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**Exam : ECSAv10**

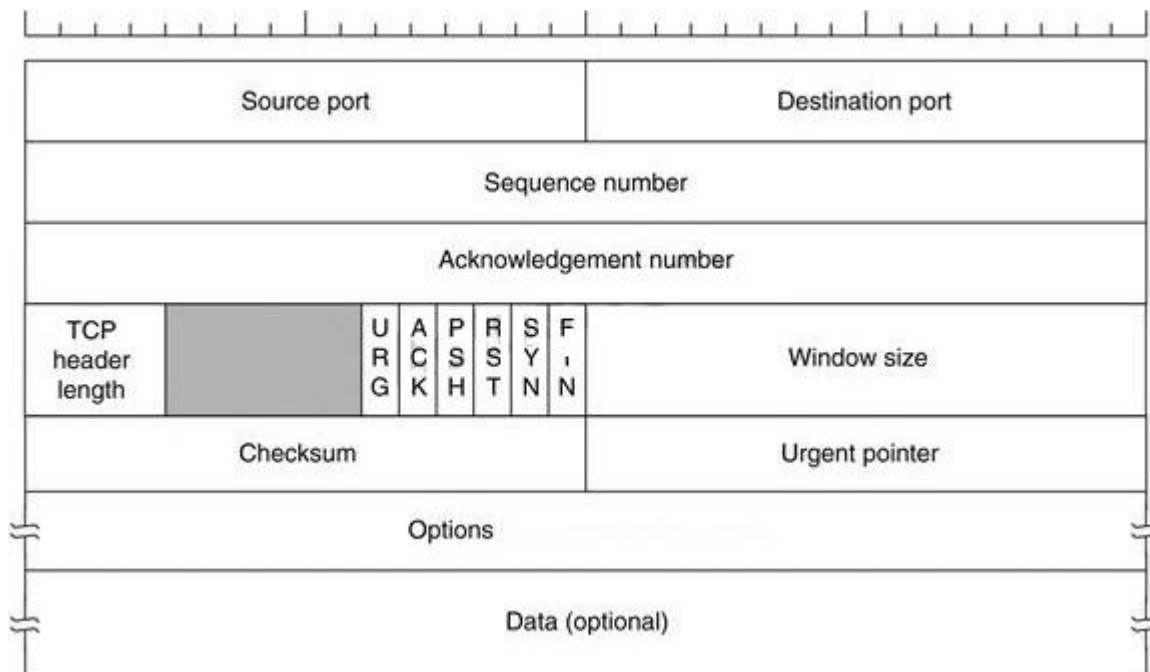
**Title : EC-Council Certified  
Security Analyst**

**Version : DEMO**

1. Transmission control protocol accepts data from a data stream, divides it into chunks, and adds a TCP header creating a TCP segment. The TCP header is the first 24 bytes of a TCP segment that contains the parameters and state of an end-to-end TCP socket. It is used to track the state of communication between two TCP endpoints.

For a connection to be established or initialized, the two hosts must synchronize. The synchronization requires each side to send its own initial sequence number and to receive a confirmation of exchange in an acknowledgment (ACK) from the other side

The below diagram shows the TCP Header format:



- A. 16 bits
- B. 32 bits
- C. 8 bits
- D. 24 bits

**Answer: B**

2. Which one of the following tools of trade is a commercial shellcode and payload generator written in Python by Dave Aitel?

- A. Microsoft Baseline Security Analyzer (MBSA)
- B. CORE Impact
- C. Canvas
- D. Network Security Analysis Tool (NSAT)

**Answer: C**

3. A firewall's decision to forward or reject traffic in network filtering is dependent upon which of the following?

- A. Destination address
- B. Port numbers
- C. Source address

D. Protocol used

**Answer: D**

4. One of the steps in information gathering is to run searches on a company using complex keywords in Google.



The image shows the Google Advanced Search interface. It features several dropdown menus for refining search results:

- terms appearing:** anywhere in the page (Search for terms in the whole page, page title, or web address. Link to the page you're looking for.)
- SafeSearch:** Show most relevant results (Tell SafeSearch whether to filter sexually explicit content.)
- reading level:** no reading level displayed (Find pages at one reading level or just view the level info.)
- file type:** any format (Find pages in the format you prefer.)
- usage rights:** not filtered by license (Find pages you are free to use yourself.)

An **Advanced Search** button is located at the bottom right of the form.

Which search keywords would you use in the Google search engine to find all the PowerPoint presentations containing information about a target company, ROCHESTON?

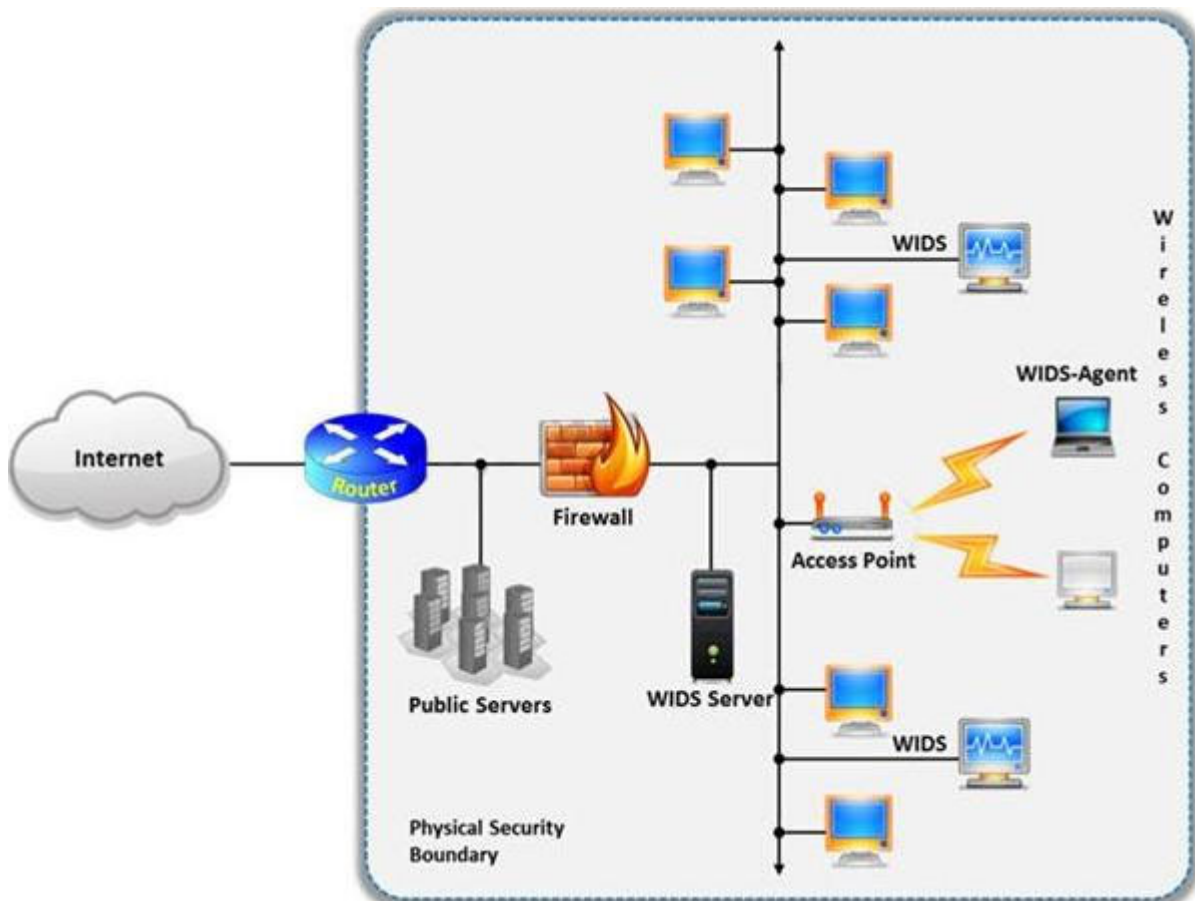
- A. ROCHESTON filetype:ppt
- B. ROCHESTON ppt:filestring
- C. ROCHESTON filetype:ppt
- D. ROCHESTON +ppt:filesearch

**Answer: C**

5. A wireless intrusion detection system (WIDS) monitors the radio spectrum for the presence of unauthorized, rogue access points and the use of wireless attack tools.

The system monitors the radio spectrum used by wireless LANs, and immediately alerts a systems administrator whenever a rogue access point is detected. Conventionally it is achieved by comparing the MAC address of the participating wireless devices.

Which of the following attacks can be detected with the help of wireless intrusion detection system (WIDS)?



- A. Social engineering
- B. SQL injection
- C. Parameter tampering
- D. Man-in-the-middle attack

**Answer: D**