

DNS Intelligence Report

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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)
 - ✔ BMI (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
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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-hel  
p.tech._spf.smart.ondmar  
c.com ~all
```

 **DMARC Policy**  RFC 7489**Success****p=reject**

DMARC policy reject (100%) - excellent protection

```
v=DMARC1; p=reject; pct=  
100; sp=reject; rua=mail  
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 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=MIIBIj  
ANBgqhkiG9w0BAQEFAAOCAQ  
8AMIIBCgKCAQEApb3onIiQsL  
q6/SLBf188zt4CsCwp56n2M3  
GgAENKfVPV3s68+d6gQduuQA  
02VL1VaAJU3XAh9gravPqZqe  
v6Lt/qrGKYXUUCXRQ9zE3+Yc  
JIMNGyP9xaId43TZ3szC6Q2D  
Nxqf0FNdnZfRv6p1KSGR1zfW  
K4QaPxr66GRGKRvfaDGtZS6E  
8PhACYXgjsheXZB76T9iUM4M  
C3WteU11NTr1nUsJeY6RdJhx  
Gr9NKi00qHJ08MHmA73d6dYD  
af+eBE4BX90ZgbghKvA+CYws  
9WXVAwK4IUB3zj8a6Qh398tv  
hIEwivkwD7x65rZsML32iHId  
kp+a1fQV4tFlc2wIm+hQIDAQ  
AB
```

 **MTA-STS**  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**  RFC 8460**Success**

TLS-RPT configured - receiving TLS delivery reports

```
v=TLRPTv1; rua=mailto:dc1e127b@inbox.on  
dmarc.com;
```

Brand Security

Can this brand be convincingly faked?

No

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



BIMI



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 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 **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 3F0538D5BA61D8D90ECBFBBF7B5B40508D00A794649CE949EA77FC8862E5531A

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:bc00:13:842a: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:c00:13:842a:58c0:93a1

2600:9000:21f8:ac00:13:842a:58c0:93a1

2600:9000:21f8:8400:13:842a:58c0:93a1

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

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 8 / 8 records	
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 / 1 records	
1 smtp.google.com.	1 smtp.google.com.
TXT  Synchronized 8 / 8 records	
v=spf1 include:_u.it-help.tech._spf.smart.ondmarc.com ~all	75fb54a0-061c-11f0-a839-09712ee48904
google-site-verification=qRV0IpeTmVGGCbCgy1bB4vsJpUXVSw1sXLSfPC01vgs	apple-domain-verification=0Fr6C3CKU6a7VuF2KwsdLQpksMIPUrsSk8T6W-i5P3E
apple-domain-verification=0Fr6C3CKU6a7VuF2KwsdLQpksMIPUrsSk8T6W-i5P3E	facebook-domain-verification=76rq4jzu9l70hfw98qkma7lgsougsg
75fb54a0-061c-11f0-a839-09712ee48904	google-site-verification=BnjqY2BGRiD4dDcPTYt235UM40y0QR3p_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.smart.ondmarc.com ~all
<div>NS ✔ Synchronized 4 / 4 records</div>	
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.