

# IPv6 Readiness Report

freemalaysiatoday.com — freemalaysiatoday.com




Scan to verify

Category: News Portal • Generated: 13 Jun 2026, 19:09 MYT • Last Checked: 13 Jun 2026, 01:07 MYT • Verification ID: f1ca7061-ae44-47b6-9669-ebccd2bedd0f

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

Audit trail: <https://ipv6.my6.my/audit/f1ca7061-ae44-47b6-9669-ebccd2bedd0f>

 <b>Partially Compliant</b> <small>MGv6C-1.0</small>	<b>82%</b> <b>Partial Support</b>	<b>IPv6-ONLY READINESS</b> Website: <span style="color: green;">✓ Ready</span> DNS: <span style="color: green;">✓ Ready</span> Email: <span style="color: red;">✗ Not Ready</span>
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IPv6 ADDRESSES
2606:4700::6811:cd57
2606:4700::6811:ce57

IPv4 ADDRESSES
104.17.206.87
104.17.205.87

## 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::6811:cd57, 2606:4700::6811:ce57	
2	Globally Routable IPv6	PASS	All addresses are globally routable.	
3	HTTP over IPv6	PASS	HTTP (port 80) responds over IPv6 — 70ms TTFB.	
4	HTTPS over IPv6	PASS	HTTPS (port 443) responds over IPv6 — 272ms 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 Aug 9 02:56:18 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.	

#	CHECK	RESULT	DETAIL
7	<b>RRSIG Valid</b>	<b>FAIL</b>	No valid RRSIG found.
8	<b>Signing Algorithm</b>	<b>INFO</b>	No DNSKEY record found.

**Email Services** (25%) 4 / 6

#	CHECK	RESULT	DETAIL
1	<b>MX Record Exists</b>	<b>PASS</b>	MX record found.
2	<b>MX Server Has IPv6</b>	<b>PASS</b>	MX server has AAAA record.
3	<b>SMTP Reachable via IPv6</b>	<b>FAIL</b>	SMTP is not reachable over IPv6.
4	<b>STARTTLS over IPv6</b>	<b>FAIL</b>	STARTTLS not available over IPv6.
5	<b>SPF Record</b>	<b>PASS</b>	SPF record found.
6	<b>DKIM Selector</b>	<b>INFO</b>	DKIM selector found: google._domainkey
7	<b>DMARC Record</b>	<b>PASS</b>	DMARC record found.

**IPv4 Baseline** (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	<b>A Record</b>	<b>PASS</b>	104.17.206.87, 104.17.205.87
2	<b>HTTP over IPv4</b>	<b>PASS</b>	HTTP (port 80) responds over IPv4 — 553ms TTFB.
3	<b>HTTPS over IPv4</b>	<b>PASS</b>	HTTPS (port 443) responds over IPv4 — 370ms TTFB.

### Audit Trail & Evidence Record

Verification ID	f1ca7061-ae4-47b6-9669-ebccd2bedd0f
Domain	freemalaysiatoday.com
Check Mode	Scheduled
Status	Completed
Started	13 Jun 2026, 01:06:02 MYT
Finished	13 Jun 2026, 01:07:31 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/f1ca7061-ae4-47b6-9669-ebccd2bedd0f

### Integrity Verification

<b>✓ INTEGRITY VERIFIED</b>	
Algorithm	hmac-sha256-v1
Root Hash	ce143cd23cce52da3991db2e1f094101b53892cb4d699294ffd351d4087fbbbc
http_headers	6f25d311013b1a1ea4770d374d772b4ab74de80f1ec8d86d35ea28eaa7a9596f
dns_responses	9e3f276782d9bfdc941fdad96ae6fe66bb22d6238a8577fcdd0399174fe8ac22
tls_handshake	cd8e5504d321605dca2cf4dfd49aee49c6e320312307021e837cb19fe26e8885
connectivity_log	e921e63a45816b30d172e47e580489d149c0d2463565cd82aa762e631239db0d
dns_resolution_times	8d473f315f7a2e8863863ede8fcebbc4a8557c39d995cd4e9bc32c46393ee114

### 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	8.3.31
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	7.07	8.99	12	19.83	+4.9
Google	IPv4	36.59	40.97	41.19	42.02	+4.6
Google	IPv6	33.51	35.96	31.24	35.41	-2.3
Cloudflare	IPv4	34.12	36.92	14.54	32.5	-19.6
Cloudflare	IPv6	25.67	33.28	22.06	23.22	-3.6



## DNS Evidence

### A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 14724
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
freemalaysiatoday.com. 300 IN A 104.17.205.87
freemalaysiatoday.com. 300 IN A 104.17.206.87
```

### DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 50140
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com. 878 IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1781284003 1800 900 604800 900
```

### MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 40964
;; flags: qr rd ra; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

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

### NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 49495
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
freemalaysiatoday.com. 86400 IN NS andy.ns.cloudflare.com.
freemalaysiatoday.com. 86400 IN NS kara.ns.cloudflare.com.
```

### TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 56311
;; flags: qr rd ra; QUERY: 1, ANSWER: 10, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
freemalaysiatoday.com. 60 IN TXT "google-site-verification=jN8DELaLBpvmzBfmLpXpCfrFvL3e06GVKkDkMQLicc"
freemalaysiatoday.com. 60 IN TXT "v=spf1 include:_spf.google.com include:spf.inb.netcoreglobal.com -all"
freemalaysiatoday.com. 60 IN TXT "apple-domain-verification=pY3Q4FBfhBiB26xN"
freemalaysiatoday.com. 60 IN TXT "canva-site-verification=maCZ4gcoprwBFo9VrRqbhQ"
freemalaysiatoday.com. 60 IN TXT "facebook-domain-verification=b3pj6n0q2wa49qzecd6n78mx7wfe2e"
freemalaysiatoday.com. 60 IN TXT "google-site-verification=4SqZZbnL5z7vQnH0e74LS2RPA4gdzTSQ2_XFYA7vLEw"
freemalaysiatoday.com. 60 IN TXT "google-site-verification=G-mIHqK7s1TgCuesxW7yQBKsNjNaNxJCPrg9_w6a_sM; google-site-verification=_j8cVpwVq9A8wHeyDK_W4_RPQqpidh0CD16dtfVcdHo"
freemalaysiatoday.com. 60 IN TXT "google-site-verification=YYZPK24LRAn90xU_mlnKcDy8R3jKDbPuqPH36UvaxIU"
freemalaysiatoday.com. 60 IN TXT "google-site-verification=_j8cVpwVq9A8wHeyDK_W4_RPQqpidh0CD16dtfVcdHo"
freemalaysiatoday.com. 60 IN TXT "google-site-verification=dn60ivzklYS68Xl7DcN1A7ZVHF3V8e0ExnfXRUpQ93w"
```

### AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 28980
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1
```

```
;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
freemalaysiatoday.com. 300 IN AAAA 2606:4700::6811:cd57
freemalaysiatoday.com. 300 IN AAAA 2606:4700::6811:ce57
```

**RRSIG**

```
andy.ns.cloudflare.com. dns.cloudflare.com. 2406156560 10000 2400 604800 1800
```

**DNSKEY**

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 45213
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
freemalaysiatoday.com. 1715 IN SOA andy.ns.cloudflare.com. dns.cloudflare.com. 2406156560 10000 2400 604800 1800
```

**DNSSEC\_VALIDATION**

```
; unsigned answer
freemalaysiatoday.com. 1715 IN SOA andy.ns.cloudflare.com. dns.cloudflare.com. 2406156560 10000 2400 604800 1800
```



TLS Handshake Evidence

IPV4 Connection

IP Used	104.17.206.87
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 = freemalaysiatoday.com
verify return:1
CONNECTED(00000010)
...
Certificate chain
0 s:CN = freemalaysiatoday.com
i:C = US, O = Google Trust Services, CN = WE1
a:PKKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
v:NotBefore: May 11 01:56:20 2026 GMT; NotAfter: Aug 9 02:56:18 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDWjCCA2egAwIBAgIUQ6IbZuYa6I40BVxVN8jn+DAKBggqhkjOPQDAjA7MQsw
CQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZpY2VzMQwwCgYD
VQ0DEwNXRTEwHhcNMjYwNTEwMDE1NjIwHhcNMjYwODASMDI1NjE4WjAgMR4wHAYD
VQ0DEwVmcmVlbWFsYXlzaWZ0b2RheS5jb20wWTATBgcqhkjOPQIBBggqhkjOPQMB
BwNCAAQ3Q0Ad2V1iIXz45L3YBeZeSoDgZiZnSBGUXbjWz8F3NwOp+N6mxfqmrAfF
80C8JoxbPXWarIaafT9hLztusCL4o4ICZjCCAmIwDgYDVR0PAQH/BAQDAgeAMBGM
A1UdJQMMAoGCCsGAQUFBwMBMAwGA1UdEwEB/wQMAAwHQYDVR00BBYEFGRqe4uq
pkU5vFn108Uhd64I87LMB8GA1UdIwQYMBaAFJ3k3jVnxP+ozKnm9mAeXvMk/k4
MF4GCCsGAQUFBwEBBFiWUDAnBggrBgEFBQcwAYYbaHR0cDovL28ucGtpLmdvb2cv
cy93ZTEvVTZJMCUGCCsGAQUFBzAChhLodHRwOi8vaS5wa2kuZ29vZy93ZTEuY3J0
MDkGA1UdEQYMDCCFwZyZWVtYWxheXNpYXRvZGF5LmNvbYlXKi5mcmVlbWFsYXlza
aWZ0b2RheS5jb20wEwYDVR0gBAwwCjAIBgZngQwBAgEwNgYDVR0fBC8wLTAroCmg
J4YLaHR0cDovL2MucGtpLmdvb2cvd2UxL24wZG3VjFHYmJvLmNybDCCAQMGCSiG
AQQB1nkCBAIEgEQEgEA7wB1ANgJVTuUT3r/yBYZb5RPhauw+Pxeh1UmDxXRLnk7
RUsUAAABnhT20z8AAAQDAEYwRAIgfniK6Y9rPmEqAuPvvrjU44e63+0TBE43I/v/
6gQIpoCIEz64HE19RTerAI4y3twnDoB0g1haaHmjP5xkEDfMrLQAHYayzj3FYL8
hkFEX1vB3fvJbvKaWc1HCmkFhbDLFMMU0cAAAGeFPbTpwAABAMARzBFAiAHZMCR
Z+DqVshBPapowXWlBFxIDrN+dKAPMsClNupnyAIhAN89DRAN01SLD8cUGZDpfaq
8PdpL+Fv0/p3A2tZBgr5MA0GCCgGSM49BAMCA0kAMEYCIQDjxgZU1Jo/ZS+GYegp
eejMqrwKa+uMf1XznHfkY3hLBQIhAJ497WRtGGIw0/n0i+L/ZNZZY1fIhvQ5nt
JRTuS9+t
-----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-----
MIICnzCAiWgAwIBAgIQf/MZd5csIkp2FV0TttaF4zAKBggqhkjOPQDAzBHM0sw
CQYDVQQGEwJVUzEiMCAwGA1UEChMZR29vZ2x1IFRydXN0IFNlcnZpY2VzIExMQzEw
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WjAgMDAwWjA7MQswCQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZp
Y2VzMQwwCgYDVQQDEwNXRTEwWTATBgcqhkjOPQIBBggqhkjOPQMBBwNCAARvzTr+
ZldhTCEdhUDCR127wEcPQMFcF4XGTFn1XztkubgdgnXGh0LCgP4mMTG6J7/EFmP
LcAY9eYmJbsPavpWo4H+MIH7MA4GA1UdDwEB/wQEAwIBhjAdBgNVHSUEFjAUBgggr
BgEFBQcDAQYIKwYBBQUHAwIwEgYDVR0TAQH/BAgwBgEB/wIBADAdBgNVHQ4EFgQU
kHeSNwfe/6jMqeZ72YB5e8yT+TgwHwYDVR0jBBgwFoAUGeZw63T/STaj1dj8tT7F
avCUHYwNAYIKwYBBQUHAQEEDAmcCQGCCsGAQUFBzAChhLodHRwOi8vaS5wa2kuZ29v
Zy93ZTEvY3J0MDkGA1UdEQYMDCCFwZyZWVtYWxheXNpYXRvZGF5LmNvbYlXKi5mcmV
lbWFsYXlzaWZ0b2RheS5jb20wEwYDVR0gBAwwCjAIBgZngQwBAgEwCgYIKoZIzj0EAw
MDA0CQ1HW90VznX+0RGUJ1cxAQXomvtgM8zITPZCUF08jSBJSjz5keR0v9aYsAm5V
sQIwJonMaAFi54mrhfFoFNZEfuNMQS6/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+UwvzMTQ77dghYQST2KGzANBggqhkjOPQDAzBDBX
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CxMHUm9vdCBDQTEbMBkGA1UEAxMSR29vZ2x1IFRydXN0IFNlcnZpY2VzYTEQMA4GA1UE
NTAzNDMyYVYwODI1MDEyODAwMDA0MlowRzELMAkGA1UEBmCVVmxIjAgBgnVNBa0T
Gudvd2sZSBUcnVzdCBTZXJ2aWVlcyBMTExFZDASBgNVBAMTC0UyYsB290IFI0
MHYwEAYHKoZIzj0CAQYFK4EEACIDYgAE83Rzp2iLYK5DuDXFgTB750md+8Fhzube
Rr1r1WEYNa5A3XP3iZEwWus87oV8okB206nGuEfyKueSkWp26FyOZ8pn6KY019e
WIZLD6GEZQbR3iVjX3PIjGov5cS+r0R2K04H/MIH8MA4GA1UdDwEB/wQEAwIBhjAd
BgNVHSUEFjAUBgggrBgEFBQcDAQYIKwYBBQUHAwIwDgYDVR0TAQH/BAUwAwEB/zAd
BgNVHQ4EFgQUgEzW63T/STaj1dj8tT7FavCUHYwHwYDVR0jBBgwFoAUyHtmGkUN
```

```
l8qJUC99B00qP/8/UswNgYIKwYBBQUHAQEKEJjAoMCGCCsGAQUFBzAChhpodHRw
018vaS5wa2kuZ29vZy9nc3IxlMlydDAtBGNVHR8EJjAkMCKgIKAEhhxodHRw0i8v
Yy5wa2kuZ29vZy9yL2dzcjEuY3JSMGMGA1UdIAQMAowCAyG4EMAQIBMA0GCsG
S1b3DQEBcUAA4IBAQAQYrsPBTYDh5bjP20BDwmkoWhIDDKic574y04tfzHpn+cJ
odID24Ssees06bDrarZ7C30ddLibZatoKiws3UL9xnELz4ct92vID24FfVbiI1hY
+S5wFoVHkNeWIP0GCbaM4C6uVdF5dTuSMvs/ZbzNnIdCp5Gxmx5EjvEau8otR/Cs
kGN+hr/W5GvT1tMBjgWKZ1i4//emhA1JG1BbPz0LjQvyEotc03lXjTaCz8mEbeb
8RqZ7a2CPsgRbuVTPBwC0MBBmuFeU88+FSBX6+71P0i18b4Z00FqIwwMHfs/L6K1
vepuoxTgzI4CZ68zJpiq1UvSqTbFjtbD4seiMHL
```

-----END CERTIFICATE-----

Server certificate

subject=CN = freemalaysiatoday.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 2855 bytes and written 403 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

IPv6 Connection

IP Used 2606:4700::6811:cd57

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 = freemalaysiatoday.com
verify return:1
CONNECTED(00000010)
```

Certificate chain

0 s:CN = freemalaysiatoday.com  
i:C = US, O = Google Trust Services, CN = WE1  
a:PKKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256  
v:NotBefore: May 11 01:56:20 2026 GMT; NotAfter: Aug 9 02:56:18 2026 GMT

-----BEGIN CERTIFICATE-----

```
MIIDWjCCA2egAwIBAgIQU6IbZuYa6I40BVxVN8jn+DAKBggqhkJOPQDAjA7M0sw
CQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZpY2VzMQwwCgYD
VQ0EwNHRTEwHhcnMjYwNTEwMDE1NjIwMjYwNTEwMDE1NjIwMjYwNTEwMDE1NjIw
VQ0EExVmcmlbWfSxYlZaWF0b2RheS5jb20wWTAtBgcqhkJOPQIBBggqhkJOPQMB
BwNCAQAQ3Q0Ad2VlIIXz45L3YBeZeSoDgZiZnSBGUXbjWz8F3Nw0p+N6mxfqmrFaf
8Qc8JoxbPXWarlaaft9hLztusCl4o4ICZJCCAmIwDgYDVR0PAQH/BAQDAgeAMBGM
A1UdJQMMMAoGCCsGAQUFBwMBMAwGA1UdEwEB/wQCMAAwHQYDVRO0BBYEFGRqe4uq
pkU5vhFnI08Uhd64I87LMB8GA1UdIwQYMBaAFJ3B3kVnXP+ozKnm9mAeXvMk/k4
MF4GCCsGAQUFBwEBBF1wUDAnBgggrBgEFBQcwAYYbaHR0cDovL28ucGtpLmdvb2cv
cy93ZTEvVTJMCUGCsGAQUFBzAChhLodHRw0i8vaS5wa2kuZ29vZy93ZTEuY3J0
MdkGA1UdEQQyMDCCFwZyZWtYwXheXNpYXRvZGF5LmNvbVYlXkI5mcmVlbWfSxYlZ
aWF0b2RheS5jb20wEwYDVR0gBAwwCjAIBgZnQ0wBAgEwNgYDVR0fBC8wLTAroCmg
J4YlaHR0cDovL2MucGtpLmdvb2cvd2UxL24wZGh3VjFHYmJvLmNybDCCAQMGCisG
A0QB1nkCBAIEgf0EgfEA7wB1ANgJVTuUT3r/yBYZb5RPhauw+PxeH1UmDXRLnk7
RUsUAAABnT20z8AAAQDAEYwRAIgfniK6Y9rpEmqAuPvvrjU44e63+0TBE43I/v/
6gQMIpoCIEz64HE19R1erAI4y3twndoB6g1haaHMjp5xkEDfMrLQAHYayzj3FYl8
hkFEXlVb3fvJbvKawc1HCmkFhbDLFMMUW0cAAAGeFPbTpwAABAMARzBFAiAHZMrc
Z+DqVshBPapowXwiBFxIDrN+dkAPMsClnupnyAIhAN89DRAN01SLD8cUGVZDpfa
8PdpL+Fv0/p3A2tZBgr5MAoGCCqGSM49BAMCA0kAMEYCIQDJxgZU1Jo/ZS+GyEgpp
eejMqrwKa+uMf1XznHfky3hLBQIhAJ497WRtTGGIw0/n0i+1/ZNZZYl1fIhvQ5nt
JrtuS9+t
```

-----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-----

```
MIICnZCAiWgAwIBAgIQf/MZd5csIkP2FV0TttaF4zAKBggqhkJOPQDAzBHM0sw
CQYDVQQGEwJVUzEiMCAGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZpY2VzIExuMQwE
MBIGAlUEAxMLR1R1IFJvb3Q0UjQwHhcnMjYwNTEwMDE1NjIwMjYwNTEwMDE1NjIw
MDAwWjA7M0swCQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZp
```

```

Y2VzMQwwCgYDVQDEWXRTEWWTATBgqhkJOPQIBBggqhkjOPQMBBwNCAARvzTr+
Z1dHTCEDhUDCR127WecPQMFcF4XGGTfn1XzthkubgdnXGh0Lcgp4mMTG6J7/EFmP
LcA9eYmJbsPAvpWo4H+MIH7MA4GA1UdDwEB/wQEAwIBhjAdBgNVHSUEFjAUBggg
BgEFBQcDAQYIKwYBBQUHAWIwEgYDVR0TAQH/BAgwBgEB/wIBADAdBgNVHQ4EFgQU
kHeSNwfe/6jMqeZ72YB5e8yT+TgwHwYDVR0jBBgwFoAUEgzW63T/STaj1dj8tT7F
avCUHYwNAYIKwYBBQUHAQEEDAmMCQGCCsGAQUFBzACHhhodHRwOi8vaS5wa2ku
Z29vZy9yZy9nc5jcnQwKwYDVR0fBCQwIjAgoB6gHTYaaHR0cDovL2MucGtpLmdvb2cv
ci9yNC5jcmwwEwYDVR0gBAwwCjAIBgZngQwBAgEwCgYIKoZiZj0EAwMDaAAwZQIX
A0cCq1HW90VznX+0RGUJLcxAQXomvtgMBzITPZCUF08jSBJSjz5keR0v9aYsAm5V
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+UwvzMTQ77dghyQST2KGzANBgqhkiG9w0BAQsFADBX
MQswCQYDVQQGEwJCRTEZMBcGA1UEChMQR2xvYmFsU2lnbiBudilzYTEQMA4GA1UE
CxMHUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnbiBSb290IENBMB4XDTEzMTEx
NTAzNDMyMVoXDTI4MDEyODAwMDA0MlowRzELMAkGA1UEBhMCMVmxIjAgBgNVBAoT
Gldvb2dsZSBUc29vZy9nc5jcnQwKwYDVR0fBCQwIjAgoB6gHTYaaHR0cDovL2MucGtp
Lmdvb2cvci9yNC5jcmwwEwYDVR0gBAwwCjAIBgZngQwBAgEwCgYIKoZiZj0EAwMDa
AAwZQIXA0cCq1HW90VznX+0RGUJLcxAQXomvtgMBzITPZCUF08jSBJSjz5keR0v9aYs
Am5VsQIwJonMaAFi54mrfhf0FNZEfuNMSQ6/bIBiNliyoX46FohQvKeIoJ99cx7sUkFN
7uJW
-----END CERTIFICATE-----
---
Server certificate
subject=CN = freemalaysiatoday.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 2854 bytes and written 403 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

```



## HTTP Response Evidence

### IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	104.17.206.87
Connect Time	226.15 ms
TTFB	583.68 ms
Total Time	583.85 ms

#### Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 12 Jun 2026 17:07:30 GMT",
  "2": "Content-Type: text/html; charset=UTF-8",
  "3": "Connection: keep-alive",
  "4": "Location: https://www.freemalaysiatoday.com/",
  "5": "Referrer-Policy: no-referrer-when-downgrade",
  "6": "X-Content-Type-Options: nosniff",
  "7": "X-Frame-Options: SAMEORIGIN",
  "8": "X-XSS-Protection: 1; mode=block",
  "9": "Server: cloudflare",
  "10": "CF-RAY: a0aa73c0bf932b4a-MAA",
  "11": "alt-svc: h3=\":443\"; ma=86400",
  "13": "HTTP/2 200",
  "14": "date: Fri, 12 Jun 2026 17:07:30 GMT",
  "15": "content-type: text/html; charset=utf-8",
  "16": "x-dns-prefetch-control: on",
  "17": "strict-transport-security: max-age=31536000; includeSubDomains; preload",
  "18": "x-frame-options: SAMEORIGIN",
  "19": "x-content-type-options: nosniff",
  "20": "cache-control: public, max-age=15, stale-while-revalidate=30",
  "21": "age: 10",
  "22": "vary: Accept-Encoding, Cookie, User-Agent",
  "23": "x-debug-auth: anonymous",
  "24": "x-debug-cache-maxage: 15",
  "25": "x-debug-cache-policy: tiered-public",
  "26": "x-debug-cache-sie: 0",
  "27": "x-debug-cache-swr: 30",
  "28": "x-debug-cache-tag-count: 2",
  "29": "x-debug-cache-tags: path:/,page:home",
  "30": "x-debug-content-type: homepage",
  "31": "x-debug-path: /",
  "32": "x-debug-version-timestamp: 1781283810000",
  "33": "x-fmt-version: 1781283810000",
  "34": "x-middleware-version: 1.1.0",
  "35": "x-nextjs-cache: HIT",
  "36": "x-nextjs-prerender: 1",
  "37": "referrer-policy: no-referrer-when-downgrade",
  "38": "x-xss-protection: 1; mode=block",
  "39": "server: cloudflare",
  "40": "via: 1.1 google",
  "41": "content-security-policy: upgrade-insecure-requests",
  "42": "alt-svc: h3=\":443\"; ma=86400",
  "43": "cf-cache-status: HIT",
  "44": "set-cookie: __cf_bm=eu8fyt9UAYMu4ldjGDOMEa3tooJDV73Ree3epRsdV0-1781284050.3750072-1.0.1.1-be5sGisztFMIzm3db6ZnrfbZgsZkvxe9nQlf.pZrEobP1Cm39.MZATrE2DBAq_fWmVvhEng9rL599vc4350VBvpyNAtPtDnLowfn0P2bWahJqFRi4985l1L35qvr3tpd; HttpOnly; Secure; Path=/; Domain=freemalaysiatoday.com; Expires=Fri, 12 Jun 2026 17:37:30 GMT",
  "45": "set-cookie: _cfuvid=fxe.46g3HE073uahatozUROJcq2ddPg.ZJ9i3hbBbyk-1781284050.3750072-1.0.1.1-ewDceR5nEqHtDPmbMcNih9kkw023sIzAIHgf1Ucv4.Y; HttpOnly; SameSite=None; Secure; Path=/; Domain=freemalaysiatoday.com",
  "46": "cf-ray: a0aa73c2ded27f06-MAA"
}
```

### IPv6 HTTP (port 80)

HTTP Status	200
Connected IP	2606:4700::6811:ce57
Connect Time	16.93 ms
TTFB	79.63 ms
Total Time	79.79 ms

#### Response Headers:

```
{
```



```

"8": "server: cloudflare",
"9": "cf-ray: a0aa73c4edcc178e-MAA",
"10": "alt-svc: h3=\":443\"; ma=86400",
"12": "HTTP/2 200",
"13": "date: Fri, 12 Jun 2026 17:07:30 GMT",
"14": "content-type: text/html; charset=utf-8",
"15": "x-dns-prefetch-control: on",
"16": "strict-transport-security: max-age=31536000; includeSubDomains; preload",
"17": "x-frame-options: SAMEORIGIN",
"18": "x-content-type-options: nosniff",
"19": "cache-control: public, max-age=15, stale-while-revalidate=30",
"20": "age: 11",
"21": "vary: Accept-Encoding, Cookie, User-Agent",
"22": "x-debug-auth: anonymous",
"23": "x-debug-cache-maxage: 15",
"24": "x-debug-cache-policy: tiered-public",
"25": "x-debug-cache-sie: 0",
"26": "x-debug-cache-swr: 30",
"27": "x-debug-cache-tag-count: 2",
"28": "x-debug-cache-tags: path:/,page:home",
"29": "x-debug-content-type: homepage",
"30": "x-debug-path: /",
"31": "x-debug-version-timestamp: 1781283810000",
"32": "x-fmt-version: 1781283810000",
"33": "x-middleware-version: 1.1.0",
"34": "x-nextjs-cache: HIT",
"35": "x-nextjs-prerender: 1",
"36": "referrer-policy: no-referrer-when-downgrade",
"37": "x-xss-protection: 1; mode=block",
"38": "server: cloudflare",
"39": "via: 1.1 google",
"40": "content-security-policy: upgrade-insecure-requests",
"41": "alt-svc: h3=\":443\"; ma=86400",
"42": "cf-cache-status: HIT",
"43": "set-cookie: __cf_bm=2C_d3oF10Duy3u09Gj18KeLW2ByPe72opYf.rV.7l9g-1781284050.9456213-1.0.1.1-2WUnpxTfgvyN6yeQyG0aidW0gAjA5y7inItkojgrPoFvN3zSAezGUhAzRoE2aTenSC.0uArMxxqbnr6E5joutkDT4ms3Z35nn.JIFwiJY9eW6fflLUhrxcu9BAYwQc; HttpOnly; Secure; Path=/; Domain=freemalaysiatoday.com; Expires=Fri, 12 Jun 2026 17:37:30 GMT",
"44": "set-cookie: _cfuvid=m_BS0w5mAcNppsI0.g0ehm3YwS1Sw_7zj45GbmMoaM3E-1781284050.9456213-1.0.1.1-G0md..zoWVy2dAEkpl01EkuAgbVAirYRHDrq2VKV6Q; HttpOnly; SameSite=None; Secure; Path=/; Domain=freemalaysiatoday.com",
"45": "cf-ray: a0aa73c66c46b8fe-MAA"
}

```

IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2606:4700::6811:ce57
Connect Time	82.44 ms
TTFB	291.86 ms
Total Time	291.96 ms

Response Headers:

```

{
"0": "HTTP/2 301",
"1": "date: Fri, 12 Jun 2026 17:07:29 GMT",
"2": "content-type: text/html; charset=UTF-8",
"3": "location: https://www.freemalaysiatoday.com/",
"4": "referrer-policy: no-referrer-when-downgrade",
"5": "x-content-type-options: nosniff",
"6": "x-frame-options: SAMEORIGIN",
"7": "x-xss-protection: 1; mode=block",
"8": "server: cloudflare",
"9": "cf-ray: a0aa73bf2e53a920-MAA",
"10": "alt-svc: h3=\":443\"; ma=86400",
"12": "HTTP/2 200",
"13": "date: Fri, 12 Jun 2026 17:07:29 GMT",
"14": "content-type: text/html; charset=utf-8",
"15": "x-dns-prefetch-control: on",
"16": "strict-transport-security: max-age=31536000; includeSubDomains; preload",
"17": "x-frame-options: SAMEORIGIN",
"18": "x-content-type-options: nosniff",
"19": "cache-control: public, max-age=15, stale-while-revalidate=30",
"20": "age: 14",
"21": "vary: Accept-Encoding, Cookie, User-Agent",
"22": "x-debug-auth: anonymous",
"23": "x-debug-cache-maxage: 15",
"24": "x-debug-cache-policy: tiered-public",

```

```

"25": "x-debug-cache-sie: 0",
"26": "x-debug-cache-swr: 30",
"27": "x-debug-cache-tag-count: 2",
"28": "x-debug-cache-tags: path:/,page:home",
"29": "x-debug-content-type: homepage",
"30": "x-debug-path: /",
"31": "x-debug-version-timestamp: 1781283810000",
"32": "x-fmt-version: 1781283810000",
"33": "x-middleware-version: 1.1.0",
"34": "x-nextjs-cache: HIT",
"35": "x-nextjs-prerender: 1",
"36": "referrer-policy: no-referrer-when-downgrade",
"37": "x-xss-protection: 1; mode=block",
"38": "server: cloudflare",
"39": "via: 1.1 google",
"40": "content-security-policy: upgrade-insecure-requests",
"41": "alt-svc: h3=\":443\"; ma=86400",
"42": "cf-cache-status: HIT",
"43": "set-cookie: __cf_bm=8Iu0yKbHj4DIiMf6WTRqG.7xj.WwfWahSsECYYJHrog-1781284049.8948915-1.0.1.1-
Z9J.BeExUvVZ1lWxS9JAuMEptyzZnm3kLiLoNzSGwFjakVpNnrg2YnC5HDc fg1Rp4mgNjLDaLNkd2K_sAYlvY01T4xtJqIpDCrhEeEvTb2eCwWhefr7KN8qhtCLQu0Vy; HttpOnly; Secure; Path=/;
Domain=freemalaysiatoday.com; Expires=Fri, 12 Jun 2026 17:37:29 GMT",
"44": "set-cookie: _cfuvid=GsqzcCdoq.KTZF8Lhw4UDxfTRk1JB23Vq.kAHEjCKNU-1781284049.8948915-1.0.1.1-0gb6EEExagaDrIVLzbE8ZCSjQmrif9b_pCV0rIDWniyo; HttpOnly;
SameSite=None; Secure; Path=/; Domain=freemalaysiatoday.com",
"45": "cf-ray: a0aa73bfd9be603b-SIN"
}
    
```

**Connectivity Test Evidence**

Test	Result
TCP Connect IPv4 → port 80	301 0.115645 0.235336
TCP Connect IPv6 → port 80	301 0.107023 0.218825
TCP Connect IPv4 → port 443	301 0.108278 0.335447
TCP Connect IPv6 → port 443	301 0.001031 0.021040

**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
    
```