

# IPv6 Readiness Report

twitter.com — twitter.com



Scan to verify

Category: Social Media • Generated: 13 Jun 2026, 19:39 MYT • Last Checked: 13 Jun 2026, 01:05 MYT • Verification ID: 168ae6ec-e83f-40d0-8963-1979101be9ae

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

Audit trail: <https://ipv6.my6.my/audit/168ae6ec-e83f-40d0-8963-1979101be9ae>

<p><b>X</b></p> <p><b>Non-Compliant</b></p> <p>MGv6C-1.0</p>	<p><b>32%</b></p> <p><b>No IPv6 Support</b></p>	<p><b>IPv6-ONLY READINESS</b></p> <p>Website: <b>X Not Ready</b></p> <p>DNS: <b>X Not Ready</b></p> <p>Email: <b>X Not Ready</b></p>
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IPv4 ADDRESSES
172.66.0.227

## Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	Cloudflare, Inc.
Country	US
ASN	AS13335
ASN Name	CLOUDFLARENET - Cloudflare, Inc., US
Network (CIDR)	172.64.0.0/13

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	<b>Signing Algorithm</b>	<b>INFO</b>	No DNSKEY record found.

**Email Services** (25%) 4 / 6

#	CHECK	RESULT	DETAIL
1	<b>MX Record Exists</b>	<b>PASS</b>	MX record found.
2	<b>MX Server Has IPv6</b>	<b>PASS</b>	MX server has AAAA record.
3	<b>SMTP Reachable via IPv6</b>	<b>FAIL</b>	SMTP is not reachable over IPv6.
4	<b>STARTTLS over IPv6</b>	<b>FAIL</b>	STARTTLS not available over IPv6.
5	<b>SPF Record</b>	<b>PASS</b>	SPF record found.
6	<b>DKIM Selector</b>	<b>INFO</b>	DKIM selector found: google._domainkey
7	<b>DMARC Record</b>	<b>PASS</b>	DMARC record found.

**IPv4 Baseline** (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	<b>A Record</b>	<b>PASS</b>	172.66.0.227
2	<b>HTTP over IPv4</b>	<b>PASS</b>	HTTP (port 80) responds over IPv4 — 352ms TTFB.
3	<b>HTTPS over IPv4</b>	<b>PASS</b>	HTTPS (port 443) responds over IPv4 — 189ms TTFB.

### Audit Trail & Evidence Record

Verification ID	168ae6ec-e83f-40d0-8963-1979101be9ae
Domain	twitter.com
Check Mode	Scheduled
Status	Completed
Started	13 Jun 2026, 01:04:11 MYT
Finished	13 Jun 2026, 01:05:16 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/168ae6ec-e83f-40d0-8963-1979101be9ae

### Integrity Verification

<span style="color: green;">✓ INTEGRITY VERIFIED</span>	
Algorithm	hmac-sha256-v1
Root Hash	39e747a182200b181044037aa504a8da2c2d4bd578f037cff95c571f53a0f258
http_headers	62d3c7a928ac590601a317cdaee77b749e309ce809edbee14aa97082c856a886
dns_responses	bd5d3dd579560c56e68f1e8bad82ec274687d679ee7e8ad346ef0e72114cf259
tls_handshake	901739c7d2c5f35bb70e1486fa837c7635edfb80972454b0cfcfd23de6111684
connectivity_log	fab8c53811d8e5cea63141eccf088cd405e891facbbe3aa1f12859e50997f8ff
dns_resolution_times	f0fcb99fd6c7d62df30d0c0bb377a2285b036da3895e21c7ed73f3aaa660df03

### Test Node Identity

Os	Linux srv1440888 6.8.0-124-generic #124-Ubuntu SMP PREEMPT_DYNAMIC Tue May 26 13:00:45 UTC 2026 x86_64
Hostname	srv1440888
Php Version	8.3.31
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	16.24	21.23	26.8	27.04	+10.6
Google	IPv4	10.21	14.04	10.1	24.47	-0.1
Google	IPv6	20.96	30.81	15.12	20.55	-5.8
Cloudflare	IPv4	21.26	21.3	9.8	19.22	-11.5
Cloudflare	IPv6	21.34	28.11	16.96	27.29	-4.4



## DNS Evidence

### A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 32423
;; 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: 36894
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com. 878 IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1781283868 1800 900 604800 900
```

### MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 22411
;; 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: 20223
;; 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: 52328
;; 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 "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=MjU4MTA5MjoyNzUzNDc1MjU3MDZiZTY4NjBiNzliNDQ2OTUwNWY3NmM5NDgyMTBlYzFkNTcwYTE2YWNmZDdkNTY2ZmE4Yzlh"
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=zd1iHoE09LILEIq"
twitter.com. 293 IN TXT "atlassian-domain-verification=j6u0o1PTkobCXC84uEF/sWpIPtaZURBVYqKzmTvt8wugLCHT1vvrzzaA63iP1qSLN"
twitter.com. 293 IN TXT "bj6sbt5xqs9hw9jrfvz7hplrg0l680sb"
```

```
twitter.com. [0]293[0]IN[0]TXT[0]"canva-site-verification=LmN3wMh7c1uqZqa-cxZTg"
twitter.com. [0]293[0]IN[0]TXT[0]"google-site-verification=600dQ0pZYsH2xOf4hYmf5f5NpjCbWE_qk5Y04dErYM"
twitter.com. [0]293[0]IN[0]TXT[0]"google-site-verification=F2uUiLUsD6kQlpUVQzxUM3PHa0uPo5GBS845CG8QwXI"
twitter.com. [0]293[0]IN[0]TXT[0]"google-site-verification=P9-NRZ0gaRKRGNDOX0jct5XETPtr3P9D-XA8HnLbAy4"
twitter.com. [0]293[0]IN[0]TXT[0]"google-site-verification=TNhAkfLUeIbzzzSgPNxS5aEkKMF3aUcpPmCK1_kmIvU"
twitter.com. [0]293[0]IN[0]TXT[0]"google-site-verification=h6dJIv0HXjLOkGAotLAWezvoi9SxqP4vjpx98vrCvvQ"
twitter.com. [0]293[0]IN[0]TXT[0]"google-site-verification=q1ghWjGLX9Ba-Gy_B4n_pAgC_mQYzWmQp0D8CMWL_Hw"
twitter.com. [0]293[0]IN[0]TXT[0]"linear-domain-verification=t5iq7e7nbw5w"
twitter.com. [0]293[0]IN[0]TXT[0]"loom-site-verification=638c6bc173b9458997f64d305bf42499"
twitter.com. [0]293[0]IN[0]TXT[0]"miro-verification=6e1ca9ad6d0c2cd2e4186141265f23ed618cfe37"
twitter.com. [0]293[0]IN[0]TXT[0]"mixpanel-domain-verify=164dda91-31f4-41e8-a816-0f59b38fea30"
twitter.com. [0]293[0]IN[0]TXT[0]"slack-domain-verification=9o08P4Glf4252QJD0g4rHG6KlSkBuI5ZVmwR08d"
twitter.com. [0]293[0]IN[0]TXT[0]"stripe-verification=46F7B88485621DC18923B43D12E90E6CDBCE232F2FEBFCF084E6EFA91F6BA707D"
```

**AAAA**

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 5015
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
twitter.com. [0]3537[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. 2024153114 3600 600 604800 7200
```

**DNSKEY**

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 14457
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
twitter.com. [0]3537[0]IN[0]SOA[0]a.u06.twtrdns.net. noc.twitter.com. 2024011501 3600 600 604800 7200
```

**DNSSEC\_VALIDATION**

```
; unsigned answer
twitter.com. [0]7137[0]IN[0]SOA[0]a.u06.twtrdns.net. noc.twitter.com. 2024153114 3600 600 604800 7200
```



TLS Handshake Evidence

IPV4 Connection

IP Used	172.66.0.227
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:PKKEY: 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-----
MIIDrTCCAzSgAwIBAgISBUBhk0dze6FeW0YV71vs37RuMAoGCCqGSM49BAMDMDIX
CzAJBgNVBAYTALVTRMRyWFAyDVQQKEw1MZXR0ncyBFbmlNyeXB0MQswCQYDVQDEwJF
ODAEFw0yNjA1MjQwNTQ0MzLaFw0yNjA1MjQwNTQ0MzhaMBYxNDASBgNVBAMTCC3R3
aXR0ZiY29tMFkweWYHKOZiZj0CAQYIKoZiZj0DAQCDAQAERuPn1+wtGe0NUOQU
dC/QCJ2nDN+U/KmeRP6paPvgC95mp7KwD9EWc1GA7iuC6bF0408tTi+WfKX4T9wg
Y7eWY60CAkQwggJAMA4GA1UdDwEB/wQEAwIHgDATBgNVHSUEDDAAKBggrBgEFBQcD
ATAMBgNVHRMBAf8EAjAAMB0GA1UdDgQWBBOeZ3QH+VGSLSxGLesqfVMxjyG/zAF
BgNVHSMEGDAWgBSPDR0i9i5+0VBsMxg4XVmOI3KRyjAyBggrrBgEFBQcBAQQMCMQW
IqYKwYBBQUHMAKGfMh0dHA6Ly9lOC5pLmXlbnMyLm9yZy8wQgYDVR0RBDSwOYIN
Ki50d2l0dGVyLmNvbYyY2Y2RuLnN5bmrpY2F0aW9uLnR3aXR0ZiY29tggtd0d2l0
dGVyLmNvbTATBgNVHSAEDDAKMAgGBmeBDAECATAUbgNVHR8EJzALMCOgIaAfhh1o
dHRwOi8vZTguYy5sZW5jci5vcmcvMTExLmNybDCCAQAQIUAQABn1i5JhYA
AAQDAEYwRAIGDCCORux+thb0Cqgix7z26ntDA3b0gYvwaF5CYPLIUCIK3+AW
/1IEk5FIN67GGNNz1fEsaZcLymnH0qeyc/AH8AbP5Q00XqkwVFLRM+TcyR7x
QRx9YQg0X0AnhgY6zoAAAGeWlko+QAIAAAFAA0MbY0EAWBIMEYCIQDg00Z0b3Pc
DRukugtWPDwcf/km2IsA1kpg/aAM6EMW+AIhA0NpcJi0VEvGS4Itx1HzA5mzqPA4
Tix/yQYTSKt0idPCMAoGCCqGSM49BAMD2cAMG0CMGhPSEjBYKZgwLXYIP9gWb
QQubD5YKnmTecDrDwtSUH0C00darb0Bcg8qYhw0MgIwQpC8hx5qxZtX7CPwEAY7
+0M0/SnVi+GqERq8GAeM0tYEUEftBrDnh91gGfuSSSxk
-----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: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-----
MIIEVjCCAj6gAwIBAgIQY5WtY8J0cIjXWRi/w9ftVjANBqkqhkiG9w0BAQsFADBP
MQswCQYDVQQGEwJVUzEpMCCGA1UEChMgSw50ZXJ0ZXQ0U2VjZjXJpdHkgUmVzZWZy
Y2ggR3JvdXAxFTATBgNVBAMTDELTKcGUm9vdcBYMTAEFw0yNDAzMTMwMDAwMDBa
Fw0yNzAzMTIyMzU5NTlaMDIxZCzAJBgNVBAYTALVTRMRyWFAyDVQQKEw1MZXR0ncyBF
bmlNyeXB0MQswCQYDVQQDEwJFODB2MBAGByqGSM49AgEGBSuBBAAiA2IABNF18L7c
S7QMApZSsvru6Wyr0q44ofTUOTIzxULzDMMNMchIJBwX0hiLxxs0LXeb5GDChb
R6ETmFfgSZj09SNHFY9gjMy9vQr5/wW0rQTZxh7az6NSNnq3u2ubT6HTK0B+DCB
9TA0BgNVHQ8BAf8EBAMCAyYwHQYDVR0LBBywFAYIKwYBBQUHAWIGCCsGAQUFBwMB
MBIGA1UdEwEB/wQIMAYBAf8CAQAwHQYDVR00BBYEFi8NE6L2Ln7RUGwzGDhdWY4j
cpHKMB8GA1UdIwQYMBaAFHm0WeZ7tcXkXAOACIjIGlJ26ZtubMDIGCCsGAQUFBwEB
BCYwJDA1BggrBgEFBQcCwAoYwHR0cDovL3gxLmkuY29yZyY3IUB3JnLzATBgNVHSAE
DDAKMAgGBmeBDAECATAnBgNVHR8EIDAeMByggGqAYhZodHRwOi8veDeuYy5sZW5j
ci5vcmcvMA0GCSqGSIb3DQEBChUA4ICAQBNe0hGINKsCYWi0Xx1ygd5q1eJz0
RI3tTZz1wuATH3ZwYpI97kEayanD1j0cDhIYzy4CkDo2jB8D5t0a6zZwZlr98d
AQFNh8uKJkIHdLShy+nUyeZxc5bNeMp1Lu0gSze4McfmNMVIpewWSY09w820b8
otvXc02JUYi3svHIWRm3+707DUBL51XmcY2iZdLc4Wa9nbuk3WTU4gr6LY8MzVA
adQG2+4U3eJ6qUF10bBnr1uuVyDys9RhrwucRVnfudj29CMLTspLm5f5wSV5hUpm
Uwp/v7M4w4aGunt74koX71n4EdagCsL/Yk5+maQU0+tue0J0fAV/R6t1k+Xk9s2
HMQFeoxppfzAVC04FdG9M+AC2JWxmFS6BCuh3CEey3fE52Qrj9YM75rtvIjSm/1
Hl+u/Wqxnu1ZQ4jpa+VpuZiG0LwRqSP9eog0hCGisnyewJwRQ0qK16w1GyZer
xs/Bekw65vw5IAvKBruPiTfMO0zh4gVa8/qJgMbJybrwwG97z/PRgmLKCDl8z3d
tA0Z7q7fta0GL24uyuB05dqI5J1LVAzKuWdJ1T1tP8qCoxSE/xpix8hX2dt3h+/
jujUGFPFZ0EVZ0xSyBNRF3MboGznYXFuXpNjTWPkpagDHJQmqrAcDmWJnMsFY3jS
u1igv30efnWjSQ==
-----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 2373 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	172.66.0.227
Connect Time	1.73 ms
TTFB	354.05 ms
Total Time	354.1 ms

#### Response Headers:

```
[
  "HTTP/1.1 520 <none>",
  "Date: Fri, 12 Jun 2026 17:05:15 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: a0aa70739e1be454-KUL"
]
```

### IPv4 HTTPS (port 443)

HTTP Status	403
Connected IP	172.66.0.227
Connect Time	1.01 ms
TTFB	245.21 ms
Total Time	245.27 ms

#### Response Headers:

```
[
  "HTTP/2 403",
  "date: Fri, 12 Jun 2026 17:05:15 GMT",
  "perf: 7402827104",
  "server: cloudflare envoy",
  "x-powered-by: Express",
  "cache-control: no-cache, no-store, max-age=0",
  "x-transaction-id: 35cfd2bb28dd39b1",
  "x-response-time: 52",
  "origin-cf-ray: a0aa7075ee0c8b74-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%3A178128391529716338; Max-Age=63072000; Expires=Sun, 11 Jun 2028 17:05:15 GMT; Path=/; Domain=.twitter.com; Secure; SameSite=None",
  "set-cookie: guest_id_ads=v1%3A178128391529716338; Max-Age=63072000; Expires=Sun, 11 Jun 2028 17:05:15 GMT; Path=/; Domain=.twitter.com; Secure; SameSite=None",
  "set-cookie: personalization_id=v1_pFUuWly97zUzz7L4bsFXRUw=; Max-Age=63072000; Expires=Sun, 11 Jun 2028 17:05:15 GMT; Path=/; Domain=.twitter.com; Secure; SameSite=None",
  "set-cookie: guest_id=v1%3A178128391529716338; Max-Age=63072000; Expires=Sun, 11 Jun 2028 17:05:15 GMT; Path=/; Domain=.twitter.com; Secure; SameSite=None",
  "set-cookie: __cf_bm=T.0pnZByRdUoeQpA0pIaJszN3rjlaM.LvBZImuoEtIM-1781283915.1846628-1.0.1.1-c3VjMuu2iY6AVgUMRzvP2Cvof.G9tFNBVsActyfH_NIum1K5DL3A7CKC9tzIANBPKXLG1EyIJtljyhJdvrUzwwSArG.IcX1pNl1fishTLDKtV0ZJVefJYcdCL_pLMX0k; HttpOnly; Secure; Path=/; Domain=twitter.com; Expires=Fri, 12 Jun 2026 17:35:15 GMT",
  "cf-ray: a0aa7075ee0c8b74-KUL"
]
```

## Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	520 0.000901 0.370583
TCP Connect IPv4 → port 443	301 0.001517 0.208570

---

### Test Node Network Evidence

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Node Profile	dual stack
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#### 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
```