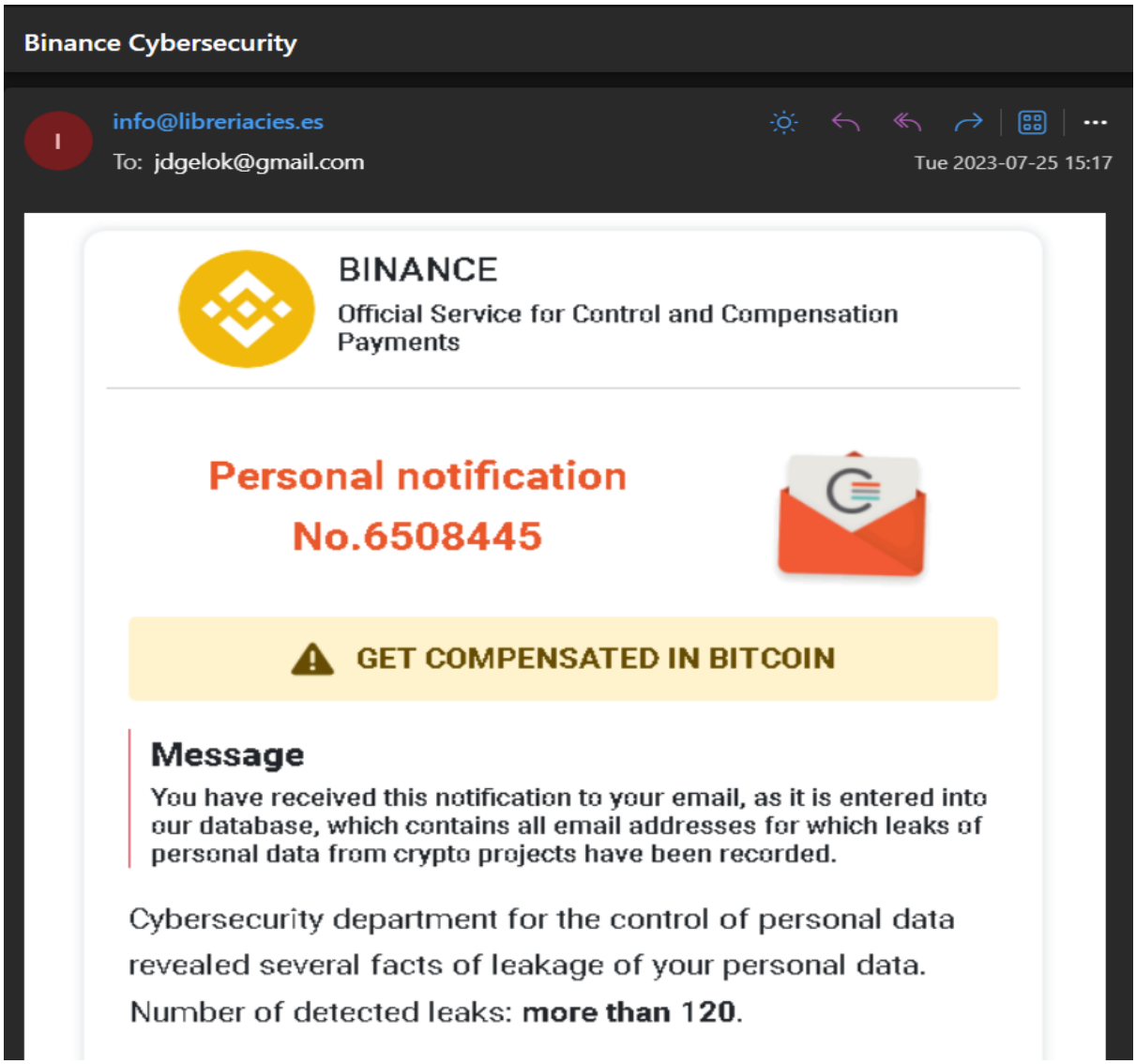
Task 2: Analyze a Phishing Email Sample.

Objective: Identify phishing characteristics in a suspicious email sample.

Tools: Email client or saved email file (text), free online header analyzer.

Deliverables: A report listing phishing indicators found

1. Sample Phishing Email:



2. Sender's email address doesn't match with the company name:
   i. Company name: Binance
   ii. Sender's email address: info@libreriacies[.]es

3. Email header results:

Hop	Delay	From	By	With	Time (UTC)	Blacklist
1	*	smtp.gmail.com 43.230.161.16	serlogal.arnoia.com	ESMTPSA	7/25/2023 9:47:28 AM	✓
2	6 seconds	serlogal.arnoia.com 217.18.161.43	BN8NAM12FT011.mail.protection.outlook.com 10.13.183.146	Microsoft SMTP Server (version=TLS1_2, cipher=TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384)	7/25/2023 9:47:34 AM	✓
3	1 Second	BN8NAM12FT011.eop-nam12.prod.protection.outlook.com 2603:10b6:408:106:cafe::a0	BN9PR03CA0616.outlook.office365.com 2603:10b6:408:106::21	Microsoft SMTP Server (version=TLS1_2, cipher=TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384)	7/25/2023 9:47:35 AM	✓
4	0 seconds	BN9PR03CA0616.namprd03.prod.outlook.com 2603:10b6:408:106::21	PH0PR19MB5396.namprd19.prod.outlook.com 2603:10b6:510:fa::20	Microsoft SMTP Server (version=TLS1_2, cipher=TLS_ECDHE_RSA_WITH_AES_256_GCM_SHA384)	7/25/2023 9:47:35 AM	✓
5	2 seconds	PH0PR19MB5396.namprd19.prod.outlook.com ::1	MN0PR19MB6312.namprd19.prod.outlook.com	HTTPS	7/25/2023 9:47:37 AM	✗

4. Suspicious attachments:

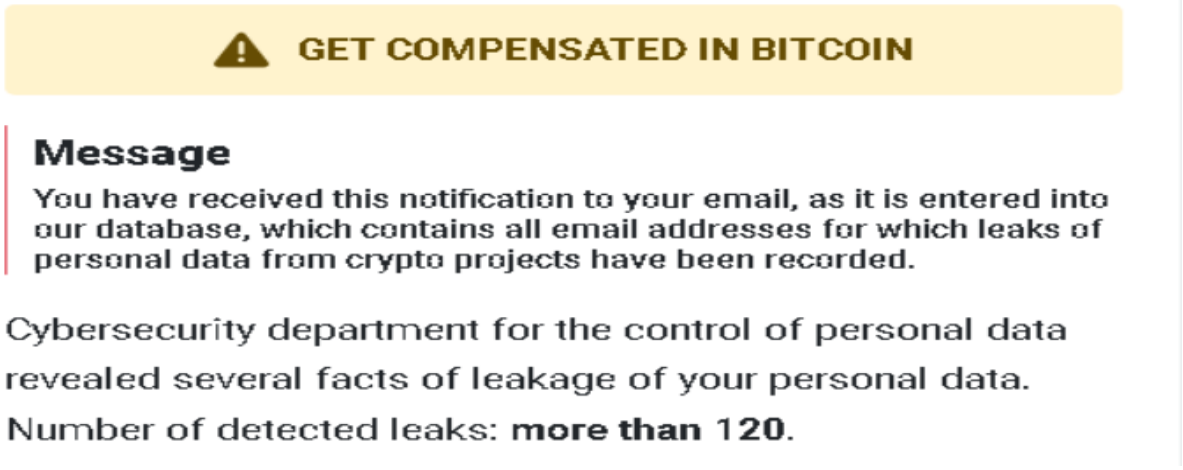
i. Image with the link.

ii. Redirected link.

5. Language used:

i. Threatening (data loss)

ii. Reward (compensation in bitcoin)



6. Links present are redirecting to different site:

7. Summarizing the traits used in this phishing email:
   i. Sender’s email mismatch as of company name.
   ii. Image with link redirecting to different site.
   iii. Link which is also redirecting to different site (same to image link).
   iv. Threatening language used (data leak).
   v. Giving reward (bitcoin compensation)