Exam Questions 312-38

EC-Council Network Security Administrator (ENSA)

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NEW QUESTION 1
The network administrator wants to strengthen physical security in the organization. Specifically, to implement a solution stopping people from entering certain restricted zones without proper credentials. Which of following physical security measures should the administrator use?

A. Bollards
B. Fence
C. Video surveillance
D. Mantrap

Answer: B

NEW QUESTION 2
You are responsible for network functions and logical security throughout the corporation. Your company has over 250 servers running Windows Server 2012, 5000 workstations running Windows 10, and 200 mobile users working from laptops on Windows 8. Last week 10 of your company's laptops were stolen from a salesman, while at a conference in Barcelona. These laptops contained proprietary company information.
While doing a damage assessment, a news story leaks about a blog post containing information about the stolen laptops and the sensitive information. What built-in Windows feature could you have implemented to protect the sensitive information on these laptops?

A. You should have used 3DES.
B. You should have implemented the Distributed File System (DFS).
C. If you would have implemented Pretty Good Privacy (PGP).
D. You could have implemented the Encrypted File System (EFS)

Answer: D

NEW QUESTION 3
Sam, a network administrator is using Wireshark to monitor the network traffic of the organization. He wants to detect TCP packets with no flag set to check for a specific attack attempt. Which filter will he use to view the traffic?

A. Tcp.flags==0x000
B. Tcp.flags==0000x
C. Tcp.flags==000x0
D. Tcp.flags==x0000

Answer: A

NEW QUESTION 4
James is working as a Network Administrator in a reputed company situated in California. He is monitoring his network traffic with the help of Wireshark. He wants to check and analyze the traffic against a PING sweep attack. Which of the following Wireshark filters will he use?

A. lcmp.type==0 and icmp.type==16
B. lcmp.type==8 or icmp.type==16
C. lcmp.type==8 and icmp.type==0
D. lcmp.type==8 or icmp.type==0

Answer: D

NEW QUESTION 5
Identify the spread spectrum technique that multiplies the original data signal with a pseudo random noise spreading code.

A. FHSS
B. DSSS
C. OFDM
D. ISM

Answer: B

NEW QUESTION 6
Geon Solutions INC., had only 10 employees when it started. But as business grew, the organization had to increase the amount of staff. The network administrator is finding it difficult to accommodate an increasing number of employees in the existing network topology. So the organization is planning to implement a new topology where it will be easy to accommodate an increasing number of employees. Which network topology will help the administrator solve the problem of needing to add new employees and expand?

A. Bus
B. Star
C. Ring
D. Mesh

Answer: B

NEW QUESTION 7
Harry has sued the company claiming they made his personal information public on a social networking site in the United States. The company denies the allegations and consulted a/an _____ for legal advice to defend
them against this allegation.

A. PR Specialist
B. Attorney
C. Incident Handler
D. Evidence Manager

Answer: B

NEW QUESTION 8
The IR team and the network administrator have successfully handled a malware incident on the network. The team is now preparing countermeasure guideline to avoid a future occurrence of the malware incident.
Which of the following countermeasure(s) should be added to deal with future malware incidents? (Select all that apply)

A. Complying with the company's security policies
B. Implementing strong authentication schemes
C. Implementing a strong password policy
D. Install antivirus software

Answer: D

NEW QUESTION 9
Identify the network topology where each computer acts as a repeater and the data passes from one computer to the other in a single direction until it reaches the destination.

A. Ring
B. Mesh
C. Bus
D. Star

Answer: A

NEW QUESTION 10
Harry has successfully completed the vulnerability scanning process and found serious vulnerabilities exist in the organization's network. Identify the vulnerability management phases through which he will proceed to ensure all the detected vulnerabilities are addressed and eradicated. (Select all that apply)

A. Mitigation
B. Assessment
C. Verification
D. Remediation

Answer: ACD

NEW QUESTION 10
Henry needs to design a backup strategy for the organization with no service level downtime. Which backup method will he select?

A. Normal backup
B. Warm backup
C. Hot backup
D. Cold backup

Answer: C

NEW QUESTION 14
What command is used to terminate certain processes in an Ubuntu system?

A. #grep Kill [Target Process}
B. #kill-9[PID]
C. #ps ax Kill
D. # netstat Kill [Target Process]

Answer: C

NEW QUESTION 19
Rick has implemented several firewalls and IDS systems across his enterprise network. What should he do to effectively correlate all incidents that pass through these security controls?

A. Use firewalls in Network Address Transition (NAT) mode
B. Implement IPsec
C. Implement Simple Network Management Protocol (SNMP)
D. Use Network Time Protocol (NTP)

Answer: D

NEW QUESTION 20
During a security awareness program, management was explaining the various reasons which create threats to network security. Which could be a possible threat to network security?

A. Configuring automatic OS updates
B. Having a web server in the internal network
C. Implementing VPN
D. Patch management

Answer: B

NEW QUESTION 22
Consider a scenario consisting of a tree network. The root Node N is connected to two man nodes N1 and N2. N1 is connected to N11 and N12. N2 is connected to N21 and N22. What will happen if any one of the main nodes fail?

A. Failure of the main node affects all other child nodes at the same level irrespective of the main node.
B. Does not cause any disturbance to the child nodes or its tranmission
C. Failure of the main node will affect all related child nodes connected to the main node
D. Affects the root node only

Answer: C

NEW QUESTION 23
Blake is working on the company's updated disaster and business continuity plan. The last section of the plan covers computer and data incidence response. Blake is outlining the level of severity for each type of incident in the plan. Unsuccessful scans and probes are at what severity level?

A. High severity level
B. Extreme severity level
C. Mid severity level
D. Low severity level

Answer: D

NEW QUESTION 24
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A. Extreme severity level
B. Low severity level
C. Mid severity level
D. High severity level

Answer: B

NEW QUESTION 25
Which of the following network monitoring techniques requires extra monitoring software or hardware?

A. Non-router based
B. Switch based
C. Hub based
D. Router based

Answer: A

NEW QUESTION 27
If a network is at risk from unskilled individuals, what type of threat is this?

A. External Threats
B. Structured Threats
C. Unstructured Threats
D. Internal Threats

Answer: C

NEW QUESTION 31
Which of the following VPN topologies establishes a persistent connection between an organization's main office and its branch offices using a third-party network or the Internet?

A. Star
B. Point-to-Point
C. Full Mesh
D. Hub-and-Spoke

Answer: D

NEW QUESTION 32
Management wants to bring their organization into compliance with the ISO standard for information security risk management. Which ISO standard will management decide to implement?

A. ISO/IEC 27004
B. ISO/IEC 27002
C. ISO/IEC 27006
D. ISO/IEC 27005

Answer: D

NEW QUESTION 36
Ivan needs to pick an encryption method that is scalable even though it might be slower. He has settled on a method that works where one key is public and the other is private. What encryption method did Ivan settle on?

A. Ivan settled on the private encryption method.
B. Ivan settled on the symmetric encryption method.
C. Ivan settled on the asymmetric encryption method
D. Ivan settled on the hashing encryption method

Answer: C

NEW QUESTION 41
A network is setup using an IP address range of 0.0.0.0 to 127.255.255.255. The network has a default subnet mask of 255.0.0.0. What IP address class is the network range a part of?

A. Class C
B. Class A
C. Class B
D. Class D

Answer: B

NEW QUESTION 46
Steven's company has recently grown from 5 employees to over 50. Every workstation has a public IP address and navigated to the Internet with little to no protection. Steven wants to use a firewall. He also wants IP addresses to be private addresses, to prevent public Internet devices direct access to them. What should Steven implement on the firewall to ensure this happens?

A. Steven should use a Demilitarized Zone (DMZ)
B. Steven should use Open Shortest Path First (OSPF)
C. Steven should use IPsec
D. Steven should enabled Network Address Translation(NAT)

Answer: D

NEW QUESTION 50
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