IPv6 Readiness Report

twitter.com — twitter.com

Scan to verify

Category: Social Media • Generated: 02 Nov 2026, 03:07 MYT • Last Checked: 08 Aug 2026, 18:19 MYT • Verification ID: 2a4e034f-596a-43f7-b725-30b63a107c7c
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/2a4e034f-596a-43f7-b725-30b63a107c7c

✗
Non-Compliant
MGv6C-1.0

40%
No IPv6 Support

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

IPV4 ADDRESSES
`162.159.140.229`

Network Information (WHOIS / RDAP)

	IPv4 Network
Organization	Cloudflare, Inc.
Country	US
ASN	AS13335
ASN Name	CLOUDFLARENET - Cloudflare, Inc., US
Network (CIDR)	162.158.0.0/15

Web Services (35%) — 0 / 8

#	CHECK	RESULT	DETAIL
1	**AAAA Record**	FAIL	No AAAA record found in DNS.
2	**Globally Routable IPv6**	FAIL	IPv6 address is not globally routable.
3	**HTTP over IPv6**	FAIL	HTTP is not accessible over IPv6.
4	**HTTPS over IPv6**	FAIL	HTTPS is not accessible over IPv6.
5	**IPv6-Only Reachability**	FAIL	Site is not reachable when limited to IPv6-only.
6	**TLS Certificate Valid (IPv6)**	FAIL	TLS certificate is invalid, expired, or hostname mismatch over IPv6.
7	**Dual-Stack (IPv4 + IPv6)**	FAIL	Domain is IPv6-only or IPv4-only.
8	**HTTP/3 (QUIC)**	FAIL	No HTTP/3 support detected.

DNS & DNSSEC (25%) — 0 / 5

#	CHECK	RESULT	DETAIL
1	**NS Has AAAA Record**	FAIL	No nameserver has an AAAA record.
2	**NS Reachable via IPv6**	FAIL	No nameserver is reachable over IPv6.
3	**NS Answers Queries via IPv6**	FAIL	Nameserver does not answer queries over IPv6.
4	**DNSSEC Validated**	FAIL	DNSSEC validation failed or zone is unsigned.
5	**Reverse DNS (PTR)**	FAIL	No PTR record found.
6	**DS Record at Parent**	FAIL	No DS record at parent.
7	**RRSIG Valid**	FAIL	No valid RRSIG found.

#	CHECK	RESULT	DETAIL
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	162.159.140.229
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 376ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 250ms TTFB.

Audit Trail & Evidence Record

Verification ID	2a4e034f-596a-43f7-b725-30b63a107c7c
Domain	twitter.com
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:19:47 MYT
Finished	08 Aug 2026, 18:19:52 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/2a4e034f-596a-43f7-b725-30b63a107c7c

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	b425e7b8adac26174cd8f644afad0e5dfaeee4d875bb5fbaa8316916bd1d1b21
http_headers	10beb724f1ec08eb33e8e426e1239b1192cb5e251b1dc8f3f7763fea219e909d
dns_responses	5ec35b7c7a61bb08e48949d3f596c3f544031db27cefe4f68ac8fc6f96eb177e
tls_handshake	2f85a378faeed5413674bf8807bb505c652d9bb7844d556ba53cd584447198d1
connectivity_log	eaac19e6059474ded469fba2ad61d6ba0fa142f283a30a338d4c0ff0f0fc5d6b
dns_resolution_times	1093cc05bc9d2fa59889eda34bfc7747194e7e258b01e5f624464eafc895d9e5

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	33.16	38.57	18.81	20.82	-14.4
Google	IPv4	18.35	21.46	27.34	36.97	+9
Google	IPv6	54.71	65.66	28.88	33.1	-25.8
Cloudflare	IPv4	31.93	35.03	21.97	31.36	-10
Cloudflare	IPv6	26.56	30.82	20.67	21.76	-5.9

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 64578
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
twitter.com.□□300□IN□A□172.66.0.227
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 10616
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.□□□899□IN□SOA□a.gtld-servers.net. nstld.verisign-grs.com. 1786184374 1800 900 604800 900
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 931
;; flags: qr rd ra; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
twitter.com.□□300□IN□MX□1 aspmx.l.google.com.
twitter.com.□□300□IN□MX□10 alt3.aspmx.l.google.com.
twitter.com.□□300□IN□MX□10 alt4.aspmx.l.google.com.
twitter.com.□□300□IN□MX□5 alt1.aspmx.l.google.com.
twitter.com.□□300□IN□MX□5 alt2.aspmx.l.google.com.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 10180
;; flags: qr rd ra; QUERY: 1, ANSWER: 8, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
twitter.com.□□13999□IN□NS□a.u06.twtrdns.net.
twitter.com.□□13999□IN□NS□b.r06.twtrdns.net.
twitter.com.□□13999□IN□NS□b.u06.twtrdns.net.
twitter.com.□□13999□IN□NS□c.r06.twtrdns.net.
twitter.com.□□13999□IN□NS□c.u06.twtrdns.net.
twitter.com.□□13999□IN□NS□d.r06.twtrdns.net.
twitter.com.□□13999□IN□NS□d.u06.twtrdns.net.
twitter.com.□□13999□IN□NS□a.r06.twtrdns.net.
```

TXT

```
;; Truncated, retrying in TCP mode.
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 32474
;; flags: qr rd ra; QUERY: 1, ANSWER: 23, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
twitter.com.□□293□IN□TXT□"slack-domain-verification=9oO8P4Glf4252QJDOg4rHGs6KlSkBuI5ZVmWRO8d"
twitter.com.□□293□IN□TXT□"stripe-verification=46F7B88485621DC18923B43D12E90E6CDBCE232F2FEBCF084E6EFA91F6BA707D"
twitter.com.□□293□IN□TXT□"traction-guest=6882b04e-4188-4ff9-8bb4-bff5a3d358e6"
twitter.com.□□293□IN□TXT□"traction-guest=a4d0248d-fe01-4222-8fcc-33f68323e667"
twitter.com.□□293□IN□TXT□"v=spf1 ip4:199.16.156.0/22 ip4:199.59.148.0/22 ip4:8.25.194.0/23 ip4:8.25.196.0/23 ip4:204.92.114.203 ip4:204.92.114.204/31
include:_spf.google.com include:_thirdparty.twitter.com -all"
twitter.com.□□293□IN□TXT□"wrike-verification=MjU4MTA5MjoyN2UzNDc1MjU3MDZiZTY4NjBiNzliNDQ2OTUwNWY3NmM5NDgyMTBlYzFkNTcwYTE2YWNmZDdkNTY2ZmE4Yzlh"
twitter.com.□□293□IN□TXT□"0a8c0fc6-bfa5-4ea7-b09b-87f2989022d6"
twitter.com.□□293□IN□TXT□"MS=BEE202D20C326867290BDEFA2DDDF4594B5D6860"
twitter.com.□□293□IN□TXT□"adobe-idp-site-verification=a2ff8fc40c434d1d6f02f68b0b1a683e400572ab8c1f2c180c71c3d985b9270a"
twitter.com.□□293□IN□TXT□"apple-domain-verification=zd1iHoEO9LILEQIq"
```

```
twitter.com.□□293□IN□TXT□"atlassian-domain-verification=j6u0o1PTkobCXC84uEF/sWpIPtaZURBVYqKzmTvT8wugLcHT1vvrzzA63iP1qSLN"
twitter.com.□□293□IN□TXT□"bj6sbt5xqs9hw9jrfvz7hplrg0l680sb"
twitter.com.□□293□IN□TXT□"canva-site-verification=lMnZ3wMh7c1uqZqa-cxZTg"
twitter.com.□□293□IN□TXT□"google-site-verification=600dQ0pZYsH2xOFt4hYmf5f5NpjCbWE_qk5Y04dErYM"
twitter.com.□□293□IN□TXT□"google-site-verification=F2uUiLUsD6kQlpUVQzxUM3PHa0uPo5GBS84SCG8QwXI"
twitter.com.□□293□IN□TXT□"google-site-verification=P9-NRZ0gaRKRGNDOXOjct5XETPtr3P9D-XA8HnlbAy4"
twitter.com.□□293□IN□TXT□"google-site-verification=TNhAkfLUeIbzzzSgPNxS5aEkKMf3aUcpPmCK1_kmIvU"
twitter.com.□□293□IN□TXT□"google-site-verification=h6dJIv0HXjLOkGAotLAWEzvoi9SxqP4vjpx98vrCvvQ"
twitter.com.□□293□IN□TXT□"google-site-verification=q1ghWjGLX9Ba-Gy_B4n_pAgC_mQYzWmQpOD8CMWl_Hw"
twitter.com.□□293□IN□TXT□"linear-domain-verification=t5iq7e7nbw5w"
twitter.com.□□293□IN□TXT□"loom-site-verification=638c6bc173b9458997f64d305bf42499"
twitter.com.□□293□IN□TXT□"miro-verification=6e1ca9ad6d0c2cd2e4186141265f23ed618cfe37"
twitter.com.□□293□IN□TXT□"mixpanel-domain-verify=164dda91-31f4-41e8-a816-0f59b38fea30"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 35825
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
twitter.com.□□3600□IN□SOA□a.u06.twtrdns.net. noc.twitter.com. 2024160817 3600 600 604800 7200
```

RRSIG

```
a.u06.twtrdns.net. noc.twitter.com. 2024011501 3600 600 604800 7200
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 8348
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
twitter.com.□□3600□IN□SOA□a.u06.twtrdns.net. noc.twitter.com. 2024160817 3600 600 604800 7200
```

DNSSEC_VALIDATION

```
; unsigned answer
twitter.com.□□7199□IN□SOA□a.u06.twtrdns.net. noc.twitter.com. 2024011501 3600 600 604800 7200
```

TLS Handshake Evidence

IPV4 Connection

IP Used	162.159.140.229
IP Version	4

```
depth=2 C = US, O = Internet Security Research Group, CN = ISRG Root X1
verify return:1
depth=1 C = US, O = Let's Encrypt, CN = E8
verify return:1
depth=0 CN = twitter.com
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:CN = twitter.com
   i:C = US, O = Let's Encrypt, CN = E8
   a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: May 24 05:44:39 2026 GMT; NotAfter: Aug 22 05:44:38 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDrTCCAzSgAwIBAgISBUBhkOdze6FeW0YV71vs37RuMAoGCCqGSM49BAMDMDIx
CzAJBgNVBAYTAlVTMRYwFAYDVQQKEw1MZXQncyBFbmNyeXB0MQswCQYDVQQDEwJF
ODAeFw0yNjA1MjQwNTQ0MzlaFw0yNjA4MjIwNTQ0MzhaMBYxFDASBgNVBAMTC3R3
aXR0ZXIuY29tMFkwEwYHKoZIzj0CAQYIKoZIzj0DAQcDQgAErSuPn1+wtGeONUQW
DC/qCJ2nDN+U/KmeRP6paPvgC95mp7KwD9EWc1GA7iuC6bFO4o8tTi+WfKX4T9wg
Y7eWY6OCAkQwggJAMA4GA1UdDwEB/wQEAwIHgDATBgNVHSUEDDAKBggrBgEFBQcD
ATAMBgNVHRMBAf8EAjAAMB0GA1UdDgQWBBQeZ3QH+VGSLhSxGlesqfVMxjyg/zAf
BgNVHSMEGDAWgBSPDROi9i5+0VBsMxg4XVmOI3KRyjAyBggrBgEFBQcBAQQmMCQw
IgYIKwYBBQUHMAKGFmh0dHA6Ly9lOC5pLmxlbmNyLm9yZy8wQgYDVR0RBDswOYIN
Ki50d2l0dGVyLmNvbYIbY2RuLnN5bmRpY2F0aW9uLnR3aXR0ZXIuY29tggt0d2l0
dGVyLmNvbTATBgNVHSAEDDAKMAgGBmeBDAECATAuBgNVHR8EJzAlMCOgIaAfhh1o
dHRwOi8vZTguYy5sZW5jci5vcmcvMTExLmNybDCCAQwGCisGAQQB1nkCBAIEgf0E
gfoA+AB1AJRQQ4f67MHvgfMZJCaoGGUBx9NfOAIBP3JnfVU3LhnYAAABnli5JhYA
AAQDAEYwRAIgDOCORux+thb0Cqxgix7z26NtDA3b0gYwvAfSCYPLPIUCICyK3+AW
/lI2Ek5FIN67GGNNz1fEsaZcLy+mnHOqeyc/AH8AbP5QGUOoXqkWvFLRM+TcyR7x
QRx9JYQg0XOAnhgY6zoAAAGeWLko+QAIAAAFAA0MbY0EAwBIMEYCIQDgOOZ0b3Pc
DRukugtWPDWcf/km2IsAikgp/aAM6EWM+AIhAONpcJi0VEvGS4Itx1HzA5mzqPA4
TIx/yQTYSKtOidPCMAoGCCqGSM49BAMDA2cAMGQCMGhPSEjiBYkZgwIlXYIP9gWb
QQuBD5YkNmTecDrDwdtSUH0CO0darb0Bcg8qYhwOMgIwQpC8hx5qxZtX7CPweA7Y
+0M0/SnVi+GqERq8GAeM0tYEUEftBrDNh91gGfuSSSkx
-----END CERTIFICATE-----
 1 s:C = US, O = Let's Encrypt, CN = E8
   i:C = US, O = Internet Security Research Group, CN = ISRG Root X1
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: RSA-SHA256
   v:NotBefore: Mar 13 00:00:00 2024 GMT; NotAfter: Mar 12 23:59:59 2027 GMT
-----BEGIN CERTIFICATE-----
MIIEVjCCAj6gAwIBAgIQY5WTY8JOcIJxWRi/w9ftVjANBgkqhkiG9w0BAQsFADBP
MQswCQYDVQQGEwJVUzEpMCcGA1UEChMgSW50ZXJuZXQgU2VjdXJpdHkgUmVzZWFy
Y2ggR3JvdXAxFTATBgNVBAMTDElTUkcgUm9vdCBYMTAeFw0yNDAzMTMwMDAwMDBa
Fw0yNzAzMTIyMzU5NTlaMDIxCzAJBgNVBAYTAlVTMRYwFAYDVQQKEw1MZXQncyBF
bmNyeXB0MQswCQYDVQQDEwJFODB2MBAGByqGSM49AgEGBSuBBAAiA2IABNFl8l7c
S7QMApzSsvru6WyrOq44ofTUOTIzxULUzDMMNMchIJBwXOhiLxxxs0LXeb5GDcHb
R6EToMffgSZjO9SNHfY9gjMy9vQr5/WWOrQTZxh7az6NSNnq3u2ubT6HTKOB+DCB
9TAOBgNVHQ8BAf8EBAMCAYYwHQYDVR0lBBYwFAYIKwYBBQUHAwIGCCsGAQUFBwMB
MBIGA1UdEwEB/wQIMAYBAf8CAQAwHQYDVR0OBBYEFI8NE6L2Ln7RUGwzGDhdWY4j
cpHKMB8GA1UdIwQYMBaAFHm0WeZ7tuXkAXOACIjIGlj26ZtuMDIGCCsGAQUFBwEB
BCYwJDAiBggrBgEFBQcwAoYWaHR0cDovL3gxLmkubGVuY3Iub3JnLzATBgNVHSAE
DDAKMAgGBmeBDAECATAnBgNVHR8EIDAeMBygGqAYhhZodHRwOi8veDEuYy5sZW5j
ci5vcmcvMA0GCSqGSIb3DQEBCwUAA4ICAQBnE0hGINKsCYWi0Xx1ygxD5qihEjZ0
RI3tTZz1wuATH3ZwYPIp97kWEayanD1j0cDhIYzy4CkDo2jB8D5t0a6zZWzlr98d
AQFNh8uKJkIHdLShy+nUyeZxc5bNeMp1Lu0gSzE4McqfmNMvIpeiwWSYO9w82Ob8
otvXcO2JUYi3svHIWRm3+707DUbL51XMcY2iZdlCq4Wa9nbuk3WTU4gr6LY8MzVA
aDQG2+4U3eJ6qUF10bBnR1uuVyDYs9RhrwucRVnfuDj29CMLTsplM5f5wSV5hUpm
Uwp/vV7M4w4aGunt74koX71n4EdagCsL/Yk5+mAQU0+tue0JOfAV/R6t1k+Xk9s2
HMQFeoxppfzAVC04FdG9M+AC2JWxmFSt6BCuh3CEey3fE52Qrj9YM75rtvIjsm/1
Hl+u//Wqxnu1ZQ4jpa+VpuZiGOlWrqSP9eogdOhCGisnyewWJwRQOqK16wiGyZeR
xs/Bekw65vwSIaVkBruPiTfMOo0Zh4gVa8/qJgMbJbyrwwG97z/PRgmLKCDl8z3d
tA0Z7qq7fta0Gl24uyuB05dqI5J1LvAzKuWdIjT1tP8qCoxSE/xpix8hX2dt3h+/
jujUgFPFZ0EVZ0xSyBNRF3MboGZnYXFUxpNjTWPKpagDHJQmqrAcDmWJnMsFY3jS
u1igv3OefnWjSQ==
-----END CERTIFICATE-----
---
Server certificate
subject=CN = twitter.com
issuer=C = US, O = Let's Encrypt, CN = E8
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: ECDSA
```

```
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 2374 bytes and written 393 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_256_GCM_SHA384
Server public key is 256 bit
Secure Renegotiation IS NOT supported
Compression: NONE
Expansion: NONE
No ALPN negotiated
Early data was not sent
Verify return code: 0 (ok)
---
DONE
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	520
Connected IP	162.159.140.229
Connect Time	0.94 ms
TTFB	375.14 ms
Total Time	375.18 ms

Response Headers:


```
[
    "HTTP/1.1 520 <none>",
    "Date: Sat, 08 Aug 2026 10:19:51 GMT",
    "Content-Type: text/plain; charset=UTF-8",
    "Content-Length: 16",
    "Connection: keep-alive",
    "Cache-Control: private, max-age=0, no-store, no-cache, must-revalidate, post-check=0, pre-check=0",
    "Expires: Thu, 01 Jan 1970 00:00:01 GMT",
    "Referrer-Policy: same-origin",
    "X-Frame-Options: SAMEORIGIN",
    "Server: cloudflare",
    "CF-RAY: a27dc8fadfb7e708-KUL"
]
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	162.159.140.229
Connect Time	0.89 ms
TTFB	240.79 ms
Total Time	240.85 ms

Response Headers:


```
[
    "HTTP/2 200",
    "date: Sat, 08 Aug 2026 10:19:51 GMT",
    "content-type: text/html; charset=UTF-8",
    "perf: 7402827104",
    "server: cloudflare envoy",
    "cache-control: no-cache, no-store, max-age=0",
    "referrer-policy: strict-origin-when-cross-origin",
    "x-frame-options: SAMEORIGIN",
    "x-transaction-id: 9abd98ce6a755924",
    "x-xss-protection: 0",
    "x-download-options: noopen",
    "origin-agent-cluster: ?1",
    "x-content-type-options: nosniff",
    "x-dns-prefetch-control: off",
    "content-security-policy: default-src 'self';script-src 'self' 'nonce-HS/DIrpa4X8b152uqfdhfA==' 'unsafe-inline' 'wasm-unsafe-eval' 'report-sample'
https://*.twimg.com https://abs.twimg.com https://accounts.google.com/gsi/client https://appleid.cdn-apple.com https://*.stripe.com
https://cdn.plaid.com/link/v2/stable/link-initialize.js https://sdk.dv.socure.io/latest/device-risk-sdk.js https://cdn.getpinwheel.com/pinwheel-v3.2.1.js
https://*.x.com;script-src-attr 'none' 'report-sample';style-src 'self' 'unsafe-inline' https://*.twimg.com https://accounts.google.com/gsi/style;style-src-elem
'self' 'unsafe-inline' https://*.twimg.com https://accounts.google.com/gsi/style;img-src 'self' https://x.com:443 https://twitter.com https://*.twimg.com
https://*.pscp.tv https://*.video.pscp.tv https://abs.twimg.com data: blob: https://play-lh.googleusercontent.com https://img.youtube.com https://i.ytimg.com
https://*.plaid.com https://assets.grok.com https://*.grokusercontent.com https://*.gstatic.com https://media.riffsy.com https://*.giphy.com https://media.tenor.com
https://c.tenor.com;manifest-src 'self' https://x.com:443;font-src 'self' https://*.twimg.com data:;media-src 'self' https://*.twimg.com https://*.pscp.tv
https://*.video.pscp.tv blob: data: https://*.watch.x.com;connect-src 'self' https://api.x.com https://api.twitter.com https://t.co https://*.twimg.com
https://*.pscp.tv https://*.video.pscp.tv wss://*.pscp.tv https://upload.x.com https://sentry.io https://*.sentry.io wss://localhost.x.com:* https://m.castle.io
wss://chat-ws.x.com https://*.x.com https://accounts.google.com/gsi/ https://csi.gstatic.com https://appleid.cdn-apple.com https://appleid.apple.com
https://*.prelude.dev data: https://*.stripe.com https://*.plaid.com https://*.dv.socure.io https://checkoutshopper-live.adyen.com https://grok.com
https://*.grok.com wss://grok.com wss://*.grok.com https://*.x.ai wss://*.x.ai https://media.riffsy.com https://*.giphy.com https://media.tenor.com
https://c.tenor.com;frame-src 'self' https://accounts.google.com https://appleid.apple.com https://www.youtube.com https://w.soundcloud.com https://www.pscp.tv
https://studio.x.com https://studio-dev.x.com https://iframe.arkoselabs.com https://*.x.com https://*.crbcos.com https://*.plaid.com https://*.stripe.com
https://cdn.getpinwheel.com/ https://checkoutshopper-live.adyen.com https://artifacts.grokusercontent.com;worker-src 'self' blob: https://*.twimg.com
https://abs.twimg.com;frame-ancestors 'self' https://x.com https://x.com:443 https://twitter.com https://twitter.com:443;base-uri 'self';form-action 'self'
https://accounts.google.com;object-src 'none';upgrade-insecure-requests",
    "cross-origin-opener-policy: same-origin-allow-popups",
    "cross-origin-resource-policy: same-origin",
    "x-permitted-cross-domain-policies: none",
    "x-response-time: 57",
    "origin-cf-ray: a27dc8fd3f444a9b-SEA",
```

```
    "strict-transport-security: max-age=631138519; includeSubdomains",
    "x-served-by: t4_p",
    "vary: Accept-Encoding",
    "set-cookie: guest_id_marketing=v1%3A178618439132983587; Max-Age=63072000; Expires=Mon, 07 Aug 2028 10:19:51 GMT; Path=/; Domain=.twitter.com; Secure;
SameSite=None",
    "set-cookie: guest_id_ads=v1%3A178618439132983587; Max-Age=63072000; Expires=Mon, 07 Aug 2028 10:19:51 GMT; Path=/; Domain=.twitter.com; Secure; SameSite=None",
    "set-cookie: gt=2086034647822237810; Max-Age=9000; Expires=Sat, 08 Aug 2026 12:49:51 GMT; Path=/; Domain=.twitter.com; Secure; SameSite=Lax",
    "set-cookie: personalization_id=\"v1_EilJeWQ2nIm3CJRrDTMzKw==\"; Max-Age=63072000; Expires=Mon, 07 Aug 2028 10:19:51 GMT; Path=/; Domain=.twitter.com; Secure;
SameSite=None",
    "set-cookie: guest_id=v1%3A178618439132983587; Max-Age=63072000; Expires=Mon, 07 Aug 2028 10:19:51 GMT; Path=/; Domain=.twitter.com; Secure; SameSite=None",
    "set-cookie: ct0=; Max-Age=-1786184390; Expires=Thu, 01 Jan 1970 00:00:01 GMT; Path=/; Domain=.twitter.com; Secure; SameSite=Lax",
    "set-cookie: __cf_bm=2dVoJUxt2Iq.A73kG7OtpP4AyVI_mD7B9KNmMVk_Zcs-1786184391.2351122-1.0.1.1-
XruC9WcSLCG9leyPIc5dKAFJ6Ldh9kyccEnhLSinECCv4k_2oyNlQ6_eX32D9TFrm5xxfwFdDogij61NxVIqK7vH598uM5P2IUs.K6ijzhSsCs2.62vODlLKsN1IEZvs; HttpOnly; Secure; Path=/;
Domain=twitter.com; Expires=Sat, 08 Aug 2026 10:49:51 GMT",
    "cf-cache-status: DYNAMIC",
    "cf-ray: a27dc8fd3f444a9b-KUL"
]
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	520 0.001232 0.361709
TCP Connect IPv4 → port 443	301 0.000930 0.204250

Test Node Network Evidence

Node Profile	dual stack

Egress Connectivity

IPv4 Egress	76.13.221.142
IPv6 Egress	2a02:4780:5e:2789::1

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
```