

# 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 indicates that port 53 is unreachable. Port 53 is used for receiving incoming DNS requests. When trying to establish connection to yummyrecipesforme.com, the response message containing ICMP error stating port 53 is unreachable has been received.

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

This issue was made aware by several clients who tried visiting the yummyrecipesforme.com website and couldn't reach it. Hence several complaints were raised to check out this issue. At 01:26 PM, a DNS request was created by the analyst using network protocol analyzer and received an ICMP error message stating that port 53 is unreachable. The root cause of the issue is yet to be identified but a list of potential causes has been listed out and have started to investigate. The cause may be due to the port being turned off, DNS may be misconfigured, DNS may be turned off, etc. Some of the possible remedies may be to check port configurations, restarting DNS, etc.