DNS Intelligence Report

red.com

⚠️ **DNS & Trust Posture:** **PARTIAL**
Some critical security controls are missing.

❌ 1 issue

❌ **Action Required**
DMARC not enforcing (p=none) - spoofed email can still be delivered

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

REGISTRAR (RDAP)
🪪 **Safenames Ltd.**
Where you pay to own domain

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

WEB HOSTING
🖥️ **AWS / Amazon**
Where website is hosted

DNS HOSTING
🗄️ **Amazon Route...**
Where DNS records are edited

🛡️ Email Security

Can this domain be impersonated by email? **Partially**

🔧 **Verdict:** Partial email authentication configured - some spoofed messages may be delivered.

✉️ **SPF Record** ℹ️ RFC 7208

Success **~all**
8/10 lookups

SPF valid with soft fail (~all), 8/10 lookups

🔒 **DMARC Policy** ℹ️ RFC 7489

Warning **p=none**

DMARC in monitoring mode (p=none) - no spoofing protection

```
v=DMARC1; p=none; rua=ma
ilto:dmarc-68b7843f04d9d
f0d350c2996@forwardemai
l.net
```

🔑 **DKIM Records** ℹ️ RFC 6376

Found **2048-bit**

Found DKIM for 1 selector(s) with strong keys (2048-bit)

✅ selector2._domainkey
2048-bit

```
v=spf1 mx include:spf.pr
otection.outlook.com inc
lude:mail.zendesk.com a:
outboundips.netsuite.com
include:rp.oracleemailde
livery.com include:eu.r
p.oracleemaildelivery.co
m include:ap.rp.oracleem
aildelivery.com include:
sendgrid.net ip4:70.183.
25.226 ip4:70.183.25.233
ip4:12.215.166.253 ip4:4
6.61.187.62 ip4:216.194.
106.13 ip4:149.20.194.55
ip4:148.62.51.171 ip4:2
3.21.109.197 ip4:23.21.1
09.212 ip4:147.160.167.1
4 ip4:147.160.167.15 ip
4:52.49.235.189 ip4:52.4
9.201.246 ~all
```

⚠ Policy p=none provides no protection

```
v=DKIM1; k=rsa; p=MIGfMA
0GCSqGSIb3DQEBAQUAA4GNAD
CBiQKBgQDC/80iJzUEJ5QcG+
eNG3Rs4R+hfERCx5T8L1m70N
lNDSmIB1M6cER5aLXjkciDRR
PKdSyRsMvkFVR51A7HWB6uQc
B/0H4R43sg/HkHp+gY81PFrn
2i8g0DBpE6L/dbxr6lroLnju
4bqEX5dBk04RGan3DEBOFttT
Iosbv3X5b5XQIDAQAB;
```

❗ **Duplicate SPF records found!**

Only one SPF record is allowed per domain. Multiple records can cause delivery issues.

```
v=spf2.0/pra a mx incl
ude:radicaepost.com in
clude:spf.protection.o
utlook.com include:mai
lsenders.netsuite.com
include:sent-via.netsu
ite.com ~all
```

🛡 **MTA-STS** ℹ RFC 8461 **Warning**

No MTA-STS record found

📄 **TLS-RPT** ℹ RFC 8460 **Warning**

No TLS-RPT record found

✳ Brand Security

Can this brand be convincingly faked? No

> 🔨 **Verdict:** Certificate issuance is controlled but brand logo (BIMI) is not configured.

🖼 BIMI ⓘ BIMI Spec Warning

No BIMI record found

🔒 CAA ⓘ RFC 8659 Success IODEF

CAA configured - only Amazon, Let's Encrypt, DigiCert, Sectigo can issue certificates

Authorized CAs: Amazon Let's Encrypt DigiCert Sectigo

```
0 issue "www.digicert.com"
```

```
0 issue "amazon.com"
```

```
0 issue "sectigo.com"
```

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

```
0 iodef "mailto:iodef@red.com"
```

🛡 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

ⓘ 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:

`ns-1449.awsdns-53.org`

`ns-1827.awsdns-36.co.uk`

`ns-193.awsdns-24.com`

`ns-738.awsdns-28.net`

🗺 Traffic & Routing Where traffic flows & how services resolve

A IPv4 Address

`3.169.71.84`

`3.169.71.75`

`3.169.71.5`

`3.169.71.8`

Where the domain points for web traffic

AAAA IPv6 Address

— No AAAA records IPv6 not configured

MX Mail Servers

`10 mx2.forwardemail.net.`

`10 mx1.forwardemail.net.`

Priority + mail server for email delivery

SRV Services

`_sip._tls: 100 1 443 sipdir.online.lync.com.`

`_sipfederationtls._tcp: 100 1 5061 sipfed.online.lync.com.`

SIP, XMPP, or other service endpoints

🌐 **Web:** Reachable (4 IPv4, 0 IPv6) ✉ **Mail:** 2 servers ⚙ **Services:** 2 endpoints

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🔄 **Δ Changes Detected:** **A** **TXT** 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
3.169.71.84	18.160.143.52
3.169.71.75	18.160.143.112
3.169.71.5	18.160.143.20
3.169.71.8	18.160.143.124
AAAA	0 / 0 records
No records	No records
MX ✓ **Synchronized**	2 / 2 records
10 mx2.forwardemail.net.	10 mx1.forwardemail.net.
10 mx1.forwardemail.net.	10 mx2.forwardemail.net.
TXT ⏱ **Propagating**	19 / 19 records
fub7Jg8wns9rH4Byn/ymd3bVcq7z9ufxhBkZWZjg JNDTRUiRYT8uM/QAvHZJMbLpHys5LwcZxFkbqWyS IFHd9A==	1password-site-verification=FL35IRPJAZA4 5EMAHJE3DM2P34

v=spf1 mx include:spf.protection.outlook.com include:mail.zendesk.com a:outboundips.netsuite.com include:rp.oracleemaildelivery.com include:eu.rp.oracleemaildelivery.com include:ap.rp.oracleemaildelivery.com include:sendgrid.net ip4:70.183.25.226 ip4:70.183.25.233 ip4:12.215.166.253 ip4:46.61.187.62 ip4:216.194.106.13 ip4:149.20.194.55 ip4:148.62.51.171 ip4:23.21.109.197 ip4:23.21.109.212 ip4:147.160.167.14 ip4:147.160.167.15 ip4:52.49.235.189 ip4:52.49.201.246 ~all	MS=ms90467680
forward-email-site-verification=IFdNp6eOx3	_m42h676p7k4b3h9fqw5ogb6m3empi48
google-site-verification=URKywT9Orj6_nk93ayvDWupzAH39Xci8dOxAsAuJgI0	apple-domain-verification=lrease1jj5yhKu1A
p=MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQDDIyp3V1j2XAo4c9eEIaNpO/W31jONArkhj3L7ttWF8BqCFfLfkB/QYWTIUvItbj3ZiVA5ODPW4/w7Rax7EW15uvs1y/oLT+kyKhTx8DGBWXCpaDOUfjOoSzb+Z/CsaBWBU2vd69lG/76O+I1xFW+6eQ24/fpr3k5mSrtVCrn2awIDAQAB	atlassian-domain-verification=fecVuukmD7HYkotOSHJeZj7bwwPi2KkUXN61uckFqkF4es9wozestIp1cmelFdUo
google-site-verification=rfoESIAfF6youN2T4_L_jsIdPbKG_k8abtuxZF2Eyv8	dropbox-domain-verification=9i3l1qna33qy
mdq267gx87p93v5k76fcg7s86xh7j1kg	facebook-domain-verification=i6l6p5krhuto4im0f98mvx3pbjfhvi
google-site-verification=V4yoSBiET77_9lNFGziBaIrPkhAGJdTjnJ70bmaMH28	forward-email-site-verification=IFdNp6eOx3
_m42h676p7k4b3h9fqw5ogb6m3empi48	fub7Jg8wns9rH4Byn/ymd3bVcq7z9ufxhBkZWZjgJNDTRUiRYT8uM/QAvHZJMbLpHys5LwcZxFkbqWySIFHd9A==
google-site-verification=wWF7PHkVbQ_Rxb2kv8-dUHz8-AwzLEEV33V9cCNr_hM	google-site-verification=URKywT9Orj6_nk93ayvDWupzAH39Xci8dOxAsAuJgI0
klaviyo-site-verification=SHA5cE	google-site-verification=V4yoSBiET77_9lNFGziBaIrPkhAGJdTjnJ70bmaMH28

v=spf2.0/pra a mx include:radicaepost.com include:spf.protection.outlook.com include:mailsenders.netsuite.com include:sent-via.netsuite.com ~all	google-site-verification=rfoESIAfF6youN2T4_L_jsIdPbKG_k8abtuxZF2Eyv8
traction-guest=0ca160cd-40d1-4986-8f39-6e435152eec5	google-site-verification=wWF7PHkVbQ_Rxb2kv8-dUHz8-AwzLEEV33V9cCNr_hM
atlassian-domain-verification=fecVuukmD7HYkotOSHJeZj7bwwPi2KkUXN61uckFqkF4es9wozestIp1cmelFdUo	klaviyo-site-verification=SHA5cE
apple-domain-verification=lrease1jj5yhKu1A	mdq267gx87p93v5k76fcg7s86xh7j1kg
dropbox-domain-verification=9i3l1qna33qy	p=MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQDDIyp3V1j2XAo4c9eEIaNpO/W31jONArkhj3L7ttWF8BqCFfLfkB/QYWTIUvItbj3ZiVA5ODPW4/w7Rax7EW15uvs1y/oLT+kyKhTx8DGBWXCpaDOUfjOoSzb+Z/CsaBWBU2vd69lG/76O+I1xFW+6eQ24/fpr3k5mSrtVCrn2awIDAQAB\
MS=ms90467680	traction-guest=0ca160cd-40d1-4986-8f39-6e435152eec5
facebook-domain-verification=i6l6p5krhuto4im0f98mvx3pbjfhvi	v=spf1 mx include:spf.protection.outlook.com include:mail.zendesk.com a:outboundips.netsuite.com include:rp.oracleemaildelivery.com include:eu.rp.oracleemaildelivery.com include:ap.rp.oracleemaildelivery.com include:sendgrid.net" " ip4:70.183.25.226 ip4:70.183.25.233 ip4:12.215.166.253 ip4:46.61.187.62 ip4:216.194.106.13 ip4:149.20.194.55 ip4:148.62.51.171 ip4:23.21.109.197 ip4:23.21.109.212 ip4:147.160.167.14 ip4:147.160.167.15 ip4:52.49.235.189 ip4:52.49.201.246 ~all
1password-site-verification=FL35IRPJAZA45EMAHJE3DM2P34	v=spf2.0/pra a mx include:radicaepost.com include:spf.protection.outlook.com include:mailsenders.netsuite.com include:sent-via.netsuite.com ~all

NS ✓ Synchronized   4 / 4 records

ns-193.awsdns-24.com.	ns-1449.awsdns-53.org.
ns-738.awsdns-28.net.	ns-1827.awsdns-36.co.uk.
ns-1449.awsdns-53.org.	ns-193.awsdns-24.com.
ns-1827.awsdns-36.co.uk.	ns-738.awsdns-28.net.

SRV	2 / 0 records
_sip._tls: 100 1 443 sipdir.online.lync.com.	_
_sipfederationtls._tcp: 100 1 5061 sipfed.online.lync.com.	_