

DNS Intelligence Report

it-help.tech



DNS & Trust Posture:

SECURE

All security controls enforced including DNSSEC.

Findings Summary

Configured:

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

REGISTRAR (RDAP)

Amazon Regis...

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

RFC 7208

Success

~all

1/10 lookups

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

```
v=spf1 include:_u.it-help.tech._spf.smart.ondmarc.com ~all
```

🔒 DMARC Policy

RFC 7489

Success

p=reject

DMARC policy reject (100%) - excellent protection

```
v=DMARC1; p=reject; pct=100; sp=reject; rua=mailto:dc1e127b@inbox.ondmarc.com; ruf=mailto:dc1e127b@inbox.ondmarc.com; adkim=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 Records

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=MIIBIjANBqkqhkiG9w0BAQEFAAOCAQ8AMIIIBCgKCAQEApb3onIiQsLq6/SLBf188zt4CsCwp56n2M3GgAENKfVPV3s68+d6gQduuQA02VL1VaAJU3XAh9gravPqZqe v6Lt/qrGKYXUUcXRQ9zE3+YcJIMNGyP9xaId43TZ3szC6Q2D Nxqf0FNdnZfRv6p1KSGR1zfW K4QaPxr66GRGKRvfaDGtZS6E 8PhACYXgjshexZB76T9iUM4M C3WteUl1NTr1nUsJeY6RdJhx Gr9NKi00qHJ08MHmA73d6dYD af+eBE4BX90ZgbghKvA+CYws 9WXVAwK4IUB3zj8a6Qh398tv hIEwivkwD7x65rZsMl32iHId kp+alFQV4tFlc2wIm+hQIDAQ AB
```

🛡 MTA-STS

RFC 8461

Success

ENFORCE

Policy Verified

RFC 8460

Success

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

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

TLS-RPT

TLS-RPT configured - receiving TLS delivery reports

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

Policy Details:

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

Brand Security

Can this brand be convincingly faked? No

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

 **BIMI** i BIMI Spec

Success

No VMC

✓ SVG

BIMI configured - logo validated (VMC recommended for Gmail)

i **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** i RFC 8659

Success

IODEF

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

Authorized CAs: Let's Encrypt Amazon

0 issue "letsencrypt.org"

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

0 issuewild "letsencrypt.org"

0 issue "amazon.com"

🛡️ Domain Security

Can DNS itself be tampered with? No

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

🔑 **DNSSEC** i [RFC 4033](#)

Signed

ECDSA P-256/SHA-256

NS Delegation

Verified

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
```

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

13.226.2.70

13.226.2.51

13.226.2.63

Where the domain points for web traffic

AAAA

IPv6 Address

2600:9000:21f8:9c00:13:842a:58c0:93a1

2600:9000:21f8:b00:13:842a:58c0:93a1

2600:9000:21f8:8a00:13:842a:58c0:93a1

2600:9000:21f8:7c00:13:842a: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:c
00:13:842a:58c0:
93a1

2600:9000:21f8:a
c00:13:842a:58c
0:93a1

2600:9000:21f8:8
400:13:842a:58c
0:93a1

2600:9000:21f8:4
e00:13:842a: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	13.226.251.104

13.226.2.70	13.226.251.125
13.226.2.51	13.226.251.106
13.226.2.63	13.226.251.45
AAAA	🕒 Propagating
2600:9000:21f8:9c00:13:842a:58c0:93a1	2600:9000:2201:9200:13:842a:58c0:93a1
2600:9000:21f8:bc00:13:842a:58c0:93a1	2600:9000:2201:1200:13:842a:58c0:93a1
2600:9000:21f8:8a00:13:842a:58c0:93a1	2600:9000:2201:ee00:13:842a:58c0:93a1
2600:9000:21f8:7c00:13:842a:58c0:93a1	2600:9000:2201:0:13:842a:58c0:93a1
2600:9000:21f8:c00:13:842a:58c0:93a1	2600:9000:2201:6e00:13:842a:58c0:93a1
2600:9000:21f8:ac00:13:842a:58c0:93a1	2600:9000:2201:5000:13:842a:58c0:93a1
2600:9000:21f8:8400:13:842a:58c0:93a1	2600:9000:2201:2400:13:842a:58c0:93a1
2600:9000:21f8:4e00:13:842a:58c0:93a1	2600:9000:2201:5800:13:842a:58c0:93a1
MX	✔ Synchronized
1 smtp.google.com.	1 smtp.google.com.
TXT	✔ Synchronized
v=spf1 include:_u.it-help.tech._spf.smar t.ondmarc.com ~all	75fb54a0-061c-11f0-a839-09712ee48904
google-site-verification=qRV0IpeTmVGGCbC gy1bB4vsJpUXVSw1sXLSfPC01vgs	apple-domain-verification=0Fr6C3CKU6a7Vu F2KwsdLQpksMIPUrsSk8T6W-i5P3E
apple-domain-verification=0Fr6C3CKU6a7Vu F2KwsdLQpksMIPUrsSk8T6W-i5P3E	facebook-domain-verification=76rq4jzu9l7 0hfw98qkma7lgsougs
75fb54a0-061c-11f0-a839-09712ee48904	google-site-verification=BnjqY2BGRiD4dDc PTYt235UM40y0QR3p_DX-0fVfXVg

google-site-verification=BnjqY2BGRiD4dDcPTYt235UM40y0QR3p_DX-0fVfXVg	google-site-verification=FaC0aC3UvT7d88w-4Vg0lNH2WdCV4FQ0mbf0_p25Nkc	
google-site-verification=FaC0aC3UvT7d88w-4Vg0lNH2WdCV4FQ0mbf0_p25Nkc	google-site-verification=qRV0IpeTmVGGCbCgy1bB4vsJpUXVSw1sXLSfPC01vgs	
openai-domain-verification=dv-u60z0qkvBe135qAUQSKYKNDU	openai-domain-verification=dv-u60z0qkvBe135qAUQSKYKNDU	
facebook-domain-verification=76rq4jzu9l70hfw98qkma7lgsougsg	v=spf1 include:_u.it-help.tech._spf.smar.tondmarc.com ~all	
NS ✓ Synchronized 4 / 4 records		
ns-1117.awsdns-11.org.	ns-1117.awsdns-11.org.	
ns-4.awsdns-00.com.	ns-1603.awsdns-08.co.uk.	
ns-1603.awsdns-08.co.uk.	ns-4.awsdns-00.com.	
ns-529.awsdns-02.net.	ns-529.awsdns-02.net.	