GSNA Q&As

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QUESTION 1

You work as a Network Administrator for Tech Perfect Inc. The company has a Windows Active Directory- based single domain single forest network. The functional level of the forest is Windows Server 2003. The company has recently provided fifty laptops to its sales team members. You are required to configure an 802.11 wireless network for the laptops. The sales team members must be able to use their data placed at a server in a cabled network. The planned network should be able to handle the threat of unauthorized access and data interception by an unauthorized user. You are also required to prevent the sales team members from communicating directly to one another.

Which of the following actions will you take to accomplish the task?

A. Implement the open system authentication for the wireless network.

B. Configure the wireless network to use WEP encryption for the data transmitted over a wireless network.

C. Using group policies, configure the network to allow the wireless computers to connect to the infrastructure networks only.

D. Implement the IEEE 802.1X authentication for the wireless network.

E. Using group policies, configure the network to allow the wireless computers to connect to the ad hoc networks only.

Correct Answer: BCD

In order to enable wireless networking, you have to install access points in various areas of your office building. These access points generate omni directional signals to broadcast network traffic. Unauthorized users can intercept these packets. Hence, security is the major concern for a wireless network. The two primary threats are unauthorized access and data interception. In order to accomplish the task, you will have to take the following steps:

Using group policies, configure the network to allow the wireless computers to connect to the infrastructure networks only. This will prevent the sales team members from communicating directly to one another. Implement the IEEE 802.1X

authentication for the wireless network. This will allow only authenticated users to access the network data and resources.

Configure the wireless network to use WEP encryption for data transmitted over a wireless network. This will encrypt the network data packets transmitted over wireless connections. Although WEP encryption does not prevent intruders from

capturing the packets, it prevents them from reading the data inside.

QUESTION 2

You work as a Web Deployer for UcTech Inc. You write the element for an application in which you write the sub-element as follows: * Who will have access to the application?

A. Only the administrator

B. No user

C. All users

D. It depends on the application.

Correct Answer: C

The element is a sub-element of the element. It defines the roles that are allowed to access the Web resources specified by the sub-elements. The element

is written in the deployment descriptor as follows:

---------- Administrator Writing Administrator within the

element will allow only the administrator to have access to the resource defined within the element.

QUESTION 3

You work as a Computer Hacking Forensic Investigator for SecureNet Inc. You want to investigate Cross- Site Scripting attack on your company\\'s Website. Which of the following methods of investigation can you use to accomplish the task?

A. Review the source of any HTML-formatted e-mail messages for embedded scripts or links in the URL to the company\\'s site.

B. Look at the Web servers logs and normal traffic logging.

C. Use Wireshark to capture traffic going to the server and then searching for the requests going to the input page, which may give log of the malicious traffic and the IP address of the source.

D. Use a Web proxy to view the Web server transactions in real time and investigate any communication with outside servers.

Correct Answer: ABD

You can use the following methods to investigate Cross-Site Scripting attack:

1.

Look at the Web servers logs and normal traffic logging.

2.

Use a Web proxy to view the Web server transactions in real time and investigate any communication with outside servers.

3.

Review the source of any HTML-formatted e-mail messages for embedded scripts or links in the URL to the company\\'s site. Answer: C is incorrect. This method is not used to investigate Cross-Site Scripting attack.

QUESTION 4

Brutus is a password cracking tool that can be used to crack the following authentications: HTTP (Basic Authentication) HTTP (HTML Form/CGI) POP3 (Post Office Protocol v3) FTP (File Transfer Protocol) SMB (Server Message Block) Telnet Which of the following attacks can be performed by Brutus for password cracking?

A. Man-in-the-middle attack

B. Hybrid attack

C. Replay attack

D. Brute force attack

E. Dictionary attack

Correct Answer: BDE

Brutus can be used to perform brute force attacks, dictionary attacks, or hybrid attacks.

QUESTION 5

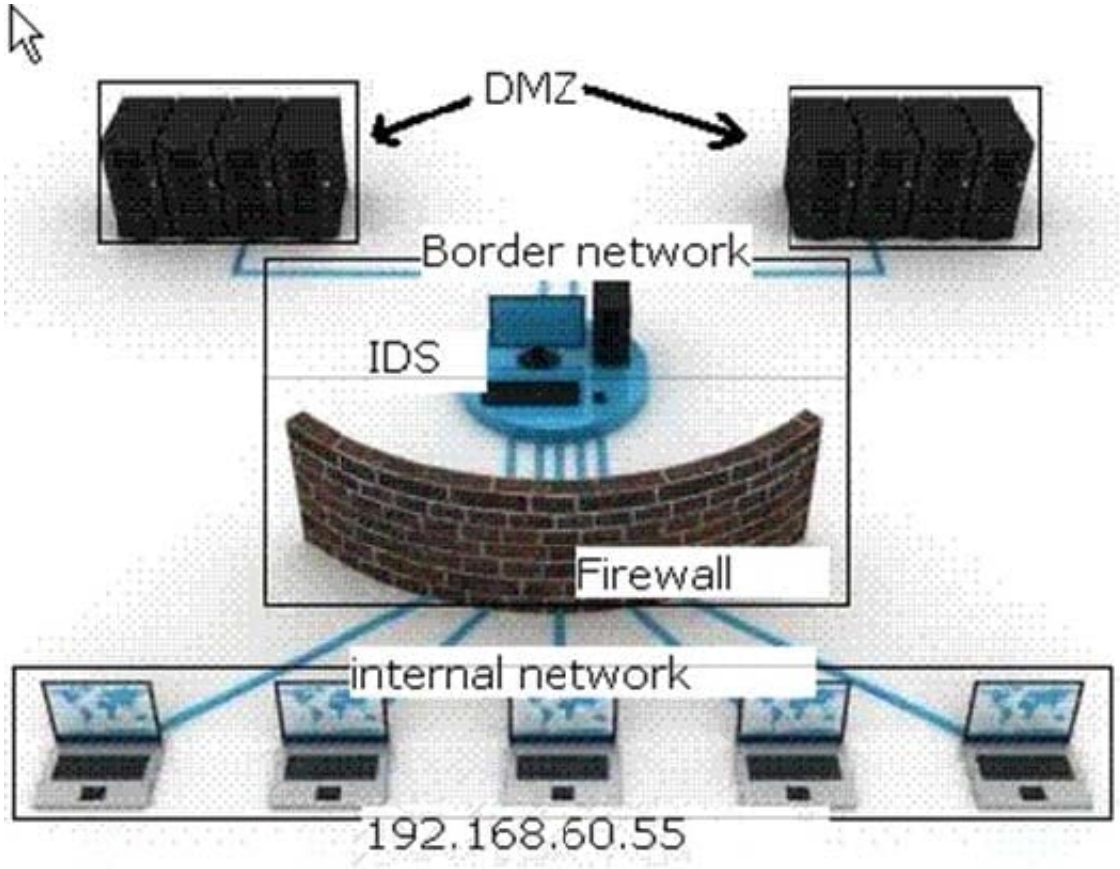
HOTSPOT

The network infrastructure of a company consists of a perimeter network. For security purposes, the network zones have been created and divided into a firewall-based Border network and a DMZ. The enterprise internal network is attacked

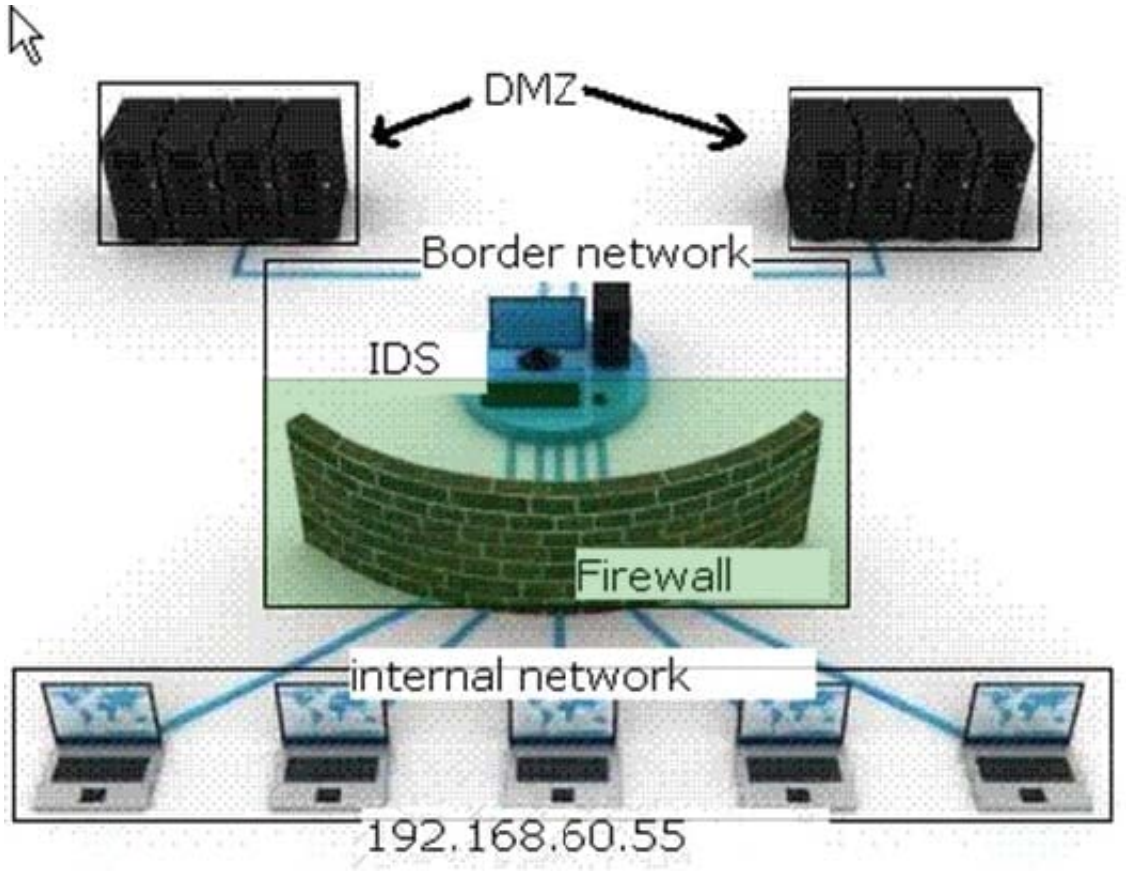
by a latest Internet worm.

Which of the following devices in the enterprise network should be upgraded or reconfigured to counter this type of attack?

Hot Area:



Correct Answer:



The firewall in the enterprise network should be reconfigured or upgraded to detect and filter an Internet worm. Firewall is used to protect the network from external attacks by hackers. Firewall prevents direct communication between computers in the network and the external computers, through the Internet. Instead, all communication is done through a proxy server, outside the organization\\'s network, which decides whether or not it is safe to let a file pass through.