

QUESTION 204

Which of the following is a characteristic of a network-based intrusion detection system (IDS)?

- A. It monitors traffic on a specific host.
 - B. It monitors traffic on a specific network segment.
 - C. It monitors traffic on a specific port.
 - D. It monitors traffic on a specific protocol.
- Correct Answer: B
- Explanation: A network-based intrusion detection system (IDS) monitors traffic on a specific network segment. It is designed to detect suspicious activity on the network, such as unauthorized access, data theft, or malware infections. Network-based IDSs are typically installed on a central location, such as a network switch or router, and can monitor traffic across the entire network. In contrast, a host-based IDS (HIDS) monitors traffic on a specific host, and a port-based IDS (PIDS) monitors traffic on a specific port. A protocol-based IDS (PID) monitors traffic on a specific protocol.