# Cybersecurity Incident Report(DEMO)

## 1. Summary of the problem found in the tcpdump log:

- Problem started when users reported they couldn't access **www.yummyrecipesforme.com**.

- I also tried opening the website — got the error: **"destination port unreachable."**

- Opened **tcpdump** to check what's going on.

- My computer sent a **UDP DNS request** (trying to resolve the website's IP) to DNS server **203.0.113.2** on **port 53**.

- Instead of getting a response, got an **ICMP error** saying: **"udp port 53 unreachable."**

- This means the DNS server is either down, **misconfigured**, or **port 53 is blocked**.

- No successful DNS = website can't load.

## 2. Analysis of the data and possible solution:

- Incident was first reported on **June 20 at 1:24 PM**.

- Users couldn't access the website + I confirmed same issue.

- Browser tried to get IP via DNS (UDP port 53), but DNS didn't respond.

- ICMP error confirms **port 53 on the DNS server is not reachable**.

- Website fails to load because browser doesn't know the IP address (DNS failed).

- Suspected reason: DNS service is **down or blocked**.

- Current status: Website is **still inaccessible**.

- Next step:

  ○ Check if DNS server is running and listening on port 53.

  ○ If blocked by firewall → unblock.

  ○ Or temporarily use a different DNS (like **8.8.8.8**).

- Root cause: **UDP port 53 unreachable** — DNS server not responding.

- Suggested solution: **Switch DNS server** to a working one for now + fix the original server.