

Cybersecurity Incident Report:

Network Traffic Analysis

Summary of the problem found in the DNS and ICMP traffic log.

Attempting to access www.yummyrecipesforme.com produces the error “destination port unreachable” after waiting for the page to load. The network analyzer shows that an ICMP response is received when UDP packets are sent, resulting in the error message “udp port 53 unavailable”

UDP port 53 is typically used for DNS traffic and are frequent targets for ‘Denial of Service’ (**DoS**) attacks, which is the likely cause of the outage.

Analysis of the data

The incident occurred at 1:23 PM when reported attempts to load the website were unsuccessful. Upon further analysis of the logs and network data using network analyzer tools, the DNS server on port 53 was completely unreachable. Ruling out misconfiguration of the DNS server, a likely cause of the incident can be a DoS attack.

The data shows that the initial event occurred at 1:23 PM with other subsequent events following at 1:26 PM, and again at 1:28 PM. Suggest escalation to security engineers.