


IPv6 Readiness Report

freemalaysiatoday.com — freemalaysiatoday.com

Category: News Portal • Generated: 20 Apr 2026, 21:25 MYT • Last Checked: 07 Mar 2026, 01:17 MYT • Verification ID: 11369f63-3992-40da-bb53-d922c42e07b8

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

Audit trail: <https://ipv6.my6.my/audit/11369f63-3992-40da-bb53-d922c42e07b8>

 Partially Compliant <small>MGv6C-1.0</small>	82% Partial Support	IPv6-ONLY READINESS Website: ✓ Ready DNS: ✓ Ready Email: ✗ Not Ready
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IPv6 ADDRESSES 2606:4700::6811:cd57 2606:4700::6811:ce57	IPv4 ADDRESSES 104.17.205.87 104.17.206.87
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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::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 — 46ms TTFB.
4	HTTPS over IPv6	PASS	HTTPS (port 443) responds over IPv6 — 53ms 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 13 02:25:49 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	DKIM selector found: google._domainkey
7	DMARC Record	PASS	DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	104.17.205.87, 104.17.206.87
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 22ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 23ms TTFB.

Audit Trail & Evidence Record

Verification ID	11369f63-3992-40da-bb53-d922c42e07b8
Domain	freemalaysiatoday.com
Check Mode	Manual
Status	Completed
Started	07 Mar 2026, 01:17:08 MYT
Finished	07 Mar 2026, 01:17:50 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/11369f63-3992-40da-bb53-d922c42e07b8

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	54efa372c0d63bdc2a6a53e7b0a98e0e1006eb600310cec0738014edb8944c62
http_headers	32e23b4a22db0a1dae087454f18a5843952345b43540534f93566f02604f6c22
dns_responses	2fd374923d75d7563590779a3f7b0d3184d9c0d96066d7956a51392d79510016
tls_handshake	5d30c115ce5d167208a6901d05a41e1208946f4c9a1a33ba8d20ae80e5b664fa
connectivity_log	5344547c9604d4a673edfc75cce240ff4862c9eb2b6573f0c9460b21b6c0ac4a
dns_resolution_times	907bef6e99b7a3f33c5e88d2b853fc9600e32034951c29ba8863ac18984b563b

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	8.84	21.1	6.01	6.04	-2.8
Google	IPv4	28.86	30.35	21.04	29.28	-7.8
Google	IPv6	21.13	33.89	29.83	31.99	+8.7
Cloudflare	IPv4	19.04	19.94	15.32	24.3	-3.7
Cloudflare	IPv6	24.93	27.29	11.77	18.05	-13.2

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 35983
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; 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: 37798
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
com. 317 IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1772788066 1800 900 604800 900
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 60612
;; flags: qr rd ra; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
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 1 aspmx.l.google.com.
freemalaysiatoday.com. 300 IN MX 10 alt3.aspmx.l.google.com.
freemalaysiatoday.com. 300 IN MX 5 alt2.aspmx.l.google.com.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 63491
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
freemalaysiatoday.com. 21600 IN NS andy.ns.cloudflare.com.
freemalaysiatoday.com. 21600 IN NS kara.ns.cloudflare.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 57109
;; flags: qr rd ra; QUERY: 1, ANSWER: 10, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
freemalaysiatoday.com. 60 IN TXT "apple-domain-verification=pY3Q4FBfhBiB26xN"
freemalaysiatoday.com. 60 IN TXT "google-site-verification=dn60ivzkLYS68Xl7DcN1A7ZVHF3V8e0ExnfXRUpQ93w"
freemalaysiatoday.com. 60 IN TXT "google-site-verification=_j8cVpwVq9A8wHeyDK_W4_RPQ0pidh0CDl6dtfVcdHo"
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=G-miHqK7s1TGcuesxW7yQBksNjNaNxJCPRg9_w6a_sM; google-site-verification=_j8cVpwVq9A8wHeyDK_W4_RPQ0pidh0CDl6dtfVcdHo"
freemalaysiatoday.com. 60 IN TXT "google-site-verification=jN8DELalBPvmzBfmLpXpCfrFvL3e06GVkKdMQLicc"
freemalaysiatoday.com. 60 IN TXT "google-site-verification=YYZPK24LRan90xU_mlnKcDy8R3jKDbPuqPH36UvaxIU"
freemalaysiatoday.com. 60 IN TXT "google-site-verification=4SqZZbNl5z7vQnH0e74LS2RPA4gdzTSQ2_XFyA7vLEw"
freemalaysiatoday.com. 60 IN TXT "v=spf1 include:_spf.google.com include:spf.inb.netcoreglobal.com -all"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 60871
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1
```

```
;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:;, udp: 512
;; 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. 2397661441 10000 2400 604800 1800
```

DNSKEY

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 64388
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:;, udp: 512
;; AUTHORITY SECTION:
freemalaysiatoday.com. 1800 IN SOA andy.ns.cloudflare.com. dns.cloudflare.com. 2397661441 10000 2400 604800 1800
```

DNSSEC_VALIDATION

```
; unsigned answer
freemalaysiatoday.com. 1800 IN SOA andy.ns.cloudflare.com. dns.cloudflare.com. 2397661441 10000 2400 604800 1800
```


TLS Handshake Evidence

IPV4 Connection

IP Used	104.17.205.87
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: Jan 13 01:25:59 2026 GMT; NotAfter: Apr 13 02:25:49 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDWjCCA2egAwIBAgIQEE7cZNDLbE0qYLkIoUspDAKBggqhkjOPQDAjA7MQsw
CQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZpY2VzMQwwCgYD
VQ0EwNXRTEwHhcNMjYwMTEzMDUyNTU5WWhcNMjYwNDEzMDUyNTU5WjAgMR4wHAYD
VQ0EXVmcVlBwF0b2RheS5jb20wWTATBgcqhkjOPQIBBggqhkjOPQMB
BwNCAATCjH9TbHxbdagwkfr00tied34U7GmQ9qyYvJ2g7oyRbB5UitX7dvtDaj2
e9A+mReM0axGoo07u3tRukLUFE5o4ICZjCCAmIwDgYDVR0PAQH/BAQDAgeAMBGM
A1UdJQMMaOCCsGAQUFBwMBMAwGA1UdEwEB/wQMAAwHQYDVR0OBBYEF0j35ZbR
q5Q6eHzND/vdycQ/TTEiMB8GA1UdIwQYMBaAFJ3k3jVnxP+ozKnm9mAeXvMk/k4
MF4GCCsGAQUFBwEBBFiWUDAnBggrBgEFBQcwAYYbaHR0cDovL28ucGtpLmdvb2cv
cy93ZTEvRUU0MUGCCsGAQUFBzAChhlorHRw0i8vaS5wa2kuZ29vZy93ZTEuY3J0
MDkGA1UdEQYMDCCFwZyZWVtYXheXNpYXRvZGF5LmNvbVlIXKi5mcmVlBwF0b2RheS5jb20wEwYDVR0gBAwwCjAIBgZngQwBAgEwNgYDVR0fBC8wLTArOcmG
J4YLaHR0cDovL2MucGtpLmdvb2cvd2UxLzL0bXBvV1NvRU1jLmNybDCCAQMGCSiG
AQQB1nkCBAIEgfEgEgEA7wB1ABaDLavwqSUPD/A6pUX/yL/II9CHS/YEKSf45x8z
E/X6AAABm7UsoZYAAAQDAEYwRAIgeP0yL/wJ0VZLmKdATVBxSo3Jft0PxmSgNgy
/AU5xwCIHfCq6hN609pWAFtxoy+lC173iMC18TgdXXquYcrfB5AHYADleUvPOu
qT4zGyyZB7P3kn+bwj1xMiXdIaklrGHFTiEAAAgtSyhZQAABAMARzBFAiEA0jS1
e1QI4nmBV5q664EnSxEffM+ITmC1kS8oI/SXsX0CIBgRlRtTz5M0aVmqazQuGbp+
w1roVoGLZR5VjTCLBjsMAoGCCGQSM49BAMCA0kAMEYCIQDWAi70NUJVNqtqZyCn
BXCrf6gMkTshk3sfAbitZuz1lmgIhAK6m8MA7mR8LqhRGs+CLLaTm66zJ6mFVkfWN
8Wbqm/aM
-----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
CQYDVQQGEwJVUzEiMCAGA1UEChMZR29vZ2x1IFRydXN0IFNlcnZpY2VzIExEQXZEU
MBIGA1UEAxMLRTRIFJvb3Q9UjQwHhcNMjYwMTEzMDUyNTU5WWhcNMjYwNDEzMDUy
NTU5WjAgMR4wHAYDQ0EwNXRTEwWTATBgcqhkjOPQIBBggqhkjOPQMBBwNCAARvzTr+
ZldhTCDhUDCR127wEcPQMFcF4XGTFfn1XztkubgdXGh0LCgP4mMTG6J7/EFmP
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Z29vZy9yNC5jcnQwKwYDVR0fBQCQwIjAgoB6gHIYaaHR0cDovL2MucGtpLmdvb2cv
ci9yNC5jcmwwEwYDVR0gBAwwCjAIBgZngQwBAgEwCgYIKoZIzj0EAwMDaAAwZQIX
A0cCq1HW90VznX+0RGUJ1cxAQXomvtgM8zITPZCuf08jSBJSjz5keR0v9aYsAm5V
sQIwJonMaAFi54mrhfFoFNZEfuNMQ6/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
MQswCQYDVQQGEwJCRTEZMBcGA1UEChMQR29vZ2x1IFRydXN0IFNlcnZpY2VzIExEQXZEU
CxMHUm9vdCBDQTEbMBKGA1UEAxMSR29vZ2x1IFRydXN0IFNlcnZpY2VzIExEQXZEU
NTAzMDEyMjYwMTEzMDUyNTU5WWhcNMjYwNDEzMDUyNTU5WjAgMR4wHAYDQ0EwNXRTEw
WTATBgcqhkjOPQIBBggqhkjOPQMBBwNCAARvzTr+ZldhTCDhUDCR127wEcPQMFcF4XGTFfn1XztkubgdXGh0LCgP4mMTG6J7/EFmP
LcAY9eYmJbsPavpWo4H+MIH7MA4GA1UdDwEB/wQEAwIBhjAdBgNVHSUEFjAUBggg
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Z29vZy9yNC5jcnQwKwYDVR0fBQCQwIjAgoB6gHIYaaHR0cDovL2MucGtpLmdvb2cv
ci9yNC5jcmwwEwYDVR0gBAwwCjAIBgZngQwBAgEwCgYIKoZIzj0EAwMDaAAwZQIX
A0cCq1HW90VznX+0RGUJ1cxAQXomvtgM8zITPZCuf08jSBJSjz5keR0v9aYsAm5V
sQIwJonMaAFi54mrhfFoFNZEfuNMQ6/bIBiNliyoX46FohQvKeIoJ99cx7sUKFN
7uJW
-----END CERTIFICATE-----
MIIDeJCCAmKgAwIBAgIQf+UwvzMTQ77dghYQST2KGzANBggqhkjOPQDAzBDBX
MQswCQYDVQQGEwJCRTEZMBcGA1UEChMQR29vZ2x1IFRydXN0IFNlcnZpY2VzIExEQXZEU
CxMHUm9vdCBDQTEbMBKGA1UEAxMSR29vZ2x1IFRydXN0IFNlcnZpY2VzIExEQXZEU
NTAzMDEyMjYwMTEzMDUyNTU5WWhcNMjYwNDEzMDUyNTU5WjAgMR4wHAYDQ0EwNXRTEw
WTATBgcqhkjOPQIBBggqhkjOPQMBBwNCAARvzTr+ZldhTCDhUDCR127wEcPQMFcF4XGTFfn1XztkubgdXGh0LCgP4mMTG6J7/EFmP
LcAY9eYmJbsPavpWo4H+MIH7MA4GA1UdDwEB/wQEAwIBhjAdBgNVHSUEFjAUBggg
BgEgFQcDAQIKwYBBQUHAwIwEgYDVR0TAQH/BAUwAwEB/zAd
BgNVHQ4EFgQUgEzW63T/STaj1dj8tT7FavCUHYwHwYDVR0jBBgwFoAUyHtmGkUN

```

```
l8qJUC99BM00qP/8/UswNgYIKwYBBQUHAQEKEJjAoMCGCCsGAQUFBzAChhpodHRw
018vaS5wa2kuZ29vZy9nc3IxlMlydDAtBgNVHR8EJjAkMCKgIKAEhhxodHRwOi8v
Yy5wa2kuZ29vZy9yL2dzcjEuY3JsMBMGAlUdIAQMAAowCAYGZ4EMAQIBMA0GCsG
S1b3DQEBcUAA4IBAQAQYQrsPBTYDh5bjP20BDwmkoWhIDDKic574y04tfzHpn+cJ
odID2D4Ssees06bDrarZ7C30ddLibZatoKiws3UL9xnELz4ct92vID24FfVbiI1hY
+5WfoVHkNeWIP0GCbaM4C6uVdF5dTUsMVs/ZbzNnIdCp5Gxm5EjvEau8otR/Cs
kGN+hr/W5GvT1tMBjgWKZ1i4//emhA1J1BbPz0LjQvyEotc03lXjTaCzvm8Ebeb
8RqZ7a2CPsgRbuvTPBwcOMBbmuFeU88+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 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

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:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
v:NotBefore: Jan 13 01:25:59 2026 GMT; NotAfter: Apr 13 02:25:49 2026 GMT

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

```
MIIDWjCCA2egAwIBAgIQEE7cZNDLbE0qYkIoUspDAKBggqhkJOPQDAjA7M0sw
CQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZpY2VzMQwwCgYD
VQ0EwNXRTEwHhcnMjYwMTEzMDYyNTU5wHcNMjYwNDEzMDIyNT05wJAgMR4wHAYD
VQ0EExVmcmlbWfSxYlZaWf0b2RheS5jb20wWTAtBgqhkJOPQIBBggqhkJOPQMB
BwNCAATCjH9TbHxbdagwKfr00tied34U7Gm09qyYvJ2g7oyRbB5uitX7dvtTaj2
e9A++mReM0axGoo07u3tRukLUF5o4ICZJCCAmIwDgYDVR0PAQH/BAQDAgeAMBGM
A1UdJQMMMAoGCCsGAQUFBwMBMAwGA1UdEwEB/wCMAAwHQYDVR00BBYEF0j35ZbR
q506eHzND/vdycQ/TTEiMB8GA1UdIwQYMBaAFJ3B3kVnXp+ozKnm9mAeXvMk/k4
MF4GCCsGAQUFBwEBBF1wUDAnBggrBgEFBQcwAYYbaHR0cDovL28ucGtpLmdvb2cv
cy93ZTEvRUU0MUGCCsGAQUFBzAChhLodHRwOi8vaS5wa2kuZ29vZy93ZTEuY3J0
MdkGA1UdEQQyMDCCFwZyZWtYwXheXNpYXRvZGF5LmNvbVYlXkI5mcmVlbWfSxYlZ
aWf0b2RheS5jb20wEwYDVR0gBAwwCjAIBgZng0wBAgEwNgYDVR0fBC8wLTAroCmg
J4YlaHR0cDovL2MucGtpLmdvb2cvd2UxLz10bXBvR1NvRU1jLmNyYDCCAQMGCisG
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/WAU5xwCIHffc06hN609pWAFtxoy+lc173iMC18IgdXXquYcrf5AHYADleUvPou
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w1roVoGLZR5VzjTCLBjsMAoGCCqGSM49BAMCA0kAMEYCIQDWAi70NUJVNqtqzYcn
BXCr6gMkTshk3sfAbitZUZ1lmgIhAK6m8MA7mR8LqhRGs+CLLaTm66zJ6mFVKfWN
8Wbqm/aM
```

-----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-----

```
MIICnzCAiWgAwIBAgIQf/MZd5cIkP2FV0TttaF4zAKBggqhkJOPQDAzBHM0sw
CQYDVQQGEwJVUzEiMCAgA1UEChMVR29vZ2x1IFRydXN0IFNlcnZpY2VzIExuMQZEU
MBIGA1UEAxMLR1R1IFJvb3Q0UjQwHhcnMjYwMTEzMDYyNTU5wHcNMjYwNDEzMDIy
NT05wJAgMR4wHAYDQwYDVR0gBAwwCjAIBgZng0wBAgEwNgYDVR0fBC8wLTAroCmg
J4YlaHR0cDovL2MucGtpLmdvb2cvd2UxLz10bXBvR1NvRU1jLmNyYDCCAQMGCisG
AQ0B1nkCBAlEgf0EgfEA7wB1ABaDLavwqSUPD/A6pUX/yL/II9CHS/YEKSf45x8z
E/X6AAABm7UsoZYAAQDAEYwRAIgePX0yL/wJOVZLmeKdATVBxSo3Jft0PxSMgNY
/WAU5xwCIHffc06hN609pWAFtxoy+lc173iMC18IgdXXquYcrf5AHYADleUvPou
qt4zGyyZB7P3kn+bwjlxMiXIdIaklrGHFTiEAAAGbtSyhZQAABAMARzBFAIEA0jS1
e1qI4nmBV5q664EnSxEFFM+ITmC1kS8oI/SXsX0CIBgRlRtTz5M0aVmqaZuqGbp+
w1roVoGLZR5VzjTCLBjsMAoGCCqGSM49BAMCA0kAMEYCIQDWAi70NUJVNqtqzYcn
BXCr6gMkTshk3sfAbitZUZ1lmgIhAK6m8MA7mR8LqhRGs+CLLaTm66zJ6mFVKfWN
8Wbqm/aM
```

```

Y2VzMQwwCgYDVQDEWXRTEWWTATBgqhkJOPQIBBggqhkjOPQMBBwNCAARvzTr+
Z1dHTCEDhUDCR127WecPQMFcF4XGGTfn1XzthkubgdnXGh0LCgP4mMTG6J7/EFmP
LcA9eYmJbsPAvpWo4H+MIH7MA4GA1UdDwEB/wQEAwIBhjAdBgNVHSUEFjAUBggg
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avCUHYwNAYIKwYBBQUHAQEEDAmMCQGCCsGAQUFBzAChhhodHRwOi8vaS5wa2ku
Z29vZy9yZy9nc5jcnQwKwYDVR0fBCQwIjAgoB6gHTYaaHR0cDovL2MucGtPLmdvb2cv
ci9yNC5jcmwwEwYDVR0gBAwwCjAIBgZngQwBAgEwCgYIKoZiZj0EAwMDaAAWZQIX
A0cCq1HW90VznX+0RGU1cxAQXomvtgMBzITPZCUFQ8jSBJSjz5keR0v9aYsAm5V
sQIwJonMaAFi54mrfhf0FNZEfuNMQ6/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+UwvzMTQ77dghyOST2KGzANBgkqhkiG9w0BAQsFADBX
MQswCQYDVQQGEwJCRTEZMBcGA1UEChMQR2xvYmFsU2lnbiBudilzYTEQMA4GA1UE
CxMHUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnbiBSb290IENBMB4XDTEzMTEx
NTAzaNDMyMVoXDTI4MDEyODAwMDA0MlowRzELMAkGA1UEBhMCMVmxIjAgBgNVBAoT
Gldvb2dsZSBUc29vZy9nc5jcnQwKwYDVR0fBCQwIjAgoB6gHTYaaHR0cDovL2MucGtPLmdvb2cv
ci9yNC5jcmwwEwYDVR0gBAwwCjAIBgZngQwBAgEwCgYIKoZiZj0EAwMDaAAWZQIX
A0cCq1HW90VznX+0RGU1cxAQXomvtgMBzITPZCUFQ8jSBJSjz5keR0v9aYsAm5V
sQIwJonMaAFi54mrfhf0FNZEfuNMQ6/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 2853 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	104.17.205.87
Connect Time	2.69 ms
TTFB	20.47 ms
Total Time	20.51 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 06 Mar 2026 09:17:50 GMT",
  "2": "Connection: keep-alive",
  "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: 9d804506d97c454a-KUL",
  "10": "alt-svc: h3=\":443\"; ma=86400",
  "12": "HTTP/2 200",
  "13": "date: Fri, 06 Mar 2026 09:17:50 GMT",
  "14": "content-type: text/html; charset=utf-8",
  "15": "server: cloudflare",
  "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": "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: 1772788650000",
  "32": "x-fmt-version: 1772788650000",
  "33": "x-middleware-version: 1.1.0",
  "34": "x-nextjs-cache: HIT",
  "35": "x-nextjs-prerender: 1",
  "36": "x-xss-protection: 1; mode=block",
  "37": "via: 1.1 google",
  "38": "content-security-policy: upgrade-insecure-requests",
  "39": "alt-svc: h3=\":443\"; ma=86400",
  "40": "set-cookie: __cf_bm=JYORfjo0ayRRk8d6T0gYSbzL6CGPIbCfc5vIFZU7a8-1772788670.5411446-1.0.1.1-95c79iq0qZx45LvszsqEM.BykekpWAgjR4bZ0Aupogu0ExQNCrL7K0FD3.GjHDEnQNeelp439I2EP1oQz7GxjZFS9tgxhEKYd1QptxnIDHeTdyBtQ4L15d0f.nZoNz07; HttpOnly; Secure; Path=/; Domain=freemalaysiatoday.com; Expires=Fri, 06 Mar 2026 09:47:50 GMT",
  "41": "set-cookie: _cfuvid=vamY_WtxwSF64PepbZjrThA_00.R5GrLp0ZHMj7YX8o-1772788670.5411446-1.0.1.1-840AEPzmY3XH2YDlpGjidzCwb32k1G1wAUvaIaFVisY; HttpOnly; SameSite=None; Secure; Path=/; Domain=www.freemalaysiatoday.com",
  "42": "cf-cache-status: HIT",
  "43": "age: 11",
  "44": "referrer-policy: no-referrer-when-downgrade",
  "45": "cf-ray: 9d804506eedab91f-KUL"
}
```

IPv6 HTTP (port 80)

HTTP Status	200
Connected IP	2606:4700::6811:ce57
Connect Time	14.66 ms
TTFB	60.85 ms
Total Time	60.94 ms

Response Headers:

```
{
```

```

"0": "HTTP/1.1 301 Moved Permanently",
"1": "Date: Fri, 06 Mar 2026 09:17:50 GMT",
"2": "Connection: keep-alive",
"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: 9d8045055d18f886-SIN",
"10": "alt-svc: h3=\":443\"; ma=86400",
"12": "HTTP/2 200",
"13": "date: Fri, 06 Mar 2026 09:17:50 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: 1772788650000",
"32": "x-fmt-version: 1772788650000",
"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=pARk2sfcQI0D.Z0aub0YyoLx9TNzPLDwtY00UGdpYM4-1772788670.323893-1.0.1.1-shx9.8mRxgYfbAwLSCwibXVnHbKwW7RiqEB5XeKiUA6IcT1eYQcRpZ2PChPtutbEvHK2U1UKtrvALFizig2toBwJmgjc7eIpEly2Ame91.CAYlqG6E8TpAgps8s4TCB; HttpOnly; Secure; Path=/; Domain=freemalaysiatoday.com; Expires=Fri, 06 Mar 2026 09:47:50 GMT",
"44": "set-cookie: _cfuvid=sNSwjw4.9zWsvqHoGp2k5cdIW1ADAD8KpyM3x_Vmf.8-1772788670.323893-1.0.1.1-Za0YEAwwd0t9LSbX0HGdTFNRvmzhBowFeo2VEuTgSFg; HttpOnly; SameSite=None; Secure; Path=/; Domain=www.freemalaysiatoday.com",
"45": "cf-ray: 9d8045058af8f838-SIN"
}

```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	104.17.205.87
Connect Time	4.12 ms
TTFB	27.07 ms
Total Time	27.13 ms

Response Headers:

```

{
  "0": "HTTP/2 301",
  "1": "date: Fri, 06 Mar 2026 09:17:50 GMT",
  "2": "location: https://www.freemalaysiatoday.com/",
  "3": "referrer-policy: no-referrer-when-downgrade",
  "4": "x-content-type-options: nosniff",
  "5": "x-frame-options: SAMEORIGIN",
  "6": "x-xss-protection: 1; mode=block",
  "7": "server: cloudflare",
  "8": "cf-ray: 9d8045072ac1ad7a-KUL",
  "9": "alt-svc: h3=\":443\"; ma=86400",
  "11": "HTTP/2 200",
  "12": "date: Fri, 06 Mar 2026 09:17:50 GMT",
  "13": "content-type: text/html; charset=utf-8",
  "14": "server: cloudflare",
  "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": "vary: Accept-Encoding, Cookie, User-Agent",
"21": "x-debug-auth: anonymous",
"22": "x-debug-cache-maxage: 15",
"23": "x-debug-cache-policy: tiered-public",
"24": "x-debug-cache-sie: 0",
"25": "x-debug-cache-swr: 30",
"26": "x-debug-cache-tag-count: 2",
"27": "x-debug-cache-tags: path:/,page:home",
"28": "x-debug-content-type: homepage",
"29": "x-debug-path: /",
"30": "x-debug-version-timestamp: 1772788650000",
"31": "x-fmt-version: 1772788650000",
"32": "x-middleware-version: 1.1.0",
"33": "x-nextjs-cache: HIT",
"34": "x-nextjs-prerender: 1",
"35": "x-xss-protection: 1; mode=block",
"36": "via: 1.1 google",
"37": "content-security-policy: upgrade-insecure-requests",
"38": "alt-svc: h3=\":443\"; ma=86400",
"39": "set-cookie: __cf_bm=Tpzx4xzTWH89RoSpwV57LTe7Z1mg0RY97PefU18pE4-1772788670.593082-1.0.1.1-12WnlRy804K5fH2_stQvguPsSZorhWQst4cqrE3Jx7cPIegAAcqknF6EFmnDDRfZN60iKF84GR1ctjwIUREM7Q_mAvdRA52H0R4Z0aEMgrQxEy0QmBq104ooiKnMUzG.; HttpOnly; Secure; Path=/; Domain=freemalaysiatoday.com; Expires=Fri, 06 Mar 2026 09:47:50 GMT",
"40": "set-cookie: _cfuvid=e6jBb5QlF07dM6TawDNjL4Q.vFmOoji.yVTNSzL2iU-1772788670.593082-1.0.1.1-o5TwSxA.WIAFsaXigrncKbZae7Jv62SHrvxqlX5qLo; HttpOnly; SameSite=None; Secure; Path=/; Domain=www.freemalaysiatoday.com",
"41": "cf-cache-status: HIT",
"42": "age: 11",
"43": "referrer-policy: no-referrer-when-downgrade",
"44": "cf-ray: 9d80450739459928-KUL"
}
    
```

IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2606:4700::6811:cd57
Connect Time	17.32 ms
TTFB	86.2 ms
Total Time	86.28 ms

Response Headers:

```

{
"0": "HTTP/2 301",
"1": "date: Fri, 06 Mar 2026 09:17:50 GMT",
"2": "location: https://www.freemalaysiatoday.com/",
"3": "referrer-policy: no-referrer-when-downgrade",
"4": "x-content-type-options: nosniff",
"5": "x-frame-options: SAMEORIGIN",
"6": "x-xss-protection: 1; mode=block",
"7": "server: cloudflare",
"8": "cf-ray: 9d8045065aa45f90-SIN",
"9": "alt-svc: h3=\":443\"; ma=86400",
"11": "HTTP/2 200",
"12": "date: Fri, 06 Mar 2026 09:17:50 GMT",
"13": "content-type: text/html; charset=utf-8",
"14": "x-dns-prefetch-control: on",
"15": "strict-transport-security: max-age=31536000; includeSubDomains; preload",
"16": "x-frame-options: SAMEORIGIN",
"17": "x-content-type-options: nosniff",
"18": "cache-control: public, max-age=15, stale-while-revalidate=30",
"19": "age: 11",
"20": "vary: Accept-Encoding, Cookie, User-Agent",
"21": "x-debug-auth: anonymous",
"22": "x-debug-cache-maxage: 15",
"23": "x-debug-cache-policy: tiered-public",
"24": "x-debug-cache-sie: 0",
"25": "x-debug-cache-swr: 30",
"26": "x-debug-cache-tag-count: 2",
"27": "x-debug-cache-tags: path:/,page:home",
"28": "x-debug-content-type: homepage",
"29": "x-debug-path: /",
"30": "x-debug-version-timestamp: 1772788650000",
"31": "x-fmt-version: 1772788650000",
"32": "x-middleware-version: 1.1.0",
"33": "x-nextjs-cache: HIT",
}
    
```

```

"34": "x-nextjs-prerender: 1",
"35": "referrer-policy: no-referrer-when-downgrade",
"36": "x-xss-protection: 1; mode=block",
"37": "server: cloudflare",
"38": "via: 1.1 google",
"39": "content-security-policy: upgrade-insecure-requests",
"40": "alt-svc: h3=\":443\"; ma=86400",
"41": "cf-cache-status: HIT",
"42": "set-cookie: __cf_bm=6HLIewYECN_gmtV0Q11M90u.e8E7YmyHHvd8sUaACag-1772788670.491264-1.0.1.1-
aIVo_hPB.9lH28WuyNsvMa.69AUVjCqUg_0wp0W2DFLFZDGqA6_WJdeG1.KvQREv_3Vsknb6AANZepZJFIUacTYFQpcSBTz75TZ4yq5MEaeIvUw8dSaQdrodvwqcxZXR; HttpOnly; Secure; Path=/;
Domain=freemalaysiatoday.com; Expires=Fri, 06 Mar 2026 09:47:50 GMT",
"43": "set-cookie: _cfuvid=ev7.h3bVUT7K5pbLRqtE8rEHH0eDYmW029iHSAfzPd4-1772788670.491264-1.0.1.1-o5to1TOX.dBvi0PJ1a.Rf3hEKmzAi_580uIRwbAKyI; HttpOnly;
SameSite=None; Secure; Path=/; Domain=www.freemalaysiatoday.com",
"44": "cf-ray: 9d8045068c3c9ba5-SIN"
}
    
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.001801 0.005332
TCP Connect IPv6 → port 80	301 0.000971 0.006147
TCP Connect IPv4 → port 443	301 0.000970 0.031324
TCP Connect IPv6 → port 443	301 0.009979 0.057115

Test Node Network Evidence

Node Profile	dual stack
--------------	------------

Egress Connectivity

IPv4 Egress	unreachable
IPv6 Egress	unreachable

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
    
```