



Tcpdump Error Log:

Carimbo de Data/Hora	IP de Origem	Porta de Origem	IP de Destino	Porta de Destino	Protocolo	Mensagem	Comprimento
24:32.2	192.51.100.15	52444	203.0.113.2	domain	DNS	24:32.192571 IP 192.51.100.15.52444 > 203.0.113.2.domain: 35084+ A? yummyrecipesforme.com.	24
24:36.1	203.0.113.2		192.51.100.15	ICMP	ICMP	203.0.113.2 udp port 53 unreachable	254
26:32.2	192.51.100.15	52444	203.0.113.2	domain	DNS	26:32.192571 IP 192.51.100.15.52444 > 203.0.113.2.domain: 35084+ A? yummyrecipesforme.com.	24
27:15.9	203.0.113.2		192.51.100.15	ICMP	ICMP	203.0.113.2 udp port 53 unreachable	320
28:32.2	192.51.100.15	52444	203.0.113.2	domain	DNS	28:32.192571 IP 192.51.100.15.52444 > 203.0.113.2.domain: 35084+ A? yummyrecipesforme.com.	24
28:50.0	203.0.113.2		192.51.100.15	ICMP	ICMP	203.0.113.2 udo oort 53 unreachable	150

Incident Report:

On the day of the incident, when attempting to access the website www.yummyrecipesforme.com, it was observed that DNS queries sent from my computer (IP 192.51.100.15) to the DNS server (IP 203.0.113.2) were not being properly answered. The DNS resolution requests were sent using the UDP protocol to port 53, the standard port for DNS.

However, the DNS server responded with ICMP messages indicating that UDP port 53 was unreachable. This error, “udp port 53 unreachable,” indicates that the DNS server is not accepting connections on the standard DNS port, preventing the domain name from being resolved to an IP address.

The log entries show that the issue began at 13:24 and continued until at least 13:28, with repeated DNS queries and corresponding ICMP error responses. This suggests that the DNS service is unavailable, possibly due to a service outage, firewall blocking, or misconfiguration.

Because of this unavailability, the browser cannot resolve the domain name and consequently cannot load the website, resulting in the “destination port unreachable” error seen by users.

I recommend verifying the status of the DNS service on the server, checking firewall and network policies to ensure UDP port 53 is open. Restarting the DNS service and temporarily using an alternate DNS server should also be considered until the issue is fully resolved.