Cybersecurity Incident Report: Network Traffic Analysis

Part 1: Provide a summary of the problem found in the DNS and ICMP traffic log
At 1:24 p.m. today an incident occurred. A network scan revealed the error message "udp port 53 unreachable". Port 53 is used for DNS protocol traffic.

Part 2: Explain your analysis of the data and provide one solution to implement
The initial investigation corroborated the issue. Further investigation is needed to determine if the DNS server is down or if the port is being blocked by the firewall. If the DNS server is shut down it could be due to a DOS attack or a misconfiguration.