IPv6 Readiness Report

freemalaysiatoday.com — freemalaysiatoday.com

Scan to verify

Category: News Portal • Generated: 02 Nov 2026, 03:06 MYT • Last Checked: 08 Aug 2026, 18:21 MYT • Verification ID: e186dca2-cd75-4ad4-89d7-d581d07f9974
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/e186dca2-cd75-4ad4-89d7-d581d07f9974

✓
Compliant
MGv6C-1.0

90%
Fully IPv6 Ready

IPV6-ONLY READINESS
Website: ✓ **Ready**
DNS: ✓ **Ready**
Email: ✓ **Ready**

IPV6 ADDRESSES
2606:4700::6811:ce57
2606:4700::6811:cd57

IPV4 ADDRESSES
104.17.205.87
104.17.206.87

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:ce57, 2606:4700::6811:cd57
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 — 71ms 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 Oct 7 03:45:36 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	**RRSIG Valid**	FAIL	No valid RRSIG found.
8	**Signing Algorithm**	INFO	No DNSKEY record found.

Email Services (25%) — 6 / 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**	PASS	SMTP port 25 responds over IPv6.
4	**STARTTLS over IPv6**	PASS	STARTTLS supported 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 — 20ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 24ms TTFB.

Audit Trail & Evidence Record

Verification ID	e186dca2-cd75-4ad4-89d7-d581d07f9974
Domain	freemalaysiatoday.com
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:21:32 MYT
Finished	08 Aug 2026, 18:21:38 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/e186dca2-cd75-4ad4-89d7-d581d07f9974

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	01d8f22240b7f804e625b2955448a806afe025e4984d22ada0c5b582e4799680
http_headers	18a1a0ea2a2a8b9200b419f0551106fbc9b6ff8b5ad06bbdd1cf2ec382cce107
dns_responses	e15bb985f191217954241d218b63a63cdc4c70cb2f69d68c303c7c3099e5d4ae
tls_handshake	bb5241dec1c3e59e863eb19033a82c54e85457a7321127bcd0f54072c322812b
connectivity_log	9c83bd8cc9c11c62a4057b146ab0305e8579fd8426ba4c5c39a2eb9a2c9c9818
dns_resolution_times	65227a00c2a88e67aed5976c3d399a5eea0c1851213175da533104f29f74fb74

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	37.48	43	23.08	24.22	-14.4
Google	IPv4	93.16	96.55	99.15	102.08	+6
Google	IPv6	88.09	90.6	95.82	97.07	+7.7
Cloudflare	IPv4	21.71	24.13	27.54	36.26	+5.8
Cloudflare	IPv6	30.26	37.01	34.48	38.61	+4.2

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 35590
;; 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␣104.17.206.87
freemalaysiatoday.com.␣300␣IN␣A␣104.17.205.87
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 23596
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.␣␣␣858␣IN␣SOA␣a.gtld-servers.net. nstld.verisign-grs.com. 1786184434 1800 900 604800 900
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 28322
;; 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␣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.
freemalaysiatoday.com.␣300␣IN␣MX␣10 alt3.aspmx.l.google.com.
freemalaysiatoday.com.␣300␣IN␣MX␣10 alt4.aspmx.l.google.com.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 62134
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
freemalaysiatoday.com.␣59199␣IN␣NS␣andy.ns.cloudflare.com.
freemalaysiatoday.com.␣59199␣IN␣NS␣kara.ns.cloudflare.com.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 63213
;; 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␣"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_RPQQpidh0CDl6dtfVCdHo"
freemalaysiatoday.com.␣60␣IN␣TXT␣"google-site-verification=YYZPK24LRAn9OxU_mlnKCdy8R3jKDbPuqpH36UvaxIU"
freemalaysiatoday.com.␣60␣IN␣TXT␣"google-site-verification=_j8cVpwVq9A8wHeyDK_W4_RPQQpidh0CDl6dtfVCdHo"
freemalaysiatoday.com.␣60␣IN␣TXT␣"google-site-verification=dn60ivzklYS68Xl7DcN1A7ZVHF3V8e0ExnfXRUpQ93w"
freemalaysiatoday.com.␣60␣IN␣TXT␣"google-site-verification=jN8DELalBPavmzBfmlpXPcfrFvL3e06GVKkDkMQLicc"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 46508
;; 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. 2411011955 10000 2400 604800 1800
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 1807
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
freemalaysiatoday.com.␣1797␣IN␣SOA␣andy.ns.cloudflare.com. dns.cloudflare.com. 2411011955 10000 2400 604800 1800
```

DNSSEC_VALIDATION

```
; unsigned answer
freemalaysiatoday.com.␣1797␣IN␣SOA␣andy.ns.cloudflare.com. dns.cloudflare.com. 2411011955 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:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
   v:NotBefore: Jul  9 02:45:56 2026 GMT; NotAfter: Oct  7 03:45:36 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDmTCCA0CgAwIBAgIQTl8hudFFHTwOzn9OpE1MWjAKBggqhkjOPQQDAjA7MQsw
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VQQDEwNXRTEwHhcNMjYwNzA5MDI0NTU2WhcNMjYxMDA3MDM0NTM2WjAgMR4wHAYD
VQQDExVmcmVlbWFsYXlzaWF0b2RheS5jb20wWTATBgcqhkjOPQIBBggqhkjOPQMB
BwNCAARUzZ4StuWYUXVDoEFt660Txu4TgN71wiWKlFO1FifumRtEngYXHNAm0gHn
yfr2Str0yGXBNJlSFHUNPbRTLcv0o4ICPzCCAjswDgYDVR0PAQH/BAQDAgeAMBMG
A1UdJQQMMAoGCCsGAQUFBwMBMAwGA1UdEwEB/wQCMAAwHQYDVR0OBBYEFDJg4JDs
CfFuymfGYFSYEpTHJdhyMB8GA1UdIwQYMBaAFJB3kjVnxP+ozKnme9mAeXvMk/k4
MDUGCCsGAQUFBwEBBCkwJzAlBggrBgEFBQcwAoYZaHR0cDovL2kucGtpLmdvb2cv
d2UxLmNydDA5BgNVHREEMjAwghVmcmVlbWFsYXlzaWF0b2RheS5jb22CFyouZnJl
ZW1hbGF5c2lhdG9kYXkuY29tMBMGA1UdIAQMMAowCAYGZ4EMAQIBMDYGA1UdHwQv
MC0wK6ApoCeGJWh0dHA6Ly9jLnBraS5nb29nL3dlMS90VkZzNXRCLWFjby5jcmww
ggEFBgorBgEEAdZ5AgQCBIH2BIHzAPEAdwDYCVU7lE96/8gWGW+UT4WrsPj8XodV
Jg8V0S5yu0VLFAAAAZ9E+2+6AAAEAwBIMEYCIQCfqRDsWmbcg2HpkFxksDBNakEa
FzWClyu47fS3Sp0ZeQIhAJZrShtFtq6yaVESb/V8tRsjWRQBuGlms6GRQQ4bKbiK
AHYAr2eIO1ewTt2Pptl+9i6o64EKx3Fg8CReVdYML+eFhzoAAAGfRPtwUQAABAMA
RzBFAiAgGt1QYfY/Gyo/8kewNc1nqSthLN1ccXeoq1TTvNK9LgIhAIVVDxD+weBS
t1WE7Mw26HQrpjrZATPvY7ZID866uvABMAoGCCqGSM49BAMCA0cAMEQCICuNTOiB
WKcTv/GYaiye92SluMbD3etX0eK7aOuClWuhAiBC7p5JrndXQ3FC6MGdclGHoyI0
teDPgM2FMtwaKiucrg==
-----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/MZd5csIkp2FV0TttaF4zAKBggqhkjOPQQDAzBHMQsw
CQYDVQQGEwJVUzEiMCAGA1UEChMZR29vZ2xlIFRydXN0IFNlcnZpY2VzIExMQzEU
MBIGA1UEAxMLR1RTIFJvb3QgUjQwHhcNMjMxMjEzMDkwMDAwWhcNMjkwMjIwMTQw
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Y2VzMQwwCgYDVQQDEwNXRTEwWTATBgcqhkjOPQIBBggqhkjOPQMBBwNCAARvzTr+
Z1dHTCEDhUDCR127WEcPQMFcF4XGGTfn1XzthkubgdnXGhOlCgP4mMTG6J7/EFmP
LCaY9eYmJbsPAvpWo4H+MIH7MA4GA1UdDwEB/wQEAwIBhjAdBgNVHSUEFjAUBggr
BgEFBQcDAQYIKwYBBQUHAwIwEgYDVR0TAQH/BAgwBgEB/wIBADAdBgNVHQ4EFgQU
kHeSNWfE/6jMqeZ72YB5e8yT+TgwHwYDVR0jBBgwFoAUgEzW63T/STaj1dj8tT7F
avCUHYwwNAYIKwYBBQUHAQEEKDAmMCQGCCsGAQUFBzAChhhodHRwOi8vaS5wa2ku
Z29vZy9yNC5jcnQwKwYDVR0fBCQwIjAgoB6gHIYaaHR0cDovL2MucGtpLmdvb2cv
ci9yNC5jcmwwEwYDVR0gBAwwCjAIBgZngQwBAgEwCgYIKoZIzj0EAwMDaAAwZQIx
AOcCq1HW90OVznX+0RGU1cxAQXomvtgM8zItPZCuFQ8jSBJSjz5keROv9aYsAm5V
sQIwJonMaAFi54mrfhfoFNZEfuNMSQ6/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:PKEY: 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
MQswCQYDVQQGEwJCRTEZMBcGA1UEChMQR2xvYmFsU2lnbiBudi1zYTEQMA4GA1UE
CxMHUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnbiBSb290IENBMB4XDTIzMTEx
NTAzNDMyMVoXDTI4MDEyODAwMDA0MlowRzELMAkGA1UEBhMCVVMxIjAgBgNVBAoT
GUdvb2dsZSBUcnVzdCBTZXJ2aWNlcyBMTEMxFDASBgNVBAMTC0dUUyBSb290IFI0
MHYwEAYHKoZIzj0CAQYFK4EEACIDYgAE83Rzp2iLYK5DuDXFgTB7S0md+8Fhzube
Rr1r1WEYNa5A3XP3iZEwWus87oV8okB2O6nGuEfYKueSkWpz6bFyOZ8pn6KY019e
WIZlD6GEZQbR3IvJx3PIjGov5cSr0R2Ko4H/MIH8MA4GA1UdDwEB/wQEAwIBhjAd
BgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUHAwIwDwYDVR0TAQH/BAUwAwEB/zAd
BgNVHQ4EFgQUgEzW63T/STaj1dj8tT7FavCUHYwwHwYDVR0jBBgwFoAUYHtmGkUN
l8qJUC99BM00qP/8/UswNgYIKwYBBQUHAQEEKjAoMCYGCCsGAQUFBzAChhpodHRw
```

```
Oi8vaS5wa2kuZ29vZy9nc3IxLmNydDAtBgNVHR8EJjAkMCKgIKAehhxodHRwOi8v
Yy5wa2kuZ29vZy9yL2dzcjEuY3JsMBMGA1UdIAQMMAowCAYGZ4EMAQIBMA0GCSqG
SIb3DQEBCwUAA4IBAQAYQrsPBtYDh5bjP2OBDwmkoWhIDDkic574y04tfzHpn+cJ
odI2D4SseesQ6bDrarZ7C30ddLibZatoKiws3UL9xnELz4ct92vID24FfVbiI1hY
+SW6FoVHkNeWIP0GCbaM4C6uVdF5dTUsMVs/ZbzNnIdCp5Gxmx5ejvEau8otR/Cs
kGN+hr/W5GvT1tMBjgWKZ1i4//emhA1JG1BbPzoLJQvyEotc03lXjTaCzv8mEbep
8RqZ7a2CPsgRbuvTPBwcOMBBmuFeU88+FSBX6+7iP0il8b4Z0QFqIwwMHfs/L6K1
vepuoxtGzi4CZ68zJpiq1UvSqTbFJjtbD4seiMHl
-----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 2814 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
No ALPN negotiated
```

IPV6 Connection

IP Used	2606:4700::6811:ce57
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: Jul  9 02:45:56 2026 GMT; NotAfter: Oct  7 03:45:36 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDmTCCA0CgAwIBAgIQTl8hudFFHTwOzn9OpE1MWjAKBggqhkjOPQQDAjA7MQsw
CQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2xlIFRydXN0IFNlcnZpY2VzMQwwCgYD
VQQDEwNXRTEwHhcNMjYwNzA5MDI0NTU2WhcNMjYxMDA3MDM0NTM2WjAgMR4wHAYD
VQQDExVmcmVlbWFsYXlzaWF0b2RheS5jb20wWTATBgcqhkjOPQIBBggqhkjOPQMB
BwNCAARUzZ4StuWYUXVDoEFt660Txu4TgN71wiWKlFO1FifumRtEngYXHNAm0gHn
yfr2Str0yGXBNJlSFHUNPbRTLcv0o4ICPzCCAjswDgYDVR0PAQH/BAQDAgeAMBMG
A1UdJQQMMAoGCCsGAQUFBwMBMAwGA1UdEwEB/wQCMAAwHQYDVR0OBBYEFDJg4JDs
CfFuymfGYFSYEpTHJdhyMB8GA1UdIwQYMBaAFJB3kjVnxP+ozKnme9mAeXvMk/k4
MDUGCCsGAQUFBwEBBCkwJzAlBggrBgEFBQcwAoYZaHR0cDovL2kucGtpLmdvb2cv
d2UxLmNydDA5BgNVHREEMjAwghVmcmVlbWFsYXlzaWF0b2RheS5jb22CFyouZnJl
ZW1hbGF5c2lhdG9kYXkuY29tMBMGA1UdIAQMMAowCAYGZ4EMAQIBMDYGA1UdHwQv
MC0wK6ApoCeGJWh0dHA6Ly9jLnBraS5nb29nL3dlMS90VkZzNXRCLWFjby5jcmww
ggEFBgorBgEEAdZ5AgQCBIH2BIHzAPEAdwDYCVU7lE96/8gWGW+UT4WrsPj8XodV
Jg8V0S5yu0VLFAAAAZ9E+2+6AAAEAwBIMEYCIQCfqRDsWmbcg2HpkFxksDBNakEa
FzWClyu47fS3Sp0ZeQIhAJZrShtFtq6yaVESb/V8tRsjWRQBuGlms6GRQQ4bKbiK
AHYAr2eIO1ewTt2Pptl+9i6o64EKx3Fg8CReVdYML+eFhzoAAAGfRPtwUQAABAMA
RzBFAiAgGtlQYfY/Gyo/8kewNc1nqSthLN1ccXeoq1TTvNK9LgIhAIVVDxD+weBS
t1WE7Mw26HQrpjrZATPvY7ZID866uvABMAoGCCqGSM49BAMCA0cAMEQCICuNTOiB
WKcTv/GYaiye92SluMbD3etX0eK7aOuClWuhAiBC7p5JrndXQ3FC6MGdclGHoyI0
teDPgM2FMtwaKiucrg==
-----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/MZd5csIkp2FV0TttaF4zAKBggqhkjOPQQDAzBHMQsw
CQYDVQQGEwJVUzEiMCAGA1UEChMZR29vZ2xlIFRydXN0IFNlcnZpY2VzIExMQzEU
MBIGA1UEAxMLR1RTIFJvb3QgUjQwHhcNMjMxMjEzMDkwMDAwWhcNMjkwMjIwMTQw
MDAwWjA7MQswCQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2xlIFRydXN0IFNlcnZp
Y2VzMQwwCgYDVQQDEwNXRTEwHTATBgcqhkjOPQIBBggqhkjOPQMBBwNCAARvzTr+
```

```
Z1dHTCEDhUDCR127WEcPQMFcF4XGGTfn1XzthkubgdnXGhOlCgP4mMTG6J7/EFmP
LCaY9eYmJbsPAvpWo4H+MIH7MA4GA1UdDwEB/wQEAwIBhjAdBgNVHSUEFjAUBggr
BgEFBQcDAQYIKwYBBQUHAwIwEgYDVR0TAQH/BAgwBgEB/wIBADAdBgNVHQ4EFgQU
kHeSNWfE/6jMqeZ72YB5e8yT+TgwHwYDVR0jBBgwFoAUgEzW63T/STaj1dj8tT7F
avCUHYwwNAYIKwYBBQUHAQEEKDAmMCQGCCsGAQUFBzAChhhodHRwOi8vaS5wa2ku
Z29vZy9yNC5jcnQwKwYDVR0fBCQwIjAgoB6gHIYaaHR0cDovL2MucGtpLmdvb2cv
ci9yNC5jcmwwEwYDVR0gBAwwCjAIBgZngQwBAgEwCgYIKoZIzj0EAwMDaAAwZQIx
AOcCq1HW90OVznX+0RGU1cxAQXomvtgM8zItPZCuFQ8jSBJSjz5keROv9aYsAm5V
sQIwJonMaAFi54mrfhfoFNZEfuNMSQ6/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:PKEY: 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
MQswCQYDVQQGEwJCRTEZMBcGA1UEChMQR2xvYmFsU2lnbiBudi1zYTEQMA4GA1UE
CxMHUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnbiBSb290IENBMB4XDTIzMTEx
NTAzNDMyMVoXDTI4MDEyODAwMDA0MlowRzELMAkGA1UEBhMCVVMxIjAgBgNVBAoT
GUdvb2dsZSBUcnVzdCBTZXJ2aWNlcyBMTEMxFDASBgNVBAMTC0dUUyBSb290IFI0
MHYwEAYHKoZIzj0CAQYFK4EEACIDYgAE83Rzp2iLYK5DuDXFgTB7S0md+8Fhzube
Rr1r1WEYNa5A3XP3iZEwWus87oV8okB2O6nGuEfYKueSkWpz6bFyOZ8pn6KY019e
WIZlD6GEZQbR3IvJx3PIjGov5cSr0R2Ko4H/MIH8MA4GA1UdDwEB/wQEAwIBhjAd
BgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUHAwIwDwYDVR0TAQH/BAUwAwEB/zAd
BgNVHQ4EFgQUgEzW63T/STaj1dj8tT7FavCUHYwwHwYDVR0jBBgwFoAUYHtmGkUN
l8qJUC99BM00qP/8/UswNgYIKwYBBQUHAQEEKjAoMCYGCCsGAQUFBzAChhpodHRw
Oi8vaS5wa2kuZ29vZy9nc3IxLmNydDAtBgNVHR8EJjAkMCKgIKAehhxodHRwOi8v
Yy5wa2kuZ29vZy9yL2dzcjEuY3JsMBMGA1UdIAQMMAowCAYGZ4EMAQIBMA0GCSqG
SIb3DQEBCwUAA4IBAQAYQrsPBtYDh5bjP2OBDwmkoWhIDDkic574y04tfzHpn+cJ
odI2D4SseesQ6bDrarZ7C30ddLibZatoKiws3UL9xnELz4ct92vID24FfVbiI1hY
+SW6FoVHkNeWIP0GCbaM4C6uVdF5dTUsMVs/ZbzNnIdCp5Gxmx5ejvEau8otR/Cs
kGN+hr/W5GvT1tMBjgWKZ1i4//emhA1JG1BbPzoLJQvyEotc03lXjTaCzv8mEbep
8RqZ7a2CPsgRbuvTPBwcOMBBmuFeU88+FSBX6+7iP0il8b4Z0QFqIwwMHfs/L6K1
vepuoxtGzi4CZ68zJpiq1UvSqTbFJjtbD4seiMHl
-----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 2813 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
No ALPN negotiated
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	104.17.205.87
Connect Time	4.3 ms
TTFB	17.84 ms
Total Time	17.91 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Sat, 08 Aug 2026 10:21:38 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: a27dcb9cd9a15664-KUL",
    "11": "alt-svc: h3=\":443\"; ma=86400",
    "13": "HTTP/2 200",
    "14": "date: Sat, 08 Aug 2026 10:21:38 GMT",
    "15": "content-type: text/html; charset=utf-8",
    "16": "x-dns-prefetch-control: on",
    "17": "strict-transport-security: max-age=31536000; includeSubDomains",
    "18": "x-frame-options: SAMEORIGIN",
    "19": "x-content-type-options: nosniff",
    "20": "referrer-policy: no-referrer-when-downgrade",
    "21": "permissions-policy: camera=(), microphone=(), geolocation=()",
    "22": "cache-control: public, max-age=15, stale-while-revalidate=30, stale-if-error=86400",
    "23": "age: 1",
    "24": "vary: Accept-Encoding, Cookie, User-Agent",
    "25": "x-debug-auth: anonymous",
    "26": "x-debug-cache-maxage: 15",
    "27": "x-debug-cache-policy: tiered-public",
    "28": "x-debug-cache-sie: 86400",
    "29": "x-debug-cache-swr: 30",
    "30": "x-debug-cache-tag-count: 2",
    "31": "x-debug-cache-tags: path:/,page:home",
    "32": "x-debug-content-type: homepage",
    "33": "x-debug-path: /",
    "34": "x-debug-version-timestamp: 1786184480000",
    "35": "x-fmt-version: 1786184480000",
    "36": "x-middleware-version: 1.1.0",
    "37": "x-nextjs-cache: HIT",
    "38": "x-nextjs-prerender: 1",
    "39": "set-cookie: __cf_bm=hDp46E5wKJqDhJ331MmVeZ1RBV4PbTCiJOM24u6bBOw-1786184498.7022004-1.0.1.1-
1tle6OtuUtDNi2r6fYJOfw07MwsldVqApmXJkLwGtRXezoK7YqOV3InzLsrNSWjVbxkm6pwDGy60PKXrBFvIxUOulXyMoipKYeaOqb2AvXPy0S.L2DhaO8LwYPeiKUif; HttpOnly; Secure; Path=/;
Domain=freemalaysiatoday.com; Expires=Sat, 08 Aug 2026 10:51:38 GMT",
    "40": "x-xss-protection: 1; mode=block",
    "41": "server: cloudflare",
    "42": "via: 1.1 google",
    "43": "alt-svc: h3=\":443\"; ma=86400",
    "44": "cf-cache-status: HIT",
    "45": "cf-ray: a27dcb9cea421685-KUL"
}
```


IPv6 HTTP (port 80)

HTTP Status	200
Connected IP	2606:4700::6811:ce57
Connect Time	10.53 ms
TTFB	49.53 ms
Total Time	49.63 ms

Response Headers:


```
{
```

```
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Sat, 08 Aug 2026 10:21:38 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: a27dcb9c3dd51d95-KUL",
    "11": "alt-svc: h3=\":443\"; ma=86400",
    "13": "HTTP/2 200",
    "14": "date: Sat, 08 Aug 2026 10:21:38 GMT",
    "15": "content-type: text/html; charset=utf-8",
    "16": "x-dns-prefetch-control: on",
    "17": "strict-transport-security: max-age=31536000; includeSubDomains",
    "18": "x-frame-options: SAMEORIGIN",
    "19": "x-content-type-options: nosniff",
    "20": "referrer-policy: no-referrer-when-downgrade",
    "21": "permissions-policy: camera=(), microphone=(), geolocation=()",
    "22": "cache-control: public, max-age=15, stale-while-revalidate=30, stale-if-error=86400",
    "23": "age: 17",
    "24": "vary: Accept-Encoding, Cookie, User-Agent",
    "25": "x-debug-auth: anonymous",
    "26": "x-debug-cache-maxage: 15",
    "27": "x-debug-cache-policy: tiered-public",
    "28": "x-debug-cache-sie: 86400",
    "29": "x-debug-cache-swr: 30",
    "30": "x-debug-cache-tag-count: 2",
    "31": "x-debug-cache-tags: path:/,page:home",
    "32": "x-debug-content-type: homepage",
    "33": "x-debug-path: /",
    "34": "x-debug-version-timestamp: 1786184480000",
    "35": "x-fmt-version: 1786184480000",
    "36": "x-middleware-version: 1.1.0",
    "37": "x-nextjs-cache: HIT",
    "38": "x-nextjs-prerender: 1",
    "39": "set-cookie: __cf_bm=PJCKNisbebduQqy.rsjmKM_xLtaqIkSUQqWkWEKzH1o-1786184498.621426-1.0.1.1-
MFaCFNUBGiEm0DdxvH1Q3HH3mb2354djAoMUMKv6BHoqL4cGqkvArbf7369bFLeGfjaMkdQjOKw48PI2eRWfu1y6hBLMjIX4tF3U8ZKWCBWAzA503GE1ryZev.8yYHcB; HttpOnly; Secure; Path=/;
Domain=freemalaysiatoday.com; Expires=Sat, 08 Aug 2026 10:51:38 GMT",
    "40": "x-xss-protection: 1; mode=block",
    "41": "server: cloudflare",
    "42": "via: 1.1 google",
    "43": "alt-svc: h3=\":443\"; ma=86400",
    "44": "cf-cache-status: UPDATING",
    "45": "cf-ray: a27dcb9c682fff7f-SIN"
}
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	104.17.205.87
Connect Time	4.86 ms
TTFB	25.28 ms
Total Time	25.36 ms

Response Headers:


```
{
    "0": "HTTP/2 301",
    "1": "date: Sat, 08 Aug 2026 10:21:38 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: a27dcb9cf826b91f-KUL",
    "10": "alt-svc: h3=\":443\"; ma=86400",
    "12": "HTTP/2 200",
    "13": "date: Sat, 08 Aug 2026 10:21:38 GMT",
    "14": "content-type: text/html; charset=utf-8",
    "15": "x-dns-prefetch-control: on",
    "16": "strict-transport-security: max-age=31536000; includeSubDomains",
    "17": "x-frame-options: SAMEORIGIN",
```

```
    "18": "x-content-type-options: nosniff",
    "19": "referrer-policy: no-referrer-when-downgrade",
    "20": "permissions-policy: camera=(), microphone=(), geolocation=()",
    "21": "cache-control: public, max-age=15, stale-while-revalidate=30, stale-if-error=86400",
    "22": "age: 1",
    "23": "vary: Accept-Encoding, Cookie, User-Agent",
    "24": "x-debug-auth: anonymous",
    "25": "x-debug-cache-maxage: 15",
    "26": "x-debug-cache-policy: tiered-public",
    "27": "x-debug-cache-sie: 86400",
    "28": "x-debug-cache-swr: 30",
    "29": "x-debug-cache-tag-count: 2",
    "30": "x-debug-cache-tags: path:/,page:home",
    "31": "x-debug-content-type: homepage",
    "32": "x-debug-path: /",
    "33": "x-debug-version-timestamp: 1786184480000",
    "34": "x-fmt-version: 1786184480000",
    "35": "x-middleware-version: 1.1.0",
    "36": "x-nextjs-cache: HIT",
    "37": "x-nextjs-prerender: 1",
    "38": "set-cookie: __cf_bm=WzNlKsuSdwilklZv4xay57YwlQeSj7dx2tXzwoZhuIY-1786184498.727546-1.0.1.1-
knjlGndfgwZ3aewhqXIwucLmG_uZdvu_QMS2ZSdWyvNxwoQwQrkgjFZPcObk0_tzR2s66rwa5L6xHbNQplevmZQc0JijWVgIYRDANtw6fSOSGmHbsxrMS5qJ7693zivH; HttpOnly; Secure; Path=/;
Domain=freemalaysiatoday.com; Expires=Sat, 08 Aug 2026 10:51:38 GMT",
    "39": "x-xss-protection: 1; mode=block",
    "40": "server: cloudflare",
    "41": "via: 1.1 google",
    "42": "alt-svc: h3=\":443\"; ma=86400",
    "43": "cf-cache-status: HIT",
    "44": "cf-ray: a27dcb9d0b6bfc5d-KUL"
}
```


IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2606:4700::6811:ce57
Connect Time	10.75 ms
TTFB	50.44 ms
Total Time	50.53 ms

Response Headers:


```
{
    "0": "HTTP/2 301",
    "1": "date: Sat, 08 Aug 2026 10:21:38 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": "report-to: {\"group\":\"cf-csp-endpoint\",\"max_age\":86400,\"endpoints\":[{\"url\":\"https://csp-reporting.cloudflare.com/cdn-
cgi/script_monitor/report?m=ykvnR1Ly5TrDc7Q_vvo1wDT9YQZqbXa6xqfp6M1p25A-1786184498.6468291-1.0.1.1-
RPPkTU_sf70DC7IInBvn_8zmRuPrgpiV6edPp3HeTs84Kiuwaz0qH4tn6Ywychsl5HwKhkwqAt1TY2J2XCmfvHP6eCfazRUWE3l.jWlQWdN1ef.vl_nphlI9CyUCGpv3PP5WfKsIcFP0OHA_D_981NDj61CkQscDX0._d2Ks6S8fXnZ7oa
    "9": "content-security-policy-report-only: script-src 'unsafe-inline' 'unsafe-eval'; connect-src 'none'; report-uri https://csp-reporting.cloudflare.com/cdn-
cgi/script_monitor/report?m=ykvnR1Ly5TrDc7Q_vvo1wDT9YQZqbXa6xqfp6M1p25A-1786184498.6468291-1.0.1.1-
RPPkTU_sf70DC7IInBvn_8zmRuPrgpiV6edPp3HeTs84Kiuwaz0qH4tn6Ywychsl5HwKhkwqAt1TY2J2XCmfvHP6eCfazRUWE3l.jWlQWdN1ef.vl_nphlI9CyUCGpv3PP5WfKsIcFP0OHA_D_981NDj61CkQscDX0._d2Ks6S8fXnZ7oa
report-to cf-csp-endpoint",
    "10": "server: cloudflare",
    "11": "cf-ray: a27dcb9c885a11c9-KUL",
    "12": "alt-svc: h3=\":443\"; ma=86400",
    "14": "HTTP/2 200",
    "15": "date: Sat, 08 Aug 2026 10:21:38 GMT",
    "16": "content-type: text/html; charset=utf-8",
    "17": "x-dns-prefetch-control: on",
    "18": "strict-transport-security: max-age=31536000; includeSubDomains",
    "19": "x-frame-options: SAMEORIGIN",
    "20": "x-content-type-options: nosniff",
    "21": "referrer-policy: no-referrer-when-downgrade",
    "22": "permissions-policy: camera=(), microphone=(), geolocation=()",
    "23": "cache-control: public, max-age=15, stale-while-revalidate=30, stale-if-error=86400",
    "24": "age: 1",
    "25": "vary: Accept-Encoding, Cookie, User-Agent",
    "26": "x-debug-auth: anonymous",
    "27": "x-debug-cache-maxage: 15",
    "28": "x-debug-cache-policy: tiered-public",
    "29": "x-debug-cache-sie: 86400",
    "30": "x-debug-cache-swr: 30",
```

```
    "31": "x-debug-cache-tag-count: 2",
    "32": "x-debug-cache-tags: path:/,page:home",
    "33": "x-debug-content-type: homepage",
    "34": "x-debug-path: /",
    "35": "x-debug-version-timestamp: 1786184480000",
    "36": "x-fmt-version: 1786184480000",
    "37": "x-middleware-version: 1.1.0",
    "38": "x-nextjs-cache: HIT",
    "39": "x-nextjs-prerender: 1",
    "40": "set-cookie: __cf_bm=qyO4OEMUR2O29_dtoTUSx6jgXzVtD44Dxv86PgMrFC8-1786184498.677102-1.0.1.1-
t34.r6nNRAINNhgjJxHnkn0XIaHqSyYmBnMzKd9WZYzE.NfumcNlX70XL71kKR0G42N5Si_00iV5CcqQGC5M.R1pKn_o2NLDy5O1xNMyFF91vhIBs2GK5J2Iap3mjHBU; HttpOnly; Secure; Path=/;
Domain=freemalaysiatoday.com; Expires=Sat, 08 Aug 2026 10:51:38 GMT",
    "41": "x-xss-protection: 1; mode=block",
    "42": "server: cloudflare",
    "43": "via: 1.1 google",
    "44": "alt-svc: h3=\":443\"; ma=86400",
    "45": "cf-cache-status: HIT",
    "46": "cf-ray: a27dcb9cbe74fdfb-SIN"
}
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.001712 0.004690
TCP Connect IPv6 → port 80	301 0.000958 0.003670
TCP Connect IPv4 → port 443	301 0.000952 0.020380
TCP Connect IPv6 → port 443	301 0.000969 0.020501

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
```