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QUESTION 1

Which of the following commands can you use to search a string \\'pwd\\' in all text files without opening them? (Choose two)

A. vi

B. grep

C. sed

D. locate

Correct Answer: BC

sed and grep are the two commands that can be used to search a specified string in all text files without opening them. sed is a stream editor that is used to perform basic text transformations on an input stream (a file or input from a pipeline).

QUESTION 2

Wired Equivalent Privacy (WEP) is a security protocol for wireless local area networks (WLANs). It has two components, authentication and encryption. It provides security equivalent to wired networks for wireless networks. WEP encrypts data on a wireless network by using a fixed secret key.

Which of the following statements are true about WEP?

A. WEP uses the RC4 encryption algorithm.

B. The Initialization Vector (IV) field of WEP is only 24 bits long.

C. It provides better security than the Wi-Fi Protected Access protocol.

D. Automated tools such as AirSnort are available for discovering WEP keys.

Correct Answer: ABD

Wired Equivalent Privacy (WEP) is a security protocol for wireless local area networks (WLANs). It has two components, authentication and encryption. It provides security equivalent to wired networks for wireless networks. WEP encrypts

data on a wireless network by using a fixed secret key. WEP uses the RC4 encryption algorithm. The main drawback of WEP is that its Initialization Vector (IV) field is only 24 bits long. Many automated tools such as AirSnort are available for

discovering WEP keys.

Answer: C is incorrect. WPA stands for Wi-Fi Protected Access. It is a wireless security standard. It provides better security than WEP (Wired Equivalent Protection). Windows Vista supports both WPA-PSK and WPA-EAP.

Each of these is described as follows:

WPA-PSK: PSK stands for Preshared key. This standard is meant for home environment. WPA-PSK requires a user to enter an 8- character to 63-character passphrase into a wireless client. The WPA converts the passphrase into a

256-bit

key.

WPA-EAP: EAP stands for Extensible Authentication Protocol. This standard relies on a back-end server that runs Remote Authentication Dial-In User Service for user authentication. Note: Windows Vista supports a user to use a smart card

to connect to a WPA-EAP protected network.

QUESTION 3

You run the wc -c file1.txt command. If this command displays any error message, you want to store the error message in the error.txt file.

Which of the following commands will you use to accomplish the task?

A. wc -c file1.txt >>error.txt

B. wc -c file1.txt 1>error.txt

C. wc -c file1.txt 2>error.txt

D. wc -c file1.txt >error.txt

Correct Answer: C

According to the scenario, you will use the wc -c file1.txt 2>error.txt command to accomplish the task. The 2> operator is an error redirector, which, while running a command, redirects the error (if it exists) on the specified file.

Answer: B, D are incorrect.

The > or 1> redirector can be used to redirect the output of the wc -c file1.txt file to the error.txt file; however, you want to write the errors in the error.txt file, not the whole output.

Answer: A is incorrect.

The >> operator will redirect the output of the command in the same manner as the > or 1> operator. Although the >>operator will not overwrite the error.txt file, it will append the error.txt file.

QUESTION 4

Which of the following security policies will you implement to keep safe your data when you connect your Laptop to the office network over IEEE 802.11 WLANs? (Choose two)

A. Using personal firewall software on your Laptop.

B. Using a protocol analyzer on your Laptop to monitor for risks.

C. Using portscanner likenmap in your network.

D. Using an IPSec enabled VPN for remote connectivity.

Correct Answer: AD

According to the scenario, you want to implement a security policy to keep safe your data when you connect your Laptop to the office network over IEEE802.11 WLANs. For this, you will use the following two options:

1.

Using IPSec enabled VPN for remote connectivity: Internet Protocol Security (IPSec) is a standard-based protocol that provides the highest level of VPN security. IPSec can encrypt virtually everything above the networking layer. It is used for VPN connections that use the L2TP protocol. It secures both data and password.

2.

Using personal firewall software on your Laptop: You can also create a firewall rule to block malicious packets so that you can secure your network. Answer: C is incorrect. Portscanner is used for scanning port and tells which ports are open. However, this tool is very much useful in information gathering step of the attacking process, it cannot be used to protect a WLAN network. Answer: B is incorrect. You cannot use the packet analyzer to protect your network. Packet analyzer is used to analyze data packets flowing in the network.

QUESTION 5

You work as a Network Administrator for XYZ CORP. The company has a Windows Server 2008 network environment. The network is configured as a Windows Active Directory-based single forest single domain network. You have installed a Windows Server 2008 computer. You have configured auditing on this server. The client computers of the company use the Windows XP Professional operating system. You want to audit each event that is related to a user managing an account in the user database on the computer where the auditing is configured. To accomplish the task, you have enabled the Audit account management option on the server.

Which of the following events can be audited by enabling this audit option?

A. Access to an Active Directory object

B. Change of password for a user account

C. Addition of a user account to a group

D. Creation of a user account

Correct Answer: BCD

Audit account management is one of the nine audit settings that can be configured on a Windows computer. This option is enabled to audit each event that is related to a user managing an account in the user database on the computer where the auditing is configured. These events include the following: Creating a user account Adding a user account to a group Renaming a user account Changing password for a user account This option is also used to audit the changes to the domain account of the domain controllers.