


IPv6 Readiness Report

theedgemalaysia.com — theedgemalaysia.com

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Report generated from National IPv6 Readiness Monitor — <https://ipv6.my6.my>
Audit trail: <https://ipv6.my6.my/audit/7d43e558-5af2-4c1d-98f9-48f9585c6e2f>

 Partially Compliant MGv6C-1.0	82% Partial Support	IPv6-ONLY READINESS Website: ✓ Ready DNS: ✓ Ready Email: ✗ Not Ready
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IPv6 ADDRESSES 2606:4700:10::6814:2c4a 2606:4700:10::ac42:9d21	IPv4 ADDRESSES 104.20.44.74 172.66.157.33
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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	2606:4700:10::6814:2c4a, 2606:4700:10::ac42:9d21
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 — 37ms 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 Apr 24 08:22:02 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.
6	DS Record at Parent	FAIL	No DS record at parent.
7	RRSIG Valid	FAIL	No valid RRSIG found.

#	CHECK	RESULT	DETAIL
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	No common DKIM selector found.
7	DMARC Record	PASS	DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	104.20.44.74, 172.66.157.33
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 51ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 36ms TTFB.

Audit Trail & Evidence Record

Verification ID	7d43e558-5af2-4c1d-98f9-48f9585c6e2f
Domain	theedgemalaysia.com
Check Mode	Manual
Status	Completed
Started	07 Mar 2026, 01:17:27 MYT
Finished	07 Mar 2026, 01:18:31 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/7d43e558-5af2-4c1d-98f9-48f9585c6e2f

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	d8b2272774acdf9cc982de1dd61434defdce8a89da8e1c9acd73c07b38142fe2
http_headers	aaf92a27f6992e100eddf0de67095355b1925f3c46ba503d88c64159aad11917
dns_responses	c35dc03fe88fb530d0157716025e318861e5fc6dc48df1454a6f8034d771575b
tls_handshake	4319e44d0c67b9d46a404919f3142285281930fea187f579ff8b8c2774073ca5
connectivity_log	ab8a7db91ea2d24b6010596af38945464d08d2ddcf6a85c576f50961c7b40d99
dns_resolution_times	68b994fcfbf603aaa2365c9755fb76fa2c7ab5ada7436dd2a506c900c1d9154

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	28.75	32.49	25.65	32.57	-3.1
Google	IPv4	36.16	37.57	39	40.6	+2.8
Google	IPv6	31.34	34.99	40.72	44.58	+9.4
Cloudflare	IPv4	21.6	27.01	28.2	28.22	+6.6
Cloudflare	IPv6	34.93	35.48	26.04	30.56	-8.9

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 63306
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
theedgemalaysia.com. 300 IN A 172.66.157.33
theedgemalaysia.com. 300 IN A 104.20.44.74
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 22615
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
com. 839 IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1772788616 1800 900 604800 900
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 54617
;; flags: qr rd ra; QUERY: 1, ANSWER: 7, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
theedgemalaysia.com. 300 IN MX 30 aspmx3.googlemail.com.
theedgemalaysia.com. 300 IN MX 30 aspmx5.googlemail.com.
theedgemalaysia.com. 300 IN MX 10 aspmx.l.google.com.
theedgemalaysia.com. 300 IN MX 20 alt2.aspmx.l.google.com.
theedgemalaysia.com. 300 IN MX 30 aspmx2.googlemail.com.
theedgemalaysia.com. 300 IN MX 30 aspmx4.googlemail.com.
theedgemalaysia.com. 300 IN MX 20 alt1.aspmx.l.google.com.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 38691
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
theedgemalaysia.com. 21600 IN NS carl.ns.cloudflare.com.
theedgemalaysia.com. 21600 IN NS amy.ns.cloudflare.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 728
;; flags: qr rd ra; QUERY: 1, ANSWER: 9, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
theedgemalaysia.com. 120 IN TXT "tiktok-developers-site-verification=aN6Gr4BCRFKcNjYfd6CDX6fTfqXf5QJW"
theedgemalaysia.com. 120 IN TXT "dailymotion-domain-verification=dmgdk7t368obk7erz"
theedgemalaysia.com. 120 IN TXT "v=spf1 include:enginemailer.net ~all"
theedgemalaysia.com. 120 IN TXT "globalsign-domain-verification=23E6CD9EDB052B8F6D74FA78999942AA"
theedgemalaysia.com. 120 IN TXT "globalsign-domain-verification=6A558947901E19ABF609B116450D183E"
theedgemalaysia.com. 120 IN TXT "google-site-verification=mfE4N51D6JXnh94BRPhHzYRgLnV00g3P_KNuJDhYb-k"
theedgemalaysia.com. 120 IN TXT "tiktok-developers-site-verification=li6cZ05W7xj4uBN4MIoTypBz9VIXZeiH"
theedgemalaysia.com. 120 IN TXT "tiktok-developers-site-verification=0kM4G5bjZZNWIXVnNsN9E7VRgGyenaGe"
theedgemalaysia.com. 120 IN TXT "facebook-domain-verification=7mneoqpmh14ju99e1t0e4q6632ms43"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 19079
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1
```

```
;; OPT PSEUDOSECTION:  
; EDNS: version: 0, flags:; udp: 512  
;; ANSWER SECTION:  
theedgemalaysia.com. 300 IN AAAA 2606:4700:10::6814:2c4a  
theedgemalaysia.com. 300 IN AAAA 2606:4700:10::ac42:9d21
```

RRSIG

```
amy.ns.cloudflare.com. dns.cloudflare.com. 2398254883 10000 2400 604800 1800
```

DNSKEY

```
;; Got answer:  
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 1525  
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1  
  
;; OPT PSEUDOSECTION:  
; EDNS: version: 0, flags:; udp: 512  
;; AUTHORITY SECTION:  
theedgemalaysia.com. 1800 IN SOA amy.ns.cloudflare.com. dns.cloudflare.com. 2398254883 10000 2400 604800 1800
```

DNSSEC_VALIDATION

```
; unsigned answer  
theedgemalaysia.com. 1800 IN SOA amy.ns.cloudflare.com. dns.cloudflare.com. 2398254883 10000 2400 604800 1800
```


TLS Handshake Evidence

IPV4 Connection

IP Used	104.20.44.74
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 = theedgemalaysia.com
verify return:1
CONNECTED(00000010)
...
Certificate chain
0 s:C = theedgemalaysia.com
i:C = US, O = Google Trust Services, CN = WE1
a:PKKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
v:NotBefore: Jan 24 07:22:16 2026 GMT; NotAfter: Apr 24 08:22:02 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDvDCA2KgAwIBAgIQTnUfxEtVxX8007w3dRPdXDAKBggqhkJOPQDAjA7MQsw
CQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZpY2VzMQwwCgYD
VQDEEWNRTEwHhcnMjYwMTI0MDcyMjE2ZWhcNMjYwNDI0MDgyMjYwYjAeMRwwGgYD
VQOExN0aGVlZGdlbWFSYXlzaWUyZ29tMFkwEwYHKoZIzj0CAQYIKoZIzj0DAQDc
QgAeyiGt75XzL7K05JqMmpogbdojBdPrB/zzM+71ykKqDAZM+f5b7DPuWly33DgKZ
Yv9o/3F19CTqfYdZ+BpfG7tjVq0CAmMwggJfMA4GA1UdDwEB/wQEAwIHgDATBgNV
HSUEDDAKBggrBgEFBQcDATABGNVHRMBAf8EAjAAMB0GA1UdDg0WBQp5Ixz9/qo
3EDp6L1D1/P05tS4MDAfbGNVHSMEDAwgBSQd5I1Z8T/qMyp5nvZgHl7zJP50DBe
Bgg/BgEFBQcBAQRSMFAwJwYIKwYBBQUHMAAGG2h0dHA6Ly9vLnBraS5nb29nL3Mv
d2UxL1RuVTA1BggrBgEFBQcwoAoYZaHR0cDovL2kucGtpLmdvb2cvd2UxLmNydDA1
BgNVHREELjAsghN0aGVlZGdlbWFSYXlzaWUyZ29tghUqLnRoZWVkZ2VtYXkxNp
Y55jb20wEwYDVR0gBAwwCjAIBgZnGwBAGewNgYDVR0fBFC8wLTAroCmgJ4YlaHR0
cDovL2MucGtpLmdvb2cvd2UxL1UyazN0YmphaGFzLmNybDCCAQQGcisGAQQB1nkC
BAIEgfUEgfIA8AB1AA5XLLzrzqk+MxssmQez95Dfm8I9cTIL3SGpJaxhxU4hAAAB
m+8YxjYAAAQDAEYwRAIgf1uJKBDNUIE4AeNew0F9F76e35w5c9N0aPBBz/X2MEAC
IBLXI0CT+wcaz1c1CdEVhzoLidBsvM+QqQXjC+mBduBAHcAZBHEbKQ57KeJHKIC
LgC8q08oB9QeNser6v7VA8l9zfAAAAGb7xjGUGaAABAMASDBGAIEAp0abjiSjIDdN
6+eX7Hr/EctKrmUenyWsp3ANO83g2kECIQcDXCrhMfcggtwz0tB7y5llnqIq0L/
b1HnPBfHd2MNzTAKBggqhkJOPQDAgNIADBFaIEAuv339BmDoUDYrjmKpckzBod9
v5nVpL0MDvNk490dAoUIC6e1gy8mzXJ0FzstLW+t0szeTtefMRmwFAMFJP2yHuS
-----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
CQYDVQQGEwJVUzEiMCAGA1UEChMZR29vZ2x1IFRydXN0IFNlcnZpY2VzIEExMQsw
MBIGA1UEAxMLRTRIFjv3Q0UjQwHhcnMjYwMTI0MDcyMjE2ZWhcNMjYwNDI0MDgyMjYw
MDAwWjA7MQswCQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZp
Y2VzMQwwCgYDVQQDEWNRTEwHhcnMjYwMTI0MDcyMjE2ZWhcNMjYwNDI0MDgyMjYw
Z1dhTCEdHUCR127WecPQMFcF4XGGTfn1XzthkubgdnXGh0LCgP4mMTG6J7/EFmP
LCaY9eYmJbsPAvpwo4H+MIH7MA4GA1UdDwEB/wQEAwIBhAdBgNVHSUEFjAUBgggr
BgEFBQcDAQYIKwYBBQUHAWIwEgYDVR0TAQH/BAgwBgEB/wIBADAdBgNVHQ4EFgQU
kHeSNWfE/6jMqeZ72YB5e8yT+TgwhYDVR0jBBgwFoAUgEw63T/STaj1dj8tT7F
avCUHYwMAYIKwYBBQUHAQEEDAmMCOGCCsGAQUFBzAChhhodHRwOi8vaS5wa2ku
Z29vZy9yNC5jcnQwKwYDVR0fBFC0wIjAgoB6gHIYaaHR0cDovL2MucGtpLmdvb2cv
ci9yNC5jcmwwEwYDVR0gBAwwCjAIBgZnGwBAGewNgYIKoZIzj0EAwMDaAAwZQIX
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
M0swCQYDVQQGEwJCRTEZMBCGA1UEChMQR29vZ2x1IFRydXN0IFNlcnZpY2VzIEUyZ2Vz
CjYwMTI0MDcyMjE2ZWhcNMjYwNDI0MDgyMjYwYjAeMRwwGgYD
VQOExN0aGVlZGdlbWFSYXlzaWUyZ29tMFkwEwYHKoZIzj0CAQYIKoZIzj0DAQDc
QgAeyiGt75XzL7K05JqMmpogbdojBdPrB/zzM+71ykKqDAZM+f5b7DPuWly33DgKZ
Yv9o/3F19CTqfYdZ+BpfG7tjVq0CAmMwggJfMA4GA1UdDwEB/wQEAwIBhAdBgNV
HSUEFjAUBgggrBgEFBQcDAQYIKwYBBQUHAWIwEgYDVR0TAQH/BAUwAwEB/zAd
BgNVHQ4EFgQUgEw63T/STaj1dj8tT7FavCUHYwMAYIKwYBBQUHMAAGG2h0dHA6Ly9v
LnBraS5nb29nL3MvZ2UxL1RuVTA1BggrBgEFBQcwoAoYZaHR0cDovL2kucGtpLmdvb2
cvd2UxLmNydDA1BgNVHREELjAsghN0aGVlZGdlbWFSYXlzaWUyZ29tghUqLnRoZWVk
Z2VtYXkxNpY55jb20wEwYDVR0gBAwwCjAIBgZnGwBAGewNgYIKoZIzj0EAwMDaAAw
ZQIXA0cCq1HW90VznX+0RGU1cxAQXomvtgM8zItPZCuF08jSBJSjz5keR0v9aYsAm5V
sQIwJonMaAFi54mrfhfFNZEfuNMSQ6/bIBiNLIyoX46FohQvKeIoJ99cx7sUkFN
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```

```
Oi8va55wa2kuZ29vZy9nc3IxLmNydDAtBgnVHR8EjAkMCKgIKAEhhxodHRwOi8v
Yy5wa2kuZ29vZy9yL2dzcjEuY3JsMBMGA1UdIAQMAowCAYGZ4EMAQIBMA0GCsQg
S1b3D0EBCwUAA4IBAQAQYrsPBtYDh5bjP20BDwmkwlhIDDkic574y04tfzHpn+cJ
odID24SseesQ6bDrarZ7C30ddLibZatoKivs3UL9xnELz4ct92vID24FfVbiI1hY
+5W6FoVHKwEIP0GCBaM4C6uVdF5dTuSMVs/ZbzNnIdCp5Gmx5eJvEau8otR/Cs
kGN+hr/W5GvT1tMBjgWKZ114//emhA1JG1BbPzoLJQvyEotc03LXjTaCzv8mEbeb
8RqZ7a2CPsgrBuvTPBwcOMBmBUFeU88+FSBX6+7iP0i18b4Z00FqIwwMHfs/L6k1
vepuoxtGzi4CZ68zJpiq1UvSqTbFJjtbd4seiMHL
-----END CERTIFICATE-----
```

```
Server certificate
subject=CN = theedgemalaysia.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 2849 bytes and written 401 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	2606:4700:10::6814:2c4a
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 = theedgemalaysia.com
verify return:1
CONNECTED(00000010)
---
Certificate chain
0 s:CN = theedgemalaysia.com
  i:C = US, O = Google Trust Services, CN = WE1
  a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
  v:NotBefore: Jan 24 07:22:16 2026 GMT; NotAfter: Apr 24 08:22:02 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDvDCA2KgAwIBAgIQTnUfxEtVxX80Q7w3dRPdXDAKBggqhkJOPQDAjA7M0sw
CQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZpY2VzMQwwCgYD
VQQDEwNXRTEwHhcNMjYwMTI0MDcyMjE2WzcnMjYwNDI0MDgyMjYwYjAeMRwwGgYD
VQQDEwN0aGVlZGdlbWFsYXlzaWZuY29tMfKwEwYHkoZiZj0CAQYIKoZIzj0DAQdC
QgAEyiGt75XzL7K05JqMmpogbdobjBdPrB/zzM+71lykKqDAZM+f5b7DPuWy33DgKZ
Yv9c/3F19CTqfydZ+Bpfg7tjVqOCAMmWggJfMA4GA1UdDwEB/wQEAwIHgDATBGNH
YsUEDDAKBggrBgEFBQcDATAMBgNVHRMBAf8EAjAAMB0GA1UdDgQWBQp5Ixz9/qq
3EDp6L1D1/P05tS4MDAfbGnVHSMEGDAWgBSQd5I1Z8T/qMyp5nvZgHl7zJP50DBe
Bgg/BgEFBQcBAQRSMFAwJwYIKwYBBQUHMAAGG2h0dHA6LY9vLnBra55nb29nL3Mv
d2UxL1RuVtAlBgg/BgEFBQcBAoYZaHR0cDovL2kucGtpLmdvb2cvd2UxLmNydDA1
BgnVHREELjAsghN0aGVlZGdlbWFsYXlzaWZuY29tghUqLnRoZWVhZ2VtYXheXNp
YS5jb20wEwYDVR0gBAwwCjAIBGZnGwBAGwNgYDR0fBC8wLTAroCmgJ4YlaHR0
cDovL2MucGtpLmdvb2cvd2UxL1UyazN0YmphcGFzLmNybdCAQQGcisGAQOB1nkC
BAIEgfUEgfIA8AB1AA5L1Lzrzqk+MxsmQez95dfm8I9cTIL3SGpJaxhxU4hAAAB
m+8YxjYAAAQDAEYwRAIgf1uJKBDNUie4AeNew0F9F76e35wc59NQaPBBz/X2MEAC
IBLxL1OICt+wcaz1c1CdEVhzoLidBsvM+QqQXjc+mBduBAHcAZBHEBKQ57KeJHKIC
LgC8q080B9QeNser6v7VA8l9zfAAAAGb7xjGUgAABAMASDBGAIEA0abjisiJIDdN
6+eX7Hr/EctKrmUenyWsp3ANo83g2kECIQcDCrHMFcgTtWzo0tB7y5LlnqI0L/
b1HnPBfhd2MNzTAKBggqhkJOPQDAgNIADBFAIEAuv339BmDoUDYrjmKpckzBod9
v5NvP10MDvNk490dAoUIC6e1gy8mzXJ0FzstLW+t0szeTtefMRmwFAFJP2yHuS
-----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-----
MIICnzCCAiWgAwIBAgIQf/MZd5csIkp2FV0TttaF4zAKBggqhkJOPQDAzBHM0sw
CQYDVQQGEwJVUzEiMCAgA1UEChMZR29vZ2x1IFRydXN0IFNlcnZpY2VzIEExMQwzEU
MBIGA1UEAxMLR1RTIFJvb3QgUjQwHhcNMjYwMTI0MDcyMjE2WzcnMjYwNDI0MDgyMjYw
MDAwWjA7M0swCQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZp
Y2VzMQwwCgYDVQQDEwNXRTEwWTATBgqhkJOPQIBBggqhkJOPQMBBwNCAARvZTR+
```

```

Z1dHTCEDhUDCR127WecPQMFcF4XGGTfn1XzthkubgdnXGh0LCgP4mMTG6J7/EFmP
LCaY9eYmJbsPAvpWo4H+MIH7MA4GA1UdDwEB/wQEAWIBhAdBgNVHSUEFjAUBggg
BgEFBQcDAQYIKwYBBQUHAwIwEgYDVR0TAQH/BAGwBgEB/wIBADAdBgNVHQ4EFgQU
kHeSNWfE/6jMqeZ72YB5e8yT+TgwHwYDVR0jBBgwFoAUgEzW63T/STaj1dj8tT7F
avCUHYwWNAyIKwYBBQUHAQEEDAmMCGCCsGAQUFBzAChhhodHRwOi8vaS5wa2ku
Z29vZy9yNC5jcnQwKwYDVR0fBCQwIjAgoB6gHIYaHR0cDovL2MucGtpLmdvb2cv
ci9yNC5jcmwEwYDVR0gBAwwCjAIBgZngQwBAGwEwCgYIKoZIzj0EAwMDaAAwZQIX
A0cCq1HW900VznX+0RGU1cxAQXomvtgMBzITPZCuF08jSBJJz5keR0v9aYsAm5V
sQIWJonMaAFi54mrfhf0FNZEfuNMSQ6/bIBiNLiyoX46FohQvKeIoJ99cx7sUkFN
7uJW
-----END CERTIFICATE-----
2 s:C = US, 0 = Google Trust Services LLC, CN = GTS Root R4
i:C = BE, 0 = 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+UwvzMTQ77dghYQST2KGzANBgkqhkiG9w0BAQsFADBX
M0swCQYDVQGEwJCRTEZMBCGA1UEChMQR2xvYmFsU2lnbiBudilzYTEQMA4GA1UE
CxMHUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnbiBSb290IENBMB4XDTEzMTEx
NTAzMDMyMVoXDTI4MDEyODAwMDA0M1owRzELMAkGA1UEBhMCMVVMxIjAgBgNVBAoT
GUdvb2dsZS5SUcnVzdCBTZXJ2aWNLcyBMTExFMDASBgNVBAMTC0UUYyBSb290IFI0
MHYwEAYHkoZIzj0CAQYFK4EEACIDYgAE83Rzp2iLYK5DuDXFgTB7S0md+8Fhzube
Rr1r1WEYNa5A3XP3iZEwLus87oV8okB206nGuEfYKueSkWpz6bFy0Z8pn6KY019e
WIZLD6GEZQbR3IvJx3PIjGov5cSr0R2Ko4H/MIH8MA4GA1UdDwEB/wQEAWIBhAd
BgNVHSUEFjAUBgggBgEFBQcDAQYIKwYBBQUHAwIwEgYDVR0TAQH/BAUwAwEB/zAd
BgNVHQ4EFgQUgEzW63T/STaj1dj8tT7FavCUHYwWNAyIKwYDVR0jBBgwFoAUyHtmGkUN
l8qJUC99BM00qP/8/UsWNgYIKwYBBQUHAQEEDjAomCYGCCsGAQUFBzAChhhodHRw
Oi8vaS5wa2kuZ29vZy9yNC5jcnQwKwYDVR0fBCQwIjAgoB6gHIYaHR0cDovL2MucG
t9yNC5jcmwEwYDVR0gBAwwCjAIBgZngQwBAGwEwCgYIKoZIzj0EAwMDaAAwZQIX
A0cCq1HW900VznX+0RGU1cxAQXomvtgMBzITPZCuF08jSBJJz5keR0v9aYsAm5V
sQIWJonMaAFi54mrfhf0FNZEfuNMSQ6/bIBiNLiyoX46FohQvKeIoJ99cx7sUkFN
7uJW
-----END CERTIFICATE-----
---
Server certificate
subject=CN = theedgemalaysia.com
issuer=C = US, 0 = 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 2849 bytes and written 401 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

```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	104.20.44.74
Connect Time	15.3 ms
TTFB	55.75 ms
Total Time	55.78 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 06 Mar 2026 09:18:30 GMT",
  "2": "Connection: keep-alive",
  "3": "Location: https://theedgemalaysia.com/",
  "4": "Server: cloudflare",
  "5": "CF-RAY: 9d8046031a845fb6-SIN",
  "6": "alt-svc: h3=\":443\"; ma=86400",
  "8": "HTTP/2 200",
  "9": "date: Fri, 06 Mar 2026 09:18:30 GMT",
  "10": "content-type: text/html; charset=utf-8",
  "11": "server: cloudflare",
  "12": "x-powered-by: Next.js",
  "13": "cache-control: private, max-age=30, must-revalidate",
  "14": "vary: Accept-Encoding",
  "15": "age: 6",
  "16": "last-modified: Fri, 06 Mar 2026 09:18:24 GMT",
  "17": "cf-cache-status: HIT",
  "18": "cf-ray: 9d8046035ce6a2f1-SIN",
  "19": "alt-svc: h3=\":443\"; ma=86400"
}
```

IPv6 HTTP (port 80)

HTTP Status	200
Connected IP	2606:4700:10::6814:2c4a
Connect Time	15.19 ms
TTFB	53.28 ms
Total Time	53.32 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 06 Mar 2026 09:18:30 GMT",
  "2": "Connection: keep-alive",
  "3": "Location: https://theedgemalaysia.com/",
  "4": "Server: cloudflare",
  "5": "CF-RAY: 9d804601e9043437-SIN",
  "6": "alt-svc: h3=\":443\"; ma=86400",
  "8": "HTTP/2 200",
  "9": "date: Fri, 06 Mar 2026 09:18:30 GMT",
  "10": "content-type: text/html; charset=utf-8",
  "11": "server: cloudflare",
  "12": "x-powered-by: Next.js",
  "13": "cache-control: private, max-age=30, must-revalidate",
  "14": "vary: Accept-Encoding",
  "15": "age: 6",
  "16": "last-modified: Fri, 06 Mar 2026 09:18:24 GMT",
  "17": "cf-cache-status: HIT",
  "18": "cf-ray: 9d8046021bb2a146-SIN",
  "19": "alt-svc: h3=\":443\"; ma=86400"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	104.20.44.74
Connect Time	8.09 ms

TTFB	36.25 ms
Total Time	36.27 ms

Response Headers:

```
[
  "HTTP/2 200",
  "date: Fri, 06 Mar 2026 09:18:31 GMT",
  "content-type: text/html; charset=utf-8",
  "server: cloudflare",
  "x-powered-by: Next.js",
  "cache-control: private, max-age=30, must-revalidate",
  "vary: Accept-Encoding",
  "age: 6",
  "last-modified: Fri, 06 Mar 2026 09:18:24 GMT",
  "cf-cache-status: HIT",
  "cf-ray: 9d804603c8205fa2-SIN",
  "alt-svc: h3=\":443\"; ma=86400"
]
```

IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2606:4700:10::6814:2c4a
Connect Time	7.85 ms
TTFB	33.54 ms
Total Time	33.56 ms

Response Headers:

```
[
  "HTTP/2 200",
  "date: Fri, 06 Mar 2026 09:18:30 GMT",
  "content-type: text/html; charset=utf-8",
  "server: cloudflare",
  "x-powered-by: Next.js",
  "cache-control: private, max-age=30, must-revalidate",
  "vary: Accept-Encoding",
  "age: 6",
  "last-modified: Fri, 06 Mar 2026 09:18:24 GMT",
  "cf-cache-status: HIT",
  "cf-ray: 9d8046028aa0c8d1-SIN",
  "alt-svc: h3=\":443\"; ma=86400"
]
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.008423 0.022109
TCP Connect IPv6 → port 80	301 0.007816 0.019377
TCP Connect IPv4 → port 443	200 0.007898 0.045378
TCP Connect IPv6 → port 443	200 0.008991 0.042433

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
```