

IPv6 Readiness Report

malaymail.com — malaymail.com




Scan to verify

Category: News Portal • Generated: 04 Jul 2026, 22:23 MYT • Last Checked: 04 Jul 2026, 03:28 MYT • Verification ID: 107f299b-2095-4d80-97fa-3dced51c6def

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

Audit trail: <https://ipv6.my6.my/audit/107f299b-2095-4d80-97fa-3dced51c6def>

 Partially Compliant <small>MGv6C-1.0</small>	82% Partial Support	IPv6-ONLY READINESS Website: ✓ Ready DNS: ✓ Ready Email: ✗ Not Ready
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IPv6 ADDRESSES
2606:4700:20::ac43:445c
2606:4700:20::681a:8f4
2606:4700:20::681a:9f4

IPv4 ADDRESSES
104.26.9.244
104.26.8.244
172.67.68.92

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	AAAA Record	PASS	2606:4700:20::ac43:445c, 2606:4700:20::681a:8f4, 2606:4700:20::681a:9f4	
2	Globally Routable IPv6	PASS	All addresses are globally routable.	
3	HTTP over IPv6	PASS	HTTP (port 80) responds over IPv6 — 60ms TTFB.	
4	HTTPS over IPv6	PASS	HTTPS (port 443) responds over IPv6 — 69ms TTFB.	
5	IPv6-Only Reachability	PASS	Site is fully reachable via IPv6-only.	
6	TLS Certificate Valid (IPv6)	PASS	Certificate valid — issued by C = US, O = Google Trust Services, CN = WE1, expires Sep 12 07:17:44 2026 GMT	
7	Dual-Stack (IPv4 + IPv6)	PASS	Domain has both A and AAAA records.	
8	HTTP/3 (QUIC)	PASS	Alt-Svc: h3 header 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%) 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	104.26.9.244, 104.26.8.244, 172.67.68.92
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 65ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 76ms TTFB.

Audit Trail & Evidence Record

Verification ID	107f299b-2095-4d80-97fa-3dced51c6def
Domain	malaymail.com
Check Mode	Scheduled
Status	Completed
Started	04 Jul 2026, 03:27:39 MYT
Finished	04 Jul 2026, 03:28:38 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/107f299b-2095-4d80-97fa-3dced51c6def

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	3a06578701ed3c53b40fa4c62c3877e288ef09cdad21fb8d68c45f53db7ccda9
http_headers	16e27fc8b8ddb6925434aeafc9baeba929585a1b2abcad347b47dd6bfff3933
dns_responses	77fc831ce0823997048ecdc3acad6bb239dd625e4c443bf602ca54649aab0dca
tls_handshake	3898469072361c67009ad588dec511bd1c9f82e9a44ebc0ddc16350a5c864de6
connectivity_log	ac6663e35b313d65735d54dfc20b109aef2b0a9d15aca4eb63e9a00c48ab89a6
dns_resolution_times	f0387a3de205fd764a560d17aebc77c71739dd4b44fd776d35dc68c572ac2404

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	8.3.32
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	9.28	20.79	10.51	20.71	+1.2
Google	IPv4	23.38	32.66	33.99	35.24	+10.6
Google	IPv6	35.29	35.32	25.29	39.96	-10
Cloudflare	IPv4	19.89	22.74	9.88	19.88	-10
Cloudflare	IPv6	18.71	28.23	31.57	32.27	+12.9

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 61046
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
malaymail.com. 300 IN A 104.26.8.244
malaymail.com. 300 IN A 172.67.68.92
malaymail.com. 300 IN A 104.26.9.244
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 55487
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com. 886 IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1783106881 1800 900 604800 900
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 39526
;; flags: qr rd ra; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

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

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 26952
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
malaymail.com. 86400 IN NS zara.ns.cloudflare.com.
malaymail.com. 86400 IN NS art.ns.cloudflare.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 4402
;; flags: qr rd ra; QUERY: 1, ANSWER: 8, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
malaymail.com. 300 IN TXT "v=spf1 include:servers.mcsv.net ~all"
malaymail.com. 300 IN TXT "_tollbit-validation"
malaymail.com. 300 IN TXT "facebook-domain-verification=hkfpbfs4opgd2fyqldtz2rg6xxtu"
malaymail.com. 300 IN TXT "google-site-verification=BaTLLEgngVAv70UjRL1V9tTHhpnCXUTVIIdDaEqXQs"
malaymail.com. 300 IN TXT "google-site-verification=L5odpegXXDmv7s-bc54aclWwLzoBHAbnnmN13c6hMKY"
malaymail.com. 300 IN TXT "google-site-verification=VT8NzH0N_yNGZAg52mSYHZeDg7u_Zuz5BRcmg7N-4oM"
malaymail.com. 300 IN TXT "google-site-verification=hd4W_5Do-p7u_LF3ZZrsP7HMXGxEtaSZd_DkeIbjpJs"
malaymail.com. 300 IN TXT "google-site-verification=umcsgnyCUKeXo0UtsxTotVFJc2E_yERnJVoaQUz0G4"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 64962
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
```

```
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
malaymail.com. 300 IN AAAA 2606:4700:20::681a:9f4
malaymail.com. 300 IN AAAA 2606:4700:20::ac43:445c
malaymail.com. 300 IN AAAA 2606:4700:20::681a:8f4
```

RRSIG

```
art.ns.cloudflare.com. dns.cloudflare.com. 2408042271 10000 2400 604800 1800
```

DNSKEY

```
;; Got answer:
;; ->HEADER<- opcode: QUERY, status: NOERROR, id: 22692
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
malaymail.com. 1742 IN SOA art.ns.cloudflare.com. dns.cloudflare.com. 2408042271 10000 2400 604800 1800
```

DNSSEC_VALIDATION

```
; unsigned answer
malaymail.com. 1742 IN SOA art.ns.cloudflare.com. dns.cloudflare.com. 2408042271 10000 2400 604800 1800
```


TLS Handshake Evidence

IPV4 Connection

IP Used	104.26.9.244
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 = malaymail.com
verify return:1
CONNECTED(00000010)
...
Certificate chain
0 s:CN = malaymail.com
i:C = US, O = Google Trust Services, CN = WE1
a:PKKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
v:NotBefore: Jun 14 06:17:47 2026 GMT; NotAfter: Sep 12 07:17:44 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDqjCCAlCgAwIBAgIQGAV15Wpqu7MTjyrNpuEV9jAKBggqhkJOPQDAaJ7M0sw
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BgZngQwBAGewNgYDVR0fBFC8wLTAroCmgJ4YLaHR0cDovL2MucGtpLmdvb2cvd2Ux
L3psLUk4UENXUEZFLmNybDCCAQQGcisGAQQ0B1nkCBAlEgEgfIA8AB2ANgJVTUw
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bbT3kHKEE67hYkYCD9MjvYGMaB5F+pQ+Cq13hVK
-----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/MZd5csIkp2FV0TttaF4zAKBggqhkJOPQDAzBHM0sw
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A0cCq1HW90VznX+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
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CxMHUm9vdCBQDTEbMBkGA1UEAxMSR2xvYmF5SU2lnbiBSb290IENBMBA4XTIzMTEx
NTA2NDMyMVoXDTI4MDEyODAwMDA0M0wRZELMakGA1UEBHMCMVVMxIjAgBgNVBAoT
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MHYwEAYHkoZIZj0CAQYFK4EEACIDYgAE83Rz2p1LkY50uDXFgTB7S0md+8Fh2ube
Rr1r1WEYNa5A3XP3iZEwWus87oV8okB206nGuEfyKueSkWp26bFy0Z8pn6KY019e
WIZLD6GEZQbR3IvJx3PIjGov5cSr0R2Ko4H/MIH8MA4GA1UdDwEB/wQEAwIBhAd
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```

```
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vepuoxtGzi4CZ68zJpiq1UvSqTbFJjtbd4seiMHL
-----END CERTIFICATE-----
```

```
Server certificate
subject=CN = malaymail.com
issuer=C = US, O = Google Trust Services, CN = WE1
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: ECDSA
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 2830 bytes and written 395 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
```

IPv6 Connection

IP Used	2606:4700:20::ac43:445c
IP Version	6

```
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 = malaymail.com
verify return:1
CONNECTED(0000010)
---
Certificate chain
0 s:CN = malaymail.com
  i:C = US, O = Google Trust Services, CN = WE1
  a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
  v:NotBefore: Jun 14 06:17:47 2026 GMT; NotAfter: Sep 12 07:17:44 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDQjCCAlCgAwIBAgIQGAV15Wpqu7MTjyrNpuEV9jAKBggqhkjOPQDAjA7M0sw
CQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZpY2VzMQwwCgYD
VQ0EwNXRTEwHhcnMjYwNjE0MDYxNzQ3wzcnMjYwOTEyMDcxNzQ0wWjAYMYRwFAyD
VQ0Ew1tYwXheW1haWwY29tMfkwEwYHkoZiZj0CAQYIKoZiZj0DAQcDQgAEjxlg
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829jWkPvFb0dvfheKa0CA1cwgqJTMA4GA1UdDwEB/wQEAwIHGATBgnVHRSUEDDAK
BgrBgEFBQcDATAMBgnVHRMBAf8EAjAAMB0GA1UdDgQWBm+dTlnkUfj4GMBmLp
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BQcBAQRSMFAwJwYIKwYBBQUHMAAGG2h0dHA6Ly9vLnBra55nb29nL3Mvd2UxL0B0B
VTA1BgrBgEFBQcAoYzAHR0cDovL2kucGtpLmdvb2cvd2UxLmNydApBgNVHREE
IjAggg1tYwXheW1haWwY29tgg8QlMlhbGF5bWVpbC5jY20wEwYDVR0gBAwwCjAI
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hYc6AAABnsT+aFAAAQDAEcwRQIGa97ESgcMNNQ2Wwci6i+DomTmwd3iIyz/knuz
v57YQ00CIQDngKLGu0txvf54s9kAXbeG6+Ghx0FQX08DJ16ANwotMTAKBggqhkjO
PQ0DAgNIADBFaiEA248cf5JhLgK1b03tETufl60Pcq90lXQ2d32Jwr5KDIcIC5x
bbT3kHEE67hYkYCD9MjvYGMaB5F+p0+Cq13hVK
-----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:PKEY: 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-----
MIICnzCCA1WgAwIBAgIQf/MZd5csIkp2FV0TttaF4zAKBggqhkjOPQDAzBHM0sw
CQYDVQQGEwJVUzEiMCAQA1UEChMVR29vZ2x1IFRydXN0IFNlcnZpY2VzIEwzMQww
MBIGAlUEAeXMLR1RTIFJvb3QgUjQwHhcnMjYwNjE0MDYxNzQ3wzcnMjYwOTEyMDcx
MDAwWjA7MQswCQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZp
Y2VzMQwwCgYDVQQDEwNXRTEwWTATBgqhkhjOPQIBBggqhkjOPQMBBwNCAARvzTr+
```



```

"6": "Nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
"7": "Server: cloudflare",
"8": "CF-RAY: a1584b5d5e34f900-SIN",
"9": "alt-svc: h3=\\":443\\"; ma=86400",
"11": "HTTP/2 403",
"12": "date: Fri, 03 Jul 2026 19:28:38 GMT",
"13": "content-type: text/html; charset=UTF-8",
"14": "content-length: 5322",
"15": "accept-ch: Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA",
"16": "cf-mitigated: challenge",
"17": "content-security-policy: default-src 'none'; script-src 'nonce-YCzNYHsLc3sX1rPzLYDVq4' 'unsafe-eval' https://challenges.cloudflare.com; script-src-attr 'none'; style-src 'unsafe-inline'; img-src 'self' https://challenges.cloudflare.com; connect-src 'self' https://challenges.cloudflare.com; frame-src 'self' https://challenges.cloudflare.com blob:; child-src 'self' https://challenges.cloudflare.com blob:; worker-src blob:; form-action http: https:; base-uri 'self'",
"18": "server: cloudflare",
"19": "critical-ch: Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA",
"20": "cross-origin-embedder-policy: require-corp",
"21": "cross-origin-opener-policy: same-origin",
"22": "cross-origin-resource-policy: same-origin",
"23": "origin-agent-cluster: ?1",
"24": "permissions-policy: accelerometer=(),camera=(),clipboard-read=(),clipboard-write=(),geolocation=(),gyroscope=(),hid=(),magnetometer=(),microphone=(),payment=(),publickey-credentials-get=(),screen-wake-lock=(),serial=(),sync-xhr=(),usb=(),xr-spatial-tracking=*",
"25": "referrer-policy: same-origin",
"26": "server-timing: chlray;desc=\\\"a1584b5d88ad8799\\\"\"",
"27": "x-content-type-options: nosniff",
"28": "x-frame-options: SAMEORIGIN",
"29": "report-to: {\\"group\\":\\"cf-nel\\",\\"max_age\\":604800,\\"endpoints\\":{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=QFaz9yMi7rMVwrKYocRwpwhQ5q5Z1gUK%2FwQY53Mh0Jtg6%2F7An0bB0fPASA2i4jh2Hzer7ZujmPfeYUfWw\\\""}",
"30": "nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
"31": "cf-ray: a1584b5d88ad8799-SIN",
"32": "alt-svc: h3=\\":443\\"; ma=86400"
}
    
```

IPv4 HTTPS (port 443)

HTTP Status	403
Connected IP	104.26.8.244
Connect Time	20.86 ms
TTFB	69.16 ms
Total Time	69.21 ms

Response Headers:

```

{
  "0": "HTTP/2 301",
  "1": "date: Fri, 03 Jul 2026 19:28:38 GMT",
  "2": "content-type: text/html; charset=UTF-8",
  "3": "location: https://www.malaymail.com/",
  "4": "report-to: {\\"group\\":\\"cf-nel\\",\\"max_age\\":604800,\\"endpoints\\":{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=cwN40qjNrsyPINy43L43404g17pVpyaUW3aE6R%2FpCryF4ADLLVj3j7oHdjVdL0A5%2BcX%2BUUmhUPm3%2FwQY53Mh0Jtg6%2F7An0bB0fPASA2i4jh2Hzer7ZujmPfeYUfWw\\\""}",
  "5": "nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
  "6": "server: cloudflare",
  "7": "cf-ray: a1584b5e98edfd80-SIN",
  "8": "alt-svc: h3=\\":443\\"; ma=86400",
  "10": "HTTP/2 403",
  "11": "date: Fri, 03 Jul 2026 19:28:38 GMT",
  "12": "content-type: text/html; charset=UTF-8",
  "13": "content-length: 5301",
  "14": "accept-ch: Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA",
  "15": "cf-mitigated: challenge",
  "16": "content-security-policy: default-src 'none'; script-src 'nonce-FyKXE85bubQ0tD86prhyex' 'unsafe-eval' https://challenges.cloudflare.com; script-src-attr 'none'; style-src 'unsafe-inline'; img-src 'self' https://challenges.cloudflare.com; connect-src 'self' https://challenges.cloudflare.com; frame-src 'self' https://challenges.cloudflare.com blob:; child-src 'self' https://challenges.cloudflare.com blob:; worker-src blob:; form-action http: https:; base-uri 'self'",
  "17": "server: cloudflare",
  "18": "critical-ch: Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA",
  "19": "cross-origin-embedder-policy: require-corp",
  "20": "cross-origin-opener-policy: same-origin",
  "21": "cross-origin-resource-policy: same-origin",
  "22": "origin-agent-cluster: ?1",
  "23": "permissions-policy: accelerometer=(),camera=(),clipboard-read=(),clipboard-write=(),geolocation=(),gyroscope=(),hid=(),magnetometer=(),microphone=(),payment=(),publickey-credentials-get=(),screen-wake-lock=(),serial=(),sync-xhr=(),usb=(),xr-spatial-tracking=*",
  "24": "referrer-policy: same-origin",
}
    
```

```

"25": "server-timing: chlray;desc=\"a1584b5ecf04f886\"",
"26": "x-content-type-options: nosniff",
"27": "x-frame-options: SAMEORIGIN",
"28": "report-to: {\\"group\\":\\"cf-
nel\\",\\"max_age\\":604800,\\"endpoints\\":{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=LCwrQe0TjFGMqgvYumCapXzKipdVwP8CvQ8f8aFd4sJscnc0DhCEjwH8LrsBF1DzKjJcU4dfEafBDZPP2KJf
"29": "nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
"30": "cf-ray: a1584b5ecf04f886-SIN",
"31": "alt-svc: h3=\\":443\\"; ma=86400"
}
    
```

IPv6 HTTPS (port 443)

HTTP Status	403
Connected IP	2606:4700:20::ac43:445c
Connect Time	18.33 ms
TTFB	73.83 ms
Total Time	73.9 ms

Response Headers:

```

{
  "0": "HTTP/2 301",
  "1": "date: Fri, 03 Jul 2026 19:28:38 GMT",
  "2": "content-type: text/html; charset=UTF-8",
  "3": "location: https://www.malaymail.com/",
  "4": "report-to: {\\"group\\":\\"cf-
nel\\",\\"max_age\\":604800,\\"endpoints\\":{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=Z6bcnqtpDlit9iJu54sbcu3NVhFvndt2%2BXzHiMUDVDlQlLb29JYwVlDih7s79jvsnFLxgKa1NE6dAxSkh5X
"5": "nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
  "6": "server: cloudflare",
  "7": "cf-ray: a1584b5dccbb6ba8-SIN",
  "8": "alt-svc: h3=\\":443\\"; ma=86400",
  "10": "HTTP/2 403",
  "11": "date: Fri, 03 Jul 2026 19:28:38 GMT",
  "12": "content-type: text/html; charset=UTF-8",
  "13": "content-length: 5322",
  "14": "accept-ch: Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-
Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA",
  "15": "cf-mitigated: challenge",
  "16": "content-security-policy: default-src 'none'; script-src 'nonce-D0bNF6TrjIW3lWogf6yE15' 'unsafe-eval' https://challenges.cloudflare.com; script-src-attr
'none'; style-src 'unsafe-inline'; img-src 'self' https://challenges.cloudflare.com; connect-src 'self' https://challenges.cloudflare.com; frame-src 'self'
https://challenges.cloudflare.com blob; child-src 'self' https://challenges.cloudflare.com blob; worker-src blob; form-action http: https:; base-uri 'self'",
  "17": "server: cloudflare",
  "18": "critical-ch: Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-
Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA",
  "19": "cross-origin-embedder-policy: require-corp",
  "20": "cross-origin-opener-policy: same-origin",
  "21": "cross-origin-resource-policy: same-origin",
  "22": "origin-agent-cluster: ?1",
  "23": "permissions-policy: accelerometer=(),camera=(),clipboard-read=(),clipboard-
write=(),geolocation=(),gyroscope=(),hid=(),magnetometer=(),microphone=(),payment=(),publickey-credentials-get=(),screen-wake-lock=(),serial=(),sync-
xhr=(),usb=(),xr-spatial-tracking=*",
  "24": "referrer-policy: same-origin",
  "25": "server-timing: chlray;desc=\"a1584b5e0967ce6f\"",
  "26": "x-content-type-options: nosniff",
  "27": "x-frame-options: SAMEORIGIN",
  "28": "report-to: {\\"group\\":\\"cf-
nel\\",\\"max_age\\":604800,\\"endpoints\\":{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=fkx%2FURzGAW%2ByLaLgJ5gLC%2Btu6iYZMlDp7GbeMnu30L%2BQ4%2Bj7UwPMALMxwhYi0g5R%2Bt4lG0%2F
"29": "nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
  "30": "cf-ray: a1584b5e0967ce6f-SIN",
  "31": "alt-svc: h3=\\":443\\"; ma=86400"
}
    
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.009147 0.032910
TCP Connect IPv6 → port 80	301 0.007118 0.027491
TCP Connect IPv4 → port 443	301 0.008327 0.036092
TCP Connect IPv6 → port 443	301 0.007755 0.033098

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
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
```