

DNS Intelligence Report

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DNS & Trust Posture:

SECURE

All security controls enforced including DNSSEC.

✓ Configured

DMARC (email spoofing protection), DNSSEC (DNS responses signed), MTA-STS (policy present), TLS-RPT (reporting configured), BIMI (brand logo configured)

REGISTRAR (WHOIS)

Amazon Registr...

Where you pay to own domain

EMAIL SERVICE PROVIDER

Google Works...

Where email is hosted (MX)

WEB HOSTING

AWS / Amazon

Where website is hosted

DNS HOSTING

Amazon Route ...

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.

✉ SPF Record i RFC 7208**Success****~all****1/10 lookups**

SPF valid with soft fail (~all), 1/10 lookups

```
v=spf1 include:_u.it-hel
p.tech._spf.smart.ondmar
c.com ~all
```

🔒 DMARC Policyi RFC 7489**Success****p=reject**

DMARC policy reject (100%) - excellent protection

```
v=DMARC1; p=reject; pct=
100; sp=reject; rua=mailto:
to:dc1e127b@inbox.ondmar
c.com; ruf=mailto:dc1e12
7b@inbox.ondmarc.com; ad
kim=r; aspf=r; fo=1; rf=
afrf; ri=3600
```

Alignment: **SPF relaxed****DKIM relaxed****sp=reject**

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

🔑 DKIM Recordsi RFC 6376**Found****2048-bit**

Found DKIM for 1 selector(s) with strong keys (2048-bit)

✓ google._domainkey**2048-bit**

```
v=DKIM1; k=rsa; p=MIIBIj
ANBgkqhkiG9w0BAQEFAAOCAQ
8AMIIIBCgKCAQEApb3onIiQsL
q6/SLBfl88zt4CsCwp56n2M3
GgAENKfVPV3s68+d6gQduuQA
02VL1VaAJU3XAh9gravPqZqe
v6Lt/qrGKYXUUcXRQ9zE3+Yc
JIMNGyP9xaId43TZ3szC6Q2D
NxqfOFNdnZfRv6p1KSGRlzfw
K4QaPxr66GRGKRvfadGtZS6E
8PhACYXgjshexZB76T9iUM4M
C3WteUl1NTr1nUsJeY6RdJhx
Gr9NKi00qHJ08MHmA73d6dYD
af+eBE4BX90ZgbghKvA+CYws
9WXVAwK4IUB3zj8a6Qh398tv
hIEwivkwD7x65rzsMl32iHiD
kp+alFQV4tFlc2wIm+hQIDAQ
AB
```

🛡 MTA-STSi RFC 8461**Success****ENFORCE****✓ Policy Verified**

MTA-STS enforced - TLS required for 1 mail server(s)

```
v=STSV1; id=1741123722267
```

Policy Details:

- Mode: **enforce**
- Max Age: 14 days (1209600 seconds)
- MX Patterns: smtp.google.com

📄 TLS-RPT i RFC 8460**Success**

TLS-RPT configured - receiving TLS delivery reports

```
v=TLSRPTv1; rua=mailto:dc1e127b@inbox.ondmarc.com;
```


Brand Security

Can this brand be convincingly faked? No

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



 BIMI Spec

Success

No VMC

✓ SVG

BIMI configured - logo validated (VMC recommended for Gmail)

 **BIMI works without VMC!** VMC (Verified Mark Certificate) requires a registered trademark. Small businesses can use BIMI with just a logo - it shows in Apple Mail and some providers. Gmail requires VMC.

```
v=BIMI1;l=https://www.it-help.tech/bimi-logo.svg
```



 Logo validated (SVG)

 [View full logo](#)



CAA

 RFC 8659

Success

IODEF

CAA configured - only Amazon, Let's Encrypt can issue certificates (including wildcards)

Authorized CAs: Amazon Let's Encrypt

0 issuewild "letsencrypt.org"

0 issue "letsencrypt.org"

0 issue "amazon.com"

0 iodef "mailto:hello@it-help.tech"

Domain Security

Can DNS itself be tampered with? No

Verdict: DNS responses are authenticated from the root downward. Delegation is verified.

DNSSEC RFC 4033

Sign

ECDSA P-256/SI

DNSSEC fully configured and validated - AD flag confirmed by resolver

Chain of trust: Root → TLD → Domain. DNS responses are authenticated and tamper-proof.

AD Flag: Validated - Resolver (8.8.8.8) confirmed cryptographic signatures

DS Record (at registrar):

```
12492 13 2 3F0538D5BA61D8D90ECBFBBF7B5B4050
8D00A794649CE949EA77FC8862E5531A
```

NS Delegation Verified

4 nameserver(s) configured

Nameservers:

ns-1117.awsdns-11.org

ns-1603.awsdns-08.co.uk

ns-4.awsdns-00.com

ns-529.awsdns-02.net

📍 Traffic & Routing Where traffic flows & how services resolve

A IPv4 Address

13.226.2.105

13.226.2.63

13.226.2.70

13.226.2.51

Where the domain points for web traffic

AAAA

IPv6 Address

2600:9000:21f8:7e00:13:842a:58c0:93a1

2600:9000:21f8:8200:13:842a:58c0:93a1

2600:9000:21f8:a200:13:842a:58c0:93a1

2600:9000:21f8:5000:13:842a:58c0:93a1

MX

Mail Servers

1 smtp.google.com.

Priority + mail server for email delivery

SRV

Services

— No SRV records
No service-specific routing configured

2600:9000:21f8:2
000:13:842a:58c
0:93a1

2600:9000:21f8:1
200:13:842a:58c
0:93a1

2600:9000:21f8:c
800:13:842a:58c
0:93a1

2600:9000:21f8:1
600:13:842a:58c
0:93a1

✓ IPv6 ready

🌐 Web: Reachable (4 IPv4, 8 IPv6) 📩 Mail: 1 server 🛡 Services: None

⟳ Δ Changes Detected: **A** **AAAA** Resolver ≠ Authoritative (TTL / CDN rotation / recent change)
⌚ Risk: Low - typically resolves within TTL

⟳ Live DNS Diff

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.

⟳ DNS Evidence Diff Side-by-side comparison

Resolver Records (Public DNS cache)	Authoritative Records (Source of truth)
A Propagating	4 / 4 records
13.226.2.105	13.226.251.45

13.226.2.63	13.226.251.125
13.226.2.70	13.226.251.106
13.226.2.51	13.226.251.104
AAAA	⌚ Propagating
2600:9000:21f8:7e00:13:842a:58c0:93a1	2600:9000:2201:600:13:842a:58c0:93a1
2600:9000:21f8:8200:13:842a:58c0:93a1	2600:9000:2201:e000:13:842a:58c0:93a1
2600:9000:21f8:a200:13:842a:58c0:93a1	2600:9000:2201:7e00:13:842a:58c0:93a1
2600:9000:21f8:5000:13:842a:58c0:93a1	2600:9000:2201:ae00:13:842a:58c0:93a1
2600:9000:21f8:2000:13:842a:58c0:93a1	2600:9000:2201:7600:13:842a:58c0:93a1
2600:9000:21f8:1200:13:842a:58c0:93a1	2600:9000:2201:3600:13:842a:58c0:93a1
2600:9000:21f8:c800:13:842a:58c0:93a1	2600:9000:2201:4600:13:842a:58c0:93a1
2600:9000:21f8:1600:13:842a:58c0:93a1	2600:9000:2201:f800:13:842a:58c0:93a1
MX	✔ Synchronized
1 smtp.google.com.	1 smtp.google.com.
TXT	✔ Synchronized
google-site-verification=qRV0IpeTmVGGCbCgy1bB4vsJpUXVSw1sXLSfPC01vgs	75fb54a0-061c-11f0-a839-09712ee48904
facebook-domain-verification=76rq4jzu9l70hfw98qkma7lgsougsg	apple-domain-verification=0Fr6C3CKU6a7VuF2KwsdLQpkMIPUrsSk8T6W-i5P3E
apple-domain-verification=0Fr6C3CKU6a7VuF2KwsdLQpkMIPUrsSk8T6W-i5P3E	facebook-domain-verification=76rq4jzu9l70hfw98qkma7lgsougsg
75fb54a0-061c-11f0-a839-09712ee48904	google-site-verification=BnjqY2BGRiD4dDcPTYt235UM40y0QR3p_DX-0fVfXVg