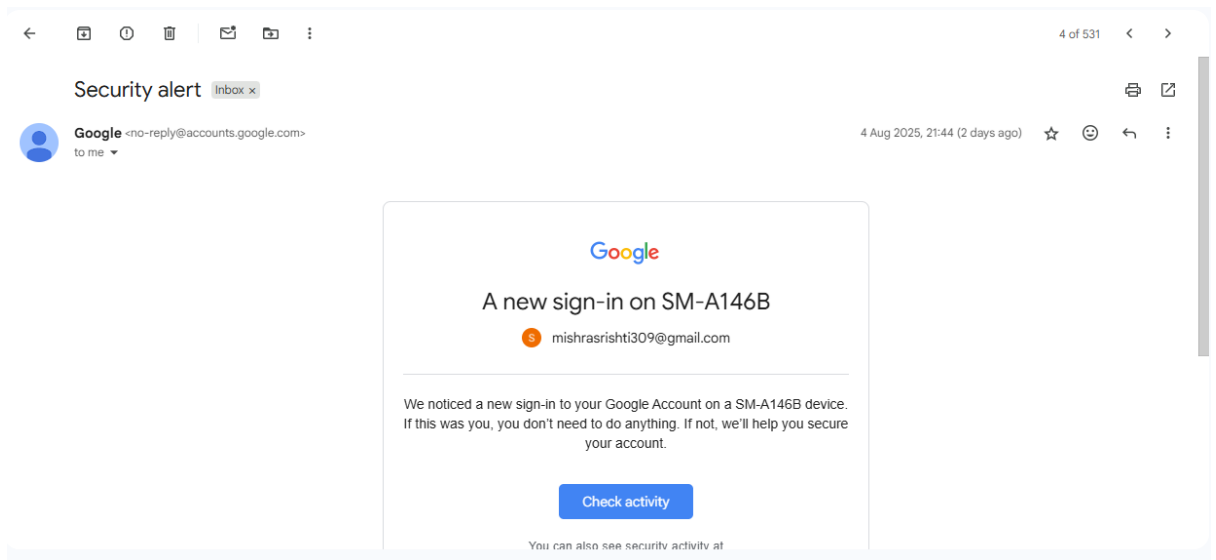
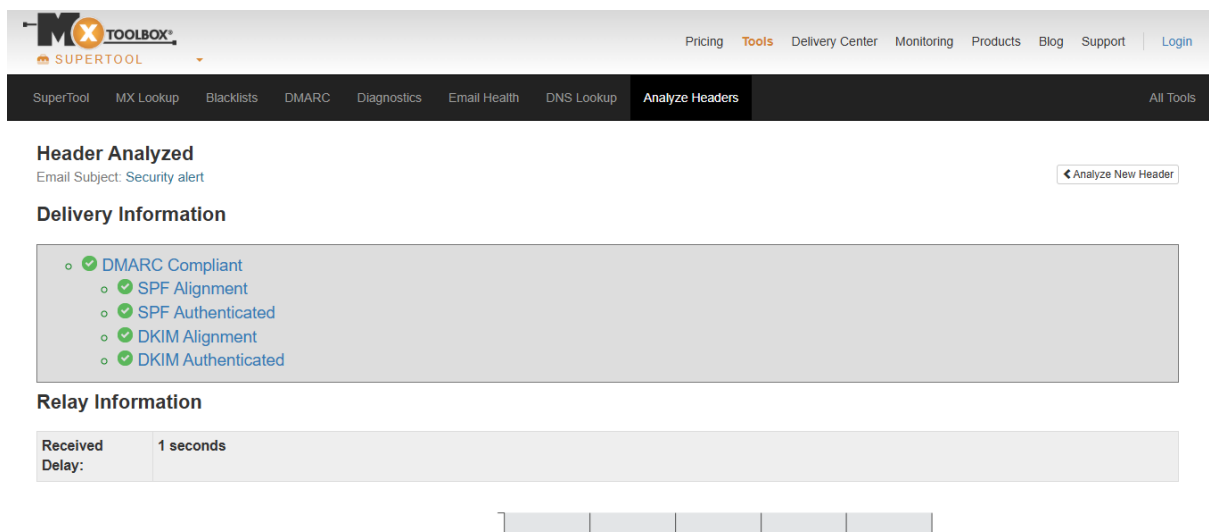


Task 2

1. Analyze a Email Sample



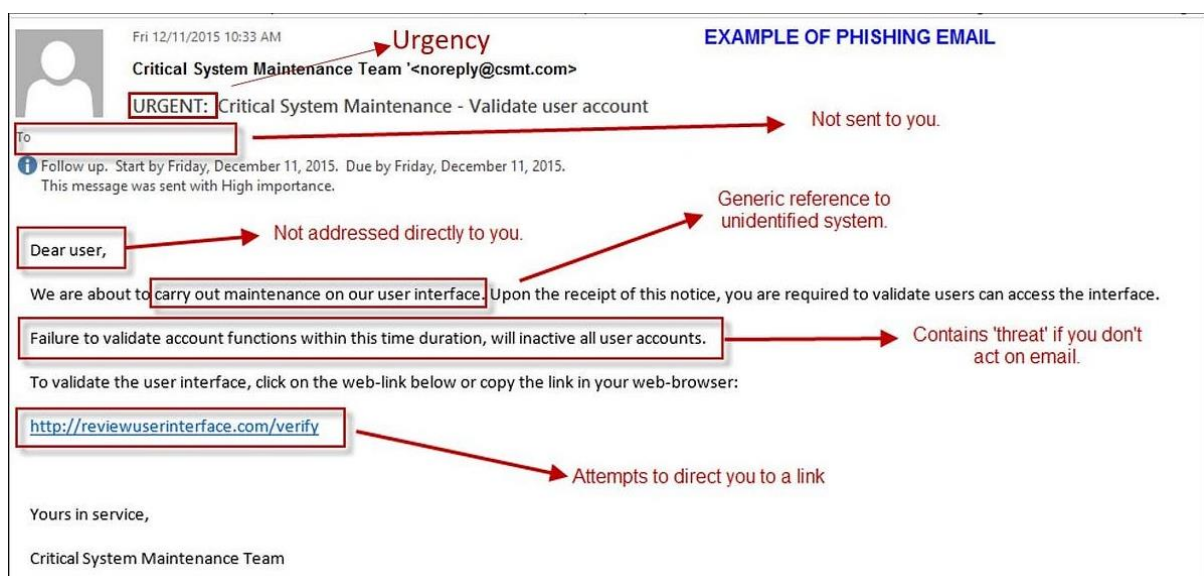
2. Analyse header using mx toolbox



In the above scenario SPF, DKIM and DMARC all passed ,so its not phishing attempt.

If **SPF**, **DKIM**, and **DMARC** all fail, or if the IP is from an unexpected region, **it's very likely a phishing attempt.**

3.Example of phishing email:-



Summary of Phishing Traits Found in the Email

- **Spoofed Sender Address:** Domain mimics a legitimate one (e.g., paypa1.com instead of paypal.com).
- **Suspicious Links:** URLs redirect to fake websites designed to steal credentials.
- **Generic Greeting:** Uses "Dear Customer" instead of your name — lacks personalization.

- **Urgent or Threatening Language:** Creates pressure with messages like "Account will be suspended in 24 hours."
- **Spelling and Grammar Errors:** Words like "limeted" and awkward sentence structure reduce credibility.
- **Mismatched URLs:** Hovered links do not match the visible link text.
- **Unusual Attachments:** Includes suspicious HTML file or forms designed to capture sensitive data.
- **Fake Account Notifications:** Claims of access restrictions without any real verification.
- **Lack of Security Signs:** No official branding, secure HTTPS links, or verified contact info.