

312-38 Dumps

EC-Council Network Security Administrator (ENSA)

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NEW QUESTION 1

According to the company's security policy, all access to any network resources must use Windows Active Directory Authentication. A Linux server was recently installed to run virtual servers and it is not using Windows Authentication. What needs to happen to force this server to use Windows Authentication?

- A. Edit the ADLIN file.
- B. Edit the shadow file.
- C. Remove the /var/bin/localauth.conf file.
- D. Edit the PAM file to enforce Windows Authentication

Answer: D

NEW QUESTION 2

Tom works as a network administrator in a multinational organization having branches across North America and Europe. Tom wants to implement a storage technology that can provide centralized data storage and provide free data backup on the server. He should be able to perform data backup and recovery more efficiently with the selected technology. Which of the following storage technologies best suits Tom's requirements?

- A. DAS
- B. PAS
- C. RAID
- D. NAS

Answer: D

NEW QUESTION 3

Timothy works as a network administrator in a multinational organization. He decides to implement a dedicated network for sharing storage resources. He uses a _____ as it separates the storage units from the servers and the user network.

- A. SAN
- B. SCSI
- C. NAS
- D. SAS

Answer: A

NEW QUESTION 4

A company has the right to monitor the activities of their employees on different information systems according to the _____ policy.

- A. Information system
- B. User access control
- C. Internet usage
- D. Confidential data

Answer: B

NEW QUESTION 5

Kyle, a front office executive, suspects that a Trojan has infected his computer. What should be his first course of action to deal with the incident?

- A. Contain the damage
- B. Disconnect the five infected devices from the network
- C. Inform the IRT about the incident and wait for their response
- D. Inform everybody in the organization about the attack

Answer: C

NEW QUESTION 6

John is a network administrator and is monitoring his network traffic with the help of Wireshark. He suspects that someone from outside is making a TCP OS fingerprinting attempt on his organization's network. Which of the following Wireshark filter(s) will he use to locate the TCP OS fingerprinting attempt?

- A. Tcp.flags==0x2b
- B. Tcp.flags=0x00
- C. Tcp.options.mss_val<1460
- D. Tcp.options.wscale_val==20

Answer: ABC

NEW QUESTION 7

What is the name of the authority that verifies the certificate authority in digital certificates?

- A. Directory management system
- B. Certificate authority
- C. Registration authority
- D. Certificate Management system

Answer: D

NEW QUESTION 8

James wants to implement certain control measures to prevent denial-of-service attacks against the organization. Which of the following control measures can help James?

- A. Strong passwords
- B. Reduce the sessions time-out duration for the connection attempts
- C. A honeypot in DMZ
- D. Provide network-based anti-virus

Answer: B

NEW QUESTION 9

The risk assessment team in Southern California has estimated that the probability of an incident that has potential to impact almost 80% of the bank's business is very high. How should this risk be categorized in the risk matrix?

- A. High
- B. Medium
- C. Extreme
- D. Low

Answer: C

NEW QUESTION 10

An US-based organization decided to implement a RAID storage technology for their data backup plan. John wants to setup a RAID level that require a minimum of six drives but will meet high fault tolerance and with a high speed for the data read and write operations. What RAID level is John considering to meet this requirement?

- A. RAID level 1
- B. RAID level 10
- C. RAID level 5
- D. RAID level 50

Answer: D

NEW QUESTION 10

Larry is responsible for the company's network consisting of 300 workstations and 25 servers. After using a hosted email service for a year, the company wants to control the email internally. Larry likes this idea because it will give him more control over the email. Larry wants to purchase a server for email but does not want the server to be on the internal network due to the potential to cause security risks. He decides to place the server outside of the company's internal firewall. There is another firewall connected directly to the Internet that will protect traffic from accessing the email server. The server will be placed between the two firewalls. What logical area is Larry putting the new email server into?

- A. He is going to place the server in a Demilitarized Zone (DMZ)
- B. He will put the email server in an IPsec zone.
- C. Larry is going to put the email server in a hot-server zone.
- D. For security reasons, Larry is going to place the email server in the company's Logical Buffer Zone (LBZ).

Answer: A

NEW QUESTION 13

-----is a group of broadband wireless communications standards for Metropolitan Area Networks (MANs)

- A. 802.15
- B. 802.16
- C. 802.15.4
- D. 802.12

Answer: B

NEW QUESTION 16

Malone is finishing up his incident handling plan for IT before giving it to his boss for review. He is outlining the incident response methodology and the steps that are involved. What is the last step he should list?

- A. Assign eradication.
- B. Recovery
- C. Containment
- D. A follow-up.

Answer: D

NEW QUESTION 17

James is a network administrator working at a student loan company in Minnesota. This company processes over 20,000 student loans a year from colleges all over the state. Most communication between the company schools, and lenders is carried out through emails. Much of the email communication used at his company contains sensitive information such as social security numbers. For this reason, James wants to utilize email encryption. Since a server-based PKI is not an option for him, he is looking for a low/no cost solution to encrypt emails. What should James use?

- A. James could use PGP as a free option for encrypting the company's emails.

- B. James should utilize the free OTP software package.
- C. James can use MD5 algorithm to encrypt all the emails
- D. James can enforce mandatory HTTPS in the email clients to encrypt emails

Answer: A

NEW QUESTION 19

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 21

Liza was told by her network administrator that they will be implementing IPsec VPN tunnels to connect the branch locations to the main office. What layer of the OSI model do IPsec tunnels function on?

- A. The data link layer
- B. The session layer
- C. The network layer
- D. The application and physical layers

Answer: C

NEW QUESTION 23

The agency Jacob works for stores and transmits vast amounts of sensitive government data that cannot be compromised. Jacob has implemented Encapsulating Security Payload (ESP) to encrypt IP traffic. Jacob wants to encrypt the IP traffic by inserting the ESP header in the IP datagram before the transport layer protocol header. What mode of ESP does Jacob need to use to encrypt the IP traffic?

- A. He should use ESP in transport mode.
- B. Jacob should utilize ESP in tunnel mode.
- C. Jacob should use ESP in pass-through mode.
- D. He should use ESP in gateway mode

Answer: B

NEW QUESTION 24

The network admin decides to assign a class B IP address to a host in the network. Identify which of the following addresses fall within a class B IP address range.

- A. 255.255.255.0
- B. 18.12.4.1
- C. 172.168.12.4
- D. 169.254.254.254

Answer: C

NEW QUESTION 26

Brendan wants to implement a hardware based RAID system in his network. He is thinking of choosing a suitable RAM type for the architectural setup in the system. The type he is interested in provides access times of up to 20 ns. Which type of RAM will he select for his RAID system?

- A. NVRAM
- B. SDRAM
- C. NAND flash memory
- D. SRAM

Answer: D

NEW QUESTION 28

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 32

Management asked their network administrator to suggest an appropriate backup medium for their backup plan that best suits their organization's need. Which of the following factors will the administrator consider when deciding on the appropriate backup medium?

- A. Capability
- B. Accountability
- C. Extensibility
- D. Reliability

Answer: ACD

NEW QUESTION 36

Which phase of vulnerability management deals with the actions taken for correcting the discovered vulnerability?

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

Answer: C

NEW QUESTION 40

Cindy is the network security administrator for her company. She just got back from a security conference in Las Vegas where they talked about all kinds of old and new security threats; many of which she did not know of. She is worried about the current security state of her company's network so she decides to start scanning the network from an external IP address. To see how some of the hosts on her network react, she sends out SYN packets to an IP range. A number of IPs responds with a SYN/ACK response. Before the connection is established, she sends RST packets to those hosts to stop the session. She has done this to see how her intrusion detection system will log the traffic. What type of scan is Cindy attempting here?

- A. The type of scan she is using is called a NULL scan.
- B. Cindy is using a half-open scan to find live hosts on her network.
- C. Cindy is attempting to find live hosts on her company's network by using a XMAS scan.
- D. She is utilizing a RST scan to find live hosts that are listening on her network.

Answer: B

NEW QUESTION 45

Michael decides to view the-----to track employee actions on the organization's network.

- A. Firewall policy
- B. Firewall log
- C. Firewall settings
- D. Firewall rule set

Answer: B

NEW QUESTION 47

Sean has built a site-to-site VPN architecture between the head office and the branch office of his company. When users in the branch office and head office try to communicate with each other, the traffic is encapsulated. As the traffic passes through the gateway, it is encapsulated again. The header and payload both are encapsulated. This second encapsulation occurs only in the _____ implementation of a VPN.

- A. Full Mesh Mode
- B. Point-to-Point Mode
- C. Transport Mode
- D. Tunnel Mode

Answer: D

NEW QUESTION 49

Frank is a network technician working for a medium-sized law firm in Memphis. Frank and two other IT employees take care of all the technical needs for the firm. The firm's partners have asked that a secure wireless network be implemented in the office so employees can move about freely without being tied to a network cable. While Frank and his colleagues are familiar with wired Ethernet technologies, 802.3, they are not familiar with how to setup wireless in a business environment. What IEEE standard should Frank and the other IT employees follow to become familiar with wireless?

- A. The IEEE standard covering wireless is 802.9 and they should follow this.
- B. 802.7 covers wireless standards and should be followed
- C. They should follow the 802.11 standard
- D. Frank and the other IT employees should follow the 802.1 standard.

Answer: C

NEW QUESTION 54

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 56

Lyle is the IT director for a medium-sized food service supply company in Nebraska. Lyle's company employs over 300 workers, half of which use computers. He recently came back from a security training seminar on logical security. He now wants to ensure his company is as secure as possible. Lyle has many network nodes and workstation nodes across the network. He does not have much time for implementing a network-wide solution. He is primarily concerned about preventing any external attacks on the network by using a solution that can drop packets if they are found to be malicious. Lyle also wants this solution to be easy to implement and be network-wide. What type of solution would be best for Lyle?

- A. A NEPT implementation would be the best choice.
- B. To better serve the security needs of his company, Lyle should use a HIDS system.
- C. Lyle would be best suited if he chose a NIPS implementation
- D. He should choose a HIPS solution, as this is best suited to his needs.

Answer: C

NEW QUESTION 59

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 62

Simon had all his systems administrators implement hardware and software firewalls to ensure network security. They implemented IDS/IPS systems throughout the network to check for and stop any unauthorized traffic that may attempt to enter. Although Simon and his administrators believed they were secure, a hacker group was able to get into the network and modify files hosted on the company's website. After searching through the firewall and server logs, no one could find how the attackers were able to get in. He decides that the entire network needs to be monitored for critical and essential file changes. This monitoring tool alerts administrators when a critical file is altered. What tool could Simon and his administrators implement to accomplish this?

- A. Snort is the best tool for their situation
- B. They can implement Wireshark
- C. They could use Tripwire
- D. They need to use Nessus

Answer: C

NEW QUESTION 67

Which of the following is a best practice for wireless network security?

- A. Enabling the remote router login
- B. Do not changing the default SSID
- C. Do not placing packet filter between the AP and the corporate intranet
- D. Using SSID cloaking

Answer: D

NEW QUESTION 69

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