DoS: Cybersecurity Incident Report

Part 1: Provide a summary of the problem found in the DNS and ICMP traffic log.
The UDP protocol reveals that: Port 53 is unreachable This is based on the results of the network analysis, which show that the ICMP echo reply returned the error message: “udp port 53 unreachable.” The port noted in the error message is used for: DNS service The most likely issue is: DNS server not responding

Part 2: Explain your analysis of the data and provide at least one cause of the incident.
Time incident occurred: 1:24 p.m., 32.192571 seconds Explain how the IT team became aware of the incident: Several customers of clients reported that they were not able to access the client company website www.yummyrecipesforme.com, and saw the error “destination port unreachable” after waiting for the page to load Explain the actions taken by the IT department to investigate the incident: Conducted packet sniffing tests using tcpdump Note key findings of the IT department's investigation (i.e., details related to the port affected, DNS server, etc.): It was found that DNS port 53 was unreachable Note a likely cause of the incident: The DNS server might be down due to a Denial of Service attack or a misconfiguration