Cybersecurity Incident Report:
Network Traffic Analysis

Part 1: Provide a summary of the problem found in the DNS and ICMP traffic log.

In the ICMP and DNS 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 which means that the ICMP packet was undeliverable to the port of the DNS server.
The port noted in the error message is used for indicating Port 53 (used for indicating UDP) is unresponsive.

Part 2: Explain your analysis of the data and provide at least one cause of the incident.

The Incident occurred at 1:24 p.m., 32.192571 seconds when the IT was informed by the customers about the error message " destination port unreachable " upon visiting the website.
The Network Security team is working to resolve the issue.
Upon packet sniffing tests using tcpdump, The logs found that Port 53 was unresponsive.
As of now, they are trying to figure out whether traffic is blocked by a firewall or the DNS server is down, which can be possible due to the result of a possible DoS attack or accidental misconfiguration.