Cybersecurity Incident Report: Network Traffic Analysis

Part 1: Provide a summary of the problem found in the DNS and ICMP traffic log.
The tcpdump logs indicate that port 53 is unreachable when attempting to access the client company's website "yummyrecipesforme.com". Port 53 is normally used for UDP communication in the DNS protocol. This may indicate a problem with the DNS server or that it might be currently down.

Part 2: Explain your analysis of the data and provide at least one cause of the incident.
The incident occurred earlier today when several customers of clients reported that they were not able to access the client company's website "yummyrecipesforme.com". Using tcpdump, the network analyzer tool, we were able to deduce that the issue stems from port 53 being unreachable. Port 53 is normally used for UDP communication in the DNS protocol. Possible solutions to this scenario include: - Checking the firewall's configurations to see if port 53 is somehow blocked. - The DNS server itself might be currently down or in downtime. - Malicious activity such as DNS spoofing or hijacking could be interfering with DNS traffic, making port 53 unreachable for legitimate queries.