

Cybersecurity Incident Report:

Network Traffic Analysis

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 while trying to access yummyrecipesforme.com. This port is used for TCP and UDP communication. It's likely that this means the data did not fully go through to its destination.

Part 2: Explain your analysis of the data and provide one solution to implement

The event occurred at approximately 1:24pm. When the event was first reported, "udp port 53 unreachable" was displayed on the screen while trying to access yummyrecipesforme.com. While investigating this issue, we found that the receiving DNS port was not listening meaning the request for access could not be complete. In order to troubleshoot and resolve this issue, we must identify whether there is too much traffic going into port 53 or if there is something blocking it, such as a firewall. It's plausible that a DoS may have caused this issue.