Phishing Email Investigation And IOC Analysis

Project Overview

As a cybersecurity consultant assigned to investigate a set of reported phishing emails received by an organization. Your task is to analyze the emails, identify any indicators of compromise (IOCs), and provide recommendations for mitigation and prevention.

This project simulates a real-world incident response scenario commonly encountered by SOC analysts and cybersecurity consultants.

Project Objectives:

1. Investigate Suspicious Emails And Extract Useful Metadata.

2. Identify IOCs, Including.
   - Malicious URLs or domains
   - Suspicious IP addresses
   - Attachments or payloads
   - Sender anomalies (Return-Path, SPF, DKIM, etc.)

3. Phishing Analysis Report: Details Of Your Key Findings With Snapshots And Mitigation Recommendations. (Report Can Be In A Slide Or Document)

Phishing Email Samples:

Download and analyze any 3 sample phishing emails.

Visit: https://app.phishtool.com/sign-up/community to Register for Email Analysis Tool

PhishTool

Forensic Email Analysis

Get PhishTool

PhishTool Community

Create a free PhishTool Community account.

Email address*

email@address.com

Password*

Password

Re-enter password*

Password

Legal*

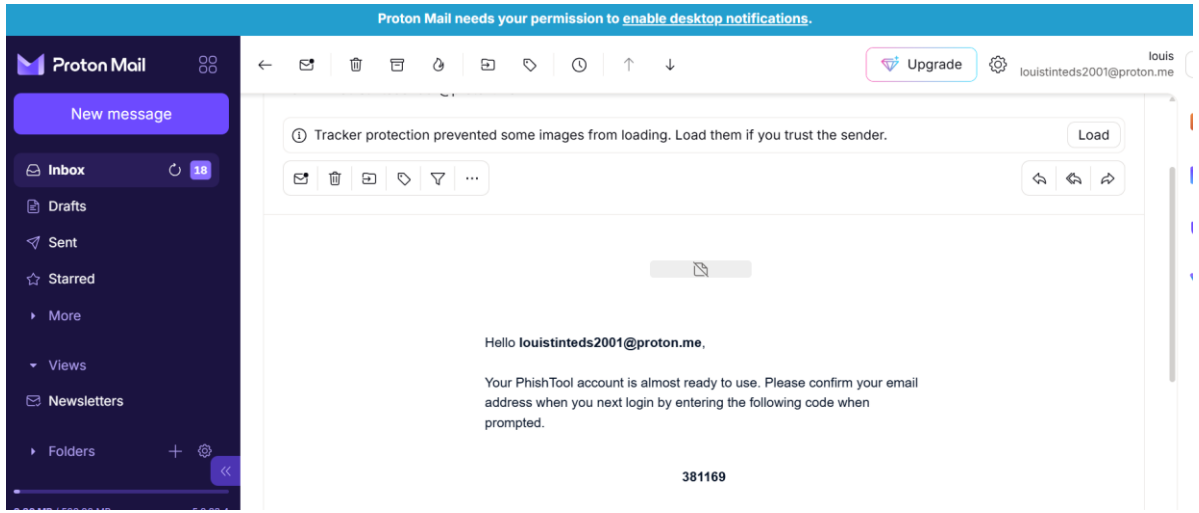
- [ ] I agree to Phishtool's Terms of Service
- [ ] I agree to Phishtool's Privacy Policy
- [ ] I agree to Phishtool's Proof of Value Agreement

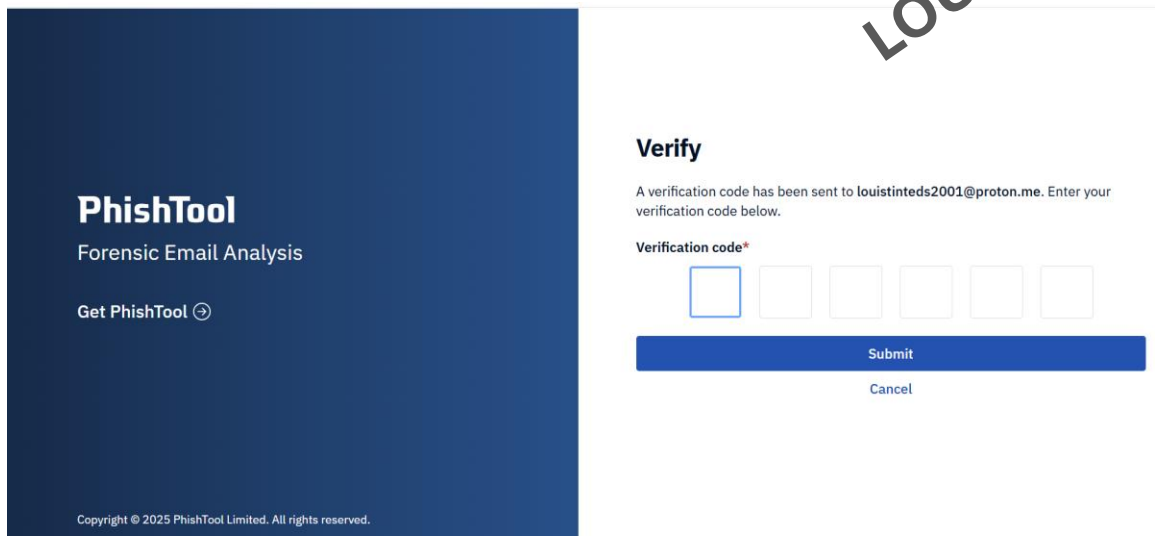
Contact preferences

- [ ] Occasionally send me feature updates and announcements

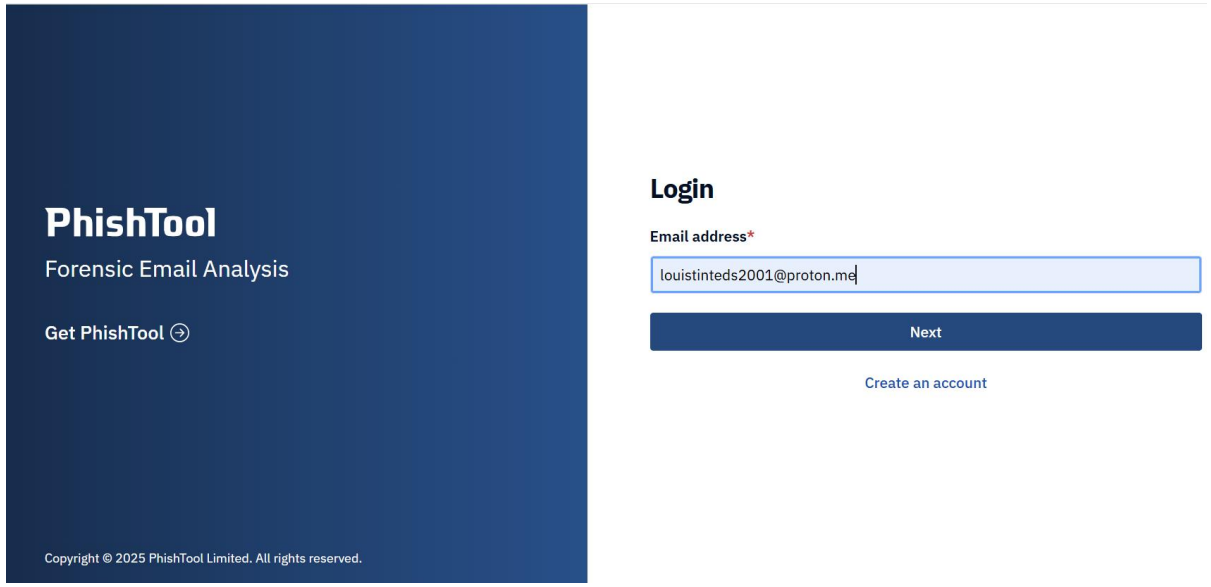
Create Account

Copy Verification Code From Email To Complete Registration & sign-in





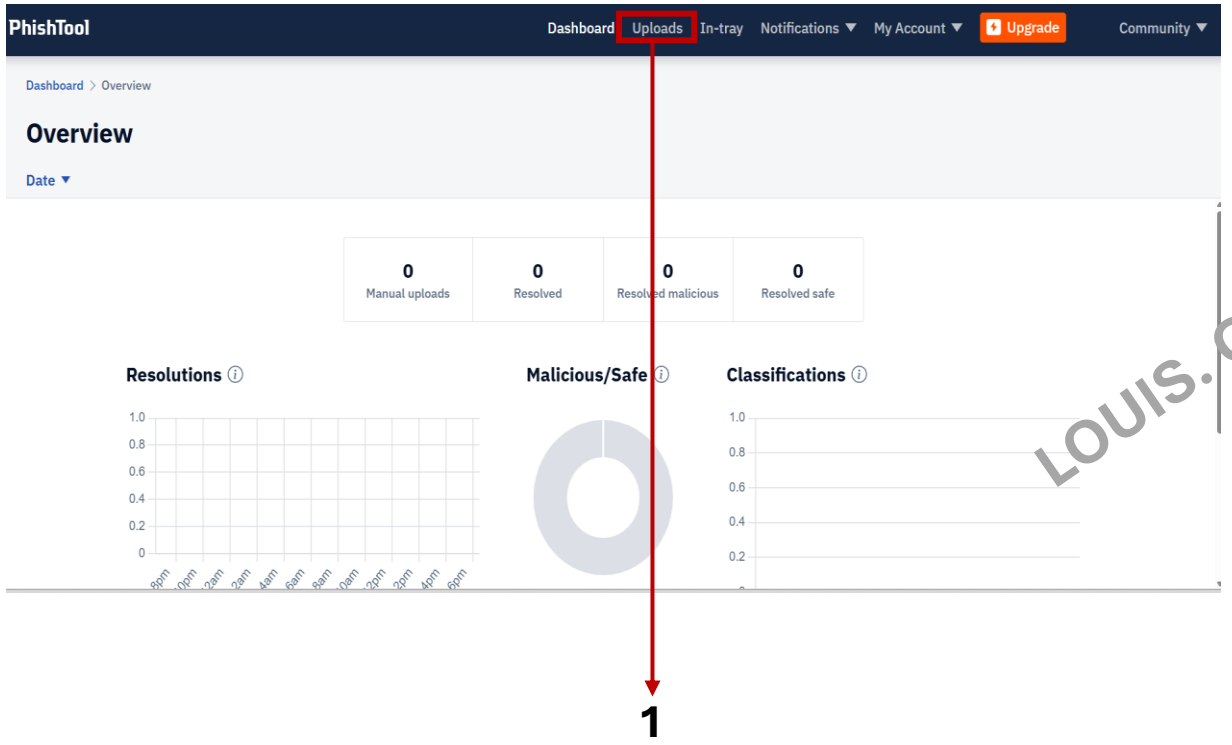
LOUIS.O

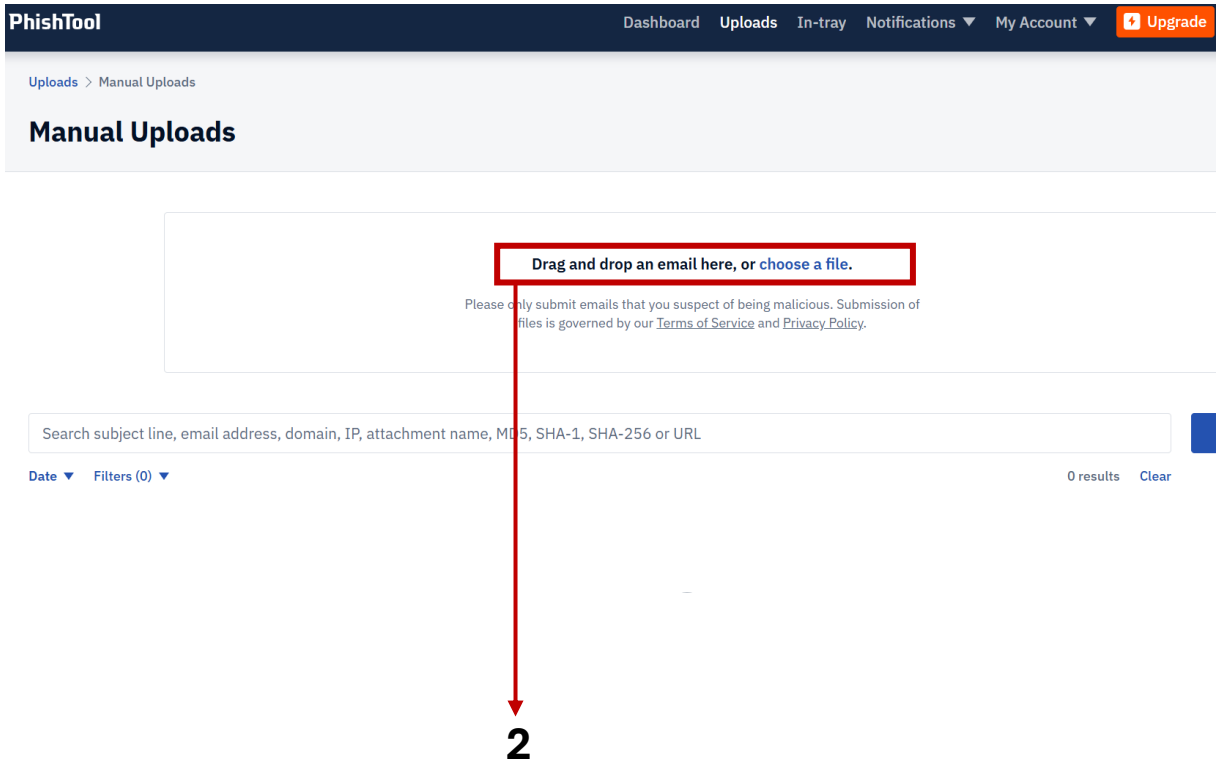


FIRST MALICIOUS EMAIL

LOUIS. O

Download The Email To Your Host Computer and Upload to PhishTool for Analysis





Copy the sender's URL & paste on https://www.virustotal.com/ to confirm if the URL is malicious or not.

PhishTool

Dashboard Uploads In-tray Notifications My Account

Uploads > Delivery Status Notification (Failure)

Delivery Status Notification (Failure)

Details Authentication URLs Attachments Transmission X-headers

Rendered HTML Plaintext Source

From	mailer-daemon@googlemail.com
Display name	Mail Delivery Subsystem
Sender	None
To	jeffrealblog@gmail.com
Cc	None
In-Reply-To	64688820326628.5cr7mv0434e31rsw725on25y@email.gmail.com
Timestamp	2025-08-15T20:32:51Z
Reply-To	None
Message-ID	<689f9973.050a0220.174e31.088f.GMR@mx.google.com>
Return-Path	None
Originating IP	209.85.220.65 (Received-SPF)
rDNS	mail-sor-f65.google.com

Address not found

Your message wasn't delivered to **jeffrealblog@google.com** because the address couldn't be found, or is unable to receive mail.

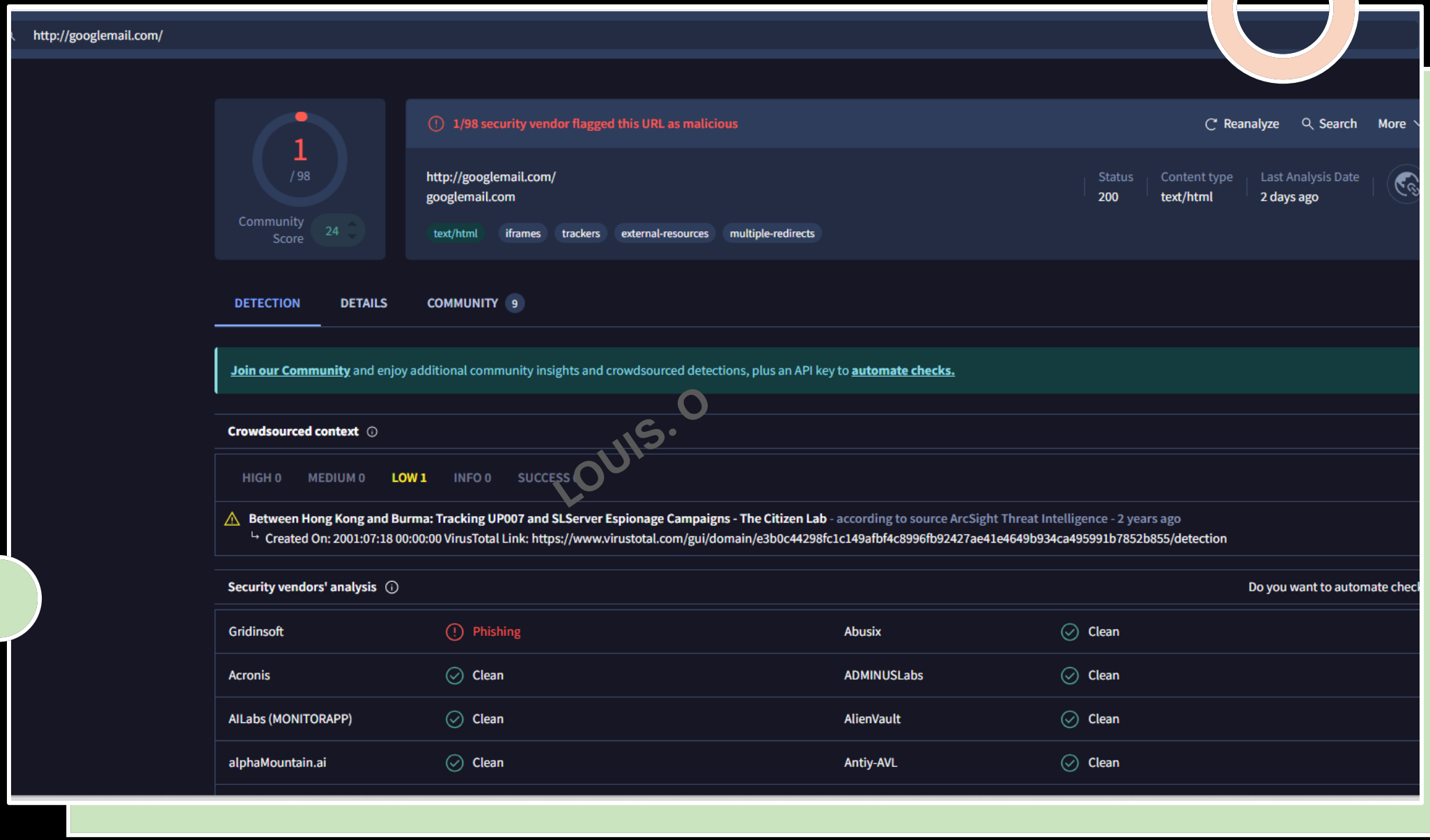
LEARN MORE

The response was:

```
The email account that you tried to reach does not exist. Please try double-che
email address for typos or unnecessary spaces. For more information, go to https
p=NoSuchUser
```

Analyzing the sender's Url using https://www.virustotal.com/

One of the antivirus platform flagged the sender URL as malicious



PhishTool

Dashboard Uploads In-tray Notifications My Account Up

Uploads > Delivery Status Notification (Failure)

Delivery Status Notification (Failure)

Details Authentication URLs Attachments Transmission X-headers

Rendered HTML Plaintext Source

Return-Path domain	None
SPF record	None
DKIM	PASS
Verification(s)	1 Signature - 1 PASS
Selector	20230601._domainkey.googlemail.com (Signature 1 of 1)
Signing domain	googlemail.com
Algorithm	rsa-sha256
Verification	PASS
DMARC	PASS
From domain	googlemail.com
DMARC record	v=DMARC1; p=quarantine; sp=quarantine; rua=mailto:mailauth-reports@google.com

Address not found

Your message wasn't delivered to **jeffrealblog@google.com** because the address couldn't be found, or is unable to receive mail.

LEARN MORE

The response was:

```
The email account that you tried to reach does not exist. Please try double-chec
email address for typos or unnecessary spaces. For more information, go to https:/
p=NoSuchUser
```

The sent email does not contain any Attachment , Return-Path or SPF. But let's investigate the DKIM, if it passes the verification test.

SPF:

An SPF (Sender Policy Framework) check confirms if an originating IP is authorized to send emails for a domain. SPF is designed to detect fraudulently sent emails — although only a combination of SPF, DKIM and DMARC can provide this level of assurance.

DKIM:

DKIM (DomainKeys Identified Mail) is an email security standard that uses cryptographic public and private key pairs to validate the integrity of an email with a given signing domain. The application of DKIM is achieved by a sending SMTP server prepending a digital signature (computed with a private key) linked to a signing domain to each outgoing email

Analyzing the sender's IP address using https://www.virustotal.com

PhishTool Dashboard Uploads In-tray Notifications My Account

Uploads > Delivery Status Notification (Failure)

Delivery Status Notification (Failure)

Details Authentication URLs Attachments Transmission X-headers

Rendered HTML Plaintext Source

From	mailer-daemon@googlemail.com
Display name	Mail Delivery Subsystem
Sender	None
To	jeffrealblog@gmail.com
Cc	None
In-Reply-To	64688820326628.5cr7mv0434e31rsw725on25y@email.gmail.com
Timestamp	2025-08-15T20:32:51Z
Reply-To	None
Message-ID	<689f9973.050a0220.174e31.088f.GMR@mx.google.com>
Return-Path	None
Originating IP	209.85.220.65 (Received-SPF)
rDNS	mail-sor-f65.google.com

Address not found

Your message wasn't delivered to **jeffrealblog@google.com** because the address couldn't be found, or is unable to receive mail.

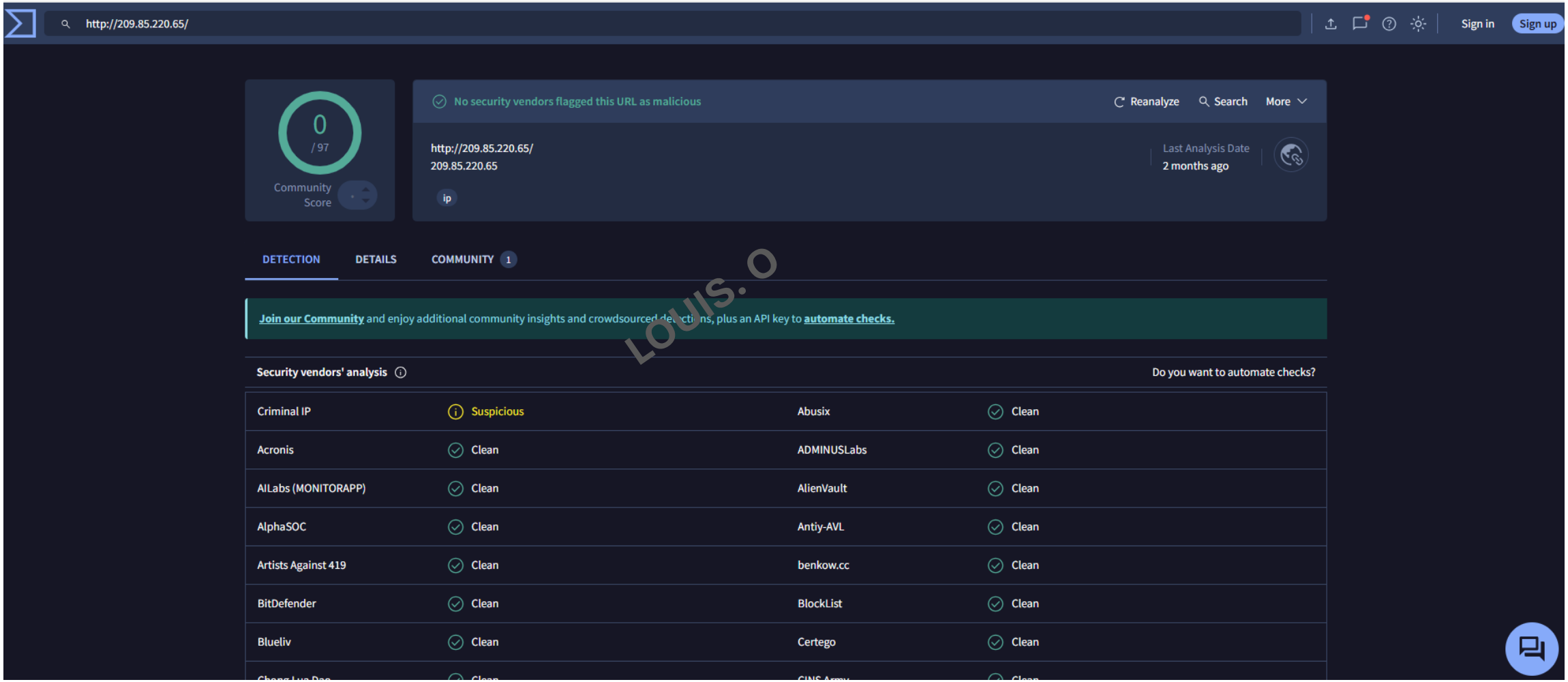
LEARN MORE

The response was:

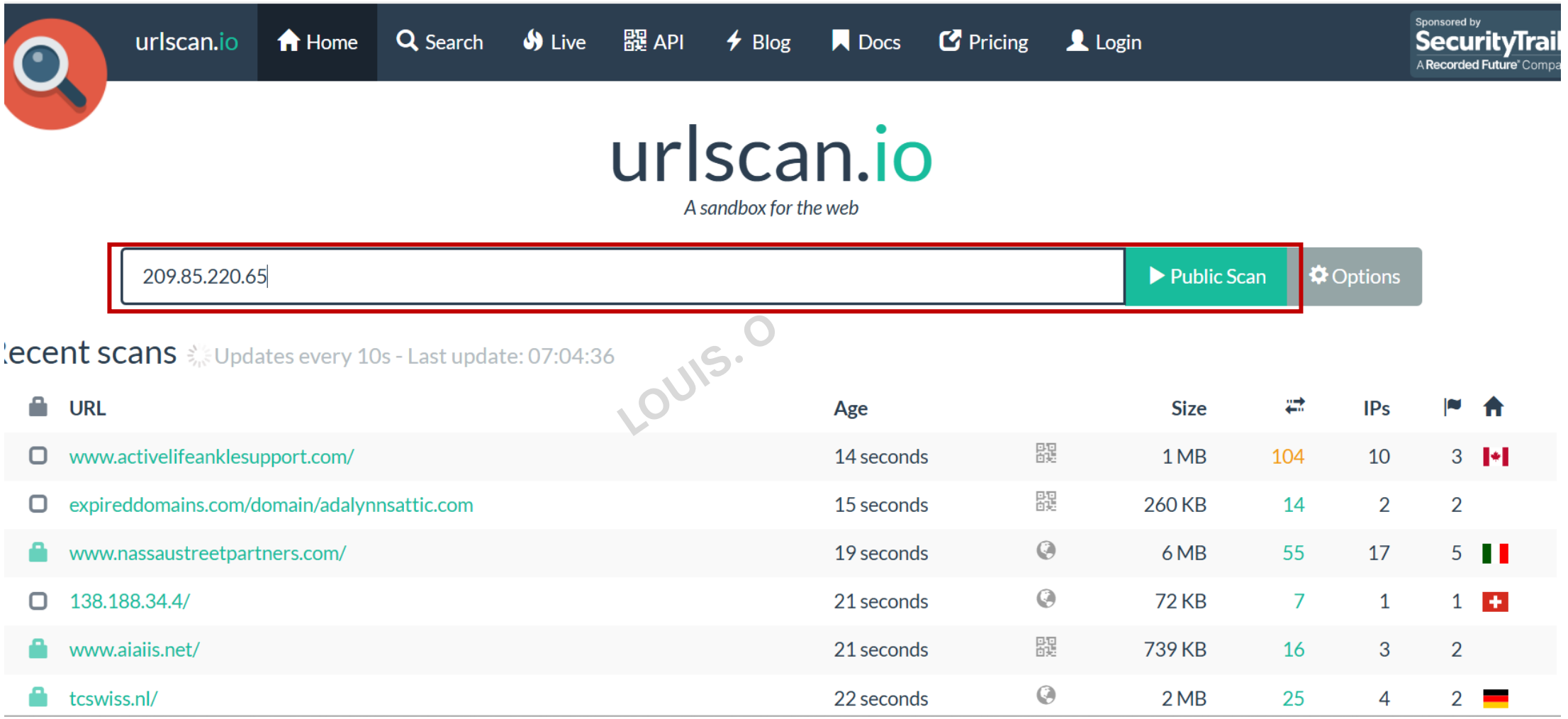
The email account that you tried to reach does not exist. Please try double-che
email address for typos or unnecessary spaces. For more information, go to https
p=NoSuchUser

Copy the IP address and open https://www.virustotal.com/ to confirm if the IP address is malicious.

One of the antivirus platform flagged the IP address associated with this email as suspicious.

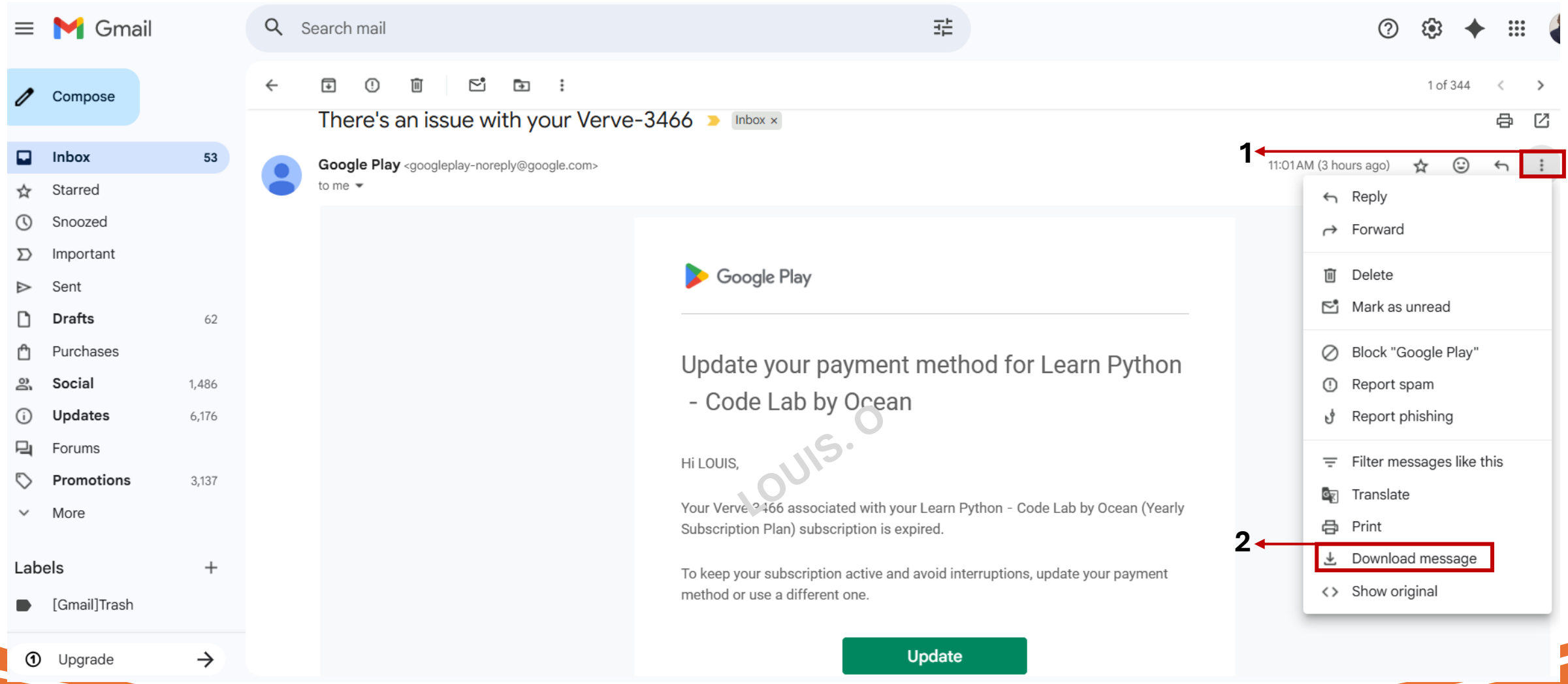


Get more details about the sender's IP address using https://urlscan.io

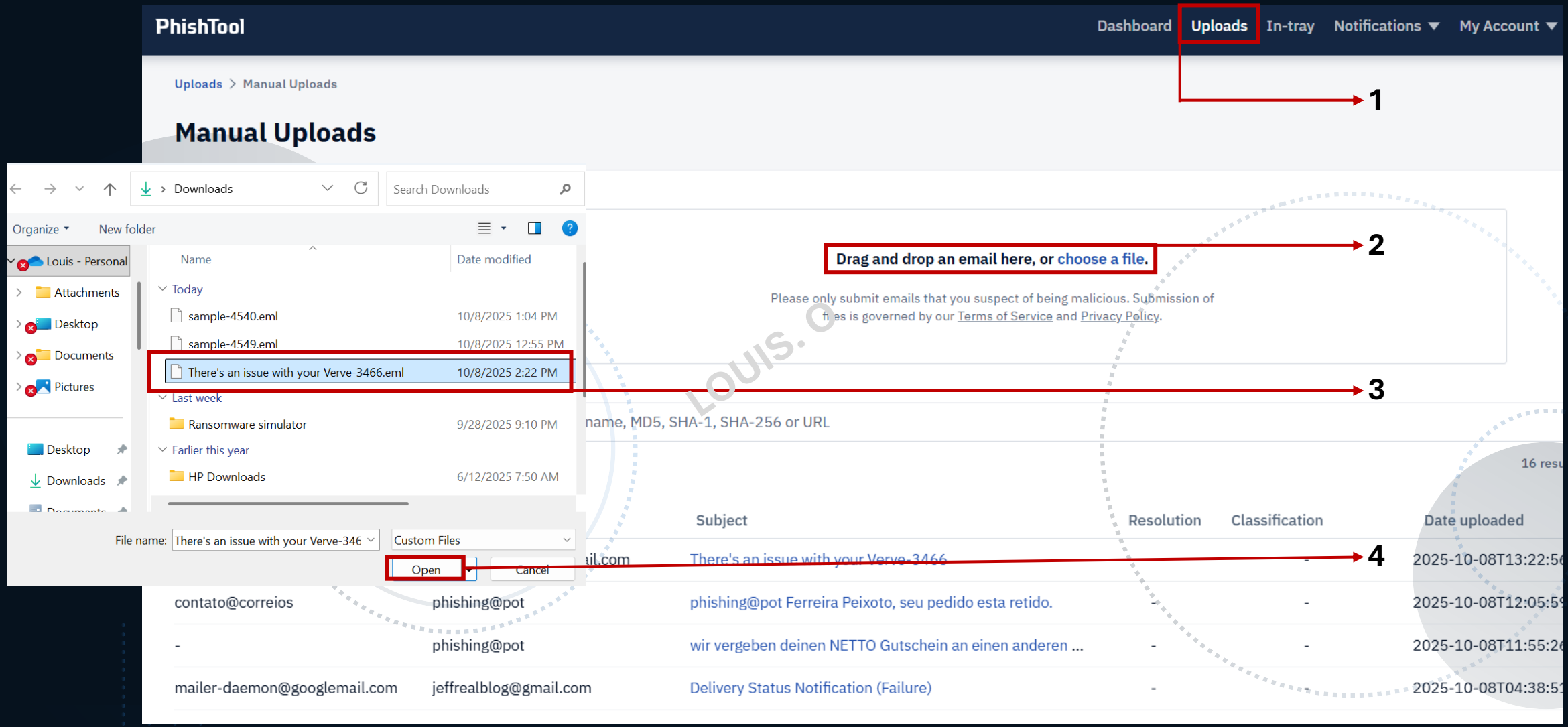


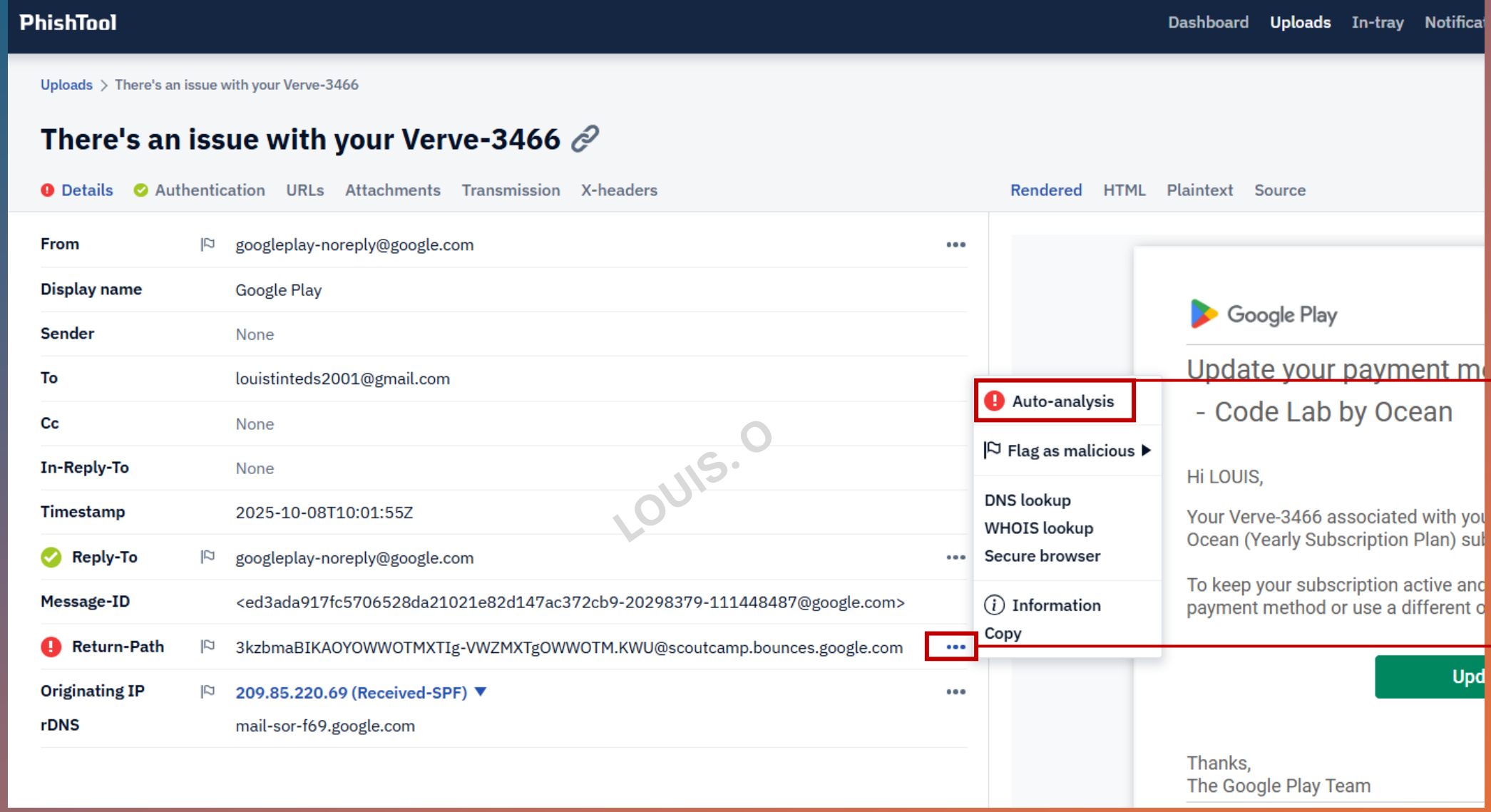
SECOND MALICIOUS EMAIL

Download the mail to your host computer. Please DO NOT open the mail nor any attachment.



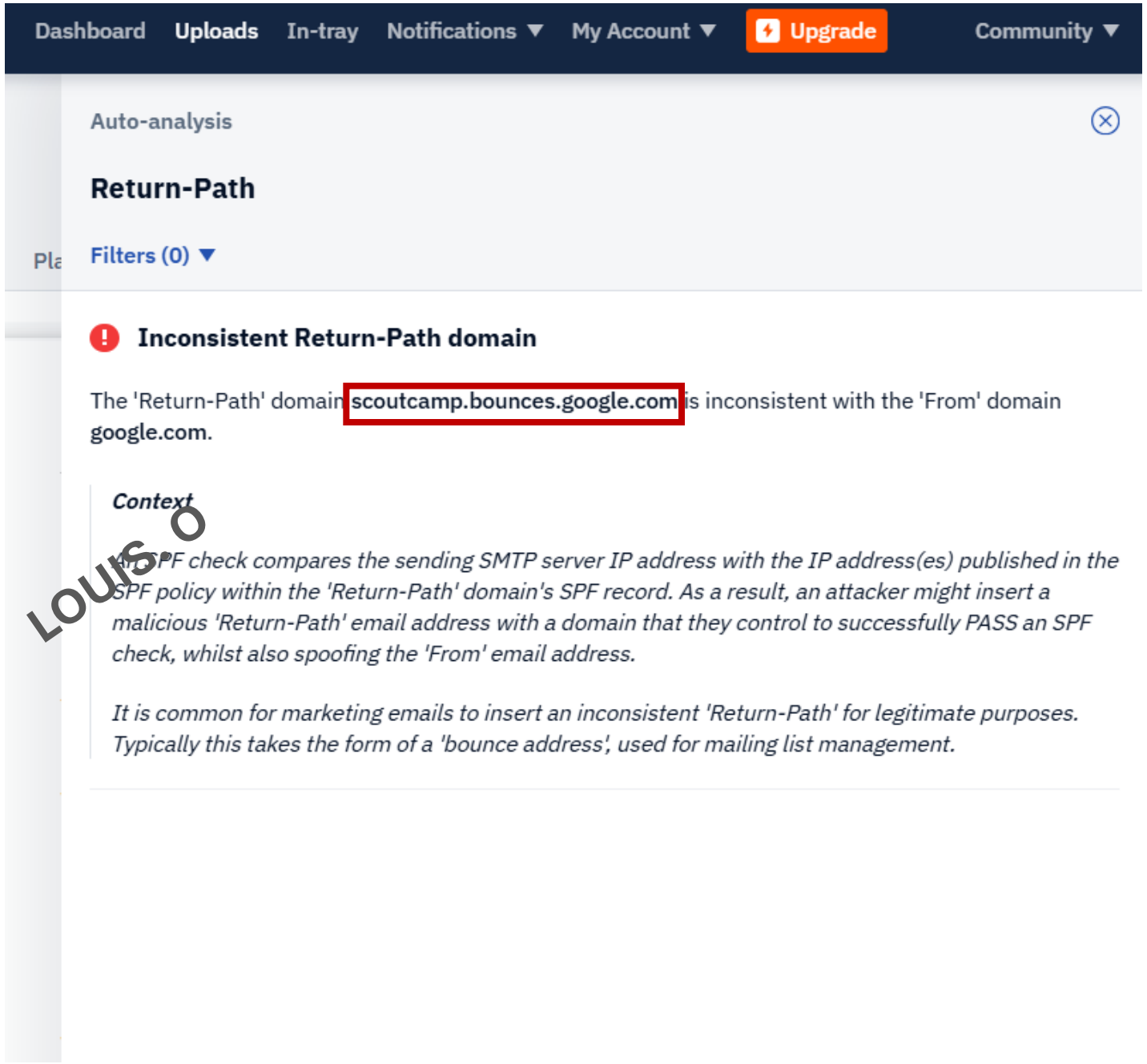
Visit https://app.phishtool.com/ to Upload the downloaded mail to check the legitimacy of the mail.





The Return-Path is flagged as inconsistent, so click on Auto-analysis to see the Return-Path and copy it into VirusTotal to see all malicious embedded files associated with this email.

Copy Inconsistent Return-Path to VirusTotal.



address, domain or file hash

VIRUSTOTAL

Analyse suspicious files, domains, IPs and URLs to detect malware and other breaches, automatically share them with the security community.

FILE | URL | SEARCH

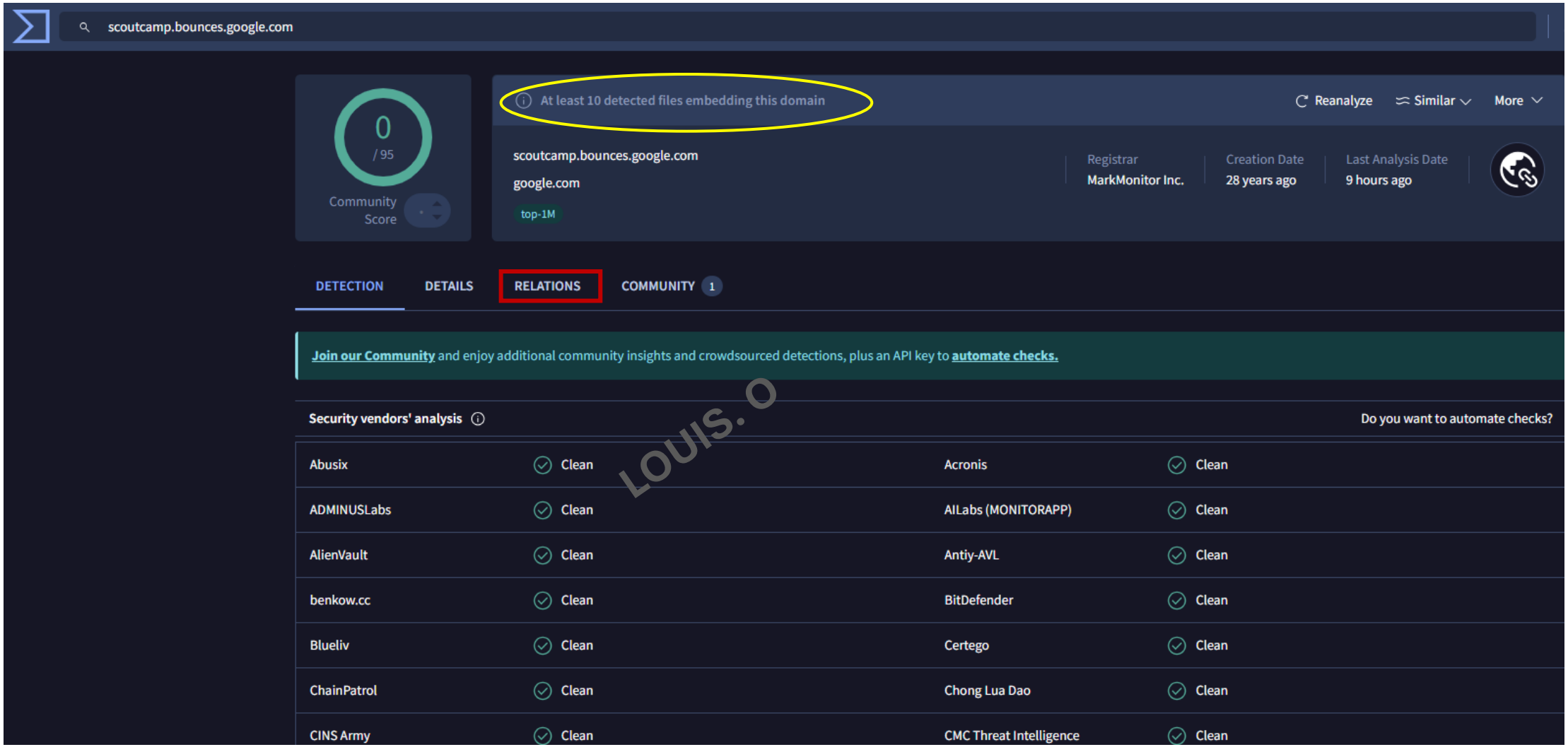
Search for a hash, domain, IP address, URL or gain additional context and threat landscape visibility with OUR THREAT INTELLIGENCE OFFERING.

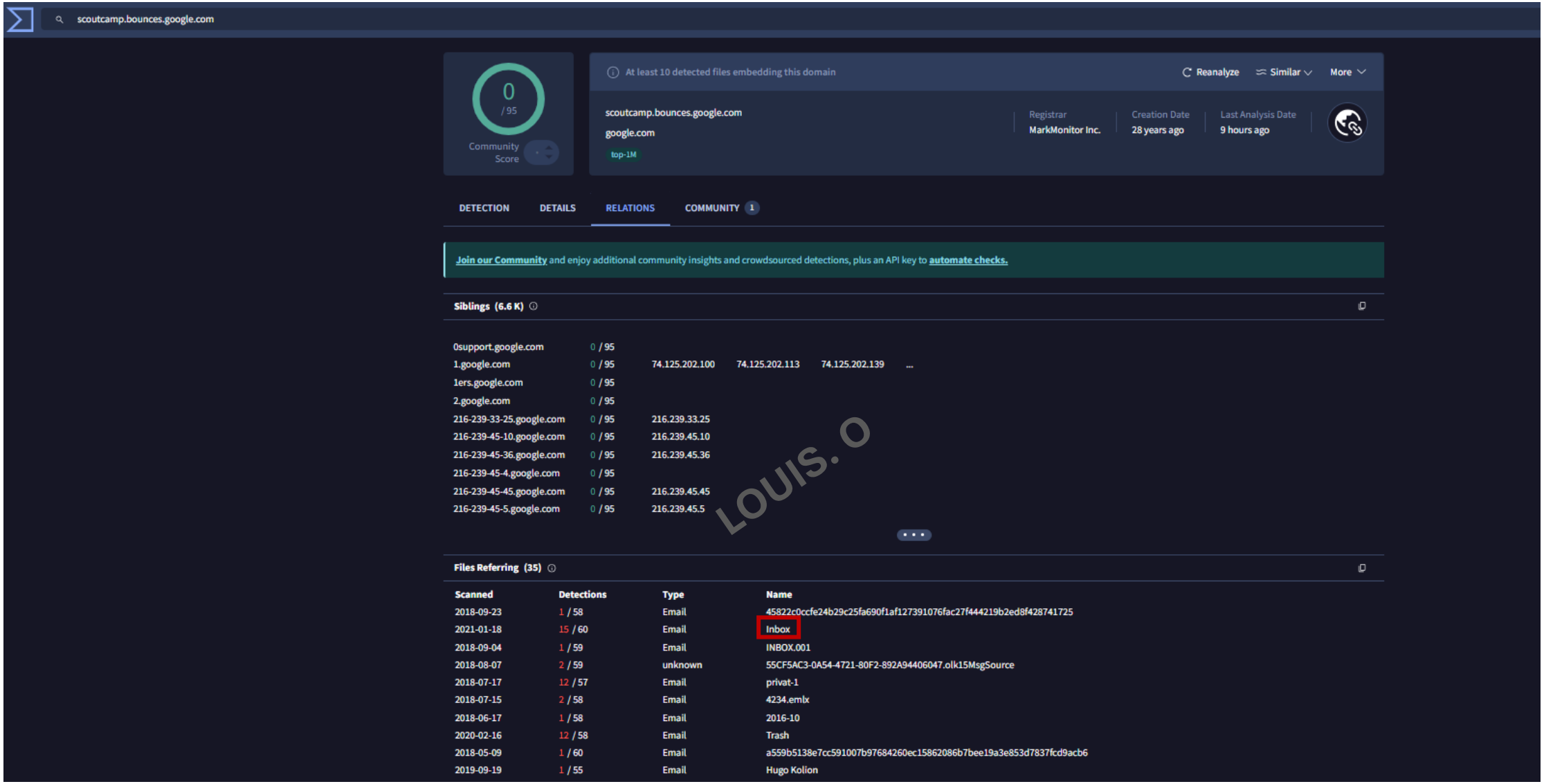
scoutcamp.bounces.google.com

Search

By submitting data above, you are agreeing to our Terms of Service and Privacy Notice, and to the **sharing of your** **with the security community.** Please do not submit any personal information; we are not

VirusTotal has detected "At least 10 files embedding this domain"




scoutcamp.bounces.google.com
0
/ 95
Community Score
At least 10 detected files embedding this domain
Reanalyze
Similar
More
scoutcamp.bounces.google.com
google.com
top-1M
Registrar
MarkMonitor Inc.
Creation Date
28 years ago
Last Analysis Date
9 hours ago
DETECTION
DETAILS
RELATIONS
COMMUNITY 1
Join our Community and enjoy additional community insights and crowdsourced detections, plus an API key to automate checks.
Siblings (6.6 K)
0support.google.com 0 / 95
1.google.com 0 / 95 74.125.202.100 74.125.202.113 74.125.202.139 ...
1ers.google.com 0 / 95
2.google.com 0 / 95
216-239-33-25.google.com 0 / 95 216.239.33.25
216-239-45-10.google.com 0 / 95 216.239.45.10
216-239-45-36.google.com 0 / 95 216.239.45.36
216-239-45-4.google.com 0 / 95
216-239-45-45.google.com 0 / 95 216.239.45.45
216-239-45-5.google.com 0 / 95 216.239.45.5
LOUIS. O
Files Referring (35)
Scanned Detections Type Name
2018-09-23 1 / 58 Email 45822c0ccfe24b29c25fa690f1af127391076fac27f444219b2ed8f428741725
2021-01-18 15 / 60 Email Inbox
2018-09-04 1 / 59 Email INBOX.001
2018-08-07 2 / 59 unknown 55CF5AC3-0A54-4721-80F2-892A94406047.olk15MsgSource
2018-07-17 12 / 57 Email privat-1
2018-07-15 2 / 58 Email 4234.emlx
2018-06-17 1 / 58 Email 2016-10
2020-02-16 12 / 58 Email Trash
2018-05-09 1 / 60 Email a559b5138e7cc591007b97684260ec15862086b7bee19a3e853d7837fcd9acb6
2019-09-19 1 / 55 Email Hugo Kolion

11686cf509da9c9049f9661a642d704324132cb16432474cb044416a9aa82137

15 / 60

Community Score

15/60 security vendors flagged this file as malicious

Reanalyze | Similar | More

11686cf509da9c9049f9661a642d704324132cb16432474cb044416a9aa82137

Inbox

email

Size 3.35 MB

Last Analysis Date 4 years ago

EML

DETECTION | DETAILS | COMMUNITY 5

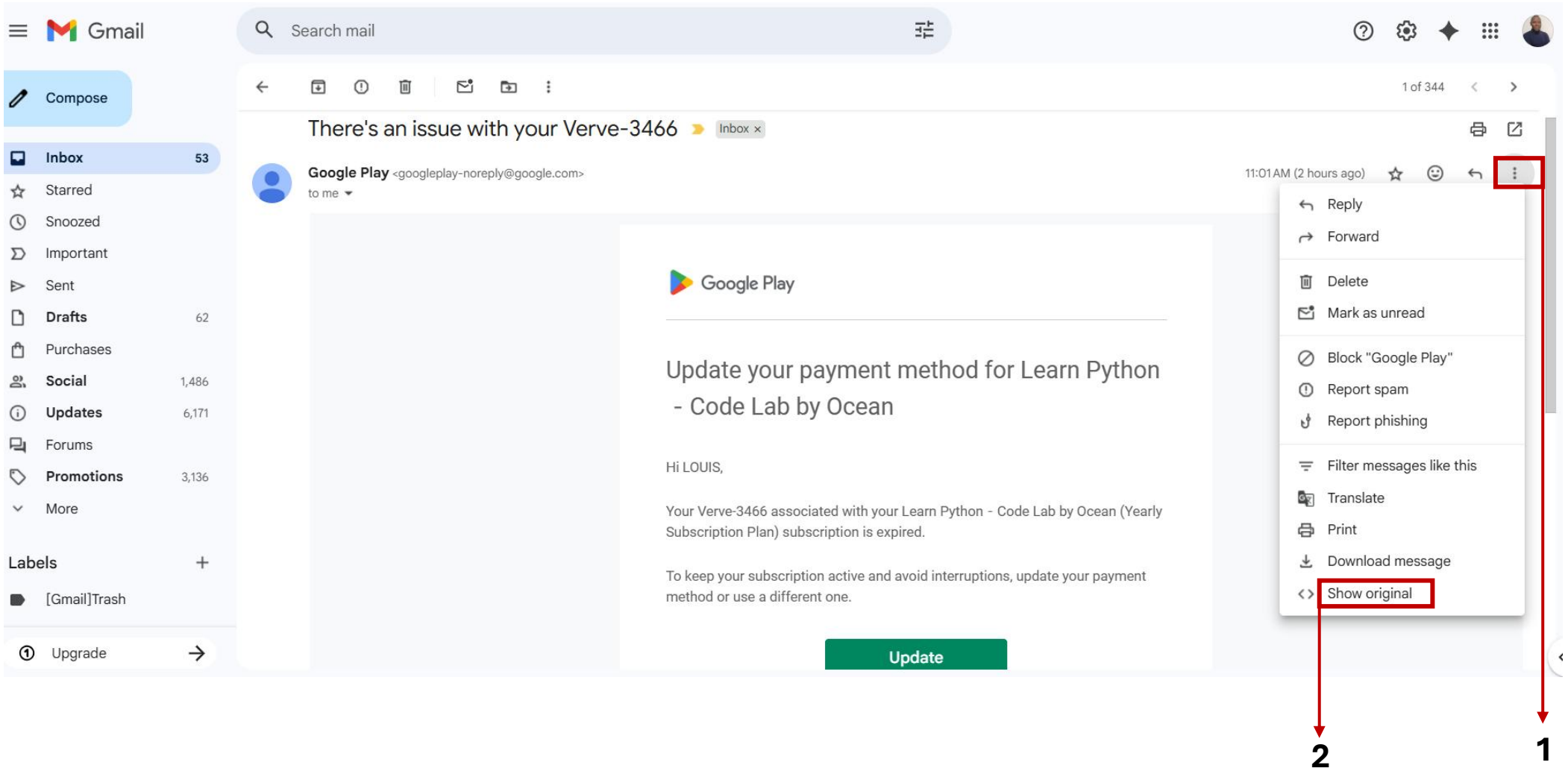
Join our Community and enjoy additional community insights and crowdsourced detections, plus an API key to automate checks.

Security vendors' analysis

Do you want to automate checks?

Ad-Aware	VB:Trojan.VBA.Downloader.NE	ALYac	VB:Trojan.VBA.Downloader.NE
Antiy-AVL	Trojan[Downloader]/MSOffice.Agent.fmg	Avira (no cloud)	HEUR/Macro.Downloader.FAE.Gen
BitDefender	VB:Trojan.VBA.Downloader.NE	ClamAV	Xls.Downloader.Sload-6774021-0
Cynet	Malicious (score: 85)	DrWeb	Exploit.Siggen.10386
Fortinet	VBA/Agent.49DF!tr.dldr	GData	VB:Trojan.VBA.Downloader.NE
Ikarus	Trojan-Downloader.VBA.Agent	Kaspersky	HEUR:Trojan-Downloader.MSOffice.SLoa…
MAX	Malware (ai Score=86)	Trellix (ENS)	RDN/Generic Downloader.x
ZoneAlarm by Check Point	HEUR:Trojan-Downloader.MSOffice.SLoa…	AegisLab	Undetected

An alternative technique to detect malicious emails.



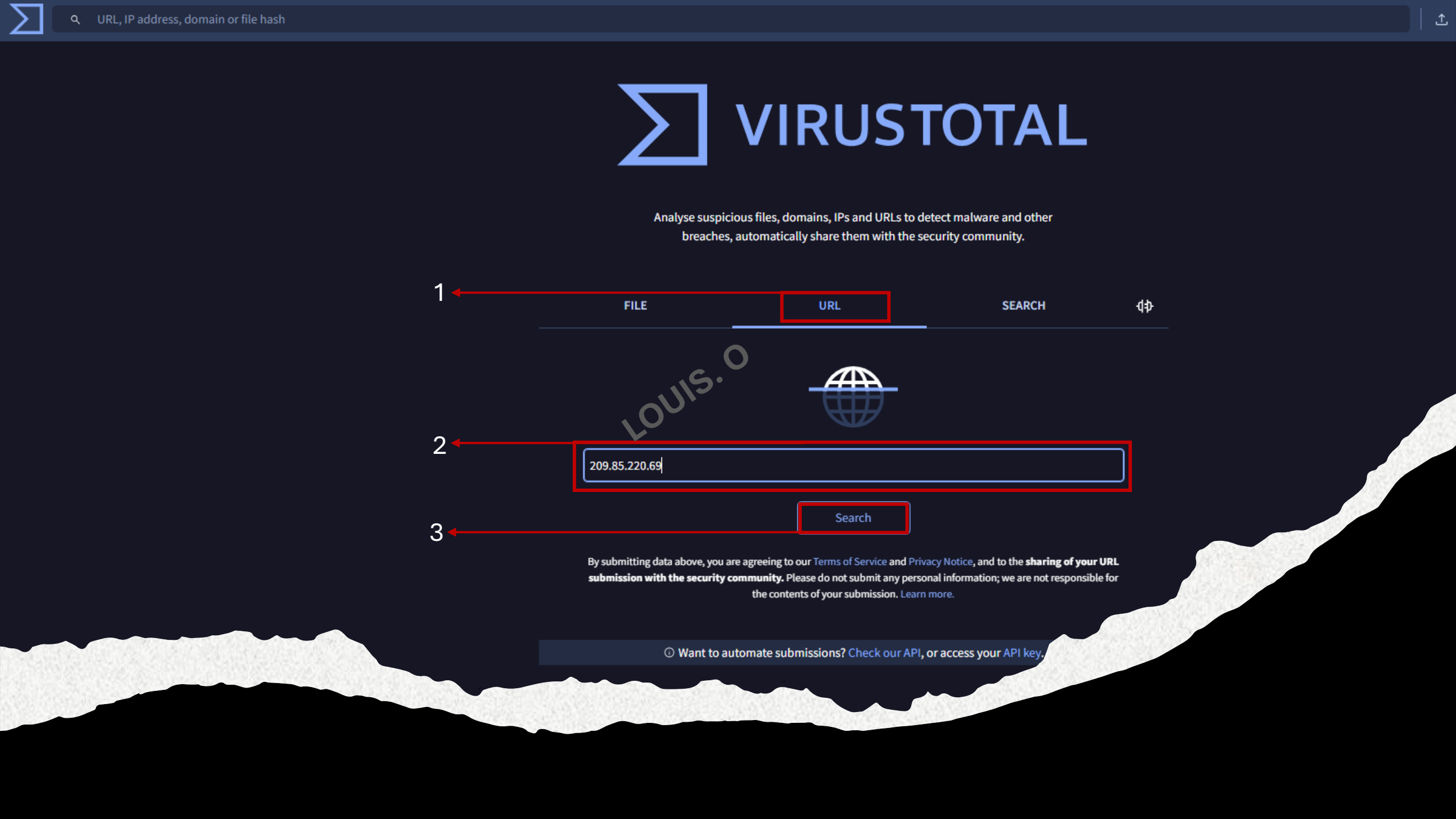
Copy the IP address into VirusTotal platform to check the legitimacy of the IP address

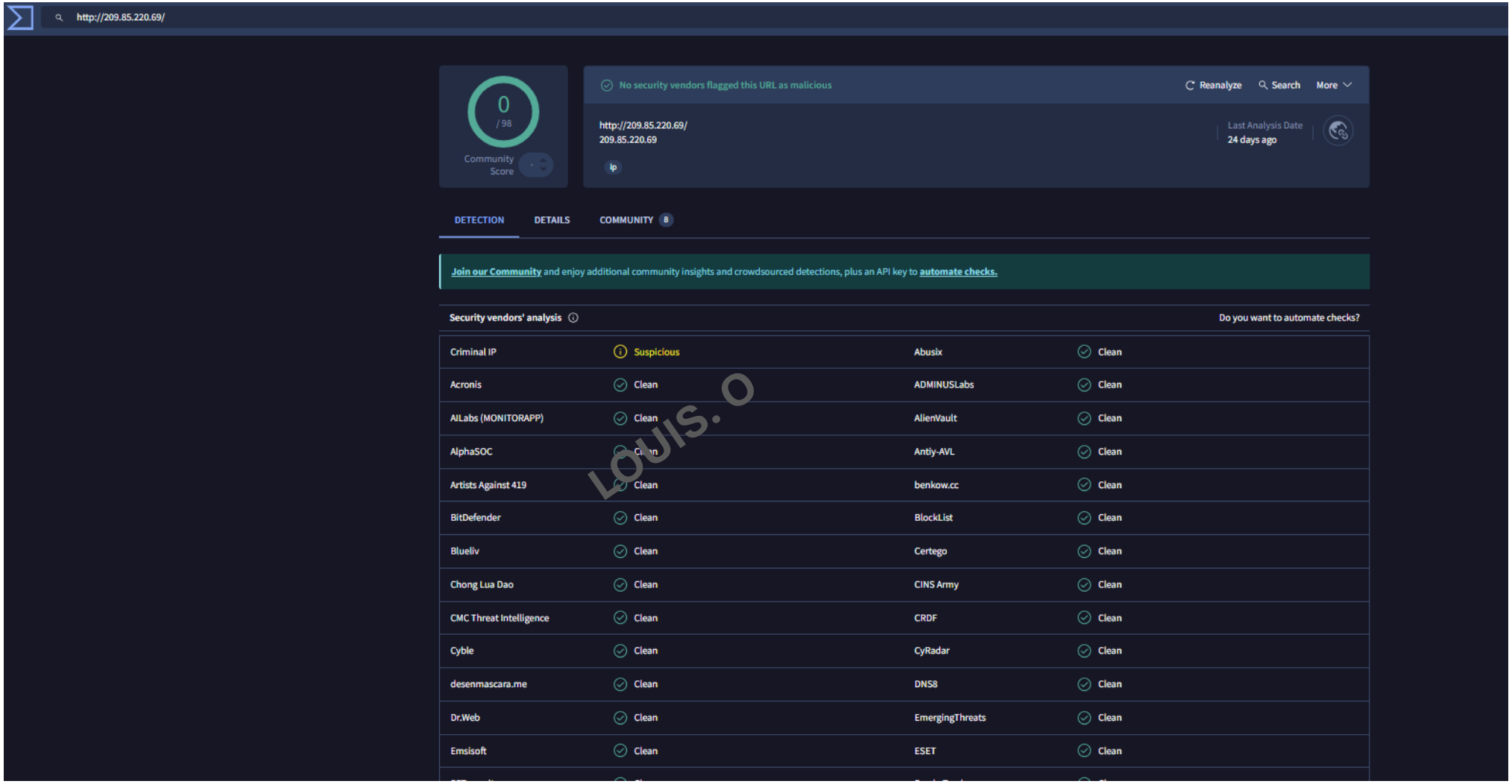
Original Message

Message ID	<ed3ada917fc5706528da21021e82d147ac372cb9-20298379-111448487@google.com>
Created at:	Wed, Oct 8, 2025 at 11:01 AM (Delivered
From:	Google Play <googleplay-noreply@goog
To:	louistinteds2001@gmail.com
Subject:	There's an issue with your Verve-3466
SPF:	PASS with IP 209.85.220.69 Learn more
DKIM:	'PASS' with domain google.com Learn m
DMARC:	'PASS' Learn more

Download Original

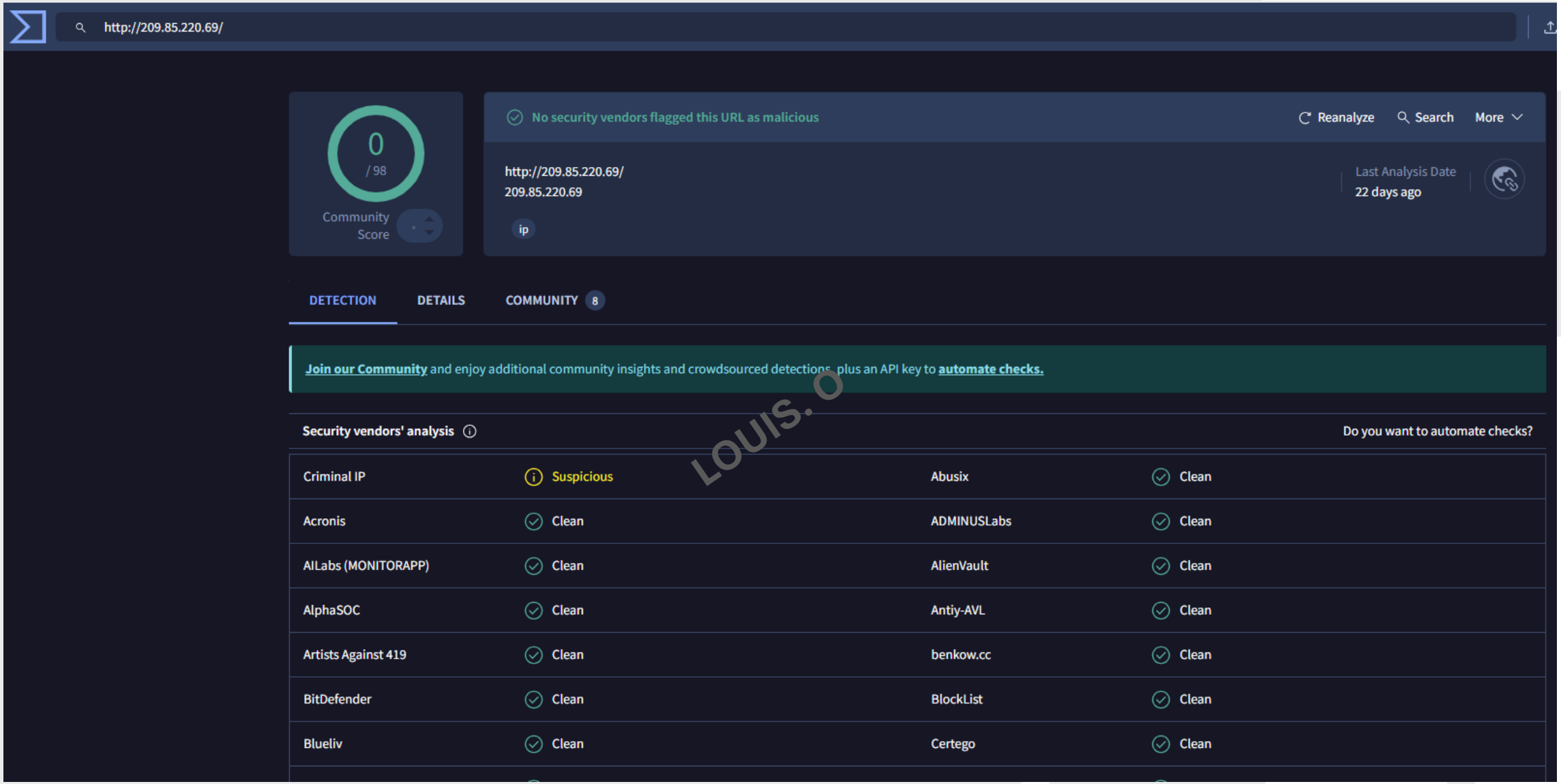
```
Delivered-To: louistinteds2001@gmail.com
Received: by 2002:a05:651c:897:b0:366:7d43:87e8 with SMTP id d23csp598461ljq;
        Wed, 8 Oct 2025 03:01:55 -0700 (PDT)
X-Received: by 2002:a05:690c:5506:10b0:748:a6a0:9ff with SMTP id 00721157ae682-780d222e60cmr68715597b3.14.17599177153
        Wed, 08 Oct 2025 03:01:55 -0700 (PDT)
ARC-Seal: i=1; a=rsa-sha256; t=1759917715; cv=none;
        d=google.com; s=arc-20240605;
        b=FMTZH7ch1i2NKGvYxoGtrE6N4hZ9jkniOi+6HCPorQ7p+8JfGXIN4LgMt7KEVLQ5X/
         zhmYjRYpOHSwB6PnA95cDGZMLSyEFIfeidWgoLB/Sd3FLzCn6m6pnJQBWhG3mhsedkr1
         FHNVLLHSIL+AOte9tc+TPmRRVPu4Z6SQsxCcPfAlSrvIA0tqixIL8/UpiMPN/46HoUtA
         6jgFXdF9s6gwuy+344FNcDjhGwPXKzaSwlVKQGTw0hVMJygz39Ro2DHqDxmZL/bbsCDZ
         jPPF  be9XDNIWn17RDlY+ew/O7sgwAtL8vQX7e9rhVA8F78ZggJ34dp3VwSCpdpjYyh
         juhQ
ARC-Message-Signature: i=1; a=rsa-sha256; c=relaxed/relaxed; d=google.com; s=arc-20240605;
        h=to:from:subject:message-id:feedback-id:reply-to:date:mime-version
         :dkim-signature;
        bh=GcAjwg17tpLW+yN04CI8bViiHVj410wbJF7Nn4hfuKA=;
        fh=ii+/9x6pbGt2qi2vZIdOcZ6tTjPb/d+qM4E+ogNuMok=;
        b=C+XqV+LmxPWQWOHbDjEKYnUq0tvAX7P/o1tqIoq0ihHnWh9u33yoIDRLgw8byQqvcO
         VZJ8xMJ3AUBv9zZqwaSH22p8nx5AA2dxMKtovSNadTL2Ff/VelKi1wsPUfzlViu6EmTJ
         CbPzbNigulskM/0n/4OjLYUwKaCd7fHOa7/Ol0RZAQl7ry1yBSX9sF8BuuFEAoZ4/7Y5
         ySDKNhpA8KuDFfj0Gk4AY6M7TfBDtQrKsbIkJkbqBx6xlS46PGvHis5QnBn2vAqP6dBY
         cXaN/Uw92Fq5TMy8wKUkOdXdTN2LX7aACrZmDoK0b9J2WO6qztgNIaBeQ+A6jBZX4Wtq
         7D+g==;
        dara=google.com
ARC-Authentication-Results: i=1; mx.google.com;
       dkim=pass header.i=@google.com header.s=20230601 header.b="h8/KG7OM";
       spf=pass (google.com: domain of 3kzbmabikaoyowwotmxtig-vwzmxtgowwotm.kwu@scoutcamp.bounces.google.com designate
smtp.mailfrom=3kzbmaBIKAOYOWWOTMXTIg-VWZMXTgOWWOTM.KWU@scoutcamp.bounces.google.com;
       dmarc=pass (p=REJECT sp=REJECT dis=NONE) header.from=google.com;
       dara=pass header.i=@gmail.com
Return-Path: <3kzbmaBIKAOYOWWOTMXTIg-VWZMXTgOWWOTM.KWU@scoutcamp.bounces.google.com>
Received: from mail-sor-f69.google.com (mail-sor-f69.google.com. [209.85.220.69])
        by mx.google.com with SMTPS id 00721157ae682-780e1d214basor13409367b3.0.2025.10.08.03.01.55
        for <louistinteds2001@gmail.com>
        (Google Transport Security);
        Wed, 08 Oct 2025 03:01:55 -0700 (PDT)
```

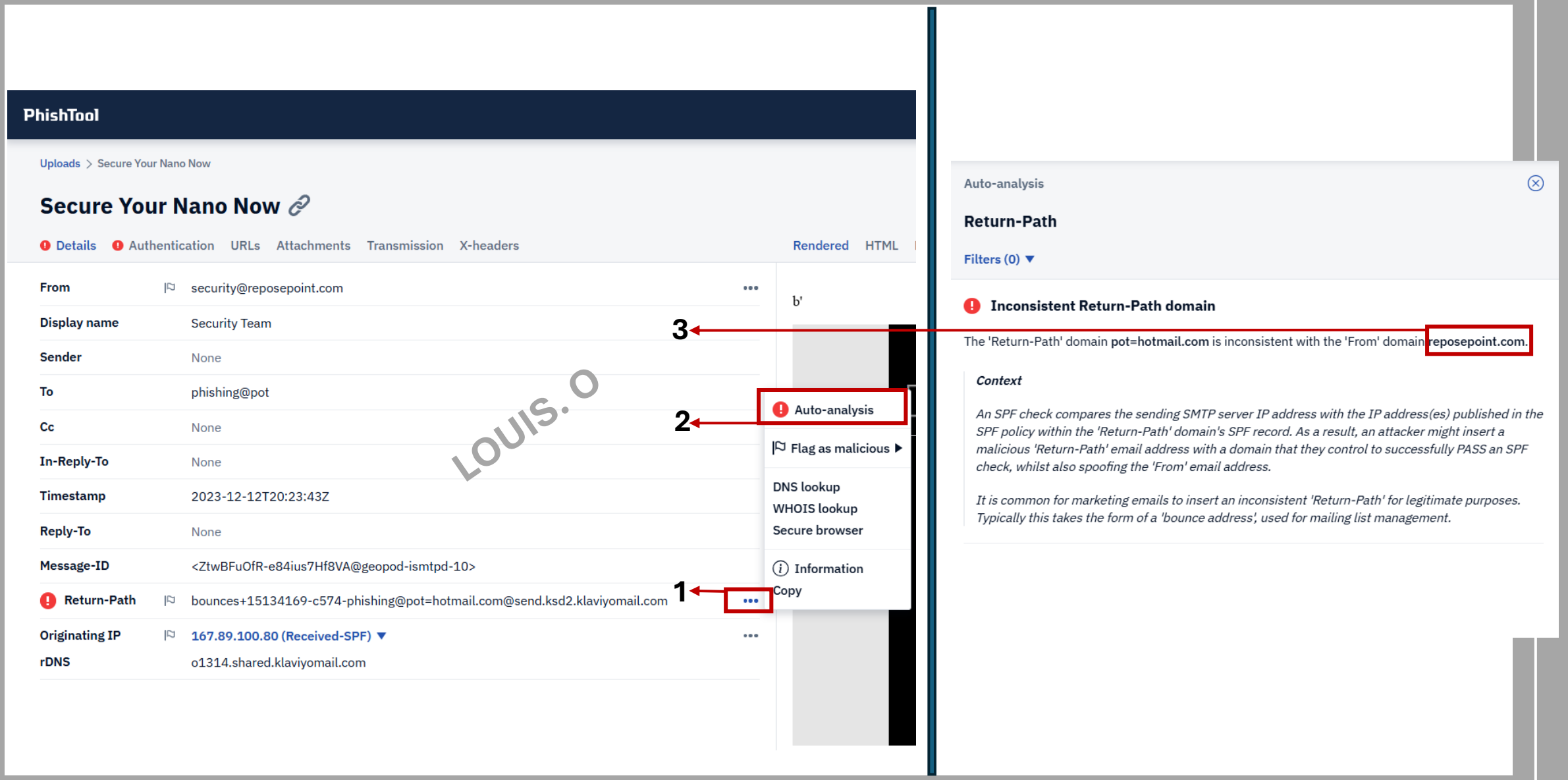

URL, IP address, domain or file hash
VIRUSTOTAL
Analyse suspicious files, domains, IPs and URLs to detect malware and other breaches, automatically share them with the security community.
1
FILE
URL
SEARCH
LOUIS. O
2
209.85.220.69
3
Search
By submitting data above, you are agreeing to our Terms of Service and Privacy Notice, and to the sharing of your URL submission with the security community. Please do not submit any personal information; we are not responsible for the contents of your submission. Learn more.
Want to automate submissions? Check our API, or access your API key.


http://209.85.220.69/
0
/ 98
Community Score
No security vendors flagged this URL as malicious
Reanalyze
Search
More
http://209.85.220.69/
209.85.220.69
ip
Last Analysis Date
24 days ago
DETECTION
DETAILS
COMMUNITY 8
Join our Community and enjoy additional community insights and crowdsourced detections, plus an API key to automate checks.
Security vendors' analysis
Do you want to automate checks?
Criminal IP Suspicious
Abusix Clean
Acronis Clean
ADMINUSLabs Clean
AILabs (MONITORAPP) Clean
AlienVault Clean
AlphaSOC Clean
Antiy-AVL Clean
Artists Against 419 Clean
benkow.cc Clean
BitDefender Clean
BlockList Clean
Blueliv Clean
Certego Clean
Chong Lua Dao Clean
CINS Army Clean
CMC Threat Intelligence Clean
CRDF Clean
Cyble Clean
CyRadar Clean
desenmascara.me Clean
DNS8 Clean
Dr.Web Clean
EmergingThreats Clean
Emsisoft Clean
ESET Clean
LOUIS.O

THIRD MALICIOUS EMAIL

The IP address is malicious and such mail should not be open.




PhishTool
Uploads > Secure Your Nano Now
Secure Your Nano Now
Details
Authentication
URLs
Attachments
Transmission
X-headers
Rendered
HTML
From
security@reposepoint.com
Display name
Security Team
Sender
None
To
phishing@pot
Cc
None
In-Reply-To
None
Timestamp
2023-12-12T20:23:43Z
Reply-To
None
Message-ID
<ZtwBFuOfR-e84ius7Hf8VA@geopod-ismtpd-10>
Return-Path
bounces+15134169-c574-phishing@pot=hotmail.com@send.ksd2.klaviyomail.com
Originating IP
167.89.100.80 (Received-SPF)
rDNS
o1314.shared.klaviyomail.com
b'
Auto-analysis
Flag as malicious
DNS lookup
WHOIS lookup
Secure browser
Information
Copy
1
2
3
LOUIS. O
Auto-analysis
Return-Path
Filters (0)
Inconsistent Return-Path domain
The 'Return-Path' domain pot=hotmail.com is inconsistent with the 'From' domain reposepoint.com.
Context
An SPF check compares the sending SMTP server IP address with the IP address(es) published in the SPF policy within the 'Return-Path' domain's SPF record. As a result, an attacker might insert a malicious 'Return-Path' email address with a domain that they control to successfully PASS an SPF check, whilst also spoofing the 'From' email address.
It is common for marketing emails to insert an inconsistent 'Return-Path' for legitimate purposes. Typically this takes the form of a 'bounce address', used for mailing list management.

reposepoint.com

0 / 95

Community Score

1 detected file embedding this domain

Reanalyze | Similar | More

reposepoint.com

top-1M

Registrar: NAMECHEAP INC

Creation Date: 6 years ago

Last Analysis Date: 8 days ago

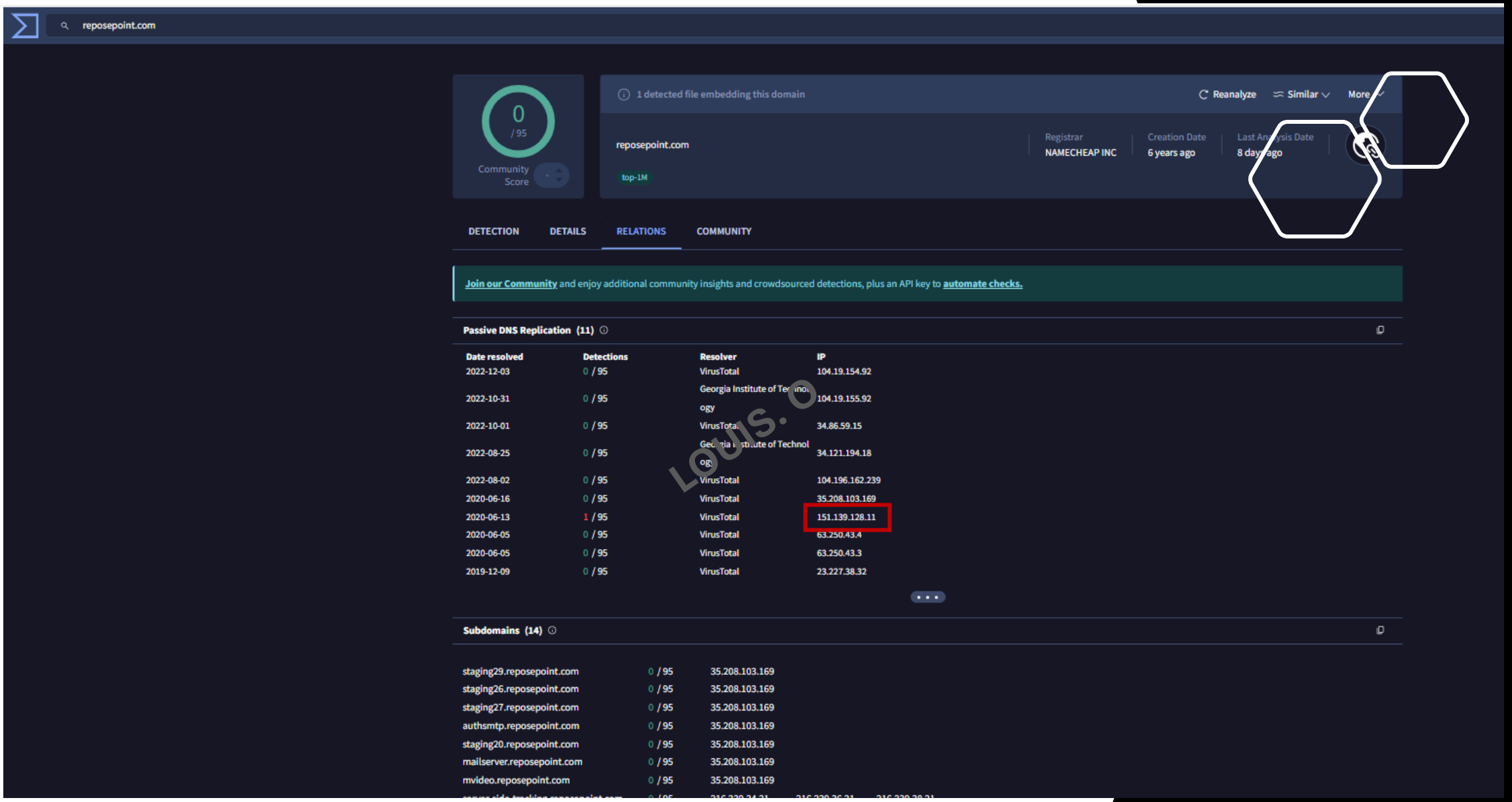
DETECTION | DETAILS | RELATIONS | COMMUNITY

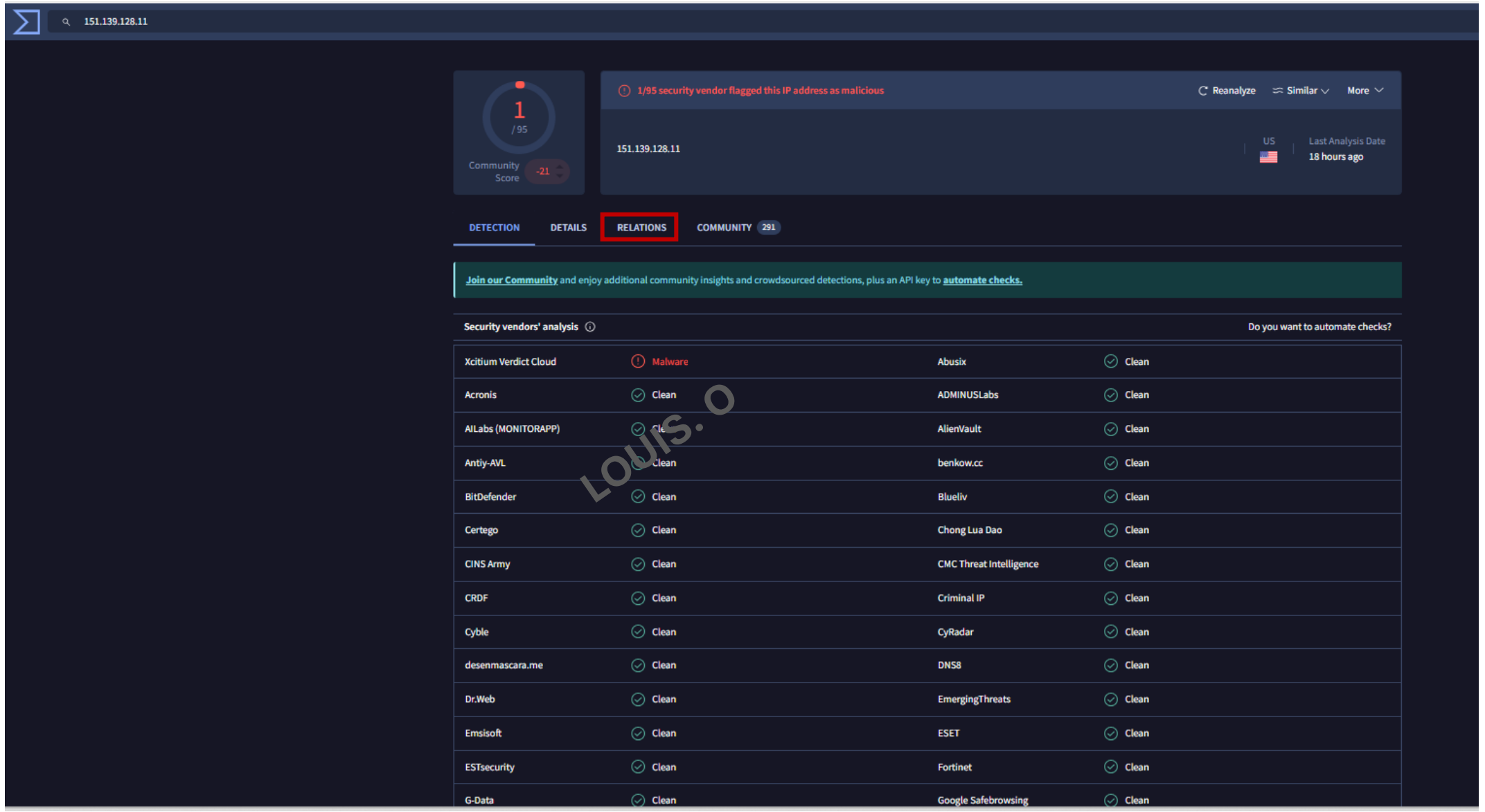
Join our Community and enjoy additional community insights and crowdsourced detections, plus an API key to automate checks.

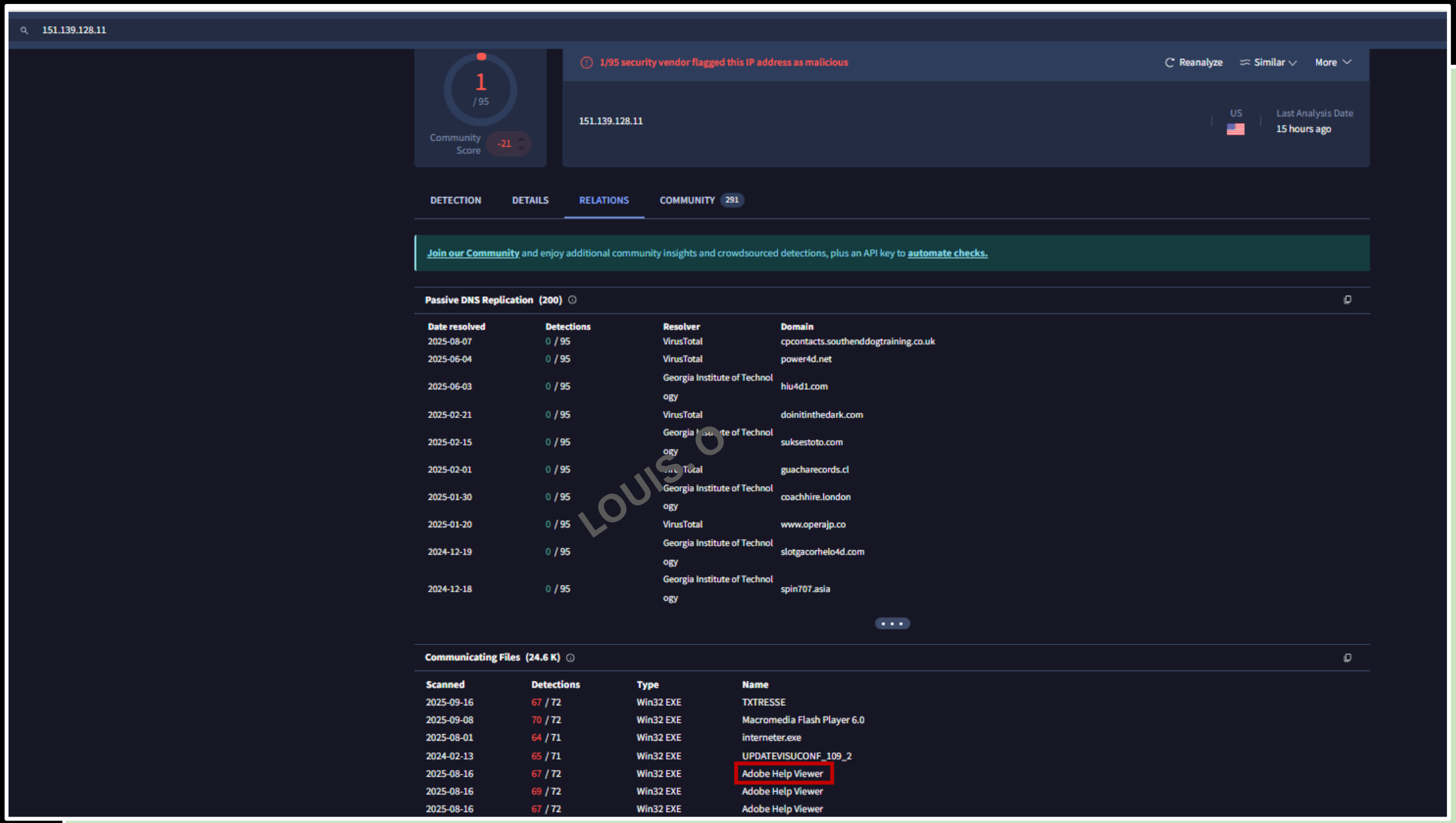
Security vendors' analysis

Do you want to automate checks?

Abusix	Clean	Acronis	Clean
ADMINUSLabs	Clean	AILabs (MONITORAPP)	Clean
AlienVault	Clean	alphaMountain.ai	Clean
Antiy-AVL	Clean	benkow.cc	Clean
BitDefender	Clean	Blueliv	Clean
Certego	Clean	Chong Lua Dao	Clean
CINS Army	Clean	CMC Threat Intelligence	Clean
CRDF	Clean	Criminal IP	Clean
Cyble	Clean	CyRadar	Clean
desenmascara.me	Clean	DNS8	Clean
Dr.Web	Clean	EmergingThreats	Clean
Emsisoft	Clean	ESET	Clean
ESTsecurity	Clean	Forcepoint ThreatSeeker	Clean
Fortinet	Clean	G-Data	Clean


reposepoint.com
0
/ 95
Community Score
1 detected file embedding this domain
Reanalyze
Similar
More
reposepoint.com
top-1M
Registrar
NAMECHEAP INC
Creation Date
6 years ago
Last Analysis Date
8 days ago
DETECTION
DETAILS
RELATIONS
COMMUNITY
Join our Community and enjoy additional community insights and crowdsourced detections, plus an API key to automate checks.
Passive DNS Replication (11)
Date resolved
Detections
Resolver
IP
2022-12-03
0 / 95
VirusTotal
104.19.154.92
2022-10-31
0 / 95
Georgia Institute of Technology
104.19.155.92
2022-10-01
0 / 95
VirusTotal
34.86.59.15
2022-08-25
0 / 95
Georgia Institute of Technology
34.121.194.18
2022-08-02
0 / 95
VirusTotal
104.196.162.239
2020-06-16
0 / 95
VirusTotal
35.208.103.169
2020-06-13
1 / 95
VirusTotal
151.139.128.11
2020-06-05
0 / 95
VirusTotal
63.250.43.4
2020-06-05
0 / 95
VirusTotal
63.250.43.3
2019-12-09
0 / 95
VirusTotal
23.227.38.32
Subdomains (14)
staging29.reposepoint.com
0 / 95
35.208.103.169
staging26.reposepoint.com
0 / 95
35.208.103.169
staging27.reposepoint.com
0 / 95
35.208.103.169
authsmtp.reposepoint.com
0 / 95
35.208.103.169
staging20.reposepoint.com
0 / 95
35.208.103.169
mailserver.reposepoint.com
0 / 95
35.208.103.169
mvideo.reposepoint.com
0 / 95
35.208.103.169


151.139.128.11
1
/ 95
Community Score
-21
1/95 security vendor flagged this IP address as malicious
Reanalyze
Similar
More
151.139.128.11
US
Last Analysis Date
18 hours ago
DETECTION
DETAILS
RELATIONS
COMMUNITY 291
Join our Community and enjoy additional community insights and crowdsourced detections, plus an API key to automate checks.
Security vendors' analysis
Do you want to automate checks?
Xcitium Verdict Cloud Malware
Abusix Clean
Acronis Clean
ADMINUSLabs Clean
AlLabs (MONITORAPP) Clean
AlienVault Clean
Antiy-AVL Clean
benkow.cc Clean
BitDefender Clean
Blueliv Clean
Certego Clean
Chong Lua Dao Clean
CINS Army Clean
CMC Threat Intelligence Clean
CRDF Clean
Criminal IP Clean
Cyble Clean
CyRadar Clean
desenmascara.me Clean
DNS8 Clean
Dr.Web Clean
EmergingThreats Clean
Emsisoft Clean
ESET Clean
ESTsecurity Clean
Fortinet Clean
G-Data Clean
Google Safebrowsing Clean


151.139.128.11
1
/ 95
Community Score
-21
1/95 security vendor flagged this IP address as malicious
Reanalyze
Similar
More
151.139.128.11
US
Last Analysis Date
15 hours ago
DETECTION
DETAILS
RELATIONS
COMMUNITY 291
Join our Community and enjoy additional community insights and crowdsourced detections, plus an API key to automate checks.
Passive DNS Replication (200)
Date resolved | Detections | Resolver | Domain
2025-08-07 | 0 / 95 | VirusTotal | cpcontacts.southenddogtraining.co.uk
2025-06-04 | 0 / 95 | VirusTotal | power4d.net
2025-06-03 | 0 / 95 | Georgia Institute of Technology | hiu4d1.com
2025-02-21 | 0 / 95 | VirusTotal | doinitinthedark.com
2025-02-15 | 0 / 95 | Georgia Institute of Technology | suksestoto.com
2025-02-01 | 0 / 95 | VirusTotal | guacharecords.cl
2025-01-30 | 0 / 95 | Georgia Institute of Technology | coachhire.london
2025-01-20 | 0 / 95 | VirusTotal | www.operajp.co
2024-12-19 | 0 / 95 | Georgia Institute of Technology | slotgacorhelo4d.com
2024-12-18 | 0 / 95 | Georgia Institute of Technology | spin707.asia
Communicating Files (24.6 K)
Scanned | Detections | Type | Name
2025-09-16 | 67 / 72 | Win32 EXE | TXTRESSE
2025-09-08 | 70 / 72 | Win32 EXE | Macromedia Flash Player 6.0
2025-08-01 | 64 / 71 | Win32 EXE | interneter.exe
2024-02-13 | 65 / 71 | Win32 EXE | UPDATEVISUCONF_109_2
2025-08-16 | 67 / 72 | Win32 EXE | Adobe Help Viewer
2025-08-16 | 69 / 72 | Win32 EXE | Adobe Help Viewer
2025-08-16 | 67 / 72 | Win32 EXE | Adobe Help Viewer

16b000bce3d96d36948744438548908471967 6afba4d

67 / 72

Community Score -60

67/72 security vendors flagged this file as malicious

Reanalyze Similar More

00001dd58b69582cc30a16b000bce3d96d36948744438548908471967 6afba4d

TXTRESSE

Size 89.00 KB

Last Analysis Date 22 days ago

EXE

peexe checks-user-input checks-usb-bus runtime-modules malware direct-cpu-clock-access spreader long-sleeps checks-network-adapters detect-debug-environment

DETECTION DETAILS RELATIONS BEHAVIOR COMMUNITY 16+

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Popular threat label virus.ramnit/nimnul

Threat categories virus

Family labels ramnit nimnul rmndrp

Security vendors' analysis

Do you want to automate checks?

AhnLab-V3	Win32/Ramnit.B	Alibaba	Virus:Win32/Ramnit.gen2
AliCloud	Virus:Win/Ramnit	ALYac	Win32.Ramnit
Antiy-AVL	Virus/Win32.Nimnul.a	Arcabit	Win32.Ramnit
Arctic Wolf	Unsafe	Avast	Win32:RmnDrp [Inf]
AVG	Win32:RmnDrp [Inf]	Avira (no cloud)	W32/Ramnit.CD
Baidu	Win32.Virus.Nimnul.a	BitDefender	Win32.Ramnit
Bkav Pro	W32.RammitNNA.PE	ClamAV	Win.Trojan.Ramnit-1847
CrowdStrike Falcon	Win/malicious_confidence_100% (W)	CTX	Exe.virus.ramnit
Cynet	Malicious (score: 100)	DeepInstinct	MALICIOUS
DrWeb	Win32.Rmnet	Elastic	Malicious (high Confidence)
Emsisoft	Win32.Ramnit (B)	eScan	Win32.Ramnit
ESET-NOD32	Win32/Ramnit.A	Fortinet	W32/Ramnit.A
GData	Win32.Virus.Ramnit.C	Google	Detected

Mitigation & Recommendations

- Block all malicious IPs, URLs, and domains on email gateways and firewalls.

- Quarantine and delete identified phishing emails from user inboxes.

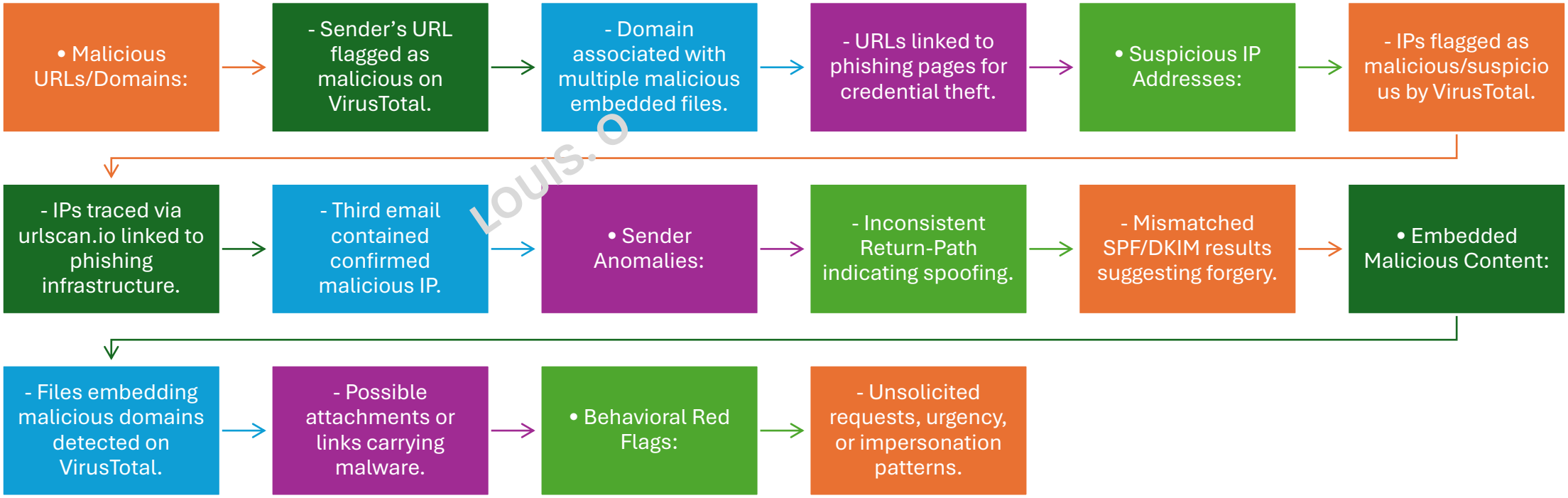
- Keep antivirus, EDR, and spam filters up to date with latest signatures.

- Enforce SPF, DKIM, and DMARC to prevent email spoofing.

- Conduct regular phishing awareness training for employees.

- Monitor IOCs in SIEM tools and review access logs for suspicious activity.

Indicators of Compromise (IOCs)




Thank You