IPv6 Readiness Report

boustead.com.my — boustead.com.my

Scan to verify

Category: Enterprise • Generated: 02 Nov 2026, 03:06 MYT • Last Checked: 08 Aug 2026, 18:31 MYT • Verification ID: 2bc0359f-1bed-4670-83c2-aab9bb5ab69f
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/2bc0359f-1bed-4670-83c2-aab9bb5ab69f

⚠

Partially Compliant

MGv6C-1.0

81%

Partial Support

IPV6-ONLY READINESS

Website: ✗ **Not Ready**

DNS: ✓ **Ready**

Email: ✗ **Not Ready**

IPV6 ADDRESSES

2606:4700:20::ac43:4a52
2606:4700:20::681a:31b
2606:4700:20::681a:21b

IPV4 ADDRESSES

104.26.2.27
104.26.3.27
172.67.74.82

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%) — 6 / 8

#	CHECK	RESULT	DETAIL
1	**AAAA Record**	PASS	2606:4700:20::ac43:4a52, 2606:4700:20::681a:31b, 2606:4700:20::681a:21b
2	**Globally Routable IPv6**	PASS	All addresses are globally routable.
3	**HTTP over IPv6**	PASS	HTTP (port 80) responds over IPv6 — 32ms TTFB.
4	**HTTPS over IPv6**	PASS	HTTPS (port 443) responds over IPv6 — 41ms TTFB.
5	**IPv6-Only Reachability**	FAIL	Site is not reachable when limited to IPv6-only.
6	**TLS Certificate Valid (IPv6)**	PASS	Certificate valid — issued by C = US, O = Let's Encrypt, CN = YE1, expires Oct 3 03:12:31 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.
6	**DS Record at Parent**	FAIL	No DS record at parent.

#	CHECK	RESULT	DETAIL
7	**RRSIG Valid**	FAIL	No valid RRSIG found.
8	**Signing Algorithm**	INFO	No DNSKEY record found.

Email Services (25%) — 4 / 4

#	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: default._domainkey
7	**DMARC Record**	PASS	DMARC record found.

IPv4 Baseline (15%) — 3 / 3

#	CHECK	RESULT	DETAIL
1	**A Record**	PASS	104.26.2.27, 104.26.3.27, 172.67.74.82
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 33ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 32ms TTFB.

Audit Trail & Evidence Record

Verification ID	2bc0359f-1bed-4670-83c2-aab9bb5ab69f
Domain	boustead.com.my
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:30:55 MYT
Finished	08 Aug 2026, 18:31:16 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/2bc0359f-1bed-4670-83c2-aab9bb5ab69f

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	eac9905fa34acf63bd981bc94f1542dfa8e2e4a2d1d98b03d83c1d6d6b81c9ce
http_headers	48c82d9418cbd672c3185bc0c86ee610a9af6a739fabe3c4f887db60e396d215
dns_responses	bb4ed3c6086fada54c1976f19ace806dd8d90366281bc6cab089f18968f6424c
tls_handshake	7f5d3722a1fa2816c39e726d1096b14058421e50c6407d65629a57421bc525d1
connectivity_log	4ef1798447d5cb2c583e0918a0d32eefa337e4c850637936722ef2298b6d39db
dns_resolution_times	ccf135997955fcf0bfdc2fab29dfca72666a45be124ec096ad7fde28fae06bbf

Test Node Identity

Os	Linux srv1440888 6.8.0-136-generic #136-Ubuntu SMP PREEMPT_DYNAMIC Wed Jul 1 21:53:05 UTC 2026 x86_64
Hostname	srv1440888
Php Version	8.3.33
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	37.72	45.2	31.95	36.97	-5.8
Google	IPv4	87.67	102.64	79.25	91.85	-8.4
Google	IPv6	46.08	92.1	90.45	111.96	+44.4
Cloudflare	IPv4	23.26	23.3	23.46	26.32	+0.2
Cloudflare	IPv6	43.43	45	21.23	35.41	-22.2

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 31215
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
boustead.com.my.␣300␣IN␣A␣104.26.3.27
boustead.com.my.␣300␣IN␣A␣104.26.2.27
boustead.com.my.␣300␣IN␣A␣172.67.74.82
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 10084
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my.␣␣␣3012␣IN␣SOA␣e.nic.my. hostmaster.nic.my. 2026062862 1800 900 604800 3600
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 27771
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
boustead.com.my.␣300␣IN␣MX␣0 boustead-com-my.mail.protection.outlook.com.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 58564
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
boustead.com.my.␣59548␣IN␣NS␣cody.ns.cloudflare.com.
boustead.com.my.␣59548␣IN␣NS␣zara.ns.cloudflare.com.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 3548
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
boustead.com.my.␣300␣IN␣TXT␣"MS=58329C06718E7BBCD780D12EFFC8ED58FDF746FA"
boustead.com.my.␣300␣IN␣TXT␣"v=spf1 include:spf.protection.outlook.com include:spf.sfdns.net -all"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 47100
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
boustead.com.my.␣300␣IN␣AAAA␣2606:4700:20::681a:21b
boustead.com.my.␣300␣IN␣AAAA␣2606:4700:20::ac43:4a52
boustead.com.my.␣300␣IN␣AAAA␣2606:4700:20::681a:31b
```

RRSIG

```
cody.ns.cloudflare.com. dns.cloudflare.com. 2410107076 10000 2400 604800 1800
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 53847
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
boustead.com.my.□1781□IN□SOA□cody.ns.cloudflare.com. dns.cloudflare.com. 2410107076 10000 2400 604800 1800
```

DNSSEC_VALIDATION

```
; unsigned answer
boustead.com.my.□1781□IN□SOA□cody.ns.cloudflare.com. dns.cloudflare.com. 2410107076 10000 2400 604800 1800
```

TLS Handshake Evidence

IPV4 Connection

IP Used	104.26.2.27
IP Version	4

```
depth=3 C = US, O = Internet Security Research Group, CN = ISRG Root X2
verify return:1
depth=2 C = US, O = ISRG, CN = Root YE
verify return:1
depth=1 C = US, O = Let's Encrypt, CN = YE1
verify return:1
depth=0 CN = boustead.com.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:CN = boustead.com.my
   i:C = US, O = Let's Encrypt, CN = YE1
   a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: Jul  5 03:12:32 2026 GMT; NotAfter: Oct  3 03:12:31 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDoDCCAyegAwIBAgISBYsAvTKzw+XIDk/3CKGaZPxnMAoGCCqGSM49BAMDMDMx
CzAJBgNVBAYTAlVTMRYwFAYDVQQKEw1MZXQncyBFbmNyeXB0MQwwCgYDVQQDEwNZ
RTEwHhcNMjYwNzA1MDMxMjMyWhcNMjYxMDAzMDMxMjMxWjAaMRgwFgYDVQQDEw9i
b3VzdGVhZC5jb20ubXkwWTATBgcqhkjOPQIBBggqhkjOPQMBBwNCAASY5URDhM6O
i52T53XSp9WdIr5Q3p+Dcj+tf5LzDyqAmkjddHdR0JMauSdy9VLEhJaU8+e4avQO
YKkopOdMTTICo4ICMjCCAi4wDgYDVR0PAQH/BAQDAgeAMBMGA1UdJQQMMAoGCCsG
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/e4FMB8GA1UdIwQYMBaAFLsgykcL/tflnPmPCSqjjDdFsbzYMDMGCCsGAQUFBwEB
BCcwJTAjBggrBgEFBQcwAoYXaHR0cDovL3llMS5pLmxlbmNyLm9yZy8wLQYDVR0R
BCYwJIIRKi5ib3VzdGVhZC5jb20ubXmCD2JvdXN0ZWFkLmNvbS5teTATBgNVHSAE
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Y3Iub3JnLzEwNC5jcmwwggENBgorBgEEAdZ5AgQCBIH+BIH7APkAdgDYCVU7lE96
/8gWGW+UT4WrsPj8XodVJg8V0S5yu0VLFAAAAZ8wePtbAAAEAwBHMEUCIE+oHlbf
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OgAAAZ8weP1DAAgAAAUAE5Q/IwQDAEgwRgIhAPrTZ453RslBfrkLvl4Uw54e9DtJ
Zf2FYQqP2hy44yt+AiEAtFdczcN6IoozEO7R9OT6VdJEHFd7sExciUx/W84J35Qw
CgYIKoZIzj0EAwMDZwAwZAIwR1rAsoWI2czIeUPSmfcCokRizKavDUVs9z5zfmHc
WJnVGZGNNn8WfiA1EVPqwN6PAjBuPzFAw2XrwdhwZp1OK+1UwuTqpSX36wtu+sJU
lJkZfgscyIE1ISc4YzDtJoOLEK8=
-----END CERTIFICATE-----
 1 s:C = US, O = Let's Encrypt, CN = YE1
   i:C = US, O = ISRG, CN = Root YE
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: Sep  3 00:00:00 2025 GMT; NotAfter: Sep  2 23:59:59 2028 GMT
-----BEGIN CERTIFICATE-----
MIICizCCAhGgAwIBAgIQXd1w3TH4AchcGGp6BLgK/jAKBggqhkjOPQQDAzAuMQsw
CQYDVQQGEwJVUzENMAsGA1UEChMESVNSRzEQMA4GA1UEAxMHUm9vdCBZRTAeFw0y
NTA5MDMwMDAwMDBaFw0yODA5MDIyMzU5NTlaMDMxCzAJBgNVBAYTAlVTMRYwFAYD
VQQKEw1MZXQncyBFbmNyeXB0MQwwCgYDVQQDEwNZRTEwdjAQBgcqhkjOPQIBBgUr
gQQAIgNiAAQHZVB1/mimla2hfSurylScjPMZaOJXLz/NnAc2sylm8WDyhU9Ccp+z
ASQi5vSwGGJjSGklkD9fdPR8GpyDIOIjCEfrnbt/v+ZSEPLLEGbaM6EccDbN7p9x
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BwEBBCYwJDAiBggrBgEFBQcwAoYWaHR0cDovL3llLmkubGVuY3Iub3JnLzATBgNV
HSAEDDAKMAgGBmeBDAECATAnBgNVHR8EIDAeMBygGqAYhhZodHRwOi8veWUuYy5s
ZW5jci5vcmcvMAoGCCqGSM49BAMDA2gAMGUCMQDgjUEahFT/h3DRakqiPZpLvPgf
Zwkt6K2EOMmh1nvEzl83eMLYcod4GCl3b0J1Nn0CMBNYmEQJb4CEG5WoOe7aRn/L
VKu6saHmHEynI7ysIPd8zQsK1HdmhlHKlw9Z5GpGvA==
-----END CERTIFICATE-----
 2 s:C = US, O = ISRG, CN = Root YE
   i:C = US, O = Internet Security Research Group, CN = ISRG Root X2
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: May 13 00:00:00 2026 GMT; NotAfter: Sep  2 23:59:59 2032 GMT
-----BEGIN CERTIFICATE-----
MIICpjCCAiugAwIBAgIRAIchZfw0tuX7qK3Vs3BftTowCgYIKoZIzj0EAwMwTzEL
MAkGA1UEBhMCVVMxKTAnBgNVBAoTIEludGVybmV0IFNlY3VyaXR5IFJlc2VhcmNo
IEdyb3VwMRUwEwYDVQQDEwxJU1JHIFJvb3QgWDIwHhcNMjYwNTEzMDAwMDAwWhcN
MzIwOTAyMjM1OTU5WjAuMQswCQYDVQQGEwJVUzENMAsGA1UEChMESVNSRzEQMA4G
A1UEAxMHUm9vdCBZRTB2MBAGByqGSM49AgEGBSuBBAAiA2IABDwS/6vhrcVqcbBo
+wgdI3fwn9x7DNJJOY/lTOti0vkwuRN87RhEhTH17E7XyFjWsPYhIPt/wzOqxTd2
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HQ8BAf8EBAMCAQYwEwYDVR0lBAwwCgYIKwYBBQUHAwEwDwYDVR0TAQH/BAUwAwEB
/zAdBgNVHQ4EFgQUo8gmWo6hTNAlY/ybI8g6rlbzT1YwHwYDVR0jBBgwFoAUfEKW
rt5LSDv6kviejM9ti6lyN5UwMgYIKwYBBQUHAQEEJjAkMCIGCCsGAQUFBzAChhZo
```

```
dHRwOi8veDIuaS5sZW5jci5vcmcvMBMGA1UdIAQMMAowCAYGZ4EMAQIBMCcGA1Ud
HwQgMB4wHKAaoBiGFmh0dHA6Ly94Mi5jLmxlbmNyLm9yZy8wCgYIKoZIzj0EAwMD
aQAwZgIxAMU19WCtmxVND8UHBZRoma49Z7jPs64Dma0eTu1OChVbB/2J7GV3nvYK
Ax54uk1G9QIxAO0miLVJu8PLNiXXXkiE/gsK3CTRTF/aeo4bMX42Zw40csRU6AC2
6hSW1/IWaas6dg==
-----END CERTIFICATE-----
 3 s:C = US, O = Internet Security Research Group, CN = ISRG Root X2
   i:C = US, O = Internet Security Research Group, CN = ISRG Root X1
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: RSA-SHA256
   v:NotBefore: May 13 00:00:00 2026 GMT; NotAfter: Sep  2 23:59:59 2032 GMT
-----BEGIN CERTIFICATE-----
MIIEcDCCAligAwIBAgIQbI8dxyfHEX97r4U6yYD5zTANBgkqhkiG9w0BAQsFADBP
MQswCQYDVQQGEwJVUzEpMCcGA1UEChMgSW50ZXJuZXQgU2VjdXJpdHkgUmVzZWFy
Y2ggR3JvdXAxFTATBgNVBAMTDElTUkcgUm9vdCBYMTAeFw0yNjA1MTMwMDAwMDBa
Fw0zMjA5MDIyMzU5NTlaME8xCzAJBgNVBAYTAlVTMSkwJwYDVQQKEyBJbnRlcm5l
dCBTZWN1cml0eSBSZXNlYXJjaCBHcm91cDEVMBMGA1UEAxMMSVNSRyBSb290IFgy
MHYwEAYHKoZIzj0CAQYFK4EEACIDYgAEzZvVn4CDCuwJSvMWSj5cz3es3mcFDR0H
ttwW+1qLFNvicWDEukWVEYmO6gbf9yoWHKS5xcUy4APgHoIYOIvXRdgKam7mAHf7
AlF9ItgKbppbd9/w+kHsOdx1ymgHDB/qo4H1MIHyMA4GA1UdDwEB/wQEAwIBBjAd
BgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUHAwIwDwYDVR0TAQH/BAUwAwEB/zAd
BgNVHQ4EFgQUfEKWrt5LSDv6kviejM9ti6lyN5UwHwYDVR0jBBgwFoAUebRZ5nu2
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ggIBAD2/e9frmMxNpCV03qUHegg+MV2wz9644YoXdqtH8RyWYcBO7xfjjGEXdU1e
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shMeWTuURqNN5G00sSXDTBrpp2+mgvdZQjb8K11TYMA25QA+YHNfbIEL0BniAhKS
2gsnJjSzrdZLI+EZ7SEyqdR2rkjd1KutLDU+n3TFyxjniZVGur4YlhMP3mY/dV95
```

IPV6 Connection

IP Used	2606:4700:20::ac43:4a52
IP Version	6

```
depth=3 C = US, O = Internet Security Research Group, CN = ISRG Root X2
verify return:1
depth=2 C = US, O = ISRG, CN = Root YE
verify return:1
depth=1 C = US, O = Let's Encrypt, CN = YE1
verify return:1
depth=0 CN = boustead.com.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:CN = boustead.com.my
   i:C = US, O = Let's Encrypt, CN = YE1
   a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: Jul  5 03:12:32 2026 GMT; NotAfter: Oct  3 03:12:31 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDoDCCAyegAwIBAgISBYsAvTKzw+XIDk/3CKGaZPxnMAoGCCqGSM49BAMDMDMx
CzAJBgNVBAYTAlVTMRYwFAYDVQQKEw1MZXQncyBFbmNyeXB0MQwwCgYDVQQDEwNZ
RTEwHhcNMjYwNzA1MDMxMjMyWhcNMjYxMDAzMDMxMjMxWjAaMRgwFgYDVQQDEw9i
b3VzdGVhZC5jb20ubXkwWTATBgcqhkjOPQIBBggqhkjOPQMBBwNCAASY5URDhM6O
i52T53XSp9WdIr5Q3p+Dcj+tf5LzDyqAmkjddHdR0JMauSdy9VLEhJaU8+e4avQO
YKkopOdMTTICo4ICMjCCAi4wDgYDVR0PAQH/BAQDAgeAMBMGA1UdJQQMMAoGCCsG
AQUFBwMBMAwGA1UdEwEB/wQCMAAwHQYDVR0OBBYEFLy3qH1EplwLDe8NRcXIkoq/
/e4FMB8GA1UdIwQYMBaAFLsgykcL/tflnPmPCSqjjDdFsbzYMDMGCCsGAQUFBwEB
BCcwJTAjBggrBgEFBQcwAoYXaHR0cDovL3llMS5pLmxlbmNyLm9yZy8wLQYDVR0R
BCYwJIIRKi5ib3VzdGVhZC5jb20ubXmCD2JvdXN0ZWFkLmNvbS5teTATBgNVHSAE
DDAKMAgGBmeBDAECATAvBgNVHR8EKDAmMCSgIqAghh5odHRwOi8veWUxLmMubGVu
Y3Iub3JnLzEwNC5jcmwwggENBgorBgEEAdZ5AgQCBIH+BIH7APkAdgDYCVU7lE96
/8gWGW+UT4WrsPj8XodVJg8V0S5yu0VLFAAAAZ8wePtbAAAEAwBHMEUCIE+oHlbf
hFKNs2rsk7lUWlXCEnTItQsyHYUuUDFj2ILJAiEA34BZW+MJcw1JiWPjI04/1x9E
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WJnVGZGNNn8WfiA1EVPqwN6PAjBuPzFAw2XrwdhwZp1OK+1UwuTqpSX36wtu+sJU
1JkZfgscyIE1ISc4YzDtJoOLEK8=
-----END CERTIFICATE-----
 1 s:C = US, O = Let's Encrypt, CN = YE1
   i:C = US, O = ISRG, CN = Root YE
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: Sep  3 00:00:00 2025 GMT; NotAfter: Sep  2 23:59:59 2028 GMT
-----BEGIN CERTIFICATE-----
MIICizCCAhGgAwIBAgIQXd1w3TH4AchcGGp6BLgK/jAKBggqhkjOPQQDAzAuMQsw
CQYDVQQGEwJVUzENMAsGA1UEChMESVNSRzEQMA4GA1UEAxMHUm9vdCBZRTAeFw0y
NTA5MDMwMDAwMDBaFw0yODA5MDIyMzU5NTlaMDMxCzAJBgNVBAYTAlVTMRYwFAYD
```

```
VQQKEw1MZXQncyBFbmNyeXB0MQwwCgYDVQQDEwNZRTEwdjAQBgcqhkjOPQIBBgUr
gQQAIgNiAAQHZVB1/mimla2hfSurylScjPMZaOJXLz/NnAc2sylm8WDyhU9Ccp+z
ASQi5vSwGGJjSGklkD9fdPR8GpyDIOIjCEfrnbt/v+ZSEPLLEGbaM6EccDbN7p9x
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BwMBMBIGA1UdEwEB/wQIMAYBAf8CAQAwHQYDVR0OBBYEFLsgykcL/tflnPmPCSqj
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BwEBBCYwJDAiBggrBgEFBQcwAoYWaHR0cDovL3llLmkubGVuY3Iub3JnLzATBgNV
HSAEDDAKMAgGBmeBDAECATAnBgNVHR8EIDAeMBygGqAYhhZodHRwOi8veWUuYy5s
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Zwkt6K2EOMmh1nvEzl83eMLYcod4GCl3b0J1Nn0CMBNYmEQJb4CEG5WoOe7aRn/L
VKu6saHmHEynI7ysIPd8zQsK1HdmhlHKlw9Z5GpGvA==
-----END CERTIFICATE-----
 2 s:C = US, O = ISRG, CN = Root YE
   i:C = US, O = Internet Security Research Group, CN = ISRG Root X2
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: May 13 00:00:00 2026 GMT; NotAfter: Sep  2 23:59:59 2032 GMT
-----BEGIN CERTIFICATE-----
MIICpjCCAiugAwIBAgIRAIchZfw0tuX7qK3Vs3BftTowCgYIKoZIzj0EAwMwTzEL
MAkGA1UEBhMCVVMxKTAnBgNVBAoTIEludGVybmV0IFNlY3VyaXR5IFJlc2VhcmNo
IEdyb3VwMRUwEwYDVQQDEwxJU1JHIFJvb3QgWDIwHhcNMjYwNTEzMDAwMDAwWhcN
MzIwOTAyMjM1OTU5WjAuMQswCQYDVQQGEwJVUzENMAsGA1UEChMESVNSRzEQMA4G
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+wgdI3fwn9x7DNJJOY/lTOti0vkwuRN87RhEhTH17E7XyFjWsPYhIPt/wzOqxTd2
b+4ZJNy9ID04YywF9U5zasDVyGSNErVNtz8uSGh5izW87j77GaOB6zCB6DAOBgNV
HQ8BAf8EBAMCAQYwEwYDVR0lBAwwCgYIKwYBBQUHAwEwDwYDVR0TAQH/BAUwAwEB
/zAdBgNVHQ4EFgQUo8gmWo6hTNA1Y/ybI8g6rlbzT1YwHwYDVR0jBBgwFoAUfEKW
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dHRwOi8veDIuaS5sZW5jci5vcmcvMBMGA1UdIAQMMAowCAYGZ4EMAQIBMCcGA1Ud
HwQgMB4wHKAaoBiGFmh0dHA6Ly94Mi5jLmxlbmNyLm9yZy8wCgYIKoZIzj0EAwMD
aQAwZgIxAMU19WCtmxVND8UHBZRoma49Z7jPs64Dma0eTu1OChVbB/2J7GV3nvYK
Ax54uk1G9QIxAO0miLVJu8PLNiXXXkiE/gsK3CTRTF/aeo4bMX42Zw40csRU6AC2
6hSW1/IWaas6dg==
-----END CERTIFICATE-----
 3 s:C = US, O = Internet Security Research Group, CN = ISRG Root X2
   i:C = US, O = Internet Security Research Group, CN = ISRG Root X1
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: RSA-SHA256
   v:NotBefore: May 13 00:00:00 2026 GMT; NotAfter: Sep  2 23:59:59 2032 GMT
-----BEGIN CERTIFICATE-----
MIIEcDCCAligAwIBAgIQbI8dxyfHEX97r4U6yYD5zTANBgkqhkiG9w0BAQsFADBP
MQswCQYDVQQGEwJVUzEpMCcGA1UEChMgSW50ZXJuZXQgU2VjdXJpdHkgUmVzZWFy
Y2ggR3JvdXAxFTATBgNVBAMTDElTUkcgUm9vdCBYMTAeFw0yNjA1MTMwMDAwMDBa
Fw0zMjA5MDIyMzU5NTlaME8xCzAJBgNVBAYTAlVTMSkwJwYDVQQKEyBJbnRlcm5l
dCBTZWN1cml0eSBSZXNlYXJjaCBHcm91cDEVMBMGA1UEAxMMSVNSRyBSb290IFgy
MHYwEAYHKoZIzj0CAQYFK4EEACIDYgAEzZvVn4CDCuwJSvMWSj5cz3es3mcFDR0H
ttwW+1qLFNvicWDEukWVEYmO6gbf9yoWHKS5xcUy4APgHoIYOIvXRdgKam7mAHf7
AlF9ItgKbppbd9/w+kHsOdx1ymgHDB/qo4H1MIHyMA4GA1UdDwEB/wQEAwIBBjAd
BgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUHAwIwDwYDVR0TAQH/BAUwAwEB/zAd
BgNVHQ4EFgQUfEKWrt5LSDv6kviejM9ti6lyN5UwHwYDVR0jBBgwFoAUebRZ5nu2
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Oi8veDEuaS5sZW5jci5vcmcvMBMGA1UdIAQMMAowCAYGZ4EMAQIBMCcGA1UdHwQg
MB4wHKAaoBiGFmh0dHA6Ly94MS5jLmxlbmNyLm9yZy8wDQYJKoZIhvcNAQELBQAD
ggIBAD2/e9frmMxNpCV03qUHegg+MV2wz9644YoXdqtH8RyWYcBO7xfjjGEXdU1e
/o0OkEFiynUCOSIk/vLLo7ttz6CPAeNlWfC0XNkoGeWgK6jjXvozBaGuGH5n0Ufo
shMeWTuURqNN5G00sSXDTBrpp2+mgvdZQjb8K11TYMA25QA+YHNfbIEL0BniAhKS
2gsnJjSzrdZLI+EZ7SEyqdR2rkjd1KutLDU+n3TFyxjniZVGur4YlhMP3mY/dV95
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	403
Connected IP	104.26.2.27
Connect Time	6.93 ms
TTFB	34.5 ms
Total Time	34.59 ms

Response Headers:


```
[
    "HTTP/1.1 403 Forbidden",
    "Date: Sat, 08 Aug 2026 10:31:16 GMT",
    "Content-Type: text/html; charset=UTF-8",
    "Content-Length: 5256",
    "Connection: close",
    "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",
    "Cf-Mitigated: challenge",
    "Content-Security-Policy: default-src 'none'; script-src 'nonce-vG8hWnOE50QByRUIczts8G' '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'",
    "Server: cloudflare",
    "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",
    "Cross-Origin-Embedder-Policy: require-corp",
    "Cross-Origin-Opener-Policy: same-origin",
    "Cross-Origin-Resource-Policy: same-origin",
    "Origin-Agent-Cluster: ?1",
    "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=*",
    "Referrer-Policy: same-origin",
    "Server-Timing: chlray;desc=\"a27dd9b7b8978357\"",
    "X-Content-Type-Options: nosniff",
    "X-Frame-Options: SAMEORIGIN",
    "Report-To: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=rPZ%2BxkaQ96haMzpS0ely9QVFYfgG7dHNmpUNdUtqhJlMcAEdE4YJaAca92O6KJhPZnA3FO71gIjIAdC2tuCmD
    "Nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "CF-RAY: a27dd9b7b8978357-SIN"
]
```


IPv6 HTTP (port 80)

HTTP Status	403
Connected IP	2606:4700:20::ac43:4a52
Connect Time	7.14 ms
TTFB	32.54 ms
Total Time	32.59 ms

Response Headers:


```
[
    "HTTP/1.1 403 Forbidden",
    "Date: Sat, 08 Aug 2026 10:31:16 GMT",
    "Content-Type: text/html; charset=UTF-8",
    "Content-Length: 5277",
    "Connection: close",
    "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",
    "Cf-Mitigated: challenge",
    "Content-Security-Policy: default-src 'none'; script-src 'nonce-ERt9mShUDrGPBE0O02Wpdq' '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'",
    "Server: cloudflare",
    "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",
    "Cross-Origin-Embedder-Policy: require-corp",
    "Cross-Origin-Opener-Policy: same-origin",
    "Cross-Origin-Resource-Policy: same-origin",
    "Origin-Agent-Cluster: ?1",
```

```
    "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=*",
    "Referrer-Policy: same-origin",
    "Server-Timing: chlray;desc=\"a27dd9b75f9e9f7a\"",
    "X-Content-Type-Options: nosniff",
    "X-Frame-Options: SAMEORIGIN",
    "Report-To: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=37HRjUeEiQfzLeXhWtTatwhC%2FDdDJCu1CFCxYOg84TxCp%2Bsc6aCyojod1MnxKt9OYKCqJwE%2Fn2trvRMnW
    "Nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "CF-RAY: a27dd9b75f9e9f7a-SIN"
]
```


IPv4 HTTPS (port 443)

HTTP Status	403
Connected IP	104.26.2.27
Connect Time	7.56 ms
TTFB	32.28 ms
Total Time	32.33 ms

Response Headers:


```
[
    "HTTP/2 403",
    "date: Sat, 08 Aug 2026 10:31:16 GMT",
    "content-type: text/html; charset=UTF-8",
    "content-length: 5299",
    "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",
    "cf-mitigated: challenge",
    "content-security-policy: default-src 'none'; script-src 'nonce-fFanG9fMYYyzfFnsQsKBSS' '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'",
    "server: cloudflare",
    "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",
    "cross-origin-embedder-policy: require-corp",
    "cross-origin-opener-policy: same-origin",
    "cross-origin-resource-policy: same-origin",
    "origin-agent-cluster: ?1",
    "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=*",
    "referrer-policy: same-origin",
    "server-timing: chlray;desc=\"a27dd9b80afffcfa\"",
    "x-content-type-options: nosniff",
    "x-frame-options: SAMEORIGIN",
    "report-to: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=VFkLzoeLHQ4Racr4OpbnrLp4c5JYiARdH9B5tVlpgqfznaQPXx8yylVF4GwcbxMpXyONxkLN1qxsEFhqga8k7%2
    "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "cf-ray: a27dd9b80afffcfa-SIN"
]
```


IPv6 HTTPS (port 443)

HTTP Status	403
Connected IP	2606:4700:20::ac43:4a52
Connect Time	6.91 ms
TTFB	32.41 ms
Total Time	32.45 ms

Response Headers:


```
[
    "HTTP/2 403",
    "date: Sat, 08 Aug 2026 10:31:16 GMT",
    "content-type: text/html; charset=UTF-8",
    "content-length: 5320",
    "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",
    "cf-mitigated: challenge",
    "content-security-policy: default-src 'none'; script-src 'nonce-P9OckYs341R1JgwYgxBjeh' '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'",
    "server: cloudflare",
    "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",
    "cross-origin-embedder-policy: require-corp",
    "cross-origin-opener-policy: same-origin",
    "cross-origin-resource-policy: same-origin",
    "origin-agent-cluster: ?1",
    "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=*",
    "referrer-policy: same-origin",
    "server-timing: chlray;desc=\"a27dd9b79b939d24\"",
    "x-content-type-options: nosniff",
    "x-frame-options: SAMEORIGIN",
    "report-to: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=1rectyalo9AsQHqwSqBOe%2BSRtS9vpARRq6FI5DiDUYDRvbg55XAcZG0tIZKOdlgi8LzH5N7vL6qzYwi48KmL
    "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "cf-ray: a27dd9b79b939d24-SIN"
]
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	403 0.007198 0.038633
TCP Connect IPv6 → port 80	403 0.007436 0.027760
TCP Connect IPv4 → port 443	403 0.007087 0.035877
TCP Connect IPv6 → port 443	403 0.007513 0.038750

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
fd7a:115c:a1e0::1136:5807 dev tailscale0 proto kernel metric 256 pref medium
fe80::/64 dev eth0 proto kernel metric 256 pref medium
fe80::/64 dev tailscale0 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
```