

DNS Analysis Results

it-help.tech



DNS & Trust Posture: **SECURE**

All security controls enforced including DNSSEC.

Findings Summary

- ✔ **Configured:**
- ✔ DNSSEC (DNS responses signed)
 - ✔ MTA-STS (policy present)
 - ✔ TLS-RPT (reporting configured)
 - ✔ BIMI (brand logo configured)

REGISTRAR (WHOIS)

Amazon Regi...

Where you pay to own domain

EMAIL SERVICE PROVIDER

Google Work...

Where email is hosted (MX)

WEB HOSTING

AWS / Amazon

Where website is hosted

DNS HOSTING

Amazon Rou...

Where DNS records are edited

🛡️ Email Security

Can this domain be impersonated by email? **No**

SPF Record **Success**

~all **1/10 lookups**

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

v=spf1 include:_u.it-

DMARC Policy **Success**

p=reject

DMARC policy reject (100%) - excellent protection

v=DMARC1; p=reject; p

DKIM Records **Found**

2048-bit

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

✔ google._domainkey

```
help.tech._spf.smart.ondmarc.com ~all
```

```
ct=100; sp=reject; rua=mailto:dc1e127b@inbox.ondmarc.com; ruf=mailto:dc1e127b@inbox.ondmarc.com; adkim=r; aspf=r; fo=1; rf=afrrf; ri=3600
```

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

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

2048-bit

```
v=DKIM1; k=rsa; p=MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEApb3onIiQsLq6/SLBfl88zt4CsCwp56n2M3GgAENKfVPV3s68+d6gQduuQA02VL1VaAJU3XAh9gravPqZqev6Lt/qrGKYXUUCXRQ9zE3+YcJIMNGyP9xaId43TZ3szC6Q2DNxqfOFNdnZfRv6pLKSGRlzfWK4QaPxr66GRGKRvfaDGtZS6E8PhACYXgjsheXZB76T9iUM4MC3WteU11NTr1nUsJeY6RdJhxGr9NKi00qHJO8MHmA73d6dYDaf+eBE4BX90ZgbghKvA+CYws9WXVAwK4IUB3zj8a6Qh398tvhIEwivkwD7x65rZsML32iHIdkp+alfQV4tFlc2wIm+hQIDAQAB
```

**MTA-STS****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****Success**

TLS-RPT configured - receiving TLS delivery reports

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

↔ SMTP Transport Security Error

Could not reach any of 1 mail server(s)

⚠ No mail servers responded on port 25

🌟 Brand Security

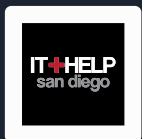
Can this brand be convincingly faked? No

BIMI (Brand Logo) 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 (Certificate Authority) Success IODEF

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

Authorized CAs: Let's Encrypt Amazon

```
0 issuewild "letsencrypt.org"
```

```
0 issue "amazon.com"
```

```
0 issue "letsencrypt.org"
```

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

Domain Security

Can DNS itself be tampered with?

No

🔑 DNSSEC Signed ECDSA P-256/SHA-256

DNSSEC fully configured - DNS responses are cryptographically signed and verified

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

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

13.226.2.70

13.226.2.63

13.226.2.51

13.226.2.105

Where the domain points for web traffic

AAAA IPv6 Address

2600:9000:21f8:ce00:13:842a:58c0:93a1

2600:9000:21f8:9a00:13:842a:58c0:93a1

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

2600:9000:21f8:e600:13:842a:58c0:93a1

2600:9000:21f8:6a00:13:842a: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

a:58c0:93a1

2600:9000:21f8:e000:13:842a:58c0:93a1

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

2600:9000:21f8:d400:13:842a:58c0:93a1

✓ IPv6 ready

🌐 Web: Reachable (4 IPv4, 8 IPv6)

✉ Mail: 1 server

⚙ Services: None

🔄 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.

🗄 Evidence: Resolver Records (Raw DNS data)

A 4 records

🕒 Still Propagating

13.226.2.70

13.226.2.63

🏢 Evidence: Authoritative Records (Direct from nameserver)

A 4 records

13.226.251.104

13.226.251.106

https://dnstool.it-help.tech/analyze

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13.226.2.51	13.226.251.45
13.226.2.105	13.226.251.125
<div>AAAA8 records</div> <div>Still Propagating</div>	<div>AAAA8 records</div>
2600:9000:21f8:ce00:13:842a:58c0:93a1	2600:9000:2201:2600:13:842a:58c0:93a1
2600:9000:21f8:9a00:13:842a:58c0:93a1	2600:9000:2201:f000:13:842a:58c0:93a1
2600:9000:21f8:9000:13:842a:58c0:93a1	2600:9000:2201:ac00:13:842a:58c0:93a1
2600:9000:21f8:e600:13:842a:58c0:93a1	2600:9000:2201:5a00:13:842a:58c0:93a1
2600:9000:21f8:6a00:13:842a:58c0:93a1	2600:9000:2201:600:13:842a:58c0:93a1
2600:9000:21f8:e000:13:842a:58c0:93a1	2600:9000:2201:b200:13:842a:58c0:93a1
2600:9000:21f8:7c00:13:842a:58c0:93a1	2600:9000:2201:c600:13:842a:58c0:93a1
2600:9000:21f8:d400:13:842a:58c0:93a1	2600:9000:2201:400:13:842a:58c0:93a1
<div>MX1 record</div> <div>Synchronized</div>	<div>MX1 record</div>
1 smtp.google.com.	1 smtp.google.com.

TXT 8 records

✔ Synchronized

75fb54a0-061c-11f0-a839-09712ee48904

google-site-verification=qRV0IpeTmVGGCbCgy1bB4vsJpUXVSw1sXLSfPC01vgs

apple-domain-verification=0Fr6C3CKU6a7VuF2KwsdLQpksMIPUrsSk8T6W-i5P3E

google-site-verification=BnjqY2BGRiD4dDcPTYt235UM40y0QR3p_DX-OfVfXVg

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

google-site-verification=FaC0aC3UvT7d88w-4Vg0LNH2WdCV4FQ0mbf0_p25Nkc

openai-domain-verification=dv-u60z0qkvBe135qAUQSKYKNDU

facebook-domain-verification=76rq4jzu9l70hfw98qkma7lgsougsq

NS 4 records

✔ Synchronized

ns-4.awsdns-00.com.

TXT 8 records

75fb54a0-061c-11f0-a839-09712ee48904

apple-domain-verification=0Fr6C3CKU6a7VuF2KwsdLQpksMIPUrsSk8T6W-i5P3E

facebook-domain-verification=76rq4jzu9l70hfw98qkma7lgsougsq

google-site-verification=BnjqY2BGRiD4dDcPTYt235UM40y0QR3p_DX-OfVfXVg

google-site-verification=FaC0aC3UvT7d88w-4Vg0LNH2WdCV4FQ0mbf0_p25Nkc

google-site-verification=qRV0IpeTmVGGCbCgy1bB4vsJpUXVSw1sXLSfPC01vgs

openai-domain-verification=dv-u60z0qkvBe135qAUQSKYKNDU

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

NS 4 records

ns-1117.awsdns-11.org.

ns-529.awsdns-02.net.

ns-1603.awsdns-08.co.uk.

ns-1117.awsdns-11.org.

CNAME No records

— No records found

💡 Tip: CNAMEs are usually on subdomains.
Try searching www.it-help.tech or another subdomain.

SRV No records

— No records found

ns-1603.awsdns-08.co.uk.

ns-4.awsdns-00.com.

ns-529.awsdns-02.net.

Report reflects evaluated DNS security posture at time of generation.

Made by IT Help San Diego Inc.