

DNS Intelligence Report

dnstool.it-help.tech

⌚ 2026-02-08 16:08 UTC · ⏱ 9.1s



DNS & Trust Posture:

SECURE

All security controls enforced including DNSSEC.

EMAIL SPOOFING

Protected

BRAND IMPERSONATION

Not Setup

DNS TAMPERING

Protected

CERTIFICATE CONTROL

Open**✓ Configured**

DMARC (email spoofing protection), SPF (no mail allowed - domain declares it sends no email), DNSSEC (inherited from parent zone), TLS-RPT (reporting configured)

- Not Configured

CAA (certificate authority control), MTA-STS (email TLS policy), BIMI (brand logo in inboxes)

REGISTRAR (RDAP)

Amazon Registrar, Inc.

Registrar for it-help.tech

WEB HOSTING

Google Cloud

Where website is hosted

EMAIL SERVICE PROVIDER

✉ Unknown

Where email is hosted (MX)

DNS HOSTING

🌐 Standard

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****0/10 lookups**

Valid SPF (no mail allowed) - domain declares it sends no email

```
v=spf1 -all
```

🔒 DMARC Policy [i RFC 7489](#)

Success **p=reject**

DMARC policy reject (100%) - excellent protection

```
v=DMARC1; p=reject; pct=100; adkim=s; aspf=s;
```

Alignment: **SPF strict** **DKIM strict**

🔑 DKIM Records [i RFC 6376](#)

Not Discoverable

DKIM not discoverable via common selectors (large providers use rotating selectors)

🛡️ MTA-STS [i RFC 8461](#)

Warning

MTA-STS DNS record found but policy file inaccessible

```
v=STSV1; id=20260208
```

⚠ Policy file: Connection failed

📄 TLS-RPT [i RFC 8460](#) **Success**

TLS-RPT configured - receiving TLS delivery reports

```
v=TLSRPTv1; rua=mailto:tls-reports@it-help.tech
```

Brand Security

Can this brand be convincingly faked?

Partially

 **Verdict:** No brand protection controls - attackers could obtain certificates or impersonate visually.

BIMI [i BIMI Spec](#)

Warning

No BIMI record found

CAA [i RFC 8659](#)

Warning

No CAA records found - any CA can issue certificates

Domain Security

Can DNS itself be tampered with?

No

 **Verdict:** DNS responses are authenticated via parent zone DNSSEC. Subdomain within a signed zone.

DNSSEC [i RFC 4033](#)

Inherited

ECDSA P-256/SHA-256

DNSSEC inherited from parent zone (it-help.tech) - DNS responses are authenticated

✓ This subdomain is protected by the parent zone's DNSSEC signing. DNSSEC at **it-help.tech** covers all records in the zone.

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

NS Delegation Subdomain

Subdomain within it-help.tech zone - no separate delegation needed

DNS records managed within the **it-help.tech** zone. No separate NS delegation required.

Parent zone nameservers (it-help.tech):

ns-1117.awsdns-11.org

ns-1603.awsdns-08.co.uk

ns-4.awsdns-00.com

ns-529.awsdns-02.net

✓ **Multi-Resolver Verification:** Consensus reached - 4 resolvers (Cloudflare, Google, Quad9, OpenDNS) agree on DNS records

Traffic & Routing Where traffic flows & how services resolve

IPv4 Address

34.111.179.208

IPv6 Address

— No AAAA records
IPv6 not configured

Where the domain points for web traffic

MX Mail Servers

0 .

Priority + mail server for email delivery

SRV Services

— No SRV records

No service-specific routing configured

🌐 **Web:** Reachable (1 IPv4, 0 IPv6) 📧 **Mail:** 1 server 🛡 **Services:** None

⚠️ Δ No Propagation Issues:

All DNS records are synchronized between resolver and authoritative nameserver.

⌚ **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  Synchronized

1 / 1 records

34.111.179.208

34.111.179.208

AAAA

0 / 0 records

No records

No records

MX

 Synchronized

1 / 1 records

0 .

0 .

TXT

 Synchronized

2 / 2 records

replit-verify=f2c73519-b3f3-4c33-90b1-699f833acae8

replit-verify=f2c73519-b3f3-4c33-90b1-699f833acae8

v=spf1 -all

v=spf1 -all

NS

0 / 0 records

No records

No records

Confirm Your Email Configuration



This tool analyzes DNS records, but to verify actual email delivery, send a test email to

[Red Sift Investigate](#). Their tool shows exactly how your emails arrive, including SPF/DKIM/DMARC

pass/fail results in the headers.



Report reflects evaluated DNS security posture at time of generation.

Made by [IT Help San Diego Inc.](#)

Need help with DNS? Call [619-853-5008](#)