Cybersecurity Incident Report

Part 1: Provide a summary of the problem found in the DNS and ICMP traffic log
The network protocol analyzer logs indicate that port 53 is unreachable when attempting to access the www.yummyreciepiesforme.com . Port 53 is normally used for HTTPS traffic. This may indicate a problem with the web server or DNS server which translates the IP address. It is possible that this is an indication of a malicious attack on the web server.

Part 2: Explain your analysis of the data and provide at least one cause of the incident
The incident occurred at noon exactly 1.34pm when the users reported they couldn't access the web portal after repeated tries. The network security team responded and began running tests with the network protocol analyzer tool tcpdump. The resulting logs revealed that port 53, which is used for HTTPS traffic, is not reachable. We are continuing to investigate the root cause of the issue to determine how we can restore access to the secure web portal. Our next steps include check the port 53 what is happening for not accessing the port and by analyzing the tcpdump the initial findings are that it may be a Ping to death attack because the tcpdump logs are clearly showing the evidence of packet length which is higher than 64 kb. Some Attacker has tried to bring down the server