

DNS Analysis Results

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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

Verdict: DMARC policy is reject - spoofed messages will be blocked by receiving servers.

✉ SPF Record Success	🔒 DMARC Policy Success	🔑 DKIM Records Found
~all 1/10 lookups	p=reject	2048-bit
SPF valid with soft fail (~all), 1/10 lookups	DMARC policy reject (100%) - excellent protection	Found DKIM for 1 selector(s) with strong keys (2048-bit)
<pre>v=spf1 include:_u.it- help.tech._spf.smart. ondmarc.com ~all</pre>	<pre>v=DMARC1; p=reject; p ct=100; sp=reject; ru a=mailto:dc1e127b@inbox. onmarc.com; ruf=m ailto:dc1e127b@inbox. onmarc.com; adkim=r; aspf=r; fo=1; rf=afr f; ri=3600</pre>	✓ google._domainkey 2048-bit <pre>v=DKIM1; k=rsa; p=MII BIjANBgkqhkiG9w0BAQEF AA0CAQ8AMTIIBCgKCAQEAp b3onIiQsLq6/SLBfl88zt 4CsCwp56n2M3GgAENKfVP V3s68+d6gQduuQA02VL1V aAJU3XAh9gravPqZqev6L t/qrGKYXUUcXRQ9zE3+Yc JIMNGyP9xaId43TZ3szC6 Q2DNxqfOFNdNzfRv6plKS GR1zfWK4QaPxr66GRGKRv faDGtZS6E8PhACYXgjshe xZB76T9iUM4MC3WteUl1N Tr1nUsJeY6RdJhxGr9NKi 00qHJ08MHmA73d6dYDaf+ eBE4BX90ZgbghKvA+CYws 9WXVAwK4IUB3zj8a6Qh39 8tvhIEwivkwD7x65rZsMl 32iHIdkp+alfQV4tFlc2w Im+hQIDAQAB</pre>



MTA-STS

Success

ENFORCE

Policy Verified

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

v=STSV1; id=1741123722267



TLS-RPT

Success

TLS-RPT configured - receiving TLS delivery reports

```
v=TLSPRPTv1; 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 (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 issue "amazon.com"
```

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

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

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

Domain Security

Can DNS itself be tampered with? **No**

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

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	AAAA IPv6 Address	MX Mail Servers	SRV Services
13.226.2.105	2600:9000:21f 8:9200:13:842 a:58c0:93a1	1 smtp.google.com.	— No SRV records No service-specific routing configured
13.226.2.63	2600:9000:21f 8:ba00:13:842 a:58c0:93a1	Priority + mail server for email delivery	
13.226.2.51	2600:9000:21f 8:8000:13:842 a:58c0:93a1		
13.226.2.70	2600:9000:21f 8:6400:13:842 a:58c0:93a1		

Where the domain points for web traffic

2600:9000:21f
8:f400:13:842
a:58c0:93a1

2600:9000:21f
8:ae00:13:842
a:58c0:93a1

2600:9000:21f
8:8200:13:842
a:58c0:93a1

2600:9000:21f
8:b800:13:842
a:58c0:93a1

✓ 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

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

⌚ Evidence: Authoritative Records (Direct from nameserver)

A 4 records

13.226.2.105	13.226.251.45
13.226.2.63	13.226.251.104
13.226.2.51	13.226.251.125
13.226.2.70	13.226.251.106
AAAA 8 records	AAAA 8 records
2600:9000:21f8:9200:13:842a:58c0:93a1	2600:9000:2201:3400:13:842a:58c0:93a1
2600:9000:21f8:ba00:13:842a:58c0:93a1	2600:9000:2201:e00:13:842a:58c0:93a1
2600:9000:21f8:8000:13:842a:58c0:93a1	2600:9000:2201:2400:13:842a:58c0:93a1
2600:9000:21f8:6400:13:842a:58c0:93a1	2600:9000:2201:3000:13:842a:58c0:93a1
2600:9000:21f8:f400:13:842a:58c0:93a1	2600:9000:2201:8200:13:842a:58c0:93a1
2600:9000:21f8:ae00:13:842a:58c0:93a1	2600:9000:2201:9e00:13:842a:58c0:93a1
2600:9000:21f8:8200:13:842a:58c0:93a1	2600:9000:2201:b800:13:842a:58c0:93a1
2600:9000:21f8:b800:13:842a:58c0:93a1	2600:9000:2201:9800:13:842a:58c0:93a1

MX	1 record	
1 smtp.google.com.		
TXT	8 records	
apple-domain-verification=0Fr6C3CKU6a7VuF2KwsdLQpksMIPUrsSk8T6W-i5P3E		
75fb54a0-061c-11f0-a839-09712ee48904		
openai-domain-verification=dv-u60z0qkvBe135qAUQSKYKNDU		
facebook-domain-verification=76rq4jzu9l70hfw98qkma7lgsougsg		
v=spf1 include:_u.it-help.tech._spf.smart.ondmarc.com ~all		
google-site-verification=FaC0aC3UvT7d88w-4Vg0lNH2WdCV4FQ0mbf0_p25Nkc		
google-site-verification=qRV0IpeTmVGGCbCgy1bB4vsJpUXVSw1sXLSfPC01vgs		
google-site-verification=BnjqY2BGRiD4dDcPTYt235UM40y0QR3p_DX-0fVfXVg		
MX	1 record	
1 smtp.google.com.		
TXT	8 records	
75fb54a0-061c-11f0-a839-09712ee48904		
apple-domain-verification=0Fr6C3CKU6a7VuF2KwsdLQpksMIPUrsSk8T6W-i5P3E		
facebook-domain-verification=76rq4jzu9l70hfw98qkma7lgsougsg		
google-site-verification=BnjqY2BGRiD4dDcPTYt235UM40y0QR3p_DX-0fVfXVg		
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	Synchronized
ns-1603.awsdns-08.co.uk.	
ns-1117.awsdns-11.org.	
ns-529.awsdns-02.net.	
ns-4.awsdns-00.com.	
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	

Report reflects evaluated DNS security posture at time of generation.

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