

# 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 when attempting to access the yummyrecipesforme.com website. Port 53 is used for both TCP and UDP communication. This may indicate a problem with the web server or the firewall configuration. 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 one solution to implement

The incident occurred earlier this morning when several customers contacted us to report that they were not able to access the company website.

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 both TCP and UDP communication, is not reachable.

We are continuing to investigate the root cause of the issue to determine how we can restore access to the indicated website.

Our next steps include checking the firewall configuration to see if port 53 is blocked and contacting the system administrator for the web server to have them check the system for signs of an attack.

The network security team suspects that this may indicate a malicious DoS attack targeting the company's website.