

Question 1

What type of attack uses multiple devices or servers in different locations to flood the target network with unwanted traffic? 1 / 1 point

Distributed Denial of Service (DDoS) attack

Tailgating attack

Phishing attack

Denial of Service (DoS) attack

Correct

A DDoS attack uses multiple devices or servers in different locations to flood the target network with unwanted traffic.

Question 2

What type of attack poses as a TCP connection and floods a server with packets simulating the first step of the TCP handshake? 1 / 1 point

SYN flood attack

SYN-ACK flood attack

On-path attack

ICMP flood

Correct

A SYN flood attack poses as a TCP connection and floods a server with packets simulating the first step of the TCP handshake. This overwhelms the server, making it unable to function.

Question 3

Fill in the blank: The Denial of Service (DoS) attack _____ is caused when a hacker sends a system an ICMP packet that is bigger than 64KB. 1 / 1 point

SYN flood

Ping of Death

ICMP flood

On-path

Correct

The DoS attack Ping of Death is caused when a hacker sends a system an ICMP packet that is bigger than 64KB.

Question 4

Which types of attacks take advantage of communication protocols by sending an overwhelming number of requests to a server? Select all that apply. 1 / 1 point

TCP connection attack

Tailgating attack

ICMP flood attack

Correct

ICMP flood and SYN flood attacks take advantage of communication protocols by sending an overwhelming number of requests to a server.

SYN flood attack

Correct

ICMP flood and SYN flood attacks take advantage of communication protocols by sending an overwhelming number of requests to a server.