

# IPv6 Readiness Report

**xox.com.my — xox.com.my**

Category: Telco • Generated: 21 Apr 2026, 18:56 MYT • Last Checked: 07 Mar 2026, 01:14 MYT • Verification ID: 83110286-1411-40be-9c04-f4e8c85fde24

Report generated from National IPv6 Readiness Monitor — <https://ipv6.my6.my>Audit trail: <https://ipv6.my6.my/audit/83110286-1411-40be-9c04-f4e8c85fde24>**Partially Compliant**

MGv6C-1.0

**82%****Partial Support****IPv6-ONLY READINESS**Website: ✓ **Ready**DNS: ✓ **Ready**Email: ✗ **Not Ready****IPv6 ADDRESSES**2606:4700:20::681a:3d4  
2606:4700:20::681a:2d4  
2606:4700:20::ac43:4a8c**IPv4 ADDRESSES**104.26.2.212  
172.67.74.140  
104.26.3.212**Network Information (WHOIS / RDAP)**

	IPv6 Network	IPv4 Network
Organization	Cloudflare, Inc.	Cloudflare, Inc.
Country	US	US
ASN	AS13335	AS13335
ASN Name	CLOUDFLARENET - Cloudflare, Inc., US	CLOUDFLARENET - Cloudflare, Inc., US
Network (CIDR)	2606:4700::/32	104.16.0.0/12

**Web Services** (35%)**8 / 8**

#	CHECK	RESULT	DETAIL
1	<b>AAAA Record</b>	<b>PASS</b>	2606:4700:20::681a:3d4, 2606:4700:20::681a:2d4, 2606:4700:20::ac43:4a8c
2	<b>Globally Routable IPv6</b>	<b>PASS</b>	All addresses are globally routable.
3	<b>HTTP over IPv6</b>	<b>PASS</b>	HTTP (port 80) responds over IPv6 — 118ms TTFB.
4	<b>HTTPS over IPv6</b>	<b>PASS</b>	HTTPS (port 443) responds over IPv6 — 53ms TTFB.
5	<b>IPv6-Only Reachability</b>	<b>PASS</b>	Site is fully reachable via IPv6-only.
6	<b>TLS Certificate Valid (IPv6)</b>	<b>PASS</b>	Certificate valid — issued by C = US, O = Google Trust Services, CN = WE1, expires Apr 11 03:00:17 2026 GMT
7	<b>Dual-Stack (IPv4 + IPv6)</b>	<b>PASS</b>	Domain has both A and AAAA records.
8	<b>HTTP/3 (QUIC)</b>	<b>PASS</b>	Alt-Svc: h3 header detected.

**DNS & DNSSEC** (25%)**3 / 5**

#	CHECK	RESULT	DETAIL
1	<b>NS Has AAAA Record</b>	<b>PASS</b>	Nameserver has IPv6 address.
2	<b>NS Reachable via IPv6</b>	<b>PASS</b>	Nameserver is reachable via IPv6 on port 53.
3	<b>NS Answers Queries via IPv6</b>	<b>PASS</b>	DNS queries answered over IPv6.
4	<b>DNSSEC Validated</b>	<b>FAIL</b>	DNSSEC validation failed or zone is unsigned.
5	<b>Reverse DNS (PTR)</b>	<b>FAIL</b>	No PTR record found.
6	<b>DS Record at Parent</b>	<b>FAIL</b>	No DS record at parent.
7	<b>RRSIG Valid</b>	<b>FAIL</b>	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: selector1_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>	104.26.2.212, 172.67.74.140, 104.26.3.212
2	<b>HTTP over IPv4</b>	<b>PASS</b>	HTTP (port 80) responds over IPv4 — 85ms TTFB.
3	<b>HTTPS over IPv4</b>	<b>PASS</b>	HTTPS (port 443) responds over IPv4 — 60ms TTFB.

### Audit Trail & Evidence Record

Verification ID	83110286-1411-40be-9c04-f4e8c85fde24
Domain	xox.com.my
Check Mode	Manual
Status	Completed
Started	07 Mar 2026, 01:14:16 MYT
Finished	07 Mar 2026, 01:14:42 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/83110286-1411-40be-9c04-f4e8c85fde24

### Integrity Verification

<b>✓ INTEGRITY VERIFIED</b>	
Algorithm	hmac-sha256-v1
Root Hash	83148809e6b353cfcfd743892ce99dff06c1eaed0a21a0807cfbeb858e89a30b
http_headers	4ffa5cb84e763f4aadab013b13de1c1eaf1f73731a61b440b33215c260d928af
dns_responses	24475c1405530f93379b31af510d0020dbe6bf61ffd8deb9b86ee04bbbe675c5
tls_handshake	9667b0e3000d8f96bafb3e75c880b668add53ac744bfca89fd10ab13daabbd81
connectivity_log	3fd8af4b444a53fbb126b1f327a1d6f3609725b0c257d3c22db4890ea7532722
dns_resolution_times	6157efaba0d2a540a6ca3c3039459186de1868d5f9f687e9f5539bb43c036da7

### 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	17.92	19.7	16.98	18.12	-0.9
Google	IPv4	24.62	27.19	18.78	22.66	-5.8
Google	IPv6	21.99	31.31	28.75	32.97	+6.8
Cloudflare	IPv4	9.63	11.95	18.17	19.95	+8.5
Cloudflare	IPv6	20.97	30.17	28.93	31.39	+8



## DNS Evidence

### A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 22844
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
xox.com.my. 300 IN A 172.67.74.140
xox.com.my. 300 IN A 104.26.3.212
xox.com.my. 300 IN A 104.26.2.212
```

### DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 57263
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
com.my. 1800 IN SOA b.nic.my. hostmaster.nic.my. 2026018482 1800 900 604800 3600
```

### MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 54453
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
xox.com.my. 3571 IN MX 0 xox-com-my.mail.protection.outlook.com.
```

### NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 64432
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
xox.com.my. 21600 IN NS derek.ns.cloudflare.com.
xox.com.my. 21600 IN NS maria.ns.cloudflare.com.
```

### TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 49670
;; flags: qr rd ra; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
xox.com.my. 300 IN TXT "v=spf1 mx ip4:219.92.30.57 include:spf.protection.outlook.com include:spf_c.oraclecloud.com -all"
xox.com.my. 300 IN TXT "google-site-verification=lgHBGGwi9mCjyQCYZ670rPwzSbsYlNsZMdbVKLVHZq8"
xox.com.my. 300 IN TXT "cisco-ci-domain-verification=451f934c7982d08da7bb31263bd121eca8faf77f89463e0a500f9791a59ba947"
xox.com.my. 300 IN TXT "facebook-domain-verification=q7ujep4u6531m3k79332ao7y4kb6og"
xox.com.my. 300 IN TXT "MS=ms61169134"
```

### AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 37344
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
xox.com.my. 300 IN AAAA 2606:4700:20::681a:3d4
xox.com.my. 300 IN AAAA 2606:4700:20::ac43:4a8c
xox.com.my. 300 IN AAAA 2606:4700:20::681a:2d4
```

**RRSIG**

```
derek.ns.cloudflare.com. dns.cloudflare.com. 2398167140 10000 2400 604800 1800
```

**DNSKEY**

```
;; Got answer:  
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 24573  
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1  
  
;; OPT PSEUDOSECTION:  
; EDNS: version: 0, flags:; udp: 512  
;; AUTHORITY SECTION:  
xox.com.my. IN SOA derek.ns.cloudflare.com. dns.cloudflare.com. 2398167140 10000 2400 604800 1800
```

**DNSSEC\_VALIDATION**

```
; unsigned answer  
xox.com.my. IN SOA derek.ns.cloudflare.com. dns.cloudflare.com. 2398167140 10000 2400 604800 1800
```



TLS Handshake Evidence

IPV4 Connection

IP Used	104.26.2.212
IP Version	4

```

depth=2 C = US, O = Google Trust Services LLC, CN = GTS Root R4
verify return:1
depth=1 C = US, O = Google Trust Services, CN = WE1
verify return:1
depth=0 CN = sox.com.my
verify return:1
CONNECTED(00000010)
...
Certificate chain
0 s:CN = sox.com.my
i:C = US, O = Google Trust Services, CN = WE1
a:PKKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
v:NotBefore: Jan 11 02:00:32 2026 GMT; NotAfter: Apr 11 03:00:17 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDozCCA0mgAwIBAgIRAIimgMwDvsjDTobyWeT7DswCgYIKoZIzj0EAwIwOzEL
MAkGA1UEBhMCVVMxHjAcBgNVBAoTFUdvd2dsZS5SUcnVzdCBTZjJ2aWNLczEMMAoG
A1UEAxMDV0UxMB4XDTI2MDEyMTAyMDAzMloXDTI2MDQxMTAzMDEwFTETMBEG
A1UEAxMKeG94LmNvbS55teTBZBMGBYqGSM49AgEGCCqGSM49AwEHA0IABD9BPLmi
JD5p+PELdrTQLOKH2a0MLF0wltqLDr3lrP6MMket1fS8yTAAqp6rvFBnmTbxjG7U
6G4qARI97z49xD0jggJSMIICTjA0BgNVHQ8BAf8EBAMCB4AwEwYDVR0LBAwwCgYI
KwYBBQUHAWEDAYDVR0TAQH/BAIwADAdBgNVHQ4EFgQUuRjcczX9NzBwvXKL+aub
jzoJ2NUwHwYDVR0jBBgwFoAUKHeSNWfE/6jMqeZ72YB5e8yT+TgwXgYIKwYBBQUH
AQEEUjBQMCcGCCsGAQUFBzABhhhtodHRwOi8vby5wa2kuZ29vZy9zL3dlMS9pYUeW
JQYIKwYBBQUHMAKGWh0dHA6Ly9pLnBraS5nb29nL3dlMS55jcnQwIwYDVR0RBBww
GoIKeG94LmNvbS55teYIMKi54b3guY29tLm15MBMGAlUdIAQMMAowCAYGZ4EMAQIB
MDYGA1UdHwQwMC0wK6ApoCeGJWh0dHA6Ly9pLnBraS5nb29nL3dlMS8teU9JOHUv
SjNKTS55jcmwggEgFBgorBgEEAdZ5AgQCBIH2BIHzAPEAdwAlwgy2r8KKLDw/w0QVF
/8i/yCPQh0v2BCKn+0cfMxP1+gAAAZuq/41sAAAEAwBIMEYCIQCFe/cE6q29FegR
ycpsF2YBqhfg5iMV2X35IEQZ5kLswIhANMHV5Ino0z652HYynS/R6Fzj p6h9Gmi
WceI/i3+sSDNAHYAlpdKv1VYl633Q4doNwhCd+nw0tX2pPM2bkakPw/KqcYAAAGb
qv+nFAAABAMARzBFAiEAoSeqa4JrVwA/9aIfgtNv3d8DyjpKwAqh0py7R0tPbRwC
IACRJRAGCHRECYl8/E1LXEPNA7ZBL+zEPLBCJDRVZJ1AMAoGCCqGSM49BAMCA0gA
MEUCIQCxJXwtw6cWh+/TxZt0LwbQ7ym0QozF6FFK0y+AQ7/NwAIgXKLVmPx1Izwe
PeG4BY9n000T4nvGDfXnd2dagd2/6SA=
-----END CERTIFICATE-----
1 s:C = US, O = Google Trust Services, CN = WE1
i:C = US, O = Google Trust Services LLC, CN = GTS Root R4
a:PKKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA384
v:NotBefore: Dec 13 09:00:00 2023 GMT; NotAfter: Feb 20 14:00:00 2029 GMT
-----BEGIN CERTIFICATE-----
MIICnzCCAiWgAwIBAgIQf/MZd5csIkp2FV0TttaF4zAKBggqhkJOPQQAzBHM0sw
CQYDVQQGEwJVUzEiMCAgA1UEChMZR29vZ2ZxLiFRydXN0IFNlcnZpY2VzIEExMQZEU
MBIGA1UEAxMLRTRIFjv3Q0UjQwHhcnMjMxMjEzMDk0MDAwMjkwMjIwMTQw
MDAwWjA7M0swCQYDVQQGEwJVUzEeMwGAlUEChMVR29vZ2ZxLiFRydXN0IFNlcnZp
Y2VzMQwwCgYDVQQDEwNXRTEwTATBgqhkJOPQIBggqhkJOPQMBBwNCAARvzTr+
Z1dHTCEDhUDCR127WecPQMFcF4XGGTfn1XzthkubgdnXGh0LCgP4mMTG6J7/EFmP
LCaY9eYmJbsPAvpw04H+MIH7MA4GA1UdDwEB/wQEAwIBhjAdBgNVHSUEFjAUBgggr
BgEFBQcDAQYIKwYBBQUHAWIwEgYDVR0TAQH/BAgwBgEB/wIBADAdBgNVHQ4EFgQU
kHeSNWfE/6jMqeZ72YB5e8yT+TgwHwYDVR0jBBgwFoAUgEzW63T/Staj1dj8tT7F
avCUHYwWMAyIKwYBBQUHAQEEDAmMCGCCsGAQUFBzABhhhtodHRwOi8vby5wa2ku
Z29vZy9zL3dlMS55jcnQwKwYDVR0fBcQwIjAgoB6gHIYaaHR0cDovL2MucGtPlmdvb2cv
ci9yNC55jcmwEwYDVR0gBAwwCjAIBgZng0wBAGewCgYIKoZIzj0EAwMDaAAwZQIX
A0cCq1HW900VznX+0RGU1cxAQXomvtgM8zItPZCuF08jSBJSjz5keR0v9aYsAm5V
sQIwJonMaAFi54mrfhfFNZEfuNMSQ6/bIBiNliyoX46FohQvKeIoJ99cx7sUkFN
7uJw
-----END CERTIFICATE-----
2 s:C = US, O = Google Trust Services LLC, CN = GTS Root R4
i:C = BE, O = GlobalSign nv-sa, OU = Root CA, CN = GlobalSign Root CA
a:PKKEY: id-ecPublicKey, 384 (bit); sigalg: RSA-SHA256
v:NotBefore: Nov 15 03:43:21 2023 GMT; NotAfter: Jan 28 00:00:42 2028 GMT
-----BEGIN CERTIFICATE-----
MIIDejCCAmKgAwIBAgIQf+UwvzMT077dghYQST2KGzANBggqhkiG9w0BAQsFADBX
M0swCQYDVQQGEwJCRTEZMBCGA1UEChMQR29vZ2ZxLiFRydXN0IFNlcnZpY2VzIEExMQZEU
CxMHUm9vcdBDQTEbMBkGA1UEAxMSR29vZ2ZxLiFRydXN0IFNlcnZpY2VzIEExMQZEU
NTAZNDMyMvXDTI4MDEyMTAyMDAzMloXDTI2MDQxMTAzMDEwFTETMBEG
A1UEAxMDV0UxMB4XDTI2MDEyMTAyMDAzMloXDTI2MDQxMTAzMDEwFTETMBEG
Gduv2dsZS5SUcnVzdCBTZjJ2aWNLcyBMTEmxMDEwYDVR0LBAwwCgYIKwYBBQUH
MHYwEAYHkoZIzj0CAQYFK4EEACIDYgAE83Rz2p2iLYK5DuDXFgTB7S0md+8FHzube
Rr1r1WEYNa5A3XP3iZEwMus87oV8okB206nGuEfyKueSkWp26bFy0Z8pn6KY019e
WIZLD6GEZQbR3IvJx3PIjGov5cSr0R2Ko4H/MIH8MA4GA1UdDwEB/wQEAwIBhjAd
BgNVHSUEFjAUBgggrBgEFBQcDAQYIKwYBBQUHAWIwEwYDVR0TAQH/BAUwAwEB/zAd
BgNVHQ4EFgQUgEzW63T/Staj1dj8tT7FavCUHYwWMAyIKwYBBQUHMAKGWh0dHA6Ly9p
LnBraS5nb29nL3dlMS55jcnQwIwYDVR0RBBwwGoIKeG94LmNvbS55teYIMKi54b3gu
Y29tLm15MBMGAlUdIAQMMAowCAYGZ4EMAQIBMDYGA1UdHwQwMC0wK6ApoCeGJWh0d
HA6Ly9pLnBraS5nb29nL3dlMS8teU9JOHUvSjNKTS55jcmwggEgFBgorBgEEAdZ5Ag
QCBIH2BIHzAPEAdwAlwgy2r8KKLDw/w0QVF/8i/yCPQh0v2BCKn+0cfMxP1+gAAAZuq
/41sAAAEAwBIMEYCIQCFe/cE6q29FegRycpsF2YBqhfg5iMV2X35IEQZ5kLswIhAN
MHV5Ino0z652HYynS/R6Fzj p6h9GmiWceI/i3+sSDNAHYAlpdKv1VYl633Q4doNwh
Cd+nw0tX2pPM2bkakPw/KqcYAAAGbqv+nFAAABAMARzBFAiEAoSeqa4JrVwA/9aIfgt
Nv3d8DyjpKwAqh0py7R0tPbRwCIAACRJRAGCHRECYl8/E1LXEPNA7ZBL+zEPLBCJDR
VZJ1AMAoGCCqGSM49BAMCA0gAMEUCIQCxJXwtw6cWh+/TxZt0LwbQ7ym0QozF6FFK0y
+AQ7/NwAIgXKLVmPx1IzwePeG4BY9n000T4nvGDfXnd2dagd2/6SA=
-----END CERTIFICATE-----
l8qJUC99BM00qP/8/UsWNgYIKwYBBQUHAQEEDAmMCGCCsGAQUFBzABhhhtodHRw

```







HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	172.67.74.140
Connect Time	17.36 ms
TTFB	90.72 ms
Total Time	90.77 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 06 Mar 2026 09:14:41 GMT",
  "2": "Connection: keep-alive",
  "3": "Location: https://xox.com.my/",
  "4": "Report-To: {\\"group\\":\\"cf-
nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=2Ud1YN765FRjtrUXu0iIdmQpD%2BDLIJdKaE06tE52rNTfj0lqg%2BZCvAEvrt21PhrwrG0j2KGY1MgI%2FuxD%
5\\": {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}],
  "5": "\\"Nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}\\"",
  "6": "Server: cloudflare",
  "7": "CF-RAY: 9d80406b6cde5f48-SIN",
  "8": "alt-svc: h3=\\":443\\"; ma=86400",
  "10": "HTTP/2 200",
  "11": "date: Fri, 06 Mar 2026 09:14:41 GMT",
  "12": "content-type: text/html",
  "13": "\\"Nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}\\"",
  "14": "server: cloudflare",
  "15": "last-modified: Wed, 04 Mar 2026 07:37:18 GMT",
  "16": "report-to: {\\"group\\":\\"cf-
nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=pgyH%2BwuR4aziMXuMedfLn1jKJU0iYB1LvnBYVGT7uoGw3ypbkNqNM4xyE4WT0aqB7xx9uSiwcbHCy3ijJsu
17\\": {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}],
  "17": "accept-ranges: bytes",
  "18": "cf-cache-status: DYNAMIC",
  "19": "cf-ray: 9d80406bcb48fd0c-SIN",
  "20": "alt-svc: h3=\\":443\\"; ma=86400"
}
```

IPv6 HTTP (port 80)

HTTP Status	200
Connected IP	2606:4700:20::681a:3d4
Connect Time	17.67 ms
TTFB	76.53 ms
Total Time	76.59 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 06 Mar 2026 09:14:41 GMT",
  "2": "Connection: keep-alive",
  "3": "Location: https://xox.com.my/",
  "4": "Report-To: {\\"group\\":\\"cf-
nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=VyEMV%2B2h%2F13hKCVKdQdiu6b4k%2F7P2CUIgKioYl3zvxvEfcfrwyEUEAxmLnCy6d8Rua47VH9yEiYsp5te
5\\": {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}],
  "5": "\\"Nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}\\"",
  "6": "Server: cloudflare",
  "7": "CF-RAY: 9d804069cfeffcf8-SIN",
  "8": "alt-svc: h3=\\":443\\"; ma=86400",
  "10": "HTTP/2 200",
  "11": "date: Fri, 06 Mar 2026 09:14:41 GMT",
  "12": "content-type: text/html",
  "13": "\\"Nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}\\"",
  "14": "server: cloudflare",
  "15": "last-modified: Wed, 04 Mar 2026 07:37:18 GMT",
  "16": "report-to: {\\"group\\":\\"cf-
nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=RPKL5anDhsyqa1y9Z3PWxoaEAjJVHeXmFR61uM8MU8emhSgQBpgTBcP0vwcH9GLviVcj13kKJerJN0tyLmI0%
17\\": {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}],
  "17": "accept-ranges: bytes",
  "18": "cf-cache-status: DYNAMIC",
  "19": "cf-ray: 9d80406a0b1dfd0c-SIN",
  "20": "alt-svc: h3=\\":443\\"; ma=86400"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
-------------	-----

<b>Connected IP</b>	104.26.2.212
<b>Connect Time</b>	7.75 ms
<b>TTFB</b>	43.24 ms
<b>Total Time</b>	43.26 ms

**Response Headers:**

```
[
  "HTTP/2 200",
  "date: Fri, 06 Mar 2026 09:14:41 GMT",
  "content-type: text/html",
  "nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
  "server: cloudflare",
  "last-modified: Wed, 04 Mar 2026 07:37:18 GMT",
  "report-to: {\\"group\\":\\"cf-nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=0svr0qM6XgN1z3pLXuqBk6h5ZKuIstyaRUQtifbQ7GGcuNbsIxJMaxFgW5SzYyFhg15XVeNgqIRA9efY0AR0K4",
  "accept-ranges: bytes",
  "cf-cache-status: DYNAMIC",
  "cf-ray: 9d80406c6b538bcd-SIN",
  "alt-svc: h3=\\":443\\"; ma=86400"
]
```

**IPv6 HTTPS (port 443)**

<b>HTTP Status</b>	200
<b>Connected IP</b>	2606:4700:20::681a:3d4
<b>Connect Time</b>	9.05 ms
<b>TTFB</b>	54.57 ms
<b>Total Time</b>	54.6 ms

**Response Headers:**

```
[
  "HTTP/2 200",
  "date: Fri, 06 Mar 2026 09:14:41 GMT",
  "content-type: text/html",
  "nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
  "server: cloudflare",
  "last-modified: Wed, 04 Mar 2026 07:37:18 GMT",
  "report-to: {\\"group\\":\\"cf-nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=9UW6WEDq71WIpf%2FsD6Xaev8U15n%2FfzB7tjiGGds9cpLdKPsR3HxZ%2BDGnuorfxnVeJLzV6ctUv%2FPI",
  "accept-ranges: bytes",
  "cf-cache-status: DYNAMIC",
  "cf-ray: 9d80406aaf7844c1-SIN",
  "alt-svc: h3=\\":443\\"; ma=86400"
]
```

**Connectivity Test Evidence**

Test	Result
TCP Connect IPv4 → port 80	301 0.007839 0.030351
TCP Connect IPv6 → port 80	301 0.007762 0.028986
TCP Connect IPv4 → port 443	200 0.006865 0.049506
TCP Connect IPv6 → port 443	200 0.009582 0.069620

---

### 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
```