Question 1

Which of the following is a framework of open standards developed by the Internet Engineering Task Force (IETF) that provides secure transmission of the sensitive data over an unprotected medium, such as the Internet?

Options:

A- DNSSEC

B- Netsec

C- IKE

D- IPsec

Answer:

D

Question 2

Wireshark is a network analyzer. It reads packets from the network, decodes them, and presents them in an easy-to-understand format. Which one of the following is the command-line version of Wireshark, which can be used to capture the live packets from the wire or to read the saved capture files?

Options:

A- Tcpdump

B- Capinfos

C- Tshark

D- Idl2wrs

Answer:

B

Question 3

Question Type: MultipleChoice

Which of the following policy forbids everything with strict restrictions on all usage of the company systems and network?

A- Information-Protection Po

B- Paranoid Policy

C- Promiscuous Policy

D- Prudent Policy

Answer:

B

Question 4

Question Type: **MultipleChoice**

You are carrying out the last round of testing for your new website before it goes live. The website has manydynamic pages and connects to a SQL backend that accesses your product inventory in a database. You comeacross a web security site that recommends inputting the following code into a search field on web pages tocheck for vulnerabilities:

When you type this and click on search, you receive a pop-up window that says: "This is a test."

What is the result of this test?

Options:

A- Your website is vulnerable to web bugs

B- Your website is vulnerable to XSS

C- Your website is not vulnerable

D- Your website is vulnerable to SQL injection
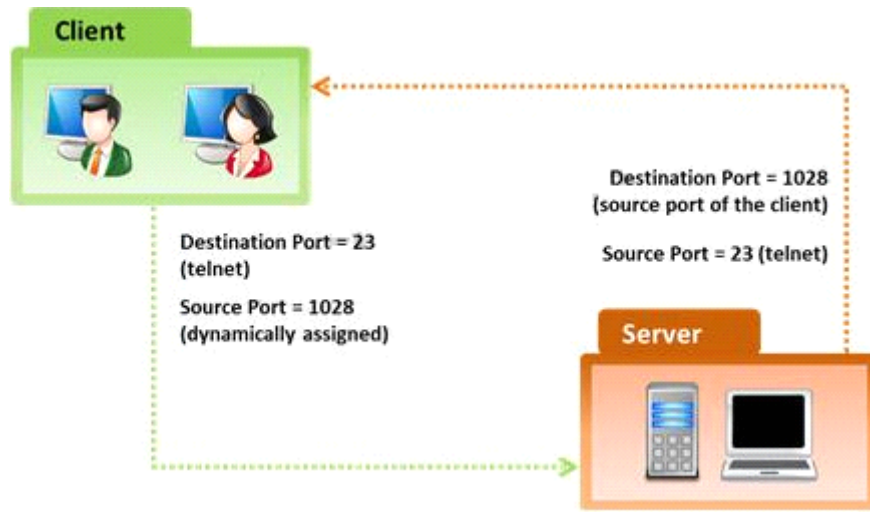
Answer:

B

Question 5

Question Type: **MultipleChoice**

In the TCP/IP model, the transport layer is responsible for reliability and flow control from source to the destination. TCP provides the mechanism for flow control by allowing the sending and receiving hosts to communicate.

A flow control mechanism avoids the problem with a transmitting host overflowing the buffers in the receiving host.

Client

Destination Port = 23
(telnet)

Source Port = 1028
(dynamically assigned)

Destination Port = 1028
(source port of the client)

Source Port = 23 (telnet)

Server

Options:

A- Sliding Windows

B- Windowing

C- Positive Acknowledgment with Retransmission (PAR)

D- Synchronization

Answer:

C

Question 6

You have compromised a lower-level administrator account on an Active Directory network of a small company in Dallas, Texas. You discover Domain Controllers through enumeration. You connect to one of the Domain Controllers on port 389 using ldp.exe.

What are you trying to accomplish here?

Options:

A- Poison the DNS records with false records

B- Enumerate MX and A records from DNS

C- Establish a remote connection to the Domain Controller

D- Enumerate domain user accounts and built-in groups

Answer:

D