

Cybersecurity Incident Report:

Network Traffic Analysis

Summary of the problem found in the traffic log.

The network protocol analyzer logs show that port 53 is inaccessible when trying to connect to the www.yummyrecipesforme.com website. Since, UDP port 53 is unreachable, the most likely issue is a firewall or network security configuration blocking DNS traffic. Firewalls or intrusion prevention systems may intentionally block port 53 traffic to prevent DNS-based attacks, such as DNS tunneling or amplification attacks.

Analysis of the data and cause of the incident.

The network security team responded and began troubleshooting using the network protocol analyzer tool `tcpdump`. The resulting logs revealed that UDP port 53, which is used for DNS queries, is unreachable. This has caused a failure in resolving domain names, preventing access to the required services. We are continuing to investigate the root cause of the issue to restore DNS functionality and service access. Our next steps include examining the firewall configuration to determine if UDP port 53 is being blocked and contacting the DNS server administrator to check the server for signs of downtime or potential malicious activity.