DNS Analysis Results

google.com

✅ DNS & Trust Posture: **STRONG**

Email security controls enforced. DNSSEC not configured (common for large operators).

📋 Findings Summary

✅ Configured:

✓ MTA-STS (policy present)

✓ TLS-RPT (reporting configured)

➖ Not Configured:

— DNSSEC (DNS response signing)

— BIMI (brand logo in inboxes)

REGISTRAR (RDAP)

🪪 **Markmonitor...**

Where you pay to own domain

EMAIL SERVICE PROVIDER

✉️ **Google Work...**

Where email is hosted (MX)

WEB HOSTING

🖥️ **Google Cloud...**

Where website is hosted

DNS HOSTING

🖧 **Google Clou...**

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:_spf.g
oogle.com ~all
```

🔒 DMARC Policy Success
p=reject

DMARC policy reject (100%) - excellent protection

```
v=DMARC1; p=reject; r
ua=mailto:mailauth-re
ports@google.com
```

Alignment: SPF relaxed   DKIM relaxed

🔑 DKIM Records Not Discoverable

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

🛡 MTA-STS Success ENFORCE ✓ Policy Verified

MTA-STS enforced - TLS required for 3 mail server(s)

```
v=STSv1; id=20210803T010101;
```

Policy Details:
- Mode: enforce
- Max Age: 1 days (86400 seconds)
- MX Patterns: smtp.google.com, aspmx.l.google.com, *.aspmx.l.google.com

📄 TLS-RPT Success

TLS-RPT configured - receiving TLS delivery reports

```
v=TLSRPTv1;rua=mailto:sts-reports@
google.com
```

✳ Brand Security

Can this brand be convincingly faked? No

🖼 BIMI (Brand Logo) Warning

No BIMI record found

🔒 CAA (Certificate Authority) Success

CAA configured - only pki.goog can issue certificates

Authorized CAs: pki.goog

```
0 issue "pki.goog"
```

🛡 Domain Security

Can DNS itself be tampered with? Partially

🔑 DNSSEC Unsigned

DNSSEC not configured - DNS responses are unsigned

ⓘ Domain does not use DNSSEC. Large organizations often secure at other layers; for smaller domains, consider enabling at your registrar.

🔀 NS Delegation Verified

4 nameserver(s) configured

Nameservers:

ns1.google.com   ns2.google.com

ns3.google.com   ns4.google.com

⊶ Traffic & Routing   Where traffic flows & how services resolve

A IPv4 Address

209.85.200.113

209.85.200.100

209.85.200.101

209.85.200.139

209.85.200.138

209.85.200.102

Where the domain points for web traffic

AAAA IPv6 Address

2607:f8b0:4001:c16::64

2607:f8b0:4001:c16::8a

2607:f8b0:4001:c16::71

2607:f8b0:4001:c16::8b

✓ IPv6 ready

MX Mail Servers

10 smtp.google.com.

Priority + mail server for email delivery

SRV Services

— No SRV records No service-specific routing configured

🌐 **Web:** Reachable (6 IPv4, 4 IPv6)   ✉ **Mail:** 1 server   ⚙ **Services:** None

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🗄 Evidence: Resolver Records   (Raw DNS data)

A   6 records   ⏱ Still Propagating

209.85.200.113

209.85.200.100

209.85.200.101

🖵 Evidence: Authoritative Records   (Direct from nameserver)

A   6 records

142.251.189.102

142.251.189.113

142.251.189.139

209.85.200.139

209.85.200.138

209.85.200.102

142.251.189.100

142.251.189.101

142.251.189.138

AAAA 4 records   🕐 Still Propagating

2607:f8b0:4001:c16::64

2607:f8b0:4001:c16::8a

2607:f8b0:4001:c16::71

2607:f8b0:4001:c16::8b

AAAA 4 records

2607:f8b0:4001:c6c::8b

2607:f8b0:4001:c6c::66

2607:f8b0:4001:c6c::65

2607:f8b0:4001:c6c::71

MX 1 record   ✓ Synchronized

10 smtp.google.com.

MX 1 record

10 smtp.google.com.

TXT 12 records   ✓ Synchronized

google-site-verification=wD8N7i1
JTNTkezJ49swvWW48f8_9xveREV4oB-0
Hf5o

globalsign-smime-dv=CDYX+XFHUw2w
ml6/Gb8+59BsH31KzUr6c1l2BPvqKX8=

apple-domain-verification=30afIB
cvSuDV2PLX

docusign=05958488-4752-4ef2-95eb

TXT 12 records

docusign=05958488-4752-4ef2-95eb
-aa7ba8a3bd0e

cisco-ci-domain-verification=47c
38bc8c4b74b7233e9053220c1bbe76bc
c1cd33c7acf7acd36cd6a5332004b

google-site-verification=TV9-DBe
4R80X4v0M4U_bd_J9cpOJM0nikft0jAg
jmsQ

-aa7ba8a3bd0e

docusign=1b0a6754-49b1-4db5-8540
-d2c12664b289

cisco-ci-domain-verification=47c
38bc8c4b74b7233e9053220c1bbe76bc
c1cd33c7acf7acd36cd6a5332004b

google-site-verification=4ibFUgB
-wXLQ_S7vsXVomSTVamuOXBiVAzpR5IZ
87D0

v=spf1 include:_spf.google.com ~
all

onetrust-domain-verification=6d6
85f1d41a94696ad7ef771f68993e0

facebook-domain-verification=22r
m551cu4k0ab0bxsw536tlds4h95

MS=E4A68B9AB2BB9670BCE15412F6291
6164C0B20BB

google-site-verification=TV9-DBe
4R80X4v0M4U_bd_J9cpOJM0nikft0jAg
jmsQ

NS 4 records   ✓ Synchronized

ns3.google.com.

ns1.google.com.

globalsign-smime-dv=CDYX+XFHUw2w
ml6/Gb8+59BsH31KzUr6c1l2BPvqKX8=

google-site-verification=4ibFUgB
-wXLQ_S7vsXVomSTVamuOXBiVAzpR5IZ
87D0

MS=E4A68B9AB2BB9670BCE15412F6291
6164C0B20BB

facebook-domain-verification=22r
m551cu4k0ab0bxsw536tlds4h95

docusign=1b0a6754-49b1-4db5-8540
-d2c12664b289

google-site-verification=wD8N7i1
JTNTkezJ49swvWW48f8_9xveREV4oB-0
Hf5o

apple-domain-verification=30afIB
cvSuDV2PLX

onetrust-domain-verification=6d6
85f1d41a94696ad7ef771f68993e0

v=spf1 include:_spf.google.com ~
all

NS 4 records

ns2.google.com.

ns4.google.com.

ns1.google.com.

ns2.google.com.

ns3.google.com.

CNAME   No records

ns4.google.com.

— No records found

💡 Tip: CNAMEs are usually on subdomains. Try searching **www.google.com** or another subdomain.

SRV   No records

— No records found

Report reflects evaluated DNS security posture at time of generation.

Made by IT Help San Diego Inc.