



EC-Council

Exam Questions 312-38

EC-Council Network Security Administrator (ENSA)

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NEW QUESTION 1

Identify the correct statements regarding a DMZ zone:

- A. It is a file integrity monitoring mechanism
- B. It is a Neutral zone between a trusted network and an untrusted network
- C. It serves as a proxy
- D. It includes sensitive internal servers such as database servers

Answer: B

NEW QUESTION 2

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 3

The bank where you work has 600 windows computers and 400 Red Hat computers which primarily serve as bank teller consoles. You have created a plan and deployed all the patches to the Windows computers and you are now working on updating the Red Hat computers. What command should you run on the network to update the Red Hat computers, download the security package, force the package installation, and update all currently installed packages?

- A. You should run the `up2date -d -f -u` command
- B. You should run the `up2data -u` command
- C. You should run the `WSUS -d -f -u` command.
- D. You should type the `sysupdate -d` command

Answer: A

NEW QUESTION 4

If there is a fire incident caused by an electrical appliance short-circuit, which fire suppressant should be used to control it?

- A. Water
- B. Wet chemical
- C. Dry chemical
- D. Raw chemical

Answer: C

NEW QUESTION 5

George was conducting a recovery drill test as a part of his network operation. Recovery drill tests are conducted on the _____.

- A. Archived data
- B. Deleted data
- C. Data in transit
- D. Backup data

Answer: D

NEW QUESTION 6

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 7

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 8

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 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 enterprise recently moved to a new office and the new neighborhood is a little risky. The CEO wants to monitor the physical perimeter and the entrance doors 24 hours. What is the best option to do this job?

- A. Install a CCTV with cameras pointing to the entrance doors and the street
- B. Use fences in the entrance doors
- C. Use lights in all the entrance doors and along the company's perimeter
- D. Use an IDS in the entrance doors and install some of them near the corners

Answer: A

NEW QUESTION 10

Which OSI layer does a Network Interface Card (NIC) work on?

- A. Physical layer
- B. Presentation layer
- C. Network layer
- D. Session layer

Answer: A

NEW QUESTION 12

Will is working as a Network Administrator. Management wants to maintain a backup of all the company data as soon as it starts operations. They decided to use a RAID backup storage technology for their data backup plan. To implement the RAID data backup storage, Will sets up a pair of RAID disks so that all the data written to one disk is copied automatically to the other disk as well. This maintains an additional copy of the data. Which RAID level is used here?

- A. RAID 3
- B. RAID 1
- C. RAID 5
- D. RAID 0

Answer: B

NEW QUESTION 13

You are an IT security consultant working on a contract for a large manufacturing company to audit their entire network. After performing all the tests and building your report, you present a number of recommendations to the company and what they should implement to become more secure. One recommendation is to install a network-based device that notifies IT employees whenever malicious or questionable traffic is found. From your talks with the company, you know that they do not want a device that actually drops traffic completely, they only want notification. What type of device are you suggesting?

- A. The best solution to cover the needs of this company would be a HIDS device.
- B. A NIDS device would work best for the company
- C. You are suggesting a NIPS device
- D. A HIPS device would best suite this company

Answer: B

NEW QUESTION 18

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

Alex is administrating the firewall in the organization's network. What command will he use to check all the remote addresses and ports in numerical form?

- A. Netstat -o
- B. Netstat -a
- C. Netstat -ao
- D. Netstat -an

Answer: D

NEW QUESTION 22

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 23

An attacker uses different types of password cracking techniques to crack the password and gain unauthorized access to a system. An attacker uses a file containing a list of commonly used passwords. They then upload this file into the cracking application that runs against the user accounts. Which of the following password cracking techniques is the attacker trying?

- A. Bruteforce
- B. Rainbow table
- C. Hybrid
- D. Dictionary

Answer: D

NEW QUESTION 26

Consider a scenario consisting of a tree network. The root Node N is connected to two main 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 transmission
- 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 30

Dan and Alex are business partners working together. Their Business-Partner Policy states that they should encrypt their emails before sending to each other. How will they ensure the authenticity of their emails?

- A. Dan will use his public key to encrypt his mails while Alex will use Dan's digital signature to verify the authenticity of the mails.
- B. Dan will use his private key to encrypt his mails while Alex will use his digital signature to verify the authenticity of the mails.
- C. Dan will use his digital signature to sign his mails while Alex will use his private key to verify the authenticity of the mails.
- D. Dan will use his digital signature to sign his mails while Alex will use Dan's public key to verify the authenticity of the mails.

Answer: D

NEW QUESTION 31

John has implemented _____ in the network to restrict the limit of public IP addresses in his organization and to enhance the firewall filtering technique.

- A. DMZ
- B. Proxies
- C. VPN
- D. NAT

Answer: D

NEW QUESTION 36

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 39

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

Answer: B

NEW QUESTION 41

Which VPN QoS model guarantees the traffic from one customer edge (CE) to another?

- A. Pipe Model
- B. AAA model
- C. Hub-and-Spoke VPN model
- D. Hose mode

Answer: A

NEW QUESTION 43

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 46

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 48

John has successfully remediated the vulnerability of an internal application that could have caused a threat to the network. He is scanning the application for the existence of a remediated vulnerability, this process is called a _____ and it has to adhere to the _____

- A. Verification, Security Policies
- B. Mitigation, Security policies
- C. Vulnerability scanning, Risk Analysis
- D. Risk analysis, Risk matrix

Answer: A

NEW QUESTION 51

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 56

Which of the following Event Correlation Approach checks and compares all the fields systematically and intentionally for positive and negative correlation with each other to determine the correlation across one or multiple fields?

- A. Automated Field Correlation
- B. Field-Based Approach
- C. Rule-Based Approach
- D. Graph-Based Approach

Answer: A

NEW QUESTION 60

Alex is administrating the firewall in the organization's network. What command will he use to check the ports applications open?

- A. Netstat -an
- B. Netstat -o
- C. Netstat -a
- D. Netstat -ao

Answer: A

NEW QUESTION 61

John wants to implement a firewall service that works at the session layer of the OSI model. The firewall must also have the ability to hide the private network information. Which type of firewall service is John thinking of implementing?

- A. Application level gateway
- B. Stateful Multilayer Inspection
- C. Circuit level gateway
- D. Packet Filtering

Answer: C

NEW QUESTION 64

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 66

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