dol.

DATE ______PAGE

Interoduction to network introvior Ischie What you'll learn · Network security · Network interession tactic · Network attack perotection The case for seeining network Common network intrusion attacks · Packet sniffing Packet blooding Spooling Attack can harm an org. by

· Seaking valvable or confidential information

· Darnaging an organization exeputation

· Impacting contoner retention

· Costing money and time Secure networks against denial of service attack Denish of Service attacks

An attack that largets a network or server and floods it with network braffic Distributed Detrial of Service attack (DDOS)
A type of denial of service attack that uses multiple

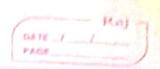
device or server in different location to for flowd device the larget network with unwanted briffs Syr (Synchronize) flood attack

A type of Do'S altack that
sinclate a TCP connection and floods a server with

SYN packets Internet Control Message Protocol (ICMP)

An internet protocol used by devices to tell

each other about data bransmission versons across A type of DOS attack performed by an attacker prepeatedly sending I (MP packets to a network security server Ping of death: A type of DOS attack caused when a hacker pings a system by sending it an oversized I CMP packet that is brigge Shan 69 KB



Network altack lactics and defense

Molarian packet sniffing the type of attack where dela packets are read in teransit

Active packet sniffing: A type of attack where data

LP spoofing: A network attack performed whence attack charges the source & of a data packet to impersonate an authorized system and gain access to network.

Common: on path outlack
Replay altack
· Snort altack

On path attack: An attack where a malicions actor places themselves in the middle of an authorized connection and intercept or afters the data in transit.

Replay allack: A network attack performed when a naticion actor intercepts a data packet in transit and delays it or repeat it at another line

Smort attack: A network attack performed when an attack priffs an authorized user of address and floods it with packets