

IPv6 Readiness Report

guardian.com.my — guardian.com.my



Scan to verify

Category: E-commerce • Generated: 29 Jul 2026, 05:44 MYT • Last Checked: 04 Jul 2026, 03:44 MYT • Verification ID: 469764ea-8b73-42ef-be8e-f3bef382b550
Report generated from National IPv6 Readiness Monitor — <https://ipv6.my6.my>
Audit trail: <https://ipv6.my6.my/audit/469764ea-8b73-42ef-be8e-f3bef382b550>



Partially Compliant

MGv6C-1.0

73%

Partial Support

IPv6-ONLY READINESS

Website: ✓ Ready

DNS: ✓ Ready

Email: ✗ Not Ready

IPv6 ADDRESSES

2a04:4e42::380

2a04:4e42:200::380

2a04:4e42:400::380

2a04:4e42:600::380

IPv4 ADDRESSES

151.101.193.124

151.101.65.124

151.101.129.124

151.101.1.124

Network Information (WHOIS / RDAP)

	IPv6 Network	IPv4 Network
Organization	FASTLY	Fastly, Inc.
Country	US	US
ASN	AS54113	AS54113
ASN Name	FASTLY - Fastly, Inc., US	FASTLY - Fastly, Inc., US
Network (CIDR)	2a04:4e42::/32	151.101.0.0/16

Web Services (35%)				7 / 8
#	CHECK	RESULT	DETAIL	
1	AAAA Record	PASS	2a04:4e42::380, 2a04:4e42:200::380, 2a04:4e42:400::380, 2a04:4e42:600::380	
2	Globally Routable IPv6	PASS	All addresses are globally routable.	
3	HTTP over IPv6	PASS	HTTP (port 80) responds over IPv6.	
4	HTTPS over IPv6	PASS	HTTPS (port 443) responds over IPv6 — 8ms 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 = Let's Encrypt, CN = R13, expires Aug 6 13:47:42 2026 GMT	
7	Dual-Stack (IPv4 + IPv6)	PASS	Domain has both A and AAAA records.	
8	HTTP/3 (QUIC)	FAIL	No HTTP/3 support 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%)

3 / 6

#	CHECK	RESULT	DETAIL
1	MX Record Exists	PASS	MX record found.
2	MX Server Has IPv6	FAIL	MX server has no IPv6 address.
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	No common DKIM selector found.
7	DMARC Record	PASS	DMARC record found.

IPv4 Baseline (15%)

3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	151.101.193.124, 151.101.65.124, 151.101.129.124, 151.101.1.124
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 12ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 7ms TTFB.

Audit Trail & Evidence Record

Verification ID	469764ea-8b73-42ef-be8e-f3bef382b550
Domain	guardian.com.my
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:44:03 MYT
Finished	04 Jul 2026, 03:44:07 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/469764ea-8b73-42ef-be8e-f3bef382b550

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	54a435893a7f96d31e20a3ca8b5aafe635f7703be07bb77597e7b10e03ac74ca
http_headers	8bc988ce908221eba1826bc8ca2f7d49e9f2d74e25d6612165d78519d6744393
dns_responses	6a7d07f2c792e6ed0210cb12baa925bdf1d8c856271ee9b840de1edd1e892b99
tls_handshake	21cac098003c15d8c4c6a840dd1019b5ae8f95735ca99000502c056e69d3634d
connectivity_log	cc1440cf135684a9652b20f86248d352445ac63a014824d1b13d06319f244f2a
dns_resolution_times	54b0ee8297c21dc7a8bb949c75ff0796001e935d08bb1827869c8e76f590305b

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	22.72	24.95	10.49	29.85	-12.2
Google	IPv4	21.86	31.77	21.22	30.43	-0.6
Google	IPv6	33.2	39.16	34.13	35.42	+0.9
Cloudflare	IPv4	23.29	24.76	12.43	21.19	-10.9
Cloudflare	IPv6	8.84	9.88	19.06	26.04	+10.2



DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 22829
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
guardian.com.my. 300 IN A 151.101.65.124
guardian.com.my. 300 IN A 151.101.193.124
guardian.com.my. 300 IN A 151.101.1.124
guardian.com.my. 300 IN A 151.101.129.124
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 29734
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 2681 IN SOA e.nic.my. hostmaster.nic.my. 2026052755 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 17397
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
guardian.com.my. 300 IN MX 10 au-smtp-inbound-2.mimecast.com.
guardian.com.my. 300 IN MX 10 au-smtp-inbound-1.mimecast.com.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 39124
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
guardian.com.my. 86400 IN NS clay.ns.cloudflare.com.
guardian.com.my. 86400 IN NS data.ns.cloudflare.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 22010
;; flags: qr rd ra; QUERY: 1, ANSWER: 7, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
guardian.com.my. 300 IN TXT "_globalsign-domain-verification=a5IoZXY3fA84qiV00MTevhhM_2kzIuaaJrRMCZgHT0"
guardian.com.my. 300 IN TXT "google-site-verification=Gx0P5tYa5mZ3_2LSAv5bwUuQ9_lvEbreW19ks_QaWmA"
guardian.com.my. 300 IN TXT "v=spf1 include:spf.mandrillapp.com include:au._netblocks.mimecast.com include:spf.protection.outlook.com ~all"
guardian.com.my. 300 IN TXT "MS=ms22897116"
guardian.com.my. 300 IN TXT "_globalsign-domain-verification=7Qv66RL6KnXT3GdKm0SOV58dv-rhdm9crLa4iAtNUw"
guardian.com.my. 300 IN TXT "_globalsign-domain-verification=8IkrogqRmoeSpJ_RGFaVc7jrHcwKBL_6gibufnvjjj"
guardian.com.my. 300 IN TXT "_globalsign-domain-verification=C6G_lzguDMGI00D0HQ29xNpCzGktB-L5tj4PidLRhl"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 23489
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
guardian.com.my. 1797 IN SOA clay.ns.cloudflare.com. dns.cloudflare.com. 2407583211 10000 2400 604800 1800
```

RRSIG

```
clay.ns.cloudflare.com. dns.cloudflare.com. 2407583211 10000 2400 604800 1800
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 54647
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
guardian.com.my. 1797 IN SOA clay.ns.cloudflare.com. dns.cloudflare.com. 2407583211 10000 2400 604800 1800
```

DNSSEC_VALIDATION

```
; unsigned answer
guardian.com.my. 1797 IN SOA clay.ns.cloudflare.com. dns.cloudflare.com. 2407583211 10000 2400 604800 1800
```


TLS Handshake Evidence

IPV4 Connection

IP Used	151.101.193.124
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 = R13
verify return:1
depth=0 CN = guardian.com.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:CN = guardian.com.my
   i:C = US, O = Let's Encrypt, CN = R13
   a:PKKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: May  8 13:47:43 2026 GMT; NotAfter: Aug  6 13:47:42 2026 GMT
-----BEGIN CERTIFICATE-----
MIIFFjCCBA6gAwIBAgISBnVLJdtKHo/AXr+Aqz9arwV0MA0GCSqGSIb3DQEBCwUA
MDMxCzAJBgNVBAYTAlVTMRyYwFAYDVoQKEwIMZXR5Y29kaWwKbG9wY29kaWwK
EwNSMTMwHhcnMjYwNTA4MTM0NzQzWhcnMjYwODA2MTM0NzQyWjAaMRgwFgYDVQO
Ew9ndWYzG1hbi5jb20ubXkwgGsiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIB
A0D0nCb3fRACbjx0LuH5i6gWzUG0s/GS7ohTzHrfj2nYXBczGhmBYnUy1E9/dLjV
kg7WnP0+u0cAdSKV0u/0aexLgMC20I81G/2qizEep0oooLCJQ+up028EaB0Ie+SG
z8HfL/2tRVv2G7/0hUsDLepZX6LB4R5mtBfT0jwLyEAgIZGw1eYftlSpCgoDM7Wc
WQ0tDVLZeMkXeJRHSdzLCIisoJTMgra9iC3SojVGcM/uhFg8SurmId5U0AiQhSb
j6sww85i0L/dX4bkYpN4XJaaTWd0U3zDph3ixS4bL73ty0TZLm90WpV2T9wQRs8F
5uLmfTdiuaQl0cJQy92nMKtnAgMBAAGggJLMIIcRzA0BgNVHQ8BAf8EBAMCBaw
EwYDVR0LBAAwCgYIKwYBBQUHAWAwEwDAYDVDR0TAQH/BAIwADAdBgNVHQ4EFgQUa34A
vITQ0QSm7jPmUWfytk38s6IwHwYDVR0jBBgwFoAU56ufdywzoFPTXk94yLKEDjvW
kjMwMwYIKwYBBQUHAQEEJzAlMCMGCCsGAQUFBzAChhdodHRwOi8vcjEzLmkuY29kaWwK
Y3Iub3JnLzBHBgNVHREEQDA+gg9ndWYzG1hbi5jb20ubXkwFm1jCHJvZC5ndWYz
ZG1hbi5jb20ubXkwCE3d3dy5ndWYzG1hbi5jb20ubXkwEwYDVR0gBAwwCjAIBGZn
g0WAgEwLwYDVR0fBCCgwJjAkoCKgIIYeaHR0cDovL3IxMy5jLmxlbmNlYm9yZy8x
MTcuY3J3SIIlBDAyKkwyBBAHWeQIEAgSB/QSB+gd4AHYAyKPEf8ezrbk1awE/anoS
beM6Tk0Lxkb5l605dZkdz5oAAAGeCA2sTQAABAMARzBFAiB09soWalsacVvrXrb0
IZbei5gyu+dHURLEAEeCER2AUwIhAL+VumyNpdGV/cqemINTJRpe4JLqHAbafclY
EYIyCkBIAH4AGoudaw/+v4G0eTnG0jEKhtbRAtTwRuIYLJ3jX14mJe8AAAGeCA2s
iAAIAAAAFABBBkw+YEAwBHMEUCIFtQuSWyH/dMb7AiWfyupTM6qYyvw5aTcxX0+9Na
ibACAIeAtBiprOCkNzomyELLn6nVBqCQnkbLK9ztw0NYxwpxjAswDQYJKoZIhvcN
AQELBQADggEBAGHAzC8kd3f82zk2KpgtRqVvLIUx9AQlU9Zbu7d//iJuguUilLZr2
8+l9NMCViAbvmHC4boViE/S/s2IUfH6Qv1j/ZtLqHRZxLQakJKfncx+xSc+Rn6
yJr9EGDTwUs6xytM0p4tY2akerNxxvq5/AFctXEd7JU57VGMZZ1hBXaj2xdgtcWdt
WJlghvchNHYLGWj1M6e0wQcL8TysyVHyR0xpojchNC2/7+0NYRTxAzckL60fVmt+
/P0VRSpgvKQAnEYl1ZlGIE7N0vt52fSk0mJRSIBxemXaDbHKInWoS57uUv2GfXf+
1LLGKiLA8Hg5uCdQKneymvmv0TkJFFcj60Y=
-----END CERTIFICATE-----
1 s:C = US, O = Let's Encrypt, CN = R13
i:C = US, O = Internet Security Research Group, CN = ISRG Root X1
a:PKKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
v:NotBefore: Mar 13 00:00:00 2024 GMT; NotAfter: Mar 12 23:59:59 2027 GMT
-----BEGIN CERTIFICATE-----
MIIFBTCCAu2AgAwIBAgIQWgDyEtjUtIdzkfX6imDBTANBgkqhkiG9w0BAQsFADBP
MQswCQYDVQOGEwJ3UzZEpMcCgA1UEChMgSW50ZXJ1ZXQgU2VjdXJpdHkgUmVzZWYy
Y2ggR3JvdXAxFtATBgnVBAMTDElTukcUm9vdbCYMTAeFw0yNDAzMTMwMDAwMDBa
B0yNzAJMTIyMzU5NTlAMDMxCzAJBgNVBAYTAlVTMRyYwFAYDVoQKEwIMZXR5Y29kaWwK
bmNyeXB0MQwwCgYDVQOGEwNSMTMwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEK
AoIBAQC1Z3CN0FaBZBUXYc25BtStGZCMJLA3mBZjklTb2cyEBZPs0+wiG6B0UUNI
f5vH5JaetC3ancgn01ehn6vw1g7UDjDKb5ux0daknTI+WE41b0VYaHEX/D7YXYKg
L7JRbLAaXbhZzjVlyIuhrxA3/+0XcJfZT/jCuLjfC8cSyTDB0FxlRHzarJXnzR
yQH3nAP2/Apd9Np75tt2Qndr9E0i2gB3b9bJXxf92nUupVcM9upctuBzpwjPoXTi
dYJ+EJ/B9aLrAek4sQpEzNPCifvJNYIKNLMc6YjCR06CDgo28EdPivEpBHXazeGa
XP9enZiVuppD0EqiFwUBBDTMrOPAgMBAAAgggfgwgfUwDgYDVR0PAQH/BAQDAgGG
MB0GA1UdJQMwMBQGCCsGAQUFBwMBBggrBgEFBQcDATASBgNVHRMBAf8EDCAGAQH/
AgEAM0BGA1UdDgQWBbTnq58PLD0gU9NeT3jIsoQ009aSMaFzBgNVHSMGDAWgBR5
tFnme7b15AFzgAiIyBp9YumbbjAyBggrBgEFBQcBAQQmMCQwIgwYIKwYBBQUHMAKG
Fmh0dHA6Ly94M55pLmxlbmNlYm9yZy8xMTcuY3J3SIIlBDAyKkwyBBAHWeQIEAgSB/QSB+
gd4AHYAyKPEf8ezrbk1awE/anoSbeM6Tk0Lxkb5l605dZkdz5oAAAGeCA2sTQAABAMARzBFAiB09soWalsacVvrXrb0
IZbei5gyu+dHURLEAEeCER2AUwIhAL+VumyNpdGV/cqemINTJRpe4JLqHAbafclY
EYIyCkBIAH4AGoudaw/+v4G0eTnG0jEKhtbRAtTwRuIYLJ3jX14mJe8AAAGeCA2s
iAAIAAAAFABBBkw+YEAwBHMEUCIFtQuSWyH/dMb7AiWfyupTM6qYyvw5aTcxX0+9Na
ibACAIeAtBiprOCkNzomyELLn6nVBqCQnkbLK9ztw0NYxwpxjAswDQYJKoZIhvcN
AQELBQADggEBAGHAzC8kd3f82zk2KpgtRqVvLIUx9AQlU9Zbu7d//iJuguUilLZr2
8+l9NMCViAbvmHC4boViE/S/s2IUfH6Qv1j/ZtLqHRZxLQakJKfncx+xSc+Rn6
yJr9EGDTwUs6xytM0p4tY2akerNxxvq5/AFctXEd7JU57VGMZZ1hBXaj2xdgtcWdt
WJlghvchNHYLGWj1M6e0wQcL8TysyVHyR0xpojchNC2/7+0NYRTxAzckL60fVmt+
/P0VRSpgvKQAnEYl1ZlGIE7N0vt52fSk0mJRSIBxemXaDbHKInWoS57uUv2GfXf+
1LLGKiLA8Hg5uCdQKneymvmv0TkJFFcj60Y=
-----END CERTIFICATE-----
```

```
Axu4CaDmRNZpK/pQrXF17yXCXkmEWgvS0EZy6Z9pcbLIVEGckV/iVeq0A0o2pkg9
p4QIy0tK2diREnLSf2KysFwbY6B26BFefs3v1sYVRhFW9nLk0rQVporC50KyZmf
wVD89qStlNctLcZnIavjKsKUuInAliU0yYmDepKR7LWbnwhdx3ewok=
-----END CERTIFICATE-----
---
Server certificate
subject=CN = guardian.com.my
issuer=C = US, 0 = Let's Encrypt, CN = R13
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: RSA-PSS
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 3160 bytes and written 381 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_128_GCM_SHA256
Server public key is 2048 bit
Secure Renegotiation IS NOT supported
Compression: NONE
Expansion: NONE
No ALPN negotiated
Early data was not sent
Verify return code: 0 (ok)
---
DONE
---
```

IPv6 Connection

IP Used	2a04:4e42::380
IP Version	6

```
depth=2 C = US, 0 = Internet Security Research Group, CN = ISRG Root X1
verify return:1
depth=1 C = US, 0 = Let's Encrypt, CN = R13
verify return:1
depth=0 CN = guardian.com.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
0 s:CN = guardian.com.my
  i:C = US, 0 = Let's Encrypt, CN = R13
  a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
  v:NotBefore: May 8 13:47:43 2026 GMT; NotAfter: Aug 6 13:47:42 2026 GMT
-----BEGIN CERTIFICATE-----
MIIFJjCCBA6gAwIBAgISBnvLJDtKHo/AXr+Aqz9arwV0MA0GCSqGSIb3DQEBCwUA
MDMxCzAJBgNVBAYTAlVTMRYYFAYDVQQKEwIMXzQncyBFbmNyeXB0MQwwCgYDVQQD
EwNSMTMwHhcNMjYwNTA4MTM0NzQzWmcNMjYwODA2MTM0NzQyWjAaMRgwFgYDVQQD
Ew9ndWFyZGlhbi5jb20ubXkwggEiMA0GCSqGSIb3DQEBQUAA4IBDwAwggEKAoIB
AQDbnCb3frACbjxoLuH5i6gWzUG0s/GS7ohTZHrfj2nYXBczGhmBYnUy1E9/dLjV
kg7WnPou+u0cAdSKV0u/0aexLgMC20I81G/2qizEep0oooLCJQ+up028EaB0Ie+SG
zBHfL/2tRVv2G7/0hUsDLepZX6LB4R5mtBfTOjwLyEAgIZGw1eYftlSpCgoDM7Wc
WQ0tDVLZeMkKxeJRHS0zLCIsoJTMgra9iC3SojVGcM/uhFg8SurmId5U0AiQhSb
j6s6m85i0L/dX4bkYpN4XJaaTWd0U3zDph3ixS4bL73ty0TLm90WpV2T9wQRs8F
SulMftdIuaQl0cJ0y92nMKtnAgMBAAAgggJLMIIcRzA0BgNVHQ8BAf8EBAMCBAw
EwYDVR0lBAwwCgYIKwYBBQUHAWAwDAYDVROTAQH/BAIwADADBgNVHQ4EFgQUa34A
vITqQ0Sm7jPmUWfytk38s6IwHwYDVR0jBBgwFoAU56ufDywozFPTXk94yLKEDjvW
kjmMwWYIKwYBBQUHAQEEJzAlMCMGCSsGAQUFBzACHhdodHRwOi8vcjEzLmkuYVU
Y3Iub3JnLzBHBG9NVHREEQDA+gg9ndWFyZGlhbi5jb20ubXkCfm1jcHJvZC5ndWFy
ZGlhbi5jb20ubXkCE3d3dy5ndWFyZGlhbi5jb20ubXkwEwYDVR0gBAwwCjAIBgZn
gQwBAGAwLwYDVR0fBCGwJjAkoCKgIIYeaHR0cDovL3IeMy5jLmxlbmNylm9yZy8x
MTcuY3J3sMIIBDAYKKwYBBAHWeQIEAgSB/QSB+gd4AHYAykPEf8ezrbk1lawE/aNoS
beM6Tkl0Lxkb5L605dZkdz5oAAAGeCA2sTQAABAMARzBFAiB09soWalsacVvrXrb0
IZbei5gyu+dHURLBEaeCEr2AUwIhAL+VumyNpdGV/cqemINTJRpe4JLqHabaFcLY
EvIyCkBIAH4AGoudaw/+v4G0eTnG0jEKhtbRATwRuIYLJ3jX14mJe8AAAGeCA2s
iAIAAAAFABBBkw+YEAwBHMEUCIFtQuSWyH/dMb7A1wFyupTM6qYyvw5aTcxX0+9NA
1bACAIeAtBiprOCkNzomyELln6nVBgCQnkbLK9ztw0NyXwpxjAswDQYJKoZIhvcN
AQELBQADggEBAGHAzC8kd3f82zk2KpgtRqVvLIUx9AQU9Zbu7d//iJuguUiLZr2
8+l9NMNCviAbvmHC4boViIe/s/S2IUfH6Qv1j/ZtLqHRZxlQakJ7Kfncx+xsC+Rn6
yJr9EGDTwUs6xytM0p4tY2akerNxxvq5/AFctXEd7JU57VGMZZ1hBXaj2xdgtcWdt
WJlghvchNHYLGWj1M6e0wQcL8TysyvHyr0xpojchNc2/7+0nYRTxAzcLK60fVmt+
/POVrsgpvKQAnEYl1ZLgIE7N0vt2FSTk0mJRSIXemXaDbHKInWoS57uUv2gFxF+
1LLGkILA8Hg5uCDqKneymvmvM0TkJFFcj60Y=
-----END CERTIFICATE-----
1 s:C = US, 0 = Let's Encrypt, CN = R13
  i:C = US, 0 = Internet Security Research Group, CN = ISRG Root X1
```

```
a:KEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
v:NotBefore: Mar 13 00:00:00 2024 GMT; NotAfter: Mar 12 23:59:59 2027 GMT
-----BEGIN CERTIFICATE-----
MIIFBTCCAu2gAwIBAgIQWgDyEtjUtIDzkkFX6imDBTANBgkqhkiG9w0BAQsFADBP
MQswCQYDVQQGEwJVVzEpMCcGA1UEChMgSw50ZXJvZXQgU2VjdXJpdHkgUmVzZWYy
Y2ggR3JvdXAxFtATBgnVBAmtDELtUkcGUm9vdCBYMTAeFw0yNDZzMmMwMDAwMDBa
Fw0yNzAzMTIyMzU5NTlaMDMxCzAJBgNVBAYTALVtMRyWFAyDVQKKEwIMZXR0ncyBF
bmNyeXB0MQwwCgYDVQQDEwNSMTMwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEK
AoIBAQCILZ3CN0FaBZBUXYc25BtStGZCMJLA3mBZj kLTb2cyEBZPs0+wIG6BgUUNI
f5vHSJaetC3ancgn01ehn6vwlg7UDjDKb5ux0daknTI+WE41b0VYaHEX/D7YXYKg
L7JRbLAaXbhZzjVlyIuhrxA3/+0cXcJJFzT/jCuLjfC8cSyTDB0FxlRHzarJXnzR
yQH3nAP2/Apd9Np75tt2QnDr9E0i2gB3b9bJXxf92nUupVcM9upctuBzpwjPoXTi
dYJ+EJ/B9aLrAek4sQpEzNPCifVJNYIKNLMc6YjCR06CDgo28EdPivEpBHXazeGa
XP9enZiVuppD0EqiFwUBBDDTMrOPAgMBAAGjgfgwgFwDgYDVR0PAAQH/BAQDAgGG
MB0GA1UdJQOWMBQGCcsGAQUFBwMCBggrBgEFBQcDATASBgnVHRMBAf8ECDAGAQH/
AgEAMB0GA1UdDgQWBtNq58PLD0gU9NeT3jIsoQ009aSMzAfBgNVHSMEGDAWgBR5
tFmme7bLSAFzgAiIyBpY9umbbjAyBggrBgEFBQcBAQQmMCQwIgYIKwYBBQUHMAKG
Fmh0dHA6Ly94M55pLmxlbmNylm9yZy8wEwYDVR0gBAwwCjAIBgZngQwBAgEwJwYD
VR0FBCAwHjAcoBqgGIYwaHR0cDovL3gxLmMubGvUy3Iub3JnLzANBgkqhkiG9w0B
AQsFAAOCAGEAUTdYUqEimzW7Tbr0ypLqCfL7V0wyf/Q790H5cHLCZeggfQhDconl
k7Kgh8b0vi+/XuWu7CN8n/UPeg1vo3G+taXirrytthQinAHGwc/Udb0ygJa9zuBc
VyqoH3CXTXDInT+8a+c3aEVMJ2St+pSn4ed+wkDp8ijsijvEyFwE47huLW0Ltzjg
9f0V5Pmrg/zxWbRuL+k0DBDHEJennCsAen7c35Pmx7jpmJ/HtgRhcNZ0yJSBvyIw
6LlQIupkCv2SB0DT/xDD3gfQ0yKv6roV4G2EhfEYAsWpmojxjCUCGi yg97FvDtm/
NK2LSc9lybKxB73I2+P2G3CaWpvvpAiHCvu30jW8GcXkdFhsXtnIy2imskQqVZ2m
0Pmxobb28Tucr7xBK7CtwvPrb79os7u2XP305f9b/H66GNYRrgLRXlrYjIloGYL/
f4IIn/Sgusda6WvA6C190kxjU15Y12mHU4+BxyR9cx2hhGS9fAjMZKJss28qvxz6
Axu4CaDmRNZpK/pQrXF17yXCXkmEWgvS0EZY6Z9pcbLIVEGckV/iVeq0A0o2pkg9
p4QRiY0tK2diRENLSF2KysFwbY6B26BFeFs3v1sYVRhFW9nLkOrQVporCS0KyZmf
wVD89qSTlNctLcZnIavjKsKUuInAliU0yYmYepKR7LWbnwhdx3ewok=
-----END CERTIFICATE-----
---
Server certificate
subject=CN = guardian.com.my
issuer=C = US, O = Let's Encrypt, CN = R13
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: RSA-PSS
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 3160 bytes and written 381 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_128_GCM_SHA256
Server public key is 2048 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	200
Connected IP	151.101.65.124
Connect Time	5.41 ms
TTFB	16.75 ms
Total Time	16.82 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Connection: close",
  "2": "Content-Length: 0",
  "3": "Retry-After: 0",
  "4": "Location: https://guardian.com.my/",
  "5": "Accept-Ranges: bytes",
  "6": "Date: Fri, 03 Jul 2026 19:44:07 GMT",
  "7": "X-Served-By: cache-kul9823-KUL",
  "8": "X-Cache: HIT",
  "9": "X-Cache-Hits: 0",
  "10": "X-Timer: S1783107847.408984,V50,VE0",
  "11": "Vary:",
  "12": "Strict-Transport-Security: max-age=31557600",
  "14": "HTTP/2 200",
  "15": "X-xss-protection: 1; mode=block",
  "16": "content-security-policy: script-src http: https: https://guardian.com.my 'unsafe-eval' 'unsafe-inline' https://connect.facebook.net https://static.zdassets.com https://ekr.zdassets.com https://ekr.zendesk.com https://123456.zendesk.com https://*.zopim.com https://zendesk-eu.my.sentry.io https://v2assets.zopim.io wss://123456.zendesk.com https://analytics.tiktok.com wss://*.zopim.com *.qgr.ph *.scarabresearch.com https://www.instagram.com https://www.tiktok.com wss://*.tiktok.com; style-src 'self' blob: https: 'unsafe-inline' https://guardian.com.my; img-src data: http: https:; object-src 'none'; base-uri 'none'; child-src 'self'; font-src data: 'self' fonts.gstatic.com dsf-cdn.loreal.io; frame-src *.facebook.com *.google.com assets.braintreegateway.com *.youtube.com *.youtu.be *.vimeo.com *.guardianmy.me play.guardian.com dsf-cdn-staging.loreal.io 6493187.fls.doubleclick.net *.tiktok.com *.instagram.com guardiancatalogue.com online.fliphtml5.com/zzjmp/dkbh/;",
  "17": "content-type: text/html;charset=UTF-8",
  "18": "x-timer: S1782973267.876035,V50,VE90",
  "19": "x-platform-server: i-03d48d6de84489ee1",
  "20": "x-platform-server: i-03d48d6de84489ee1",
  "21": "x-frame-options: SAMEORIGIN",
  "22": "traceresponse: 00-18be64bd582f11022459d135302cbd03-e130e4e9acc8f8ae-01",
  "23": "x-debug-info: eyJyZXRYaWVzIjowfQ==",
  "24": "cache-control: max-age=259200",
  "25": "x-content-type-options: nosniff",
  "26": "x-robots-tag: INDEX,FOLLOW",
  "27": "accept-ranges: bytes",
  "28": "date: Fri, 03 Jul 2026 19:44:07 GMT",
  "29": "age: 134581",
  "30": "x-served-by: cache-sin-wsap440099-SIN, cache-sin-wsap440099-SIN, cache-sin-wsap440086-SIN, cache-kul9824-KUL",
  "31": "x-cache: MISS, HIT, HIT",
  "32": "x-cache-hits: 0, 140, 1",
  "33": "vary: Accept-Encoding, Cookie",
  "34": "strict-transport-security: max-age=31557600",
  "35": "content-length: 92147"
}
```

IPv6 HTTP (port 80)

HTTP Status	301
Connected IP	2a04:4e42::380
Connect Time	0.76 ms
TTFB	2.55 ms
Total Time	3.71 ms
Error	Could not resolve host: guardian.com.my

Response Headers:

```
[
  "HTTP/1.1 301 Moved Permanently",
  "Connection: close",
  "Content-Length: 0",
  "Retry-After: 0",
  "Location: https://guardian.com.my/",
]
```

"Accept-Ranges: bytes", "Date: Fri, 03 Jul 2026 19:44:07 GMT", "X-Served-By: cache-kul9824-KUL", "X-Cache: HIT", "X-Cache-Hits: 0", "X-Timer: S1783107847.391953,VS0,VE0", "Vary:", "Strict-Transport-Security: max-age=31557600"]
--

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	151.101.193.124
Connect Time	0.71 ms
TTFB	6.63 ms
Total Time	6.65 ms

Response Headers:

["HTTP/2 200", "x-xss-protection: 1; mode=block", "content-security-policy: script-src http: https: https://guardian.com.my 'unsafe-eval' 'unsafe-inline' https://connect.facebook.net https://static.zdassets.com https://ekr.zdassets.com https://ekr.zendesk.com https://123456.zendesk.com https://*.zopim.com https://zendesk-eu.my.sentry.io https://v2assets.zopim.io wss://123456.zendesk.com https://analytics.tiktok.com wss://*.zopim.com *.qgr.ph *.scarabresearch.com https://www.instagram.com https://www.tiktok.com wss://*.tiktok.com; style-src 'self' blob: https: 'unsafe-inline' https://guardian.com.my; img-src data: http: https;; object-src 'none'; base-uri 'none'; child-src 'self'; font-src data: 'self' fonts.gstatic.com dsf-cdn.loreal.io; frame-src *.facebook.com *.google.com assets.braintreegateway.com *.youtube.com *.youtu.be *.vimeo.com *.guardianmy.me play.guardian.com.my dsf-cdn-staging.loreal.io 6493187.fl.s.doubleclick.net *.tiktok.com *.instagram.com guardiancatalogue.com online.fliphtml5.com/zzjmp/dkbh/; ", "content-type: text/html;charset=UTF-8", "x-timer: S1782973267.876035,VS0,VE90", "x-platform-server: i-03d48d6de84489ee1", "x-platform-server: i-03d48d6de84489ee1", "x-frame-options: SAMEORIGIN", "traceresponse: 00-18be64bd582f11022459d135302cbd03-e130e4e9acc8f8ae-01", "x-debug-info: eyJyZXRYaWVzIjowfQ==", "cache-control: max-age=259200", "x-content-type-options: nosniff", "x-robots-tag: INDEX,FOLLOW", "accept-ranges: bytes", "date: Fri, 03 Jul 2026 19:44:07 GMT", "age: 134581", "x-served-by: cache-sin-wsap440099-SIN, cache-sin-wsap440099-SIN, cache-sin-wsap440086-SIN, cache-kul9820-KUL", "x-cache: MISS, HIT, HIT", "x-cache-hits: 0, 140, 14", "vary: Accept-Encoding, Cookie", "strict-transport-security: max-age=31557600", "content-length: 92147"]
--

IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2a04:4e42::380
Connect Time	2.18 ms
TTFB	8.67 ms
Total Time	8.69 ms

Response Headers:

["HTTP/2 200", "x-xss-protection: 1; mode=block", "content-security-policy: script-src http: https: https://guardian.com.my 'unsafe-eval' 'unsafe-inline' https://connect.facebook.net https://static.zdassets.com https://ekr.zdassets.com https://ekr.zendesk.com https://123456.zendesk.com https://*.zopim.com https://zendesk-eu.my.sentry.io https://v2assets.zopim.io wss://123456.zendesk.com https://analytics.tiktok.com wss://*.zopim.com *.qgr.ph *.scarabresearch.com https://www.instagram.com https://www.tiktok.com wss://*.tiktok.com; style-src 'self' blob: https: 'unsafe-inline' https://guardian.com.my; img-src data: http: https;; object-src 'none'; base-uri 'none'; child-src 'self'; font-src data: 'self' fonts.gstatic.com dsf-cdn.loreal.io; frame-src *.facebook.com *.google.com assets.braintreegateway.com *.youtube.com *.youtu.be *.vimeo.com *.guardianmy.me play.guardian.com.my dsf-cdn-staging.loreal.io 6493187.fl.s.doubleclick.net *.tiktok.com *.instagram.com guardiancatalogue.com online.fliphtml5.com/zzjmp/dkbh/; ", "content-type: text/html;charset=UTF-8", "x-timer: S1782973267.876035,VS0,VE90",

```
"x-platform-server: i-03d48d6de84489ee1",
"x-platform-server: i-03d48d6de84489ee1",
"x-frame-options: SAMEORIGIN",
"traceresponse: 00-18be64bd582f11022459d135302cbd03-e130e4e9acc8f8ae-01",
"x-debug-info: eyJyZXRYaWVzIjowfQ==",
"cache-control: max-age=259200",
"x-content-type-options: nosniff",
"x-robots-tag: INDEX,FOLLOW",
"accept-ranges: bytes",
"date: Fri, 03 Jul 2026 19:44:07 GMT",
"age: 134581",
"x-served-by: cache-sin-wsap440099-SIN, cache-sin-wsap440099-SIN, cache-sin-wsap440086-SIN, cache-ku19820-KUL",
"x-cache: MISS, HIT, HIT",
"x-cache-hits: 0, 140, 12",
"vary: Accept-Encoding, Cookie",
"strict-transport-security: max-age=31557600",
"content-length: 92147"

]
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.000936 0.003461
TCP Connect IPv6 → port 80	301 0.001512 0.003817
TCP Connect IPv4 → port 443	200 0.001326 0.018148
TCP Connect IPv6 → port 443	200 0.001290 0.019947

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
```