which statement is true about the placement of an IPS?

- A. Placement is not important as long as the IPS is directly connected to a firewall interface.
- B. Security analysts are typically consulted about IPS placement.
- C. Optimal placement of an IPS depends on the needs and topology of the network to be protected.
- D. An IPS should never have to monitor traffic "in the wild" due to the overhead that is involved.

Correct Answer: D

QUESTION 5

Which of the following are benefits of system-based sandboxing?

- A. It limits the development of an application inside of a region of memory.
- B. It limits the impact of security vulnerabilities and bugs in code to only run inside the "sandbox."
- C. It prevents software bugs and exploits of vulnerabilities from affecting the rest of the system and from installing persistent malware in the system.
- D. It limits the communication of kernel modules within the system, controlling the flow of information and data exchange.

Correct Answer: BC

QUESTION 6

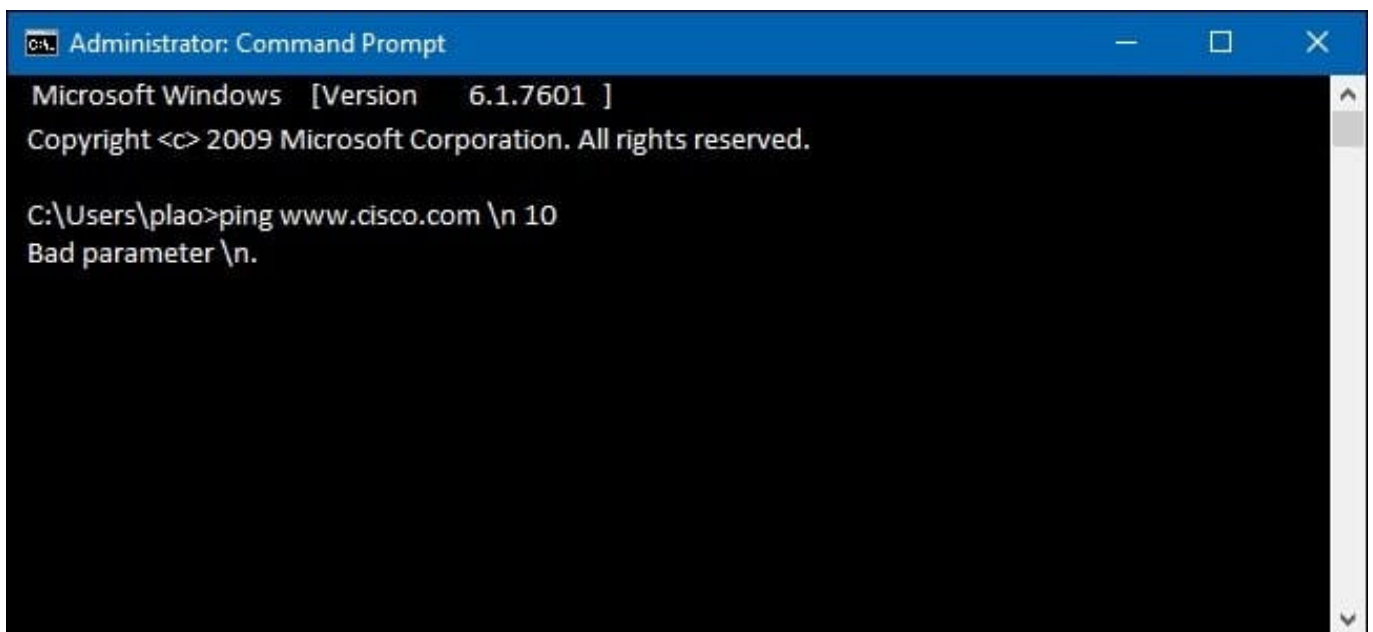
A change that is low risk and might not need to follow the full change management process is classified as which of the following?

- A. Standard
- B. Emergency
- C. Normal
- D. Controlled

Correct Answer: A

QUESTION 7

Referring to the figure that is shown below, why did the ping command fail?



```
Administrator: Command Prompt
Microsoft Windows [Version 6.1.7601 ]
Copyright (c) 2009 Microsoft Corporation. All rights reserved.

C:\Users\plao>ping www.cisco.com \n 10
Bad parameter \n.
```

- A. n is not a valid ping command option.
- B. should be /n, not \n
- C. The command must be run with administrator privilege.
- D. \n (name resolution) option should have not the 10 parameter following it

Correct Answer: B

QUESTION 8

Which three are considered personally identifiable information (PII) data? (Choose three.)

- A. passport number
- B. driver's license

- C. office address
- D. birthplace
- E. type and model of personal vehicle

Correct Answer: ABD

QUESTION 9

In computer security, which information is the term PHI used to describe?

- A. private host information
- B. protected health information
- C. personal health information
- D. protected host information

Correct Answer: B

QUESTION 10

Which vulnerability is an example of Heartbleed?

- A. denial of service
- B. information disclosure
- C. command injection
- D. buffer overflow

Correct Answer: D

QUESTION 11

Which protocol is used on IPv6 to resolve a Layer 3 address to a Layer 2 address?

- A. ICMPv6
- B. DHCPv6
- C. ARPv6
- D. PNPv6

Correct Answer: A

QUESTION 12

What netstat command would best allow an administrator to determine the service responsible for a listening socket?

- A. sudo netstat -tn
- B. sudo netstat -lnp
- C. netstat -tn
- D. netstat ln

Correct Answer: B

QUESTION 13

Match the NGFW requirement to its description.

Select and Place:

Automatically blocks suspected bad web sites	SSL/TLS traffic decryption
Allows only engineering employees o access development servers	Reputation-based filtering
Decrypts Facebook traffic so that it can be inspected and controlled	Intrusion Prevention System
Detects malicious payload in network	Granular application visibility and control
Differentiates between Facebook games and Facebook	User- or group-based policy

Correct Answer:

	Decrypts Facebook traffic so that it can be inspected and controlled
	Automatically blocks suspected bad web sites
	Detects malicious payload in network
	Differentiates between Facebook games and Facebook
	Allows only engineering employees o access development servers

QUESTION 14

Which four of the following are interior gateway routing protocols? (Choose four.)

- A. BGP
- B. EIGRP
- C. GRE
- D. HSRP
- E. IS-IS
- F. OSPF
- G. RIP

Correct Answer: BEFG

QUESTION 15

Which option is a purpose of port scanning?

- A. Identify the Internet Protocol of the target system.
- B. Determine if the network is up or down.
- C. Identify which ports and services are open on the target host.
- D. Identify legitimate users of a system.

Correct Answer: C

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