

DNS Intelligence Report

red.com

 DNS & Trust Posture: **PARTIAL** ✖ 1 issue

Some critical security controls are missing.

 **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 53**

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**  RFC 7208

Success

~all

8/10 lookups

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

 **DMARC Policy**

 RFC 7489

Warning

p=none

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

```
v=DMARC1; p=none; rua=mailto:dmarc-68b7843f04d9df0d350c2996@forwardemail.net
```

 **DKIM Records**

 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.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 ip4:23.21.109.212 ip4:147.160.167.14 ip4:147.160.167.15 ip4:52.49.235.189 ip4:52.49.201.246 ~all
```

⚠ Policy p=none provides no protection

```
v=DKIM1; k=rsa; p=MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQDC/80iJzUEJ5QcG+eNG3Rs4R+hfERCx5T8L1m70N1NDSmIB1M6cER5aLXjkciDRRPKdSyRsMvkFVR51A7HWB6uQcB/0H4R43sg/HkHp+gY81PFrn2i8g0DBpE6L/dbxr6lroLnju4bqEX5dBk04RGan3DEB0FttTIosbv3X5b5XQIDAQAB;
```

⚠ Duplicate SPF records found!

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

```
v=spf2.0/pra a mx include:radicaepost.com include:spf.protection.outlook.com include:mailsenders.netsuite.com include:sent-via.netsuite.com ~all
```

🛡 MTA-STS ⓘ RFC 8461

Warning

No MTA-STS record found

📄 TLS-RPT ⓘ 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:  

 

0 iodef "mailto:iodef@red.com"

0 issue "amazon.com"

0 issue "letsencrypt.org"

0 issue "sectigo.com"

0 issue "www.digicert.com"

Domain Security

Can DNS itself be tampered with?

Partially

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

DNSSEC i 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

3.169.71.75

3.169.71.8

3.169.71.84

3.169.71.5

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 50 61 sipfed.online.lync.com.

SIP, XMPP, or other service endpoints

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

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
3.169.71.75	18.160.143.124
3.169.71.8	18.160.143.20
3.169.71.84	18.160.143.112
3.169.71.5	18.160.143.52
AAAA	0 / 0 records
<i>No records</i>	<i>No records</i>
MX	Synchronized
10 mx2.forwardemail.net.	10 mx1.forwardemail.net.
10 mx1.forwardemail.net.	10 mx2.forwardemail.net.
TXT	Propagating
atlassian-domain-verification=fecVuukmD7HYkotOSHJeZj7bwwPi2KkUXN61uckFqkF4es9wozestIp1cmelFdUo	1password-site-verification=FL35IRPJAZA45EMAHJE3DM2P34
forward-email-site-verification=IFdNp6e0x3	MS=ms90467680
MS=ms90467680	_m42h676p7k4b3h9fqw5ogb6m3emp148

fub7Jg8wns9rH4Byn/ymd3bVcq7z9ufxhBkZWZjgJNDTRUiRYT8uM/QAvHZJMbLpHys5LwcZxFkbqWySIFHd9A==	apple-domain-verification=lrelease1jj5yhKu1A
mdq267gx87p93v5k76fcg7s86xh7j1kg	atlassian-domain-verification=fecVuukmD7HYkot0SHJeZj7bwwPi2KkUXN61uckFqkF4es9wozestIp1cmelFdUo
google-site-verification=rfoESIAff6youN2T4_L_jsIdPbKG_k8abtuxZF2Evy8	dropbox-domain-verification=9i3l1qna33qy
apple-domain-verification=lrelease1jj5yhKu1A	facebook-domain-verification=i6l6p5krhuto4im0f98mvx3pbjfhvi
traction-guest=0ca160cd-40d1-4986-8f39-6e435152eec5	forward-email-site-verification=IFdNp6e0x3
p=MIGfMA0GCSqGSIb3DQEBAQUAA4GNADCBiQKBgQDDIyp3V1j2XAo4c9eEIaNp0/W31j0NArkhj3L7ttWF8BqCFFLfkb/QYWTIUVItbj3ZiVA50DPW4/w7Ra x7EW15uvs1y/oLT+kyKhTx8DGBWXCpaDOufj0oSzb+Z/CsaBWBu2vd69lG/760+I1xFW+6eQ24/fpr3k5mSrtVCrn2awIDAQAB	fub7Jg8wns9rH4Byn/ymd3bVcq7z9ufxhBkZWZjgJNDTRUiRYT8uM/QAvHZJMbLpHys5LwcZxFkbqWySIFHd9A==
google-site-verification=wWF7PHkVbQ_Rxb2kv8-dUHz8-AwzLEEV33V9cCNr_hM	google-site-verification=URKywT90rj6_nk93ayvDWupzAH39Xci8d0xAsAuJgI0
dropbox-domain-verification=9i3l1qna33qy	google-site-verification=V4yoSBiET77_9lNFGziBaIrPkhAGJdTjnJ70bmaMH28
klaviyo-site-verification=SHA5cE	google-site-verification=rfoESIAff6youN2T4_L_jsIdPbKG_k8abtuxZF2Evy8
v=spf1 mx include:spf.protection.outlook.com include:mail zendesk.com a:outboundips netsuite.com include:rp oracleemail delivery.com include:eu rp oracleemail delivery.com include:ap rp oracleemail delivery.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	google-site-verification=wWF7PHkVbQ_Rxb2kv8-dUHz8-AwzLEEV33V9cCNr_hM

facebook-domain-verification=i6l6p5krhut04im0f98mvx3pbjfhvi	klaviyo-site-verification=SHA5cE	
v=spf2.0/pra a mx include:radicaepost.com include:spf.protection.outlook.com include:mailsenders.netsuite.com include:send-via.netsuite.com ~all	mdq267gx87p93v5k76fcg7s86xh7j1kg	
google-site-verification=V4yoSBiET77_9lNFGziBaIrPkhAGJdTjnJ70bmaMH28	p=MIGfMA0GCSqGSIB3DQEBAQUAA4GNADCBiQKBgQDDIyp3V1j2XAo4c9eEIaNp0/W31j0NArhj3L7ttWF8BqCFfLfkb/QYWTIUvItbj3ZiVA50DPW4/w7Rax7EW15uvs1y/oLT+kyKhTx8DGBWXCpaD0Ufj0oSz b+Z/CsaBWB2vd69lG/760+I1xFW+6eQ24/fpr3k5mSrtVCrn2awIDAQAB\	
1password-site-verification=FL35IRPJAZA45EMAHJE3DM2P34	traction-guest=0ca160cd-40d1-4986-8f39-6e435152eec5	
google-site-verification=URKywT90rj6_nk93ayvDWupzAH39Xci8d0xAsAuJgI0	v=spf1 mx include:spf.protection.outlook.com include:mail.zendesk.com a:outbounds.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 ip4:216.194.10.6.13 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	
_m42h676p7k4b3h9fqw5ogb6m3empi48	v=spf2.0/pra a mx include:radicaepost.com include:spf.protection.outlook.com include:mailsenders.netsuite.com include:send-via.netsuite.com ~all	
NS ✓ Synchronized 4 / 4 records		
ns-193.awsdns-24.com.	ns-1449.awsdns-53.org.	
ns-1449.awsdns-53.org.	ns-1827.awsdns-36.co.uk.	
ns-1827.awsdns-36.co.uk.	ns-193.awsdns-24.com.	

ns-738.awsdns-28.net.	ns-738.awsdns-28.net.	2 / 0 records
SRV		
_sip._tls: 100 1 443 sipdir.online.lync.com.	—	
_sipfederationtls._tcp: 100 1 5061 sipfed.online.lync.com.	—	