IPv6 Readiness Report

reddit.com — reddit.com

Scan to verify

Category: Social Media • Generated: 02 Nov 2026, 03:11 MYT • Last Checked: 08 Aug 2026, 18:20 MYT • Verification ID: b3e1bef3-224f-41fe-868c-88b7bea2fced
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/b3e1bef3-224f-41fe-868c-88b7bea2fced

⚠
Partially Compliant
MGv6C-1.0

81%
Partial Support

IPV6-ONLY READINESS
Website: ✗ **Not Ready**
DNS: ✓ **Ready**
Email: ✓ **Ready**

IPV6 ADDRESSES
2a04:4e42:400::396
2a04:4e42:600::396
2a04:4e42:200::396
2a04:4e42::396

IPV4 ADDRESSES
151.101.65.140
151.101.1.140
151.101.129.140
151.101.193.140

Network Information (WHOIS / RDAP)

	IPv6 Network	IPv4 Network
Organization	FASTLY	Fastly, Inc.
Country	US	US
ASN	AS54113	AS54113
ASN Name	FASTLY - Fastly, Inc., US	FASTLY - Fastly, Inc., US
Network (CIDR)	2a04:4e42::/32	151.101.0.0/16

Web Services (35%) — 6 / 8

#	CHECK	RESULT	DETAIL
1	**AAAA Record**	PASS	2a04:4e42:400::396, 2a04:4e42:600::396, 2a04:4e42:200::396, 2a04:4e42::396
2	**Globally Routable IPv6**	PASS	All addresses are globally routable.
3	**HTTP over IPv6**	PASS	HTTP (port 80) responds over IPv6 — 3ms TTFB.
4	**HTTPS over IPv6**	PASS	HTTPS (port 443) responds over IPv6 — 8ms TTFB.
5	**IPv6-Only Reachability**	FAIL	Site is not reachable when limited to IPv6-only.
6	**TLS Certificate Valid (IPv6)**	PASS	Certificate valid — issued by C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1, expires Oct 4 23:59:59 2026 GMT
7	**Dual-Stack (IPv4 + IPv6)**	PASS	Domain has both A and AAAA records.
8	**HTTP/3 (QUIC)**	FAIL	No HTTP/3 support detected.

DNS & DNSSEC (25%) — 3 / 5

#	CHECK	RESULT	DETAIL
1	**NS Has AAAA Record**	PASS	Nameserver has IPv6 address.
2	**NS Reachable via IPv6**	PASS	Nameserver is reachable via IPv6 on port 53.
3	**NS Answers Queries via IPv6**	PASS	DNS queries answered over IPv6.
4	**DNSSEC Validated**	FAIL	DNSSEC validation failed or zone is unsigned.
5	**Reverse DNS (PTR)**	FAIL	No PTR record found.

#	CHECK	RESULT	DETAIL
6	**DS Record at Parent**	FAIL	No DS record at parent.
7	**RRSIG Valid**	FAIL	No valid RRSIG found.
8	**Signing Algorithm**	INFO	No DNSKEY record found.

Email Services (25%) — 6 / 6

#	CHECK	RESULT	DETAIL
1	**MX Record Exists**	PASS	MX record found.
2	**MX Server Has IPv6**	PASS	MX server has AAAA record.
3	**SMTP Reachable via IPv6**	PASS	SMTP port 25 responds over IPv6.
4	**STARTTLS over IPv6**	PASS	STARTTLS supported over IPv6.
5	**SPF Record**	PASS	SPF record found.
6	**DKIM Selector**	INFO	DKIM selector found: google._domainkey
7	**DMARC Record**	PASS	DMARC record found.

IPv4 Baseline (15%) — 3 / 3

#	CHECK	RESULT	DETAIL
1	**A Record**	PASS	151.101.65.140, 151.101.1.140, 151.101.129.140, 151.101.193.140
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 3ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 6ms TTFB.

Audit Trail & Evidence Record

Verification ID	b3e1bef3-224f-41fe-868c-88b7bea2fced
Domain	reddit.com
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:19:55 MYT
Finished	08 Aug 2026, 18:20:00 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/b3e1bef3-224f-41fe-868c-88b7bea2fced

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	0efe015dfa4f547284b6ad9a5a1771caf3fb7e0c94c601b72d06620caee56640
http_headers	d96e26c4cb6ad7e694503902600d82bf1d0654a96db2993d5e450b045f5f97cb
dns_responses	3f386b6f62fd25bf47dde2e7fa4b27ad92dc1c05ea67f24ecec88ab62865bf21
tls_handshake	c00d6b5f62e38b2afbebac8176b153c479ae7204b28dfe4aa68398e9cf898bf7
connectivity_log	7c8bebd7315a54bfcf4394bc1f32be9193d111a3ead1c76aaf7e54b57ee90c55
dns_resolution_times	b1e8669fb61b85b423ad7ee78895b6174bb84c49482576a6bfc554e6323fba62

Test Node Identity

Os	Linux srv1440888 6.8.0-136-generic #136-Ubuntu SMP PREEMPT_DYNAMIC Wed Jul 1 21:53:05 UTC 2026 x86_64
Hostname	srv1440888
Php Version	8.3.33
Server Ipv4	76.13.221.142
Server Ipv6	2a02:4780:5e:2789::1

DNS Resolution Performance

Comparison of A (IPv4) vs AAAA (IPv6) query times across resolvers and transports. Shows median (p50) and 95th percentile (p95) of 3 samples per tuple.

Resolver	Transport	A p50 (ms)	A p95 (ms)	AAAA p50 (ms)	AAAA p95 (ms)	Delta (ms)
System	Default	26.84	29.71	32.8	39.15	+6
Google	IPv4	33.25	34.84	38.83	63.09	+5.6
Google	IPv6	21.52	29.86	29.98	61.2	+8.5
Cloudflare	IPv4	22.42	23.39	21.88	23.45	-0.5
Cloudflare	IPv6	29.26	30.46	21.34	22.42	-7.9

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 813
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
reddit.com.□□300□IN□A□151.101.129.140
reddit.com.□□300□IN□A□151.101.1.140
reddit.com.□□300□IN□A□151.101.65.140
reddit.com.□□300□IN□A□151.101.193.140
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 29710
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.□□□890□IN□SOA□a.gtld-servers.net. nstld.verisign-grs.com. 1786184374 1800 900 604800 900
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 20563
;; flags: qr rd ra; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
reddit.com.□□300□IN□MX□10 aspmx2.googlemail.com.
reddit.com.□□300□IN□MX□10 aspmx3.googlemail.com.
reddit.com.□□300□IN□MX□5 alt1.aspmx.l.google.com.
reddit.com.□□300□IN□MX□5 alt2.aspmx.l.google.com.
reddit.com.□□300□IN□MX□1 aspmx.l.google.com.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 54393
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
reddit.com.□□59117□IN□NS□ns-557.awsdns-05.net.
reddit.com.□□59117□IN□NS□ns-1029.awsdns-00.org.
reddit.com.□□59117□IN□NS□ns-1887.awsdns-43.co.uk.
reddit.com.□□59117□IN□NS□ns-378.awsdns-47.com.
```

TXT

```
;; Truncated, retrying in TCP mode.
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 3734
;; flags: qr rd ra; QUERY: 1, ANSWER: 29, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
reddit.com.□□3600□IN□TXT□"a5897185-49e1-4181-9065-51bd24737466"
reddit.com.□□3600□IN□TXT□"apple-domain-verification=qC3rSSKrh10DoMI7"
reddit.com.□□3600□IN□TXT□"atlassian-domain-verification=aGWDxGvt+oY3p7qTWt5v2uJDVJkoJAeHxwGqKmGQLMEsUXUJJe/Pm/k+GGNPpn6M"
reddit.com.□□3600□IN□TXT□"atlassian-domain-verification=vBaV6PXyyu4OAPLiQFbxFMCboSTjoR/qxKJ2OlpI46ZEpZL/FVTIfMlgoM5Hy9eY"
reddit.com.□□3600□IN□TXT□"box-domain-verification=95c33f4ee4b11d8827190dbc5371ca7df25b961019116e5565ce4aa36de9be3a"
reddit.com.□□3600□IN□TXT□"cursor-domain-verification-f9fw38=WVB8yAMGTZXO7Je9DLuj1DIZB"
reddit.com.□□3600□IN□TXT□"docusign=6ba0c5a9-5a5e-41f8-a7c8-8b4c6e35c10c"
reddit.com.□□3600□IN□TXT□"google-site-verification=0uv13-wxlHK8FFKaUpgzyrVmL1YdNYW6v3PupLdw3JI"
reddit.com.□□3600□IN□TXT□"google-site-verification=5Qzlkl8HJJSBKnMI7rQGDr9Sgiir4Ey6klx1rWQCJ2M"
reddit.com.□□3600□IN□TXT□"google-site-verification=QO4VY1PRzsG-MxiQn3j0kxd_ZaFjcTk6MWBfKru0_5I"
reddit.com.□□3600□IN□TXT□"google-site-verification=oh_YJE560y0e6FHP1RT7NIjyTlBhACNMvD2EgSss0sc"
reddit.com.□□3600□IN□TXT□"google-site-verification=zZHozYbAJmSLOMG4OjQFoHiVqkxtdgvyBzsE7wUGFiw"
```

```
reddit.com.□□3600□IN□TXT□"jamf-site-verification=EGK11tNR4hezQg0jZaIDpA"
reddit.com.□□3600□IN□TXT□"jetbrains-domain-verification=bjn7o9fxbduga0omhaepeewtx"
reddit.com.□□3600□IN□TXT□"liveramp-site-verification=hNZ5ZAy1ufTpXrpCELrrtSzTlb4KU4h7UtDPpZdj9XA"
reddit.com.□□3600□IN□TXT□"onetrust-domain-verification=6b98ba3dd087405399bbf45b6cbdcd37"
reddit.com.□□3600□IN□TXT□"postman-domain-
verification=ad4c89daaf83d06f70cb6e8737cb323b039aeaae9e0e288c75081b0a715812a2d30e7c31402da867c70287ad8216da42074ffe7b4fcfcbf86f93163013293 08f"
reddit.com.□□3600□IN□TXT□"protonmail-verification=24cb91442caf54c8b820f4a0347292f143531210"
reddit.com.□□3600□IN□TXT□"stripe-verification=80aa7e2c9775fee2653f61b04b46da6fd227b56fecd9499e5f63cd0dcf563984"
reddit.com.□□3600□IN□TXT□"stripe-verification=9bd70dd1884421b47f596fea301e14838c9825cdba5b209990968fdc6f8010c7"
reddit.com.□□3600□IN□TXT□"twilio-domain-verification=5e37855d7c9445e967b31c5e0371ebb5"
reddit.com.□□3600□IN□TXT□"v=spf1 include:amazonses.com include:_spf.google.com include:19922862.spf01.hubspotemail.net include:reddit.deliver.highspot.com
exists:%{i}._spf.mta.salesforce.com ip4:103.151.192.0/23 ip4:185.12.80.0/22 " "ip4:188.172.128.0/20 ip4:192.161.144.0/20 ip4:216.198.0.0/18 include:sent-
via.netsuite.com ip4:52.50.24.208 ip4:35.174.145.124 ~all"
reddit.com.□□3600□IN□TXT□"yahoo-verification-key=I0We5FayJi0Q8XdjDgE5oN0ujM08heSVe46o/FvsMkk="
reddit.com.□□3600□IN□TXT□"00DV90000052YKT=1TBV90000000AsD"
reddit.com.□□3600□IN□TXT□"00Dbf000005OCRl=1TBbf0000000MJt"
reddit.com.□□3600□IN□TXT□"00Dbf000005OCTN=1TBbf0000000Mer"
reddit.com.□□3600□IN□TXT□"00Do0000000I6Pa=1TBcv0000000HQh"
reddit.com.□□3600□IN□TXT□"614ac4be-8664-4cea-8e29-f84d08ad875c"
reddit.com.□□3600□IN□TXT□"MS=ms71041902"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 39522
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
reddit.com.□□300□IN□AAAA□2a04:4e42:200::396
reddit.com.□□300□IN□AAAA□2a04:4e42:600::396
reddit.com.□□300□IN□AAAA□2a04:4e42:400::396
reddit.com.□□300□IN□AAAA□2a04:4e42::396
```

RRSIG

```
ns-557.awsdns-05.net. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 300
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 62930
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
reddit.com.□□296□IN□SOA□ns-557.awsdns-05.net. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 300
```

DNSSEC_VALIDATION

```
; unsigned answer
reddit.com.□□896□IN□SOA□ns-557.awsdns-05.net. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 300
```

TLS Handshake Evidence

IPV4 Connection

IP Used	151.101.65.140
IP Version	4

```
depth=2 C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G2
verify return:1
depth=1 C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
verify return:1
depth=0 C = US, ST = California, L = San Francisco, O = "Reddit, Inc.", CN = *.reddit.com
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = US, ST = California, L = San Francisco, O = "Reddit, Inc.", CN = *.reddit.com
   i:C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Apr  8 00:00:00 2026 GMT; NotAfter: Oct  4 23:59:59 2026 GMT
-----BEGIN CERTIFICATE-----
MIIG2DCCBcCgAwIBAgIQDp5PXYL8xBRf2I/TnCoxETANBgkqhkiG9w0BAQsFADBZ
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMTMwMQYDVQQDEypE
aWdpQ2VydCBHbG9iYWwgRzIgVExTIFJTQSBTSEEyNTYgMjAyMCBDQTEwHhcNMjYw
NDA4MDAwMDAwWhcNMjYxMDA0MjM1OTU5WjBoMQswCQYDVQQGEwJVUzETMBEGA1UE
CBMKQ2FsaWZvcm5pYTEWMBQGA1UEBxMNU2FuIEZyYW5jaXNjbzEVMBMGA1UEChMM
UmVkZGl0LCBJbmMuMRUwEwYDVQQDDAwqLnJlZGRpdC5jb20wggEiMA0GCSqGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQDP6ZpUo6Qa4iktRYFys6iLTM4ru6LXPZ5pbPMy
0WisAx0acFX4hlpC3JDn74Z+/VNs6sA4pSe0ynqW414KWu5lILOW1+Q6mT14cn1d
YRQ+ukUUItsFW73WyXQRi91aymVSUSCKU7XN0NevRSLJTSm3PXhqtZ8Dv0RISOXc
QwhwKB8C6afl3245ASRs5YCiAXQR3neuyhVVChb4dUVWp1SVDRuiJAF15z2UooMH
wNsAR90ILjnNWMbMDweHDh+bHWXgCUOo/a0sTao2bYaFeNy2uZ7FWMUba3ifKKFe
WV/3bC+wQQZFnxf2nFUlN3+1+14hc9t767kMgTUCk9hyl8IHAgMBAAGjggOLMIID
hzAfBgNVHSMEGDAWgBR0hYDAZsffN97PvSk3qgMdvu3NFzAdBgNVHQ4EFgQUceBQ
0eeAUvsjFGWdQ6eNMapWaSYwIwYDVR0RBBwwGoIMKi5yZWRkaXQuY29tggpyZWRk
aXQuY29tMD4GA1UdIAQ3MDUwMwYGZ4EMAQICMCkwJwYIKwYBBQUHAgEWG2h0dHA6
Ly93d3cuZGlnaWNlcnQuY29tL0NQUzAOBgNVHQ8BAf8EBAMCBaAwEwYDVR0lBAww
CgYIKwYBBQUHAwEwgZ8GA1UdHwSBlzCBlDBIoEagRIZCaHR0cDovL2NybDMuZGln
aWNlcnQuY29tL0RpZ2lDZXJ0R2xvYmFsRzJUTFNSU0FTSEEyNTYyMDIwQ0ExLTEu
Y3JsMEigRqBEhkJodHRwOi8vY3JsNC5kaWdpY2VydC5jb20vRGlnaUNlcnRHbG9i
YWxHMlRMU1JTQVNIQTI1NjIwMjBDQTEtMS5jcmwwgYcGCCsGAQUFBwEBBHsweTAk
BggrBgEFBQcwAYYaHR0cDovL29jc3AuZGlnaWNlcnQuY29tMFEGCCsGAQUFBzAC
hkVodHRwOi8vY2FjZXJ0cy5kaWdpY2VydC5jb20vRGlnaUNlcnRHbG9iYWxHMlRM
U1JTQVNIQTI1NjIwMjBDQTEtMS5jcnQwDAYDVR0TAQH/BAIwADCCAX8GCisGAQQB
1nkCBAIEggFvBIIBawFpAHcAwjF+V0UZo0XufzjespBB68fCIVoiv3/Vta12mtkO
Us0AAAGdamSQ2gAABAMASDBGAiEAltMhEtzQhNmppPKdHB+4bvQt14U48rZRaMlM
wfBMNKUCIQCntX8KoyJMKlyq7oeRd/c7Tbw9gwQeNN6VCUrA/82sfgB1ANdtfRDR
p/V3wsfpX9cAv/mCyTNaZeHQswFzF8DIxWl3AAABnWpkkNgAAAQDAEYwRAIgdF0U
/MYm96SDhNMnq78epzCh1U0jKM0DbiTJyptMA0YCIHG7LsXNFYBjySg8MT86nlvd
4H9pr9bbOZ4bYtxtwqe6AHcAlE5Dh/rswe+B8xkkJqgYZQHH0184AgE/cmd9VTcu
GdgAAAGdamSQ9gAABAMASDBGAiEAuS8mGgbvBsWLGIim70jEw+leIepNq3/gzGA6
35+NxkQCIQCt3Pv9L1Sk+/5H/1NUgsrKdewnVRK90U/1cnQSRXhePzANBgkqhkiG
9w0BAQsFAAOCAQEARXDNUcZwmLJZIt27LhaHWUdUnducvqH3wZA9Dx8bb6SvVm+j
vdgV2Yyc6GOqQgWjAqhftY+c8+jGzrsd7bXNZgu8fT77OrFdEBHJdgF8jrTCbp0P
pebQIjlVJItE8js11OYgCSUBza0WGgFcqtYsO7nQi5kd1ml67k0yBcLUnNv32V6p
j3qzWwGrwZ03QllLzIRDdzpK2c2E8gWAfBg4P/KAuR8miwaRhbVd6gIxj9Fo3xhu
h/tQs0B9wnWEPXzMnKeSRj7rqy9Mo6qHBg0oawvZI/S/ena5/NvMmsXTQAJR3S17
+BRlKMjyNdyatMrDjhCD5OuvHml9ome3kl2Lmg==
-----END CERTIFICATE-----
 1 s:C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
   i:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G2
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Mar 30 00:00:00 2021 GMT; NotAfter: Mar 29 23:59:59 2031 GMT
-----BEGIN CERTIFICATE-----
MIIEyDCCA7CgAwIBAgIQDPW9BitWAvR6uFAsI8zwZjANBgkqhkiG9w0BAQsFADBh
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMRkwFwYDVQQLExB3
d3cuZGlnaWNlcnQuY29tMSAwHgYDVQQDExdEaWdpQ2VydCBHbG9iYWwgUm9vdCBH
MjAeFw0yMTAzMzAwMDAwMDBaFw0zMTAzMjkyMzU5NTlaMFkxCzAJBgNVBAYTAlVT
MRUwEwYDVQQKEwxEaWdpQ2VydCBJbmMxMzAxBgNVBAMTKkRpZ2lDZXJ0IEdsb2Jh
bCBHMiBUTFMgUlNBIFNIQTI1NiAyMDIwIENBMTCCASIwDQYJKoZIhvcNAQEBBQAD
ggEPADCCAQoCggEBAMz3EGJPprtjb+2QUlbFbSd7ehJWivH0+dbn4Y+9lavyYEEV
cNsSAPonCrVXOFt9slGTcZUOakGUWzUb+nv6u8W+JDD+Vu/E832X4xT1FE3LpxDy
FuqrIvAxIhFhaZAmunjZlx/jfWardUSVc8is/+9dCopZQ+GssjoP80j812s3wWPc
3kbW20X+fSP9kOhRBx5Ro1/tSUZUfyyIxfQTnJcVPAPooTncaQwywa8WV0yUR0J8
osicfebUTVSvQpmowQTCd5zWSOTOEeAqgJnwQ3DPP3Zr0UxJqyRewg2C/Uaoq2yT
zGJSQnWS+Jr6Xl6ysGHlHx+5fwmY6D36g39HaaECAwEAAaOCAYIwggF+MBIGA1Ud
EwEB/wQIMAYBAf8CAQAwHQYDVR0OBBYEFHSFgMBmx9833s+9KTeqAx2+7c0XMB8G
A1UdIwQYMBaAFE4iVCAYlebjbuYP+vq5Eu0GF485MA4GA1UdDwEB/wQEAwIBhjAd
BgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUHAwIwdgYIKwYBBQUHAQEEajBoMCQG
```

```
CCsGAQUFBzABhhhodHRwOi8vb2NzcC5kaWdpY2VydC5jb20wQAYIKwYBBQUHMAKG
NGh0dHA6Ly9jYWNlcnRzLmRpZ2ljZXJ0LmNvbS9EaWdpQ2VydEdsb2JhbFJvb3RH
Mi5jcnQwQgYDVR0fBDswOTA3oDWgM4YxaHR0cDovL2NybDMuZGlnaWNlcnQuY29t
L0RpZ2lDZXJ0R2xvYmFsUm9vdEcyLmNybDA9BgNVHSAENjA0MAsGCWCGSAGG/WwC
ATAHBgVngQwBATAIBgZngQwBAgEwCAYGZ4EMAQICMAgGBmeBDAECAzANBgkqhkiG
9w0BAQsFAAOCAQEAkPFwyyiXaZd8dP3A+iZ7U6utzWX9upwGnIrXWkOH7U1MVl+t
wcW1BSAuWdH/SvWgKtiwla3JLko716f2b4gp/DA/JIS7w7d7kwcsr4drdjPtAFVS
slme5LnQ89/nD/7d+MS5EHKBCQRfz5eeLjJ1js+aWNJXMX43AYGyZm0pGrFmCW3R
bpD0ufovARTFXFZkAdl9h6g4U5+LXUZtXMYnhIHUfoyMo5tS58aI7Dd8KvvwVVo4
chDYABPPTHPbqjc1qCmBaZx2vN4Ye5DUys/vZwP9BFohFrH/6j/f3IL16/RZkiMN
JCqVJUzKoZHm1Lesh3Sz8W2jmdv51b2EQJ8HmA==
-----END CERTIFICATE-----
---
Server certificate
subject=C = US, ST = California, L = San Francisco, O = "Reddit, Inc.", CN = *.reddit.com
issuer=C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: RSA-PSS
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 3533 bytes and written 376 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_128_GCM_SHA256
Server public key is 2048 bit
Secure Renegotiation IS NOT supported
```

IPV6 Connection

IP Used	2a04:4e42:400::396
IP Version	6

```
depth=2 C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G2
verify return:1
depth=1 C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
verify return:1
depth=0 C = US, ST = California, L = San Francisco, O = "Reddit, Inc.", CN = *.reddit.com
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = US, ST = California, L = San Francisco, O = "Reddit, Inc.", CN = *.reddit.com
   i:C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Apr  8 00:00:00 2026 GMT; NotAfter: Oct  4 23:59:59 2026 GMT
-----BEGIN CERTIFICATE-----
MIIG2DCCBcCgAwIBAgIQDp5PXYL8xBRf2I/TnCoxETANBgkqhkiG9w0BAQsFADBZ
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMTMwMQYDVQQDEypE
aWdpQ2VydCBHbG9iYWwgRzIgVExTIFJTQSBTSEEyNTYgMjAyMCBDQTEwHhcNMjYw
NDA4MDAwMDAwWhcNMjYxMDA0MjM1OTU5WjBoMQswCQYDVQQGEwJVUzETMBEGA1UE
CBMKQ2FsaWZvcm5pYTEWMBQGA1UEBxMNU2FuIEZyYW5jaXNjbzEVMBMGA1UEChMM
UmVkZGl0LCBJbmMuMRUwEwYDVQQDDAwqLnJlZGRpdC5jb20wggEiMA0GCSqGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQDP6ZpUo6Qa4iktRYFys6iLTM4ru6LXPZ5pbPMy
0WisAx0acFX4hlpC3JDn74Z+/VNs6sA4pSe0ynqW414KWu5lILOW1+Q6mT14cn1d
YRQ+ukUUItsFW73WyXQRi91aymVSUSCKU7XN0NevRSLJTSm3PXhqtZ8Dv0RISOXc
QwhwKB8C6afl3245ASRs5YCiAXQR3neuyhVVChb4dUVWp1SVDRuiJAF15z2UooMH
wNsAR90ILjnNWMbMDweHDh+bHWXgCUOo/a0sTao2bYaFeNy2uZ7FWMUba3ifKKFe
WV/3bC+wQQZFnxf2nFUlN3+1+14hc9t767kMgTUCk9hyl8IHAgMBAAGjggOLMIID
hzAfBgNVHSMEGDAWgBR0hYDAZsffN97PvSk3qgMdvu3NFzAdBgNVHQ4EFgQUceBQ
0eeAUvsjFGWdQ6eNMapWaSYwIwYDVR0RBBwwGoIMKi5yZWRkaXQuY29tggpyZWRk
aXQuY29tMD4GA1UdIAQ3MDUwMwYGZ4EMAQICMCkwJwYIKwYBBQUHAgEWG2h0dHA6
Ly93d3cuZGlnaWNlcnQuY29tL0NQUzAOBgNVHQ8BAf8EBAMCBaAwEwYDVR0lBAww
CgYIKwYBBQUHAwEwgZ8GA1UdHwSBlzCBlDBIoEagRIZCaHR0cDovL2NybDMuZGln
aWNlcnQuY29tL0RpZ2lDZXJ0R2xvYmFsRzJUTFNSU0FTSEEyNTYyMDIwQ0ExLTEu
Y3JsMEigRqBEhkJodHRwOi8vY3JsNC5kaWdpY2VydC5jb20vRGlnaUNlcnRHbG9i
YWxHMlRMU1JTQVNIQTI1NjIwMjBDQTEtMS5jcmwwgYcGCCsGAQUFBwEBBHsweTAk
BggrBgEFBQcwAYYYaHR0cDovL29jc3AuZGlnaWNlcnQuY29tMFEGCCsGAQUFBzAC
hkVodHRwOi8vY2FjZXJ0cy5kaWdpY2VydC5jb20vRGlnaUNlcnRHbG9iYWxHMlRM
U1JTQVNIQTI1NjIwMjBDQTEtMS5jcnQwDAYDVR0TAQH/BAIwADCCAX8GCisGAQQB
1nkCBAIEggFvBIIBawFpAHcAwjF+V0UZo0XufzjespBB68fCIVoiv3/Vta12mtkO
Us0AAAGdamSQ2gAABAMASDBGAiEAltMhEtzQhNmppPKdHB+4bvQt14U48rZRaMlM
wfBMNKUCIQCntX8KoyJMKlyq7oeRd/c7Tbw9gwQeNN6VCUrA/82sfgB1ANdtfRDR
p/V3wsfpX9cAv/mCyTNaZeHQswFzF8DIxWl3AAABnWpkkNgAAAQDAEYwRAIgdF0U
/MYm96SDhNMnq78epzCh1U0jKM0DbiTJyptMA0YCIHG7LsXNFYBjySg8MT86nlvd
4H9pr9bbOZ4bYtxtwqe6AHcAlE5Dh/rswe+B8xkkJqgYZQHH0184AgE/cmd9VTcu
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35+NxkQCIQCt3Pv9L1Sk+/5H/1NUgsrKdewnVRK90U/1cnQSRXhePzANBgkqhkiG
```

```
9w0BAQsFAAOCAQEARXDNUcZwmLJZIt27LhaHWUdUnducvqH3wZA9Dx8bb6SvVm+j
vdgV2Yyc6GOqQgWjAqhftY+c8+jGzrsd7bXNZgu8fT77OrFdEBHJdgF8jrTCbp0P
pebQIjlVJItE8js11OYgCSUBza0WGgFcqtYsO7nQi5kd1ml67k0yBcLUnNv32V6p
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h/tQs0B9wnWEPXzMnKeSRj7rqy9Mo6qHBg0oawvZI/S/ena5/NvMmsXTQAJR3S17
+BR1KMjyNdyatMrDjhCD5OuvHml9ome3k12Lmg==
-----END CERTIFICATE-----
 1 s:C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
   i:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G2
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Mar 30 00:00:00 2021 GMT; NotAfter: Mar 29 23:59:59 2031 GMT
-----BEGIN CERTIFICATE-----
MIIEyDCCA7CgAwIBAgIQDPW9BitWAvR6uFAsI8zwZjANBgkqhkiG9w0BAQsFADBh
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMRkwFwYDVQQLExB3
d3cuZGlnaWNlcnQuY29tMSAwHgYDVQQDExdEaWdpQ2VydCBHbG9iYWwgUm9vdCBH
MjAeFw0yMTAzMzAwMDAwMDBaFw0zMTAzMjkyMzU5NTlaMFkxCzAJBgNVBAYTAlVT
MRUwEwYDVQQKEwxEaWdpQ2VydCBJbmMxMzAxBgNVBAMTKkRpZ2lDZXJ0IEdsb2Jh
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EwEB/wQIMAYBAf8CAQAwHQYDVR0OBBYEFHSFgMBmx9833s+9KTeqAx2+7c0XMB8G
A1UdIwQYMBaAFE4iVCAYlebjbuYP+vq5Eu0GF485MA4GA1UdDwEB/wQEAwIBhjAd
BgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUHAwIwdgYIKwYBBQUHAQEEajBoMCQG
CCsGAQUFBzABhhhodHRwOi8vb2NzcC5kaWdpY2VydC5jb20wQAYIKwYBBQUHMAKG
NGh0dHA6Ly9jYWNlcnRzLmRpZ2ljZXJ0LmNvbS9EaWdpQ2VydEdsb2JhbFJvb3RH
Mi5jcnQwQgYDVR0fBDswOTA3oDWgM4YxaHR0cDovL2NybDMuZGlnaWNlcnQuY29t
L0RpZ2lDZXJ0R2xvYmFsUm9vdEcyLmNybDA9BgNVHSAENjA0MAsGCWCGSAGG/WwC
ATAHBgVngQwBATAIBgZngQwBAgEwCAYGZ4EMAQICMAgGBmeBDAECAzANBgkqhkiG
9w0BAQsFAAOCAQEAkPFwyyiXaZd8dP3A+iZ7U6utzWX9upwGnIrXWkOH7U1MVl+t
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slme5LnQ89/nD/7d+MS5EHKBCQRfz5eeLjJ1js+aWNJXMX43AYGyZm0pGrFmCW3R
bpD0ufovARTFXFZkAdl9h6g4U5+LXUZtXMYnhIHUfoyMo5tS58aI7Dd8KvvwVVo4
chDYABPPTHPbqjc1qCmBaZx2vN4Ye5DUys/vZwP9BFohFrH/6j/f3IL16/RZkiMN
JCqVJUzKoZHm1Lesh3Sz8W2jmdv51b2EQJ8HmA==
-----END CERTIFICATE-----
---
Server certificate
subject=C = US, ST = California, L = San Francisco, O = "Reddit, Inc.", CN = *.reddit.com
issuer=C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: RSA-PSS
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 3533 bytes and written 376 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_128_GCM_SHA256
Server public key is 2048 bit
Secure Renegotiation IS NOT supported
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	403
Connected IP	151.101.65.140
Connect Time	0.88 ms
TTFB	2.28 ms
Total Time	2.3 ms

Response Headers:


```
[
    "HTTP/1.1 403 Blocked",
    "Connection: close",
    "Content-Length: 1486",
    "Retry-After: 0",
    "Content-Type: text/html",
    "Cache-Control: private, no-store",
    "Accept-Ranges: bytes",
    "Date: Sat, 08 Aug 2026 10:20:00 GMT",
    "Via: 1.1 varnish",
    "server-timing: reddit-ct;desc=\"dn=FT,p=KUL,cs=MISS\"",
    "X-Content-Type-Options: nosniff",
    "X-Frame-Options: SAMEORIGIN",
    "X-XSS-Protection: 1; mode=block",
    "Server: snooserv",
    "Report-To: {\"group\": \"w3-reporting-nel\", \"max_age\": 14400, \"include_subdomains\": true,  \"endpoints\": [{ \"url\": \"https://w3-reporting-nel.reddit.com/reports\" }]}, {\"group\": \"w3-reporting\", \"max_age\": 14400, \"include_subdomains\": true, \"endpoints\": [{ \"url\": \"https://w3-reporting.reddit.com/reports\" }]}, {\"group\": \"w3-reporting-csp\", \"max_age\": 14400, \"include_subdomains\": true, \"endpoints\": [{ \"url\": \"https://w3-reporting-csp.reddit.com/reports\" }]}",
    "NEL: {\"report_to\": \"w3-reporting-nel\", \"max_age\": 14400, \"include_subdomains\": false, \"success_fraction\": 1.0, \"failure_fraction\": 1.0}"
]
```


IPv6 HTTP (port 80)

HTTP Status	403
Connected IP	2a04:4e42:400::396
Connect Time	0.92 ms
TTFB	2.55 ms
Total Time	2.63 ms

Response Headers:


```
[
    "HTTP/1.1 403 Blocked",
    "Connection: close",
    "Content-Length: 1486",
    "Retry-After: 0",
    "Content-Type: text/html",
    "Cache-Control: private, no-store",
    "Accept-Ranges: bytes",
    "Date: Sat, 08 Aug 2026 10:19:59 GMT",
    "Via: 1.1 varnish",
    "server-timing: reddit-ct;desc=\"dn=FT,p=KUL,cs=MISS\"",
    "X-Content-Type-Options: nosniff",
    "X-Frame-Options: SAMEORIGIN",
    "X-XSS-Protection: 1; mode=block",
    "Server: snooserv",
    "Report-To: {\"group\": \"w3-reporting-nel\", \"max_age\": 14400, \"include_subdomains\": true,  \"endpoints\": [{ \"url\": \"https://w3-reporting-nel.reddit.com/reports\" }]}, {\"group\": \"w3-reporting\", \"max_age\": 14400, \"include_subdomains\": true, \"endpoints\": [{ \"url\": \"https://w3-reporting.reddit.com/reports\" }]}, {\"group\": \"w3-reporting-csp\", \"max_age\": 14400, \"include_subdomains\": true, \"endpoints\": [{ \"url\": \"https://w3-reporting-csp.reddit.com/reports\" }]}",
    "NEL: {\"report_to\": \"w3-reporting-nel\", \"max_age\": 14400, \"include_subdomains\": false, \"success_fraction\": 1.0, \"failure_fraction\": 1.0}"
]
```


IPv4 HTTPS (port 443)

HTTP Status	403
Connected IP	151.101.65.140
Connect Time	0.73 ms

TTFB	8.64 ms
Total Time	8.68 ms

Response Headers:


```
[
    "HTTP/2 403",
    "retry-after: 0",
    "content-type: text/html",
    "cache-control: private, no-store",
    "accept-ranges: bytes",
    "date: Sat, 08 Aug 2026 10:20:00 GMT",
    "via: 1.1 varnish",
    "server-timing: reddit-ct;desc=\"dn=FT,p=KUL,cs=MISS\"",
    "strict-transport-security: max-age=31536000; includeSubdomains; preload",
    "x-content-type-options: nosniff",
    "x-frame-options: SAMEORIGIN",
    "x-xss-protection: 1; mode=block",
    "server: snooserv",
    "report-to: {\"group\": \"w3-reporting-nel\", \"max_age\": 14400, \"include_subdomains\": true,  \"endpoints\": [{ \"url\": \"https://w3-reporting-nel.reddit.com/reports\" }]}, {\"group\": \"w3-reporting\", \"max_age\": 14400, \"include_subdomains\": true, \"endpoints\": [{ \"url\": \"https://w3-reporting.reddit.com/reports\" }]}, {\"group\": \"w3-reporting-csp\", \"max_age\": 14400, \"include_subdomains\": true, \"endpoints\": [{ \"url\": \"https://w3-reporting-csp.reddit.com/reports\" }]}",
    "nel: {\"report_to\": \"w3-reporting-nel\", \"max_age\": 14400, \"include_subdomains\": false, \"success_fraction\": 1.0, \"failure_fraction\": 1.0}",
    "content-length: 1486"
]
```


IPv6 HTTPS (port 443)

HTTP Status	403
Connected IP	2a04:4e42:400::396
Connect Time	0.81 ms
TTFB	9.48 ms
Total Time	9.51 ms

Response Headers:


```
[
    "HTTP/2 403",
    "retry-after: 0",
    "content-type: text/html",
    "cache-control: private, no-store",
    "accept-ranges: bytes",
    "date: Sat, 08 Aug 2026 10:19:59 GMT",
    "via: 1.1 varnish",
    "server-timing: reddit-ct;desc=\"dn=FT,p=KUL,cs=MISS\"",
    "strict-transport-security: max-age=31536000; includeSubdomains; preload",
    "x-content-type-options: nosniff",
    "x-frame-options: SAMEORIGIN",
    "x-xss-protection: 1; mode=block",
    "server: snooserv",
    "report-to: {\"group\": \"w3-reporting-nel\", \"max_age\": 14400, \"include_subdomains\": true,  \"endpoints\": [{ \"url\": \"https://w3-reporting-nel.reddit.com/reports\" }]}, {\"group\": \"w3-reporting\", \"max_age\": 14400, \"include_subdomains\": true, \"endpoints\": [{ \"url\": \"https://w3-reporting.reddit.com/reports\" }]}, {\"group\": \"w3-reporting-csp\", \"max_age\": 14400, \"include_subdomains\": true, \"endpoints\": [{ \"url\": \"https://w3-reporting-csp.reddit.com/reports\" }]}",
    "nel: {\"report_to\": \"w3-reporting-nel\", \"max_age\": 14400, \"include_subdomains\": false, \"success_fraction\": 1.0, \"failure_fraction\": 1.0}",
    "content-length: 1486"
]
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.000789 0.002254
TCP Connect IPv6 → port 80	301 0.000856 0.002408
TCP Connect IPv4 → port 443	301 0.001841 0.026064
TCP Connect IPv6 → port 443	301 0.000854 0.025262

Test Node Network Evidence

Node Profile	dual stack

Egress Connectivity

IPv4 Egress	unreachable
IPv6 Egress	unreachable

Sysctl IPv6 Flags

net.ipv6.conf.all.disable_ipv6	0

IPv6 Routes

```
2a02:4780:5e::/48 dev eth0 proto kernel metric 256 pref medium
fd7a:115c:a1e0::1136:5807 dev tailscale0 proto kernel metric 256 pref medium
fe80::/64 dev eth0 proto kernel metric 256 pref medium
fe80::/64 dev tailscale0 proto kernel metric 256 pref medium
default via 2a02:4780:5e::1 dev eth0 proto static metric 1024 pref medium
```

IPv4 Routes

```
default via 76.13.221.254 dev eth0 proto static
10.6.101.0/24 dev wg0 scope link
10.6.102.0/24 dev wg0 scope link
76.13.221.0/24 dev eth0 proto kernel scope link src 76.13.221.142
172.29.0.0/24 dev wg0 scope link
```