

DNS Intelligence Report

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DNS & Trust Posture:

STRONG (Monitoring)

⌚ 1 monitoring

Email controls present but some in monitoring mode. DNSSEC not configured.

EMAIL SPOOFING

Protected

BRAND IMPERSONATION

Protected

DNS TAMPERING

Enterprise

CERTIFICATE CONTROL

Configured**⌚ Monitoring**

DANE not available on Google Workspace — deploy MTA-STS as the recommended transport security alternative

✓ Configured

DMARC (email spoofing protection), DKIM (4 selector(s), 2048-bit), CAA (certificate issuance restricted), BIMI (brand logo configured)

- Not Configured

DNSSEC (DNS response signing), MTA-STS (email TLS policy), TLS-RPT (TLS delivery reporting)

REGISTRAR (RDAP)**Markmonitor Inc.**

Where you pay to own domain

WEB HOSTING**Cloudflare**

Where website is hosted

EMAIL SERVICE PROVIDER**Google Workspace**

Email: Enabled

DNS HOSTING**Azure DNS** Enterprise

Where DNS records are edited

Email Security

Can this domain be impersonated by email?

No**Verdict:** DMARC policy is reject - spoofed messages will be blocked by receiving servers. DKIM keys

verified with strong cryptography.

✉ SPF Record i RFC 7208

Success -all 5/10 lookups

SPF valid with strict enforcement (-all), 5/10 lookups

```
v=spf1 include:_spf.google.com include:spf.protection.outlook.com
include:8050860.spf04.hubspotemail.net include:mktomail.com include:spf_c.oraclecloud.com -all
```

⚠ RFC 7489 §10.1: -all may cause rejection before DMARC evaluation, preventing DKIM from being checked

⚠ **SPF hard fail (-all): compliance-strong, but can short-circuit DMARC.** RFC 7489 §10.1 notes that -all can cause some receivers to reject mail during the SMTP transaction — before DKIM is checked and before DMARC can evaluate the result. A message that would pass DMARC via DKIM alignment may be rejected prematurely. For most domains, ~all + DMARC p=reject is the strongest compatible posture — it ensures every authentication method (SPF, DKIM, DMARC) is fully evaluated before a decision is made.

DMARC is set to reject — enforcement is strong. However, some receivers

🔒 DMARC Policy i RFC 7489

Success p=reject

DMARC policy reject (100%) - excellent protection

```
v=DMARC1; p=reject; rul
a=mailto:tdfyvl0n@ag.dmarcian.com; ruf=mailto:tdfyvl0n@fr.dmarcian.com; fo=1; aspf=r
```

Alignment: SPF relaxed

DKIM relaxed

⚠ No np= tag (DMARCbis) — non-existent subdomains inherit p= policy but adding np=reject provides explicit protection against subdomain spoofing

⚠ Forensic reports (ruf) configured - many providers ignore these

🛡 Reported to Dmarcian

🔑 DKIM Records i RFC 6376

Found 2048-bit

Found DKIM for 4 selector(s) with strong keys (2048-bit)

✓ s2._domainkey SendGrid
2048-bit

```
k=rsa; t=s; p=MIGfMA0G
CSqGSIB3DQEBAQUAA4GNAD
CBiQKBgQDWLwD1B3/Mub6n
qAlomkKrshuWid0wJCX/fi
+1HKA1evbVx6GyKc0T9WvM
Fnrfi/jMVKrPIVDa6SeXkj
7Yd/WjMzymadu3NcNgHhT1
Y3zLCqZu61wu3iqrVxMBX9
22/tcKjBMxwsczI8+dyuVQ
rShrrE5YfGVLVSnbhcTMPP
+wRQIDAQAB
```

✓ selector1._domainkey Microsoft 365
2048-bit

```
v=DKIM1; k=rsa; p=MIGf
MA0GCSqGSIb3DQEBAQUAA4
GNADCBiQKBgQDBeqr8SdKZ
1BqqiHxOtfPitBrMTPJe8U
C0FpFtF77CvyabfPqhUhN1
N/HHstzLKq17IAcWpTln
Z//d8QZrmj+xxEo7ZGAvgRp
5HneG08qUIz1Ks4AdrvzfW
A5yOFk9FLX/5otbtmjGPmy
npi3JQLsez9Kf77Rd6U9XP
N2rb7fgwIDAQAB;
```

✓ google._domainkey Google Workspace
2048-bit

may still reject messages on
SPF hard fail before DKIM
alignment is checked.
Switching to ~all + p=reject
would provide the same
enforcement with full
DMARC compatibility.

v=DKIM1; k=rsa; p=MIGf
MA0GCSqGSIb3DQEBAQUAA4
GNADCBiQKBgQC EWYrzXyOS
GkTNJiMCNFZ3715I9vNAUQ
1iUAmkTq/Kh9uZ/vVFTuYn
okoakWwwkh/06vftmPEhqAE
+sLLJAnoOeETUodcQT52EB
CEYVV1T9rogJb05kqjWxDJ
LNspH8vf1Yf3tmWQnVTY8u
kqVjONL2NJDcw8H4328bHJ
w0CQxFwwIDAQAB

✓ s1._domainkey SendGrid

k=rsa; t=s; p=MIIBIjAN
BgkqhkiG9w0BAQEFAOCAQ
8AMIIIBCgKCAQEA3uq4fmmi
XKekB7U0J1k1M1e3/S4h2K
jDI8Pkk1M3aUQ1B1D1ZJso
5RhIsnrv2tCs6LgQXxHu0m
L8IaHZl90TdDuxhu+hhKch
PvCODWkhCW0T+05dGdKzE8
0icL5xGIKBP3BMFu7s7DrP
9r+E1qZACvvwoEECj3wzdd
Buim6czFcEwoyon16QSFZk
y/LWy4zrbmmng" "Y1VFNP
y whole string continues here

 MTA-STS [RFC 8461](#)

Warning

No MTA-STS record found

 TLS-RPT [RFC 8460](#)

Warning

No TLS-RPT record found

Email Security Management ✓ Actively Managed

Q Intelligence: This domain uses dedicated email security management — indicating continuous monitoring and professional oversight, not a "set and forget" configuration. Most tools ignore reporting destinations; we extract the operational security partner network directly from DNS.

Dmarcian

DMARC

› DMARC aggregate reports (rua)

Brand Security

Can this brand be convincingly faked? No

Verdict: Attackers cannot easily spoof your logo or obtain fraudulent TLS certificates.

 BIMI [BIMI Spec](#)

Success

 VMC

✓ SVG

BIMI with VMC certificate (from Verified CA)

✓ **VMC certificate accessible (from Verified CA) - logo displays in Gmail, Apple Mail, and all major providers.**

```
v=BIMI1;l=https://openai.com/.well-known/bimi/openai_opco_llc_1207717866.svg;a=https://openai.com/.well-known/bimi/openai_opco_llc_1207717866.pem
```



✓ Logo validated (SVG)
[View full logo](#)

 CAA [RFC 8659](#)

Success

CAA configured - only Let's Encrypt, Amazon, cansignhttpexchanges=yes, DigiCert, Sectigo, godaddy.com can issue certificates (including wildcards)

Authorized CAs: Let's Encrypt Amazon

cansignhttpexchanges=yes DigiCert Sectigo
godaddy.com

0 issuewild "sectigo.com"

0 issue "pki.goog; cansignhttpexchange s=yes"

0 issue "godaddy.com"

0 issue "letsencrypt.org"

0 issue "amazon.com"

0 issue "sectigo.com"

0 issue "digicert.com; cansignhttpexchanges=yes"

0 issuewild "letsencrypt.org"

0 issuewild "digicert.com; cansignhttpexchanges=yes"

0 issuewild "pki.goog; cansignhttpexchanges=yes"

0 issuewild "amazon.com"

🌐 Since September 2025, all public CAs must verify domain control from multiple geographic locations (Multi-Perspective Issuance Corroboration, CA/B Forum Ballot SC-067). CAA records are now checked from multiple network perspectives before certificate issuance.

DANE / TLSA RFC 7672 RFC 6698 Not Available

DANE not available — Google Workspace does not support inbound DANE/TLSA on its MX infrastructure

DANE not deployable on Google Workspace

Google uses shared, multi-tenant MX infrastructure (aspmx.l.google.com) with certificate rotation. Google does not publish TLSA records for its MX hosts and does not allow customers to do so. Google also does not validate DANE/TLSA when sending outbound mail.

Recommended alternative: MTA-STS

Email Transport Security

Two mechanisms protect email in transit. DANE is the primary standard; MTA-STS is the alternative for domains that cannot deploy DNSSEC:

- **DNSSEC + DANE** ([RFC 7672](#)) — Cryptographic chain of trust from DNS root to mail server certificate. Eliminates reliance on certificate authorities. No trust-on-first-use weakness. Requires DNSSEC.
- **MTA-STS** ([RFC 8461](#)) — HTTPS-based policy requiring TLS for mail delivery. Works without DNSSEC but relies on CA trust and is vulnerable on first use ([§10](#)). Created for domains where "deploying DNSSEC is undesirable or impractical" ([§2](#)).

This domain has neither DANE nor MTA-STS. Since Google Workspace does not support inbound DANE, deploy MTA-STS ([RFC 8461](#)) to enforce TLS and protect against downgrade attacks.

Industry trend: Microsoft Exchange Online enforces inbound DANE with DNSSEC (GA October 2024), and providers like Proton Mail and Fastmail also support DANE. Google Workspace does not support DANE and relies on MTA-STS. Both mechanisms coexist because DANE is backward-compatible — senders skip the check if the domain isn't DNSSEC-signed ([RFC 7672 §1.3](#)).

Domain Security

Can DNS itself be tampered with?

Partially

 **Verdict:** Delegation is verified but DNS responses are unsigned and could be spoofed.

DNSSEC i RFC 4033 Unsigned

DNSSEC not configured - DNS responses are unsigned

 **Alternative Security:** Azure DNS provides enterprise-grade DNS with DDoS protection and monitoring.

✓ Azure DNS (enterprise DNS with DDoS protection), CAA records (certificate issuance control)

✓ **Multi-Resolver Verification:** Consensus reached - 4 resolvers (Cloudflare, Google, Quad9, OpenDNS) agree on DNS records

NS Delegation Verified

4 nameserver(s) configured

Nameservers:

ns1-02.azure-dns.com

ns2-02.azure-dns.net

ns3-02.azure-dns.org

ns4-02.azure-dns.info

Traffic & Routing Where traffic flows & how services resolve

A IPv4 Address

172.64.154.211

104.18.33.45

Where the domain points for web traffic

MX Mail Servers

10 alt3.aspmx.l.google.com.

1 aspmx.l.google.com.

10 alt4.aspmx.l.google.com.

5 alt2.aspmx.l.google.com.

5 alt1.aspmx.l.google.com.

AAAA IPv6 Address

- No AAAA records

IPv6 not configured

SRV Services

- No SRV records

No service-specific routing configured

⚠ Legacy setup: Google Workspace now only needs 1 MX record (smtp.google.com). You can simplify by removing the extra 4 records.

Web: Reachable (2 IPv4, 0 IPv6) **Mail:** 5 servers **Services:** None

Δ Changes Detected: Resolver ≠ Authoritative (TTL / CDN rotation / recent change)

Risk: Low - typically resolves within TTL

Real-time propagation comparison | See exactly what public resolvers return vs. what your authoritative nameserver has. Spot propagation delays, stale cache, and DNS misconfigurations instantly.

Live DNS Diff

DNS Evidence Diff Side-by-side comparison

Resolver Records (Public DNS cache)		Authoritative Records (Source of truth)	
A	✓ Synchronized	TTL 60s	2 / 2 records
172.64.154.211		172.64.154.211	
104.18.33.45		104.18.33.45	
AAAA		0 / 0 records	
No records		No records	
MX		RFC 5321	✓ Synchronized
		TTL 10023s	
10 alt3.aspmx.l.google.com.		1 aspmx.l.google.com.	
1 aspmx.l.google.com.		5 alt1.aspmx.l.google.com.	
10 alt4.aspmx.l.google.com.		10 alt3.aspmx.l.google.com.	
5 alt2.aspmx.l.google.com.		5 alt2.aspmx.l.google.com.	
5 alt1.aspmx.l.google.com.		10 alt4.aspmx.l.google.com.	
TXT		RFC 7208	✓ Synchronized
		TTL 21481s	
google-site-verification=BDCE3pq03BG5T5jWaEmQl10f5gqe3GAXgjyV0pmA5J0		mgverify=22d53df776e7e9198e72a000c4056f5ba1624b8f2a50e3d0f4925fce15bb5d4	
canva-site-verification=3pgWM7c4EwmBo5rsy9b2Mg		atlassian-domain-verification=xdHUKPdNqeX/XU/VMgIRWfzqvhwWmcHR1DhX2J3JllvjIY3A0Aw9Ctst0DXGIgt	
openai-domain-verification=dv-un30neQJyISDPkxgKgArFtEc		parsec-domain-verification=td_30Hu4AtBG9pDT9HTJCFK42bxN3q	
MS=ms50231473		whimsical=a3593eda7e8523a75b01fd953cac04549faefe0c	
calendly-site-verification=fBZScJDPHrHKIWIB9dKdryZqPPcCkxGISR8z5xSdX		hiAwXiKX20HcM9FtFK90WRyUFLSV1w	

onetrust-domain-verification=7acf44f596f84700bc82bfaaeb9b388c	notion-domain-verification=GZFd3LQ77QuL3XKYZT6BmKDkFfmbiAorjzDIdvLRd6
linear-domain-verification=83vxugur897f	onetrust-domain-verification=7acf44f596f84700bc82bfaaeb9b388c
airalo-domain-verification=xFzIMCLQ9JTlUFK	uber-domain-verification=77dfb7a6-1534-4c1b-a4e2-ba173fa8e9a3
whimsical=a3593eda7e8523a75b01fd953cac04549faefe0c	hubspot-developer-verification=NDFmMGNmMTYtZWYxNS00YTNlLWFkM2ItMjEwYzhmYTk0NTNi
ms-domain-verification=a14381d7-1e61-4cbf-97fa-4ac14336f0cf	ms-domain-verification=a14381d7-1e61-4cbf-97fa-4ac14336f0cf
pylon-domain-verification-na3cfk=bYVknYT5uGxjut616RQY8fCHj	airtable-verification=dea7eaaa4d90e623ec30a9b2fa12ca5f
parsec-domain-verification=td_30Hu4AtBG9pDT9HTJCFK42bxN3q	onetrust-domain-verification=6bfaeb2a9cd438bad3b7b30e745f3ed
twilio-domain-verification=c7745eae53aa58c5874d7a8508c510bc	miro-verification=0ee819554f4ff63f853affdf30d1cf76a15c6846
google-site-verification=dU3pms6hgznfQnTCxkcq6P4jGjd8LMra0v429l4oElA	linear-domain-verification=83vxugur897f
google-site-verification=9sG4lDm5hmXEmnw pVGkId_ftzq-b84TYi0rwy9J-f9s	dropbox-domain-verification=mra9n6toqbqj
v=spf1 include:_spf.google.com include:s pf.protection.outlook.com include:805086 0.spf04.hubspotemail.net include:mktomai l.com include:spf_c.oraclecloud.com -all	box-domain-verification=e2ecedff7ea6f02 e5f7a4afdbb83e2892f81db3acd85ff600633ad7 6096d459
uber-domain-verification=77dfb7a6-1534-4c1b-a4e2-ba173fa8e9a3	google-site-verification=BDCE3pq03BG5T5j WaEmQl10f5gqe3GAXgjyV0pmA5Jo
uber-domain-verification=faf07776-4ec9-4fd0-9ac5-2a6f8c514318	apple-domain-verification=EgaXvYuVUgRwJT k3
stripe-verification=b1d42b65d1782470604a6dbb360e9dfe8bd7426974e5110605e86b22d945288d	ZOOM_verify_Ji3Vec0DDwjBgU1GccqGAC

dropbox-domain-verification=mra9n6toqbqj	smartsheet-site-validation=b4J2lcr0i94a3_8qW2jIQxWjyqlGUmF1
box-domain-verification=e2ecedffb7ea6f02e5f7a4afdbb83e2892f81db3acd85ff600633ad76096d459	v=spf1 include:_spf.google.com include:s pf.protection.outlook.com include:8050860.spf04.hubspotemail.net include:mktomai l.com include:spf_c.oraclecloud.com -all
mgverify=22d53df776e7e9198e72a000c4056f5ba1624b8f2a50e3d0f4925fce15bb5d4	calendly-site-validation=fBZScJDPhRHKIWIB9dKdryZqPPcCkxGISR8z5xSdX
atlassian-domain-verification=Q2BUDjXbr3zZaNR0Q1MyCjvItM31fbzhL/GR5YEn96BAAYQzrQfkxaxxC2qj/s5	google-site-verification=dU3pms6hgznfQnTCxkcq6P4jGjd8LMra0v429l4oElA
hubspot-developer-verification=NDFmMGNmMTYtZWYxNS00YTNlLWFkM2ItMjEwYzhmYTk0NTNi	airalo-domain-verification=xFzIMCLQ9JTLUFK
smartsheet-site-validation=b4J2lcr0i94a3_8qW2jIQxWjyqlGUmF1	stripe-verification=b1d42b65d1782470604a6dbb360e9dfe8bd7426974e5110605e86b22d945288d
airtable-verification=dea7aaaa4d90e623ec30a9b2fa12ca5f	docker-verification=e315e0c2-f866-4bec-a0c-844fa287bbec
ZOOM_verify_Ji3Vec0DDwjBgU1GccqGAC	atlassian-domain-verification=Q2BUDjXbr3zZaNR0Q1MyCjvItM31fbzhL/GR5YEn96BAAYQzrQfkxaxxC2qj/s5
figma-domain-verification=274542735efe890a700405d9916de07a971b531a0d1595c237b09d68770feb4-1762810003	figma-domain-verification=274542735efe890a700405d9916de07a971b531a0d1595c237b09d68770feb4-1762810003
hiAwXiKX20HcM9FtFK90WRyUFLSV1w	tukj3psjdk
onetrust-domain-verification=6bfaeb2a9cd4f438bad3b7b30e745f3ed	twilio-domain-verification=c7745eae53aa58c5874d7a8508c510bc
jamf-site-verification=2ysWIpJrXk040kW1SNc8Qg	pylon-domain-verification-na3cfk=bYVknYT5uGxjut616RQY8fCHj
tukj3psjdk	MS=ms50231473
miro-verification=0ee819554f4ff63f853affdf30d1cf76a15c6846	canva-site-verification=3pgWM7c4EwmBo5rsy9b2Mg

wrike-verification=NjMwNjgwMjo0NmU2YjQ1NjgzNGJkN2M3MmYwNWUyMTNh0WUw0GY00TQxYjB1NWJmZTEwYjYz0WU5MDNlMDlkYzAxNGZlZDRh	openai-domain-verification=dv-un30neQJyISDPkxgKgArFtEc
docker-verification=e315e0c2-f866-4bec-ac0c-844fa287bbec	postman-domain-verification=dc3e890ca92455e54d07dcec9ea8404fc401b0a5a900dfb759062cd1dc68b28f7bc7db58254e4936ff8a9303f38cb9719e1af16757b09e0067c635510c90cde8
postman-domain-verification=dc3e890ca92455e54d07dcec9ea8404fc401b0a5a900dfb759062cd1dc68b28f7bc7db58254e4936ff8a9303f38cb9719e1af16757b09e0067c635510c90cde8	wrike-verification=NjMwNjgwMjo0NmU2YjQ1NjgzNGJkN2M3MmYwNWUyMTNh0WUw0GY00TQxYjB1NWJmZTEwYjYz0WU5MDNlMDlkYzAxNGZlZDRh
atlassian-domain-verification=xdHUKPdNqeX/XU/VMgIRWfzqvhwWmcHR1DhX2J3JllvjIY3A0Aw9Ctst0DXGIgt	uber-domain-verification=faf07776-4ec9-4fd0-9ac5-2a6f8c514318
notion-domain-verification=GZFdn3LQ77QuL3XKYZT6BmKDkFfmbiAorjzDIdvLRd6	google-site-verification=9sG4lDm5hmXEmnwpVGkId_ftzq-b84TYi0rwy9J-f9s
apple-domain-verification=EgaXvYuVUgRwJTk3	jamf-site-verification=2ysWIpJrXk040kW1SNc8Qg
NS RFC 1035 同步 TTL 600s 4 / 4 records	
ns1-02.azure-dns.com.	ns1-02.azure-dns.com.
ns3-02.azure-dns.org.	ns2-02.azure-dns.net.
ns4-02.azure-dns.info.	ns3-02.azure-dns.org.
ns2-02.azure-dns.net.	ns4-02.azure-dns.info.
CAA RFC 8659 Propagating TTL 181s 11 / 11 records	
0 issuewild "sectigo.com"	0 issuewild "letsencrypt.org"
0 issuewild "digicert.com; cansignhttpex changes=yes"	0 issue "amazon.com"
0 issuewild "pki.goog; cansignhttpexchanges=yes"	0 issue "digicert.com; cansignhttpexchanges=yes"

0 issuewild "amazon.com"	0 issue "godaddy.com"
0 issuewild "letsencrypt.org"	0 issue "letsencrypt.org"
0 issue "godaddy.com"	0 issue "pki.goog; cansignhttpexchanges=yes"
0 issue "pki.goog; cansignhttpexchanges=yes"	0 issue "sectigo.com"
0 issue "sectigo.com"	0 issuewild "sectigo.com"
0 issue "amazon.com"	0 issuewild "pki.goog; cansignhttpexchanges=yes"
0 issue "digicert.com; cansignhttpexchanges=yes"	0 issuewild "digicert.com; cansignhttpexchanges=yes"
0 issue "letsencrypt.org"	0 issuewild "amazon.com"
SOA RFC 1035  Synchronized	TTL 600s 1 / 1 records
ns1-02.azure-dns.com. azuredns-hostmaster.microsoft.com. 1 3600 300 2419200 300	ns1-02.azure-dns.com. azuredns-hostmaster.microsoft.com. 1 3600 300 2419200 300
DMARC _dmarc.openai.com RFC 7489  Synchronized	TTL 86400s 1 / 1 records
v=DMARC1; p=reject; rua=mailto:tdfyvl0n@ag.dmarcian.com; ruf=mailto:tdfyvl0n@fr.dmarcian.com; fo=1; aspf=r	v=DMARC1; p=reject; rua=mailto:tdfyvl0n@ag.dmarcian.com; ruf=mailto:tdfyvl0n@fr.dmarcian.com; fo=1; aspf=r
MTA-STS _mta-sts.openai.com RFC 8461	0 / 0 records
No records	No records
TLS-RPT _smtp._tls.openai.com RFC 8460	0 / 0 records
No records	No records

Subdomain Discovery

RFC 6962

🛡️ Passive discovery using **Certificate Transparency Logs** — publicly auditable records of every TLS certificate ever issued. CT log query returned status 503

Confirm Your Email Configuration



This tool analyzes DNS records, but to verify actual email delivery, send a test email to [Red Sift Investigate ↗](#). Their tool shows exactly how your emails arrive, including SPF/DKIM/DMARC pass/fail results in the headers.

Report reflects evaluated DNS security posture at time of generation.

Made by [IT Help San Diego Inc.](#)

Need help with DNS? Call [619-853-5008](#)