Simulated Nmap Scan - Packet Tracer

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Scanner: KaliSim (192.168.10.100)

Targets:

- PC0: 192.168.10.10

- PC1: 192.168.10.11

- PC2: 192.168.10.12

Ping Results:

- All hosts responded to ICMP Echo Requests

Simulated Port Scanning:

- Attempted to probe common ports using telnet (22, 80, 443, etc.)

- All targets were reachable from KaliSim

Conclusion:

The internal network is functioning, and basic service reachability was demonstrated using simulated scan techniques inside Packet Tracer.  
  
  
  
  
  
  
  
  
  
  
A computer screen shot of a network

AI-generated content may be incorrect.  
  
  
A computer screen shot of a program

AI-generated content may be incorrect.

Due to Packet Tracer’s limitations and lack of direct integration with real NICs or external tools like nmap, this project simulates a typical Nmap full-port scan scenario using ICMP (ping) and CLI tools such as telnet within the PT environment. The scan process and results are outlined in the attached .docx and .txt log.