# DNS Intelligence Report

**ibm.com**

DNS & Trust Posture: **STRONG (Monitoring)**

👁 **1 monitoring**

Email controls present but some in monitoring mode. DNSSEC not configured.

🕐 Analyzed: 2026-02-07 01:29 UTC  ⏱ Duration: 0.4s

| EMAIL SPOOFING | BRAND IMPERSONATION |
|---|---|
| **Protected** | **Not Setup** |

| DNS TAMPERING | CERTIFICATE CONTROL |
|---|---|
| **Enterprise** | **Open** |

**◉ Monitoring**
DKIM (MailChimp, SendGrid, Zendesk only — not verified for Proofpoint)

**✓ Configured**
DMARC (email spoofing protection)

**⊖ Not Configured**
DNSSEC (DNS response signing), CAA (certificate authority control), MTA-STS (email TLS policy), TLS-RPT (TLS delivery reporting), BIMI (brand logo in inboxes)

**REGISTRAR (RDAP)**
🪪 **CSC Corporate Domains, Inc.**
Where you pay to own domain

**EMAIL SERVICE PROVIDER**
✉ **Proofpoint**
Where email is hosted (MX)

**WEB HOSTING**
🖥 **Unknown**
Where website is hosted

**DNS HOSTING**
🔗 **Standard** `Enterprise`
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. Note: DKIM found for MailChimp, SendGrid, Zendesk only — primary mail platform (Proofpoint) DKIM not verified.

## ✉️ SPF Record  ℹ️ RFC 7208

`Success`  `-all`  `1/10 lookups`

SPF valid with strict enforcement (-all), 1/10 lookups

```
v=spf1 include:%{ir}.%{
v}.%{d}.spf.has.pphoste
d.com -all
```

⚠️ RFC 7489: -all may reject mail before DMARC processes; ~all offers better DMARC compatibility

## 🔒 DMARC Policy  ℹ️ RFC 7489

`Success`  `p=reject`

DMARC policy reject (100%) - excellent protection

```
v=DMARC1; p=reject; sp=n
one; fo=1; rua=mailto:dm
arc_rua@emaildefense.pro
ofpoint.com; ruf=mailto:
dmarc_ruf@emaildefense.p
roofpoint.com
```

Alignment:  `SPF relaxed`
`DKIM relaxed`  `sp=none`

⚠️ Subdomains unprotected (sp=none while p=reject)
⚠️ Forensic reports (ruf) configured - many providers ignore these

## 🔑 DKIM Records  ℹ️ RFC 6376

`Third-Party Only`  `2048-bit`

Found DKIM for 7 selector(s) (2048-bit) but none for primary mail platform (Proofpoint)

⚠️ DKIM verified for MailChimp, SendGrid, Zendesk only — no DKIM found for primary mail platform (Proofpoint). The primary provider may use custom selectors not discoverable through standard checks.

✅ dkim._domainkey  `2048-bit`

```
v=DKIM1; k=rsa; p=MIIBIj
ANBgkqhkiG9w0BAQEFAAOCAQ
8AMIIBCgKCAQEA1hkxOeNIFW
SRQg0xN+fyzqrj45L9LVirEG
4uRxE8uViGC8lBEKDivKGC0i
8dptnTsUkzOY3Fbg4bF+EIOb
MESw0FLOkAqmlIp1v90QtIZD
Uuo/oRYEAV7lJrWk7WnlT2uX
s6hR48Zbf8Lqd/aUygWyVTQq
b4o9gNWuomQOvad2K94jfNWJ
eCNLW9gBU/YqnDkvf8S0rzEg
eqFTrbIsD/KYTq3J4vu7vzSp
uUjZNiD01OgVQoacnj6RZVnl
GNrm1u6SvPTvGrnibH8q8XDi
ZQnhvF9ZWqfb388kC+S0mlJQ
JHGUBAcIGAuuoxxUPws5pX4m
tb5w350xhF6DN4YQwZWQIDAQ
AB
```

✅ s2._domainkey  `SendGrid`
`2048-bit`

k=rsa; t=s; p=MIIBIjANBg
kqhkiG9w0BAQEFAAOCAQ8AMI
IBCgKCAQEAviPehEhBIU1tMf
4B5RXNxY7gKz6DPOMWSbAcH5
+1ZlpmRjmobJdx3+7lYPMSMd
28TaBfNKP+MSKm5Zt74vHzgu
0Ejx8+0zHe0F6lKTFQl3RD2O
LQLF3e4xSgBFibWu30fQg0Q4
76vCO3ZaNfEoguUnSqXlqf4L
d4jrHxlCBIkrkvFOhhJ8EPdJ
D+KBRHXzMOQAH2oPc5zYBdxB
PUw9BKM3KVwg9sUkBx/WneWm
KWLwtrLVJgBDYps6X52PMfNF
2wr+RoOS9pAFxA3z7hWiwT/1
X7l8nKE6Rv8xdEq/Gt9Atokf
eh2RAfw3ijXyC++MS1TMblKM
8/GbMkI87dgawrCwIDAQAB

✅ **s1._domainkey** `SendGrid`
`2048-bit`

k=rsa; t=s; p=MIIBIjANBg
kqhkiG9w0BAQEFAAOCAQ8AMI
IBCgKCAQEAz6WjzCoCLUh8rU
cvrCbKWy6pFU8RGru+kMogDQ
xXlYsHQe8L7K0VttWREzFtw1
fmhHzkxVn2BpzBXU0e95MAxu
am1mxBJdzVHwZxh2by17DCCl
xHcvgFDDYGX4bz0F1TWjVejP
MKLjvLiT0fb9pM+xbChsV912
LKzLIjYYIqGez6lwVCJKmy+C
aaHJJ3nCJiVSpQlOf7VICmlX
77gUXFiQRpfOyNZsUmJZohzJ
PQUMRtmBCvJn6i7y3f4OHZkU
RaGvjbm1ESK8IiT9U6mVUEd5
dOqGXyNHz4TrmQ4p+5QlEeG2
Eax3U+YC66YG86JvLCdH0t3A
jnlZmXpadc+m8xTwIDAQAB

✅ **k2._domainkey** `MailChimp`
`2048-bit`

v=DKIM1; k=rsa; p=MIIBIj
ANBgkqhkiG9w0BAQEFAAOCAQ
8AMIIBCgKCAQEAv2aC2KjGKL
OwTweBY5A9RpjsxaBXR9r7OA
U6U8/zn92ivImI75naUujWbI
tRI/QmL1jy5PWGqLwoUA0b90
ObWaLDc+i9MtTNmGeWO009hr
20fIxhGg6XBT2kjZ1DTThopS
e1nAndsupmcBwlQ5Q6LJ+ZAx
LcujnPIxM0ZBLmgpkv8u6RfY
4eFP8OLvdAW3oSuB0DyLDigQ
X4Sj8wBO4YIdQH6AAmBeOsid
sKAFNFUCpc3vCxtBDR12U+cB
g724l3sBkMQ8evnz6idnqxq9
QAVYh8k4kJ+RP+6cqTdy7LjI
m8xY/bQNpQIpGUAuDo2DjLcC
Dun9DAI4Q/3z+Q0o9QuQIDAQ
AB;

✓ email._domainkey  `2048-bit`

v=DKIM1; t=s; k=rsa; p=M
IGfMA0GCSqGSIb3DQEBAQUAA
4GNADCBiQKBgQCIpUSWZda9n
RCG1NdD9GebCbxVlDl+LKEPS
VmM5piw57btzxVIFPjkPCccR
McJOrOXIoT/IFn/qVAoOt73s
88YU156oExX0mU5RPXDccj6n
IBAbSQUq/0jTBcRk/PMxTnj4
7j16FpMXNIvTuW1e5QeLGDCu
r4KaZPFaPE7ZfBvMQIDAQAB

✓ zendesk2._domainkey
`Zendesk`  `2048-bit`

v=DKIM1; t=s; n=core; k=
rsa; p=MIIBIjANBgkqhkiG9
w0BAQEFAAOCAQ8AMIIBCgKCA
QEAmiSFNkgXrO3I8aOaPONDZ
WHv027rkiGIwb838OyXPgvFD
EkCV/qGcdXSjZnaVAadrTm/o
KnL8WOltP9zB1FLEuKt0fTi5
zRyKPE4oIYCnEzXwrGqzjUcC
ABQBawQVqvXjDOaYh9Lhp8W5
PYOLo905vRW7ipyIMDhuzBOJ
ls91/WWXnNK0OwP3RghiisZj
A3K2KqtRwf7w6GjNeNuAMNhv
cmgAN15d/mhK+dev/hcRbal6
6RoYyTD8c0F0isahWH0envEX
8aj+SBhheNk0/U37dGE+4nFa
Y5yP9CUlYjFKDSIKZgHzG4Hc
i3t/RubU58pi6BCrQQdAFvIO
eDFeCZ0ywIDAQAB

☑ **zendesk1._domainkey**

`Zendesk` `2048-bit`

v=DKIM1;t=s;n=core;k=rs
a;p=MIIBIjANBgkqhkiG9w0B
AQEFAAOCAQ8AMIIBCgKCAQEA
9IqdLrO3Zr2/56MHt8oQVCQo
rP0Bl2Fz9sM2tFBnJCdB/Hog
QmuudEg2xAovCN2PYpw44Uij
IvPuBoT9vxiv6ZCBJTLJXa82
r6ke5rE4tbe9NKFIrVIb9S30
6cJDrnKFMDb8p0dU/Su0+eUR
5gVAOtCuz2L8HAzs5edvsEv
D/Fb4ny1RLNSEPZkIQLfGhVx
QeWANm3+1Jwb/OBVXV9k0nKp
WrpgqcmO7NzroJirp014RQY7
rGi60JLUubc6XhvoFQBQrtOA
dVlZC5wvfS1bgpq5kQpdP7ca
jIqWCeqxPTeo0ZUpey2Zcayg
EsZz0Z3Gs5wDzyuqd7/ADpr2
jNF7ozwIDAQAB

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🛡 **MTA-STS**   ⓘ **RFC 8461**   [Warning]

No valid MTA-STS record found

📄 TLS-RPT  ⓘ RFC 8460  **Warning**

No TLS-RPT record found

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## 🏵️ Brand Security  Can this brand be convincingly faked?  **Partially**

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

🖼️ BIMI  ⓘ BIMI Spec  **Warning**

No valid BIMI record found

🔒 CAA  ⓘ RFC 8659  **Warning**

No CAA records found - any CA can issue certificates

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## 🛡️ Domain Security  Can DNS itself be tampered with?  **Partially**

> 🔨 **Verdict:** Delegation is verified but DNS responses are unsigned and could be spoofed.

🔑 DNSSEC  ⓘ RFC 4033  **Unsigned**

DNSSEC not configured - DNS responses are unsigned

🛡️ **Alternative Security:** NS1 (IBM) provides enterprise-grade DNS with DDoS protection and monitoring.

✓ NS1 (IBM) (enterprise DNS with DDoS protection)

🖧 NS Delegation  **Verified**

4 nameserver(s) configured

Nameservers:

| dns1.p05.nsone.net | dns2.p05.nsone.net |
| dns3.p05.nsone.net | dns4.p05.nsone.net |

✓ **Multi-Resolver Verification:** Discrepancy detected - Some resolvers returned different results (2 differences found)

> ⚠️ **Resolver Differences:**
> › A: OpenDNS returned different results: ['23.210.146.195']
> › A: Cloudflare returned different results: ['23.210.146.195']
> This may indicate DNS propagation in progress or geo-based DNS routing.

## ⛁ Traffic & Routing   Where traffic flows & how services resolve

### A IPv4 Address

```
23.214.100.137
```

Where the domain points for web traffic

### AAAA IPv6 Address

```
2600:1406:2e00:985::3831
```

```
2600:1406:2e00:988::3831
```

✓ IPv6 ready

### MX Mail Servers

```
5 mx0b-001b2d05.pphosted.com.
```

```
5 mx0a-001b2d05.pphosted.com.
```

Priority + mail server for email delivery

### SRV Services

```
_sipfederationtls._tcp: 0 20 5269 nxpf
s.ucfederationcloud.com.
```

SIP, XMPP, or other service endpoints

🌐 **Web:** Reachable (1 IPv4, 2 IPv6)    ✉ **Mail:** 2 servers    ⚙ **Services:** 1 endpoint

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🔄 **Δ Changes Detected:** A  AAAA  Resolver ≠ Authoritative (TTL / CDN rotation / recent change)
🕐 Risk: Low - typically resolves within TTL

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🎧 **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                    1 / 1 records | |
| 23.214.100.137 | 184.30.98.134 |
| AAAA  🕐 Propagating                  2 / 2 records | |

| | |
|---|---|
| 2600:1406:2e00:985::3831 | 2600:1405:7400:c8c::3831 |
| 2600:1406:2e00:988::3831 | 2600:1405:7400:c82::3831 |

**MX**  ✓ Synchronized                                              2 / 2 records

| | |
|---|---|
| 5 mx0b-001b2d05.pphosted.com. | 5 mx0a-001b2d05.pphosted.com. |
| 5 mx0a-001b2d05.pphosted.com. | 5 mx0b-001b2d05.pphosted.com. |

**TXT**  ✓ Synchronized                                            40 / 40 records

| | |
|---|---|
| atlassian-domain-verification=WAjTH82C5Zx475WLKAA2nrdlsoA/kN0ej9igrLrED4h15KMHPOm+A5H3GndKAxDC | MS=ms61389031 |
| google-gws-recovery-domain-verification=42135076 | 00D3h000004YkeYEAS |
| 40a21f5affe343c6b37e0a5af80dcd93 | 00d00000000hedieay |
| _github-challenge-ibm.ibm.com=2613e984bc | 00d50000000c9mweay |
| intersight=1439768961d2f6d736c38b947d235947681cd817abea13eab3daee9ecbdc6c3d | 00df40000004784eaa |
| atlassian-domain-verification=a32Aj0uoXQRh6QseDFFrlufYlkbeSdok7az3sY0DQNVXpW1Iqj8zlsuXFZgHMojH | 40a21f5affe343c6b37e0a5af80dcd93 |
| atlassian-domain-verification=79ZnqmRPyDwm6b99GAF3ymzBmjtRZU9oCfgMwVMAUGlrPPenDc6esgO62jafAXUI | yandex-verification: 5f458b477256c50c |
| apple-domain-verification=M3o953J0rN1B0P2a | _github-challenge-ibm.ibm.com=2613e984bc |
| ms-domain-verification=1adbc779-89ce-47cf-8167-c4e4a3b4a6aa | apple-domain-verification=M3o953J0rN1B0P2a |
| 00d50000000c9mweay | google-gws-recovery-domain-verification=42135076 |

| | |
|---|---|
| ms-domain-verification=bedcd06e-7e1c-4906-9b6a-b4a1095fa4ed | google-gws-recovery-domain-verification=48225137 |
| google-site-verification=aH5jG_abrxRKeKZKOrX9CuXlXdFSCQxVkmAVoYwzNcc | amazonses:79ShwQazteb+WkCt8e297sAC2mwZVRditsrzaoxiHjU= |
| google-site-verification=Jck8mLbYYfCnrmi_nRy4MG2fbUN3UGhC29KdspGLd9Y | docker-verification=7c4d4e40-e7ee-4183-94c2-db97d0873269 |
| google-site-verification=I-empodMpM7n5Px1doUgIaOKHKeIMXXf6k8Ea5ENyO4 | docker-verification=846278f4-7e2c-4586-ae26-e1a9f0f0aecd |
| 00df40000004784eaa | mongodb-site-verification=3d0wR0KvanH3yTbll0sXEJ0QGBQffOkv |
| docker-verification=846278f4-7e2c-4586-ae26-e1a9f0f0aecd | mongodb-site-verification=gEevYaKFpagtLmrYxomtpE2QmYwnd29i |
| asv=e8bb80eeac60e62a4dd07f03d1d36829 | facebook-domain-verification=kyuxs3tdqtyh9rbqa3szkq3k9i2bbs |
| yandex-verification: 5f458b477256c50c | smartsheet-site-validation=I-lI3gCPdvKbKQ6KTki96Ream6Yjs1gU |
| 00D3h000004YkeYEAS | onetrust-domain-verification=e7e09cedfb9b4ff386f1274e4c214d55 |
| google-gws-recovery-domain-verification=48225137 | adobe-idp-site-verification=5f8adca7-512f-44e1-a5b2-b62c5e3763f2 |
| _analyst_ng_validation=f6702989-83f3-42b8-be39-19cf8f1c33f5 | google-site-verification=I-empodMpM7n5Px1doUgIaOKHKeIMXXf6k8Ea5ENyO4 |
| MS=ms61389031 | google-site-verification=Jck8mLbYYfCnrmi_nRy4MG2fbUN3UGhC29KdspGLd9Y |
| docker-verification=7c4d4e40-e7ee-4183-94c2-db97d0873269 | google-site-verification=aH5jG_abrxRKeKZKOrX9CuXlXdFSCQxVkmAVoYwzNcc |
| h1-domain-verification=m9jGKLYa5hDdU5AHUfK9jrBmWVhx3h9t9ztfDFMaxZfgChvk | google-site-verification=tzdngH5fWH-k8uQoDVovOFJQZTwaGtDOP6S2cQlOvCs |
| onetrust-domain-verification=e7e09cedfb9b4ff386f1274e4c214d55 | h1-domain-verification=m9jGKLYa5hDdU5AHUfK9jrBmWVhx3h9t9ztfDFMaxZfgChvk |

| | |
|---|---|
| v=spf1 include:%{ir}.%{v}.%{d}.spf.has.phosted.com -all | intersight=cfe6f48b59e7428442b9aab04765ca0953e01c480a685ca5cf6939ef9e505532 |
| facebook-domain-verification=kyuxs3tdqtyh9rbqa3szkq3k9i2bbs | Dynatrace-site-verification=76b6b299-fe43-4f31-889b-a8a467193478__8q74sg9dg5udjppn95utrb8bct |
| google-site-verification=tzdngH5fWH-k8uQoDVovOFJQZTwaGtDOP6S2cQlOvCs | atlassian-domain-verification=WAjTH82C5Zx475WLKAA2nrdlsoA/kN0ej9igrLrED4h15KMHPOm+A5H3GndKAxDC |
| mongodb-site-verification=gEevYaKFpagtLmrYxomtpE2QmYwnd29i | atlassian-domain-verification=a32Aj0uoXQRh6QseDFFrlufYlkbeSdok7az3sY0DQNVXpW1Iqj8zlsuXFZgHMojH |
| smartsheet-site-validation=TaCpXPZ-qFfOgfHXuMrfF8_d6GZjICNl | DomainVerification=CYICZMSWT62KDTQWZ1YCKKU763NN36BQJ4TD5BV606K3FLDUR3UOJE58E30FTIVL |
| 00d00000000hedieay | mongodb-site-verification=Gcqpap80hVonXfV2VnYC6AlEr2Z9vvf3 |
| smartsheet-site-validation=I-lI3gCPdvKbKQ6KTki96Ream6Yjs1gU | ms-domain-verification=1adbc779-89ce-47cf-8167-c4e4a3b4a6aa |
| amazonses:79ShwQazteb+WkCt8e297sAC2mwZVRditsrzaoxiHjU= | figma-domain-verification=6db9259c4472f3e5ba44c7ae284b4f4b8aa0268c0797659a5e1a28ccfe912ddf-1741206863 |
| mongodb-site-verification=3d0wR0KvanH3yTbll0sXEJ0QGBQffOkv | atlassian-domain-verification=79ZnqmRPyDwm6b99GAF3ymzBmjtRZU9oCfgMwVMAUGlrPPenDc6esgO62jafAXUI |
| figma-domain-verification=6db9259c4472f3e5ba44c7ae284b4f4b8aa0268c0797659a5e1a28ccfe912ddf-1741206863 | intersight=1439768961d2f6d736c38b947d235947681cd817abea13eab3daee9ecbdc6c3d |
| Dynatrace-site-verification=76b6b299-fe43-4f31-889b-a8a467193478__8q74sg9dg5udjppn95utrb8bct | asv=e8bb80eeac60e62a4dd07f03d1d36829 |
| mongodb-site-verification=Gcqpap80hVonXfV2VnYC6AlEr2Z9vvf3 | _analyst_ng_validation=f6702989-83f3-42b8-be39-19cf8f1c33f5 |

| | |
|---|---|
| DomainVerification=CYICZMSWT62KDTQWZ1YCK KU763NN36BQJ4TD5BV606K3FLDUR3U0JE58E30FT IVL | ms-domain-verification=bedcd06e-7e1c-490 6-9b6a-b4a1095fa4ed |
| adobe-idp-site-verification=5f8adca7-512 f-44e1-a5b2-b62c5e3763f2 | smartsheet-site-validation=TaCpXPZ-qFfOg fHXuMrfF8_d6GZjICNl |
| intersight=cfe6f48b59e7428442b9aab04765c a0953e01c480a685ca5cf6939ef9e505532 | v=spf1 include:%{ir}.%{v}.%{d}.spf.has.p phosted.com -all |

### NS  ✓ Synchronized                         4 / 4 records

| | |
|---|---|
| dns4.p05.nsone.net. | dns1.p05.nsone.net. |
| dns3.p05.nsone.net. | dns2.p05.nsone.net. |
| dns1.p05.nsone.net. | dns3.p05.nsone.net. |
| dns2.p05.nsone.net. | dns4.p05.nsone.net. |

### SRV                                          1 / 0 records

| | |
|---|---|
| _sipfederationtls._tcp: 0 20 5269 nxpfs. ucfederationcloud.com. | _ |

## 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

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

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