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## WHAT THE HEADER ANALYSIS CONTAINING ??

### **Header Analysis – Phishing Email Authentication Check**

**Tool Used :**

**Mx Toolbox Header Analyzer :** <https://mxtoolbox.com/EmailHeaders.aspx>

#### Email 1 → Fake Account Lock Alert :

<b>Header Authentication Results</b>	
<b>SPF</b>	<b>Fail</b>
<b>DKIM</b>	<b>None</b>
<b>DMARC</b>	<b>Fail</b>

#### **Observation :**

- Sender IP not authorized
- Domain spoofed
- No DKIM signature
- Authentication alignment failed

#### **Conclusion :**

High-Risk Phishing (Domain Spoofing Detected).

## Screenshots :

### Header Analyzed

Email Subject: Urgent: Your Account Will Be Locked

#### Copy/Paste Warning

Copy/Pasting a header works for most people, but sometimes it can cause problems with things like DKIM Validation. For the best results, use our [Email Deliverability tool](#)

### Delivery Information

- ✗ DMARC Compliant (No DMARC Record Found)
- ✗ SPF Alignment
- ✗ SPF Authenticated
- ✗ DKIM Alignment
- ✗ DKIM Authenticated

### SPF and DKIM Information

dmarc:secure-account-alert.com Hide Solve Email Delivery Problems

	Test	Result	
<span style="color: red;">✖</span>	DMARC Record Published	No DMARC Record found	<span style="color: blue;"> ⓘ More Info</span>

Reported by [e.gtld-servers.net](#) on 2/15/2026 at 10:30:09 AM (UTC 0), [just for you](#)

[Transcript](#)

spf:secure-account-alert.com:185.243.115.91 Show Solve Email Delivery Problems

Dkim Signature Error:  
No DKIM-Signature header found - [more info](#)

Dkim Signature Error:  
There must be at least one aligned DKIM-Signature for the message to be considered aligned. - [more info](#)

*Figure : Email1\_Header\_Result.png*

## **Email 2 ->Fake Lottery Winning Email :**

Header Authentication Results	
<b>SPF</b>	<b>Fail</b>
<b>DKIM</b>	<b>None</b>
<b>DMARC</b>	<b>Fail</b>

### **Observation :**

- Sender domain forged
- SPF rejected
- No DKIM verification
- DMARC failed

### **Conclusion :**

High-Risk Phishing (Unauthorized Sender Server)

### **Screenshots :**

**SPF and DKIM Information**

dmarc:secure-account-alert.com Hide Solve Email Delivery Problems

Test	Result
✗ DMARC Record Published	No DMARC Record found <a href="#">More Info</a>

Reported by e.gtid-servers.net on 2/15/2026 at 10:30:09 AM (UTC 0), just for you. [Transcript](#)

spf:secure-account-alert.com:185.243.115.91 Show Solve Email Delivery Problems

Dkim Signature Error:  
No DKIM-Signature header found - [more info](#)

Dkim Signature Error:  
There must be at least one aligned DKIM-Signature for the message to be considered aligned. - [more info](#)

## Header Analyzed

Email Subject: Congratulations! You Won ₹5,00,000

### Copy/Paste Warning

Copy/Pasting a header works for most people, but sometimes it can cause problems with things like DKIM Validation. For the best results, use our [Email Deliverability tool](#)

## Delivery Information

- o ✖ DMARC Compliant (No DMARC Record Found)
  - o ✖ SPF Alignment
  - o ✖ SPF Authenticated
  - o ✖ DKIM Alignment
  - o ✖ DKIM Authenticated

Figure : Email2\_Header\_Result.png

### Email 3 → Fake Job Offer (amaz0n-careers) :

Header Authentication Results	
SPF	Fail
DKIM	None
DMARC	Fail

### Observation :

- o Domain name altered (“amaz0n”)
- o SPF authentication failed
- o DKIM missing
- o DMARC reject policy triggered

## **Conclusion :**

High-Risk Phishing (Typo-Squatting Domain + Failed Auth)

### **Screenshots :**

#### **Header Analyzed**

Email Subject: Job Offer – Immediate Joining

##### **Copy/Paste Warning**

Copy/Pasting a header works for most people, but sometimes it can cause problems with things like DKIM Validation. For the best results, use our [Email Deliverability tool](#)

#### **Delivery Information**

- o ✖ DMARC Compliant (No DMARC Record Found)
  - o ✖ SPF Alignment
  - o ✖ SPF Authenticated
  - o ✖ DKIM Alignment
  - o ✓ DKIM Authenticated

Hop	Delay	From	By	With	Time (UTC)	Blacklist
1	*	mail.amazon-careers.com 192.168.45.210	mx.google.com	ESMTPS	[ ]	✓

Gmail & Yahoo are now requiring DMARC - Get yours setup with Delivery Center

### SPF and DKIM Information

dmarc:amazon-careers.com	Hide	Solve Email Delivery Problems
Test		Result
<span style="color: red;">✖</span> DMARC Record Published	No DMARC Record found <span style="float: right;">More Info</span>	
Reported by <a href="#">dgtld-servers.net</a> on 2/15/2026 at 10:40:49 AM (UTC 0), just for you.		
<a href="#">Transcript</a>		
spf:amazon-careers.com:192.168.45.210	Show	Solve Email Delivery Problems
<b>Dkim Signature Error:</b> No DKIM-Signature header found - <a href="#">more info</a>		
<b>Dkim Signature Error:</b> There must be at least one aligned DKIM-Signature for the message to be considered aligned. - <a href="#">more info</a>		

*Figure : Email3\_Header\_Result.png*

#### **Email 4 – Fake PayPal Login Alert :**

Header Authentication Results	
SPF	Fail
DKIM	None / Signature Error
DMARC	Fail

#### **Observation :**

- Domain spoof (“paypal” with capital I)
- SPF blocked
- DKIM signature error
- DMARC aligned failure

#### **Conclusion :**

High-Risk Phishing (Impersonation of PayPal)

## Screenshots :

### Header Analyzed

Email Subject: Important Notice: Unusual Login Attempt Detected

#### Copy/Paste Warning

Copy/Pasting a header works for most people, but sometimes it can cause problems with things like DKIM Validation. For the best results, use our [Email Deliverability tool](#)

### Delivery Information

- o ✖ DMARC Compliant (No DMARC Record Found)
- o ✖ SPF Alignment
- o ✖ SPF Authenticated
- o ✓ DKIM Alignment
- o ✖ DKIM Authenticated

Hop	Delay	From	By	With	Time (UTC)	Blacklist
1	*	mail.paypal-security.com 102.87.44.156	mx.google.com	ESMTPS		<span style="color: red;">✖</span>

Gmail & Yahoo are now requiring DMARC - Get yours setup with Delivery Center

### SPF and DKIM Information

dmarc:paypal-security.com Hide Solve Email Delivery Problems

Test	Result
<span style="color: red;">✖</span> DMARC Record Published	No DMARC Record found <span style="float: right;">More Info</span>

Reported by [i.gtd-servers.net](#) on 2/15/2026 at 11:30:34 AM (UTC 0), [just for you](#) Transcript

spf:paypal-security.com:102.87.44.156 Show Solve Email Delivery Problems

Dkim Signature Error:  
No DKIM-Signature header found - [more info](#)

Dkim Signature Error:  
There must be at least one aligned DKIM-Signature for the message to be considered aligned. - [more info](#)

Figure : Email4\_Header\_Result.png