


IPv6 Readiness Report

twitter.com — twitter.com

Category: Social Media • Generated: 21 Apr 2026, 19:13 MYT • Last Checked: 07 Mar 2026, 01:15 MYT • Verification ID: 80496864-6664-414e-a903-7cf20c46fb1a

Report generated from National IPv6 Readiness Monitor — <https://ipv6.my6.my>

Audit trail: <https://ipv6.my6.my/audit/80496864-6664-414e-a903-7cf20c46fb1a>

 Non-Compliant <small>MGv6C-1.0</small>	32% Partial Support	IPV6-ONLY READINESS Website: X Not Ready DNS: X Not Ready Email: X Not 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.
8	Signing Algorithm	INFO	No DNSKEY record found.

Email Services (25%) 4 / 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	FAIL	SMTP is not reachable over IPv6.
4	STARTTLS over IPv6	FAIL	STARTTLS not available 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 — 427ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 202ms TTFB.

Audit Trail & Evidence Record

Verification ID	80496864-6664-414e-a903-7cf20c46fb1a
Domain	twitter.com
Check Mode	Manual
Status	Completed
Started	07 Mar 2026, 01:15:12 MYT
Finished	07 Mar 2026, 01:15:51 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/80496864-6664-414e-a903-7cf20c46fb1a

Integrity Verification

✓ INTEGRITY VERIFIED

Algorithm	hmac-sha256-v1
Root Hash	d8406a595a3772d05435ecb275582bd8afa00af65f496b60790480a0af07a2a5
http_headers	bfc3795ae6f99aa953f34b481eab18371148cac50c6df32d541c6c5e79aa015d
dns_responses	7043a8efc9e675b6f2083328d0335234da0df7f36ac0d60c306b56b2aa8ce499
tls_handshake	1779f5b0ece2b8d871a0ee020ce23684e8e18da18d191ca5694bcc07988f7786
connectivity_log	c8f6184869dbda353366987376827baf449ea08db12855f5f8475a7918c061d8
dns_resolution_times	7e67effca63169c80a12002ffe25e587c0a68dc56906ddb68a936b49287a9d75

Test Node Identity

Os	Linux srv1440888 6.8.0-101-generic #101-Ubuntu SMP PREEMPT_DYNAMIC Mon Feb 9 10:15:05 UTC 2026 x86_64
Hostname	srv1440888
Php Version	8.3.30
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	17.94	21.17	8.11	8.96	-9.8
Google	IPv4	8	18.03	26.22	26.71	+18.2
Google	IPv6	12.9	27.13	15.31	23.11	+2.4
Cloudflare	IPv4	18.06	18.94	11.52	20.06	-6.5
Cloudflare	IPv6	18.5	20.48	20.07	26.29	+1.6

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 64154
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
twitter.com. 129 IN A 151.101.2.146
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 21639
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
com. 864 IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1772788486 1800 900 604800 900
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 57870
;; flags: qr rd ra; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
twitter.com. 300 IN MX 10 alt4.aspmx.l.google.com.
twitter.com. 300 IN MX 5 alt2.aspmx.l.google.com.
twitter.com. 300 IN MX 10 alt3.aspmx.l.google.com.
twitter.com. 300 IN MX 5 alt1.aspmx.l.google.com.
twitter.com. 300 IN MX 1 aspmx.l.google.com.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 44306
;; flags: qr rd ra; QUERY: 1, ANSWER: 8, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
twitter.com. 13999 IN NS b.r06.twtrdns.net.
twitter.com. 13999 IN NS d.r06.twtrdns.net.
twitter.com. 13999 IN NS c.u06.twtrdns.net.
twitter.com. 13999 IN NS a.u06.twtrdns.net.
twitter.com. 13999 IN NS d.u06.twtrdns.net.
twitter.com. 13999 IN NS b.u06.twtrdns.net.
twitter.com. 13999 IN NS a.r06.twtrdns.net.
twitter.com. 13999 IN NS c.r06.twtrdns.net.
```

TXT

```
;; Truncated, retrying in TCP mode.
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 28009
;; flags: qr rd ra; QUERY: 1, ANSWER: 23, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
twitter.com. 293 IN TXT "adobe-idp-site-verification=a2ff8fc40c434d1d6f02f68b0b1a683e400572ab8c1f2c180c71c3d985b9270a"
twitter.com. 293 IN TXT "google-site-verification=600d0q0pZYsH2x0Ft4hYmf5f5NpjCbWE_qk5Y04dErYM"
twitter.com. 293 IN TXT "linear-domain-verification=t5iq7e7nbw5w"
twitter.com. 293 IN TXT "mixpanel-domain-verify=164dda91-31f4-41e8-a816-0f59b38fea30"
twitter.com. 293 IN TXT "apple-domain-verification=zd1iHoE09LILEIq"
twitter.com. 293 IN TXT "google-site-verification=q1ghWjGLX9Ba-Gy_B4n_pAgC_mQYzWmQp0D8CMwL_Hw"
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 "traction-guest=a4d0248d-fe01-4222-8fcc-33f68323e667"
twitter.com. 293 IN TXT "loom-site-verification=638c6bc173b9458997f64d305bf42499"
twitter.com. 293 IN TXT "canva-site-verification=LmNz3wMh7c1uqZqa-cxZTg"
```

```
twitter.com. [0]293[0]IN[0]TXT[0]"google-site-verification=P9-NRZ0gaRKRGNDOX0jct5XETPr3P9D-XA8HnLbAy4"  
twitter.com. [0]293[0]IN[0]TXT[0]"bj6sbt5xqs9hw9jrfvz7hplrg0l680sb"  
twitter.com. [0]293[0]IN[0]TXT[0]"traction-guest=6882b04e-4188-4ff9-8bb4-bff5a3d358e6"  
twitter.com. [0]293[0]IN[0]TXT[0]"google-site-verification=TNhAkfLUeIbzzzSgPNxS5aEkKmf3aUcpPmCK1_kmIvU"  
twitter.com. [0]293[0]IN[0]TXT[0]"stripe-verification=46F7B88485621DC18923B43D12E90E6DBCE232F2FEBFCF084E6EFA91F6BA707D"  
twitter.com. [0]293[0]IN[0]TXT[0]"0a8c0fc6-bfa5-4ea7-b09b-87f2989022d6"  
twitter.com. [0]293[0]IN[0]TXT[0]"atlassian-domain-verification=j6u0o1PTkobCX84uEF/sWpIPtaZURBVYqKzmTvt8wugLcHT1vvrzza63iP1qSLN"  
twitter.com. [0]293[0]IN[0]TXT[0]"google-site-verification=h6dJiv0HXjL0kGAotLAWezvoi9SxqP4vjpx98vrCvvQ"  
twitter.com. [0]293[0]IN[0]TXT[0]"miro-verification=6e1ca9ad6d0c2cd2e4186141265f23ed618cfe37"  
twitter.com. [0]293[0]IN[0]TXT[0]"wrike-verification=MjU4MTA5MjoyN2UzNDc1MjU3MDZiZTY4NjBiNzliNDQ2OTUwNWY3NmM5NDgyMTBLYzFkNTcwYTE2YWwZDdkNTY2ZmE4Yzlh"  
twitter.com. [0]293[0]IN[0]TXT[0]"google-site-verification=F2uUilUsD6kQlpUVQzXUM3PHa0uPo5GBS84SCG8QwXI"  
twitter.com. [0]293[0]IN[0]TXT[0]"MS=BEE202D20C326867290BDEFA2DDDF4594B5D6860"  
twitter.com. [0]293[0]IN[0]TXT[0]"slack-domain-verification=9o08P4Glf4252JD0g4rHG6KlSkBuISZVnWR08d"
```

AAAA

```
;; Got answer:  
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 29440  
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1  
  
;; OPT PSEUDOSECTION:  
; EDNS: version: 0, flags:; udp: 512  
;; AUTHORITY SECTION:  
twitter.com. [0]925[0]IN[0]SOA[0]a.u06.twtrdns.net. noc.twitter.com. 2024011501 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: 4889  
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1  
  
;; OPT PSEUDOSECTION:  
; EDNS: version: 0, flags:; udp: 512  
;; AUTHORITY SECTION:  
twitter.com. [0]1764[0]IN[0]SOA[0]a.u06.twtrdns.net. noc.twitter.com. 2024139329 3600 600 604800 7200
```

DNSSEC_VALIDATION

```
; unsigned answer  
twitter.com. [0]4855[0]IN[0]SOA[0]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 = E7
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 = E7
  a:PKKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA384
  v:NotBefore: Feb 1 15:29:31 2026 GMT; NotAfter: May 2 15:29:30 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDSTCCAzagAwIBAgISB1Prp4R15c7V/+E6kanKmXYJMAoGCCqGSM49BAMDMDIX
CzAJBgNVBAYTALVTMRyWfAYDVQQKEwIMZQncybFbmlNyeXB0MQswCQYDVQDEwJF
NzAeFw0yNjAyMDE5MzFhZjFwNjA1MDIwNTI1MzBhYmYxZDASBgNVBAMTCzR3
aXR0ZiUyZmFkYmFkYmFkYmFkYmFkYmFkYmFkYmFkYmFkYmFkYmFkYmFkYmFk
rj50N0RE52dIgl3FzMUU0z5VNMoXA/UJpBQMbk+rSGxsZ9VpTBSKbdsManMubLtt
hl/sKa0CAkYwggJCMA4GA1UdDwEB/wQEAwIHGDAdBgNVHSUEFjAUBgggrBgEFBQcD
AQYIKwYBBQUHBAIwDAYDR0TAQH/BAlwADAdBgNVHQ4EFgQU2jRzh40Fa+MMxAss
svGFATexXxAWHwYDVR0tBBgwFoAURkie3IcdRKBv2qLlYHQEeMKcAIAwMgyIKwYB
BOUHAQEJjAkMCIgCCsGAQUFBzAChhZodHRw018vZTcuaS5sZW5jci5vcmcvMEIG
A1UdEQQ7MDmCDSoudHdpdHRLci5jb22CG2Nkbi5zeW5kaWVhZGlvbi50d2l0dGvy
LmNvbYlIdHdpdHRLci5jb20wEwYDVR0BAwwCjAIBgZngQwBAGewLQYDVR0fBCYw
JDAioCCGhoYcaHR0cDovL2U3LmMubGVuY3Iub3JnLzEwLmNybDCCAQUGCCisGAQQD
1nkCBAlEgfyEgFMA8QB2AEmc2neHXzs/DbezYdkprhbrwqHgbNRVVL76esp3fjQ
AAABnBoIXAKAAQDAEecwRQIgv0WmfkEWTwSVstguPvTTLt4ijXWQnp3e6MTav7u+
YwYCIQDmMoyhmC2ljCJF2cjIKjNTYta0ZTVhdEk4G7VRvuuQB3ABadLAWwqSUP
D/A6pUX/yL/II9CHS/YEKSf45x8zE/X6AAABnBoIXBIAAAQDAEgwrGThAPzi5MI
ElvHbou6s5nee4uNYyS8mfWhlCdKGSfgPwHAIEAL2EYXmTnNEiDrDx75dX/meap
IDfko3brRaQu2iue3C0wCgYIKoZiZj0EAWMDaQAwZgIXAMzPKce9cHfvo/JqiuC
Dw+QuL9x+QSSLDHEvMaJ3+YnyTIGWx0TBx0vZCbeJjG/0gIXAKIbv3Qzq1uU8AKM
obZ0bE722IJa8LK2MjG4gogaDi4h8Cu5N6jMuzs0MFvX2e9wA==
-----END CERTIFICATE-----
1 s:C = US, O = Let's Encrypt, CN = E7
  i:C = US, O = Internet Security Research Group, CN = ISRG Root X1
  a:PKKEY: 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-----
MIIIEVzCCAj+gAwIBAgIRAKp18eYrjwoiCwbTi7/UuqEwDQYJKoZIhvcNAQELBQAw
TzELMAKGA1UEBhMCMVVMxKTAnBgNVBAoTIEludGVybmV0IFNlY3VyaXR5IFJlc2Vh
cmNoIEIediyb3VwMRUwEwYDVR0QDEwJUIHIFJvb3QwDwEwHhcnMjQwMzEzMDAwMDAw
WhcNMjYwMzE5MjM1OTU5MjYwMzE5MjM1OTU5MjYwMzE5MjM1OTU5MjYwMzE5MjM1OTU5
RW5jcnlwdDELMKGA1UEAxMCRTRwdjA0BgcqhkJOPQIBBGRgUrgQQAIGNiAARB6AST
CFh/vjcwDMCgQer+VtqEkz7JANurZxLP+U9TCEioL6sp5Z8VRvRbYk4P1INBmbef
QHJFHCxcSjKmwvVgBwpl/9ra8Hw0QDsUaJw2qQJqceJ0ZVFT3hbUHiFBM/2jgfgw
gUfWdgyDVR0PAQH/BAQDAgGMB0GA1UdJQQWMBQGCCqGSAQUFBwMCBgggrBgEFBQcD
ATASBgNVHRMBAf8ECDAGAQH/AgEAMBOGA1UdDgQWBBSuSj7chx1EoG/aouVgdAR4
wpwAgDAfBgNVHSMEGDAwBR5tFmne7b15AFzgaAiIyBpY9YumbbjAyBgggrBgEFBQcB
AQQmCQwIgyIKwYBBQUHMAKGFmh0dHA6Ly94M55pLmNybLm9yZy8wEwYDVR0g
BwwCjAIBgZngQwBAGewJwYDVR0fBcAwHjAcoBggGIIYwHR0cDovL3gxLmMubGVu
Y3Iub3JnLzANBgkqhkiG9w0BAQsFAA0CAgEAjx66fDdLk5yWFn3CzA1w1qfyLHUD
aEf0QZpXcJseddJGSfbU0vbnNR9N/QQ16K1LX14VfyhmGXDT5Kdfcr0RvIIVrNxF
h4lqHTRRCp6RBRstqbz2ZURgqkn/Xip0iaQL0IdfHBZr396FgknniRYFckKORPG
yM3QKnd66gtMst8I5nkRQlAg/Jb+Gc3egIvuGKwboE1G89NTS9LTD3PLj0dUmr
0IuqVjLB8pEC6yk9enrlrjqXQgkLEyHxZq7dLafv5VkiG6GL0nuuqjqfP0Q1bi1o
yVNA1Xe6aUXw92CcgH9NsKE01+M52Y5+ofIXLS/SEQbvVYBLZ5yeigLV6t3S
MGH+vTG0aP9YHzLn/KV0HzG0fXDP7qM5tkf+7diZe7o2fw607IvN6fsQXE0Qj8JT
UXJxv2/uJhcuy/tSDgXwHM8Uk34WNBRT7zGTGkQRX0gsbjAea/yAoWv0ZvQRwpq
Pe79D/i7Cep8WnA+7AE/3B3S/3dEYmc0lpe1366A/6GEgk3ktr9PEoQrLChs6I
tu3wnNLB2euc8IKLQFPgT00/2/hiAKjyjaBP25w1jF0Wl8Bbqne3uZ2q1GyPFJ
YRmT7/OXpmOH/FVLTwS+8ng1cAmpCujPwteJZNCdG0sF2n/sc0+SQf49fdyUK0ty
+VUwFj9tmWxyR/M=
-----END CERTIFICATE-----
...
Server certificate
subject=CN = twitter.com
issuer=C = US, O = Let's Encrypt, CN = E7
...
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: ECDSA

```

```
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 2378 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	1.34 ms
TTFB	429.77 ms
Total Time	429.83 ms

Response Headers:

```
[
  "HTTP/1.1 520 <none>",
  "Date: Fri, 06 Mar 2026 09:15:50 GMT",
  "Content-Type: text/plain; charset=UTF-8",
  "Content-Length: 15",
  "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: 9d8042138c42e454-KUL"
]
```

IPv4 HTTPS (port 443)

HTTP Status	403
Connected IP	162.159.140.229
Connect Time	1.27 ms
TTFB	209.81 ms
Total Time	209.85 ms

Response Headers:

```
[
  "HTTP/2 403",
  "date: Fri, 06 Mar 2026 09:15:50 GMT",
  "perf: 7402827104",
  "server: cloudflare envoy",
  "x-powered-by: Express",
  "cache-control: no-cache, no-store, max-age=0",
  "x-transaction-id: 249413eea2e12c4b",
  "x-response-time: 10",
  "origin-cf-ray: 9d804217be6355a9-KUL",
  "strict-transport-security: max-age=631138519; includeSubdomains",
  "x-served-by: t4_p",
  "vary: Accept-Encoding",
  "cf-cache-status: DYNAMIC",
  "set-cookie: guest_id_marketing=v1%3A177278855044531691; Max-Age=63072000; Expires=Sun, 05 Mar 2028 09:15:50 GMT; Path=/; Domain=.twitter.com; Secure; SameSite=None",
  "set-cookie: guest_id_ads=v1%3A177278855044531691; Max-Age=63072000; Expires=Sun, 05 Mar 2028 09:15:50 GMT; Path=/; Domain=.twitter.com; Secure; SameSite=None",
  "set-cookie: personalization_id=v1_MS0tc5L0Gu/VfQa9d0ZFGw=; Max-Age=63072000; Expires=Sun, 05 Mar 2028 09:15:50 GMT; Path=/; Domain=.twitter.com; Secure; SameSite=None",
  "set-cookie: guest_id=v1%3A177278855044531691; Max-Age=63072000; Expires=Sun, 05 Mar 2028 09:15:50 GMT; Path=/; Domain=.twitter.com; Secure; SameSite=None",
  "set-cookie: __cf_bm=vZ1eRMtop0thumxorhAq29bLqolNcAW0ojjaEB8wsc-1772788550.3527937-1.0.1.1-F9yaiq4qznyGyYd0zAVqaqLI0reylp6L6CJRcYA9_7gUk7qAh_JY.6vJFZcP.9ga9qbNuOPjh0h2uqxHD2b.74ZT6B9ncFw0qM6R34q93JiVpdN4XwyA2Cu5WCpwLJTN; HttpOnly; Secure; Path=/; Domain=twitter.com; Expires=Fri, 06 Mar 2026 09:45:50 GMT",
  "cf-ray: 9d804217be6355a9-KUL"
]
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	520 0.002013 0.378066
TCP Connect IPv4 → port 443	301 0.000929 0.244712

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
fe80::/64 dev eth0 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
76.13.221.0/24 dev eth0 proto kernel scope link src 76.13.221.142
```