IPv6 Readiness Report

malaysianow.com — malaysianow.com

Scan to verify

Category: News Portal • Generated: 02 Nov 2026, 03:11 MYT • Last Checked: 08 Aug 2026, 18:21 MYT • Verification ID: dd85794e-6f0b-4080-b370-bc22ca1da1e3
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/dd85794e-6f0b-4080-b370-bc22ca1da1e3

✓
Compliant
MGv6C-1.0

90%
Fully IPv6 Ready

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

IPV6 ADDRESSES
2606:4700:20::681a:f70
2606:4700:20::681a:e70
2606:4700:20::ac43:4811

IPV4 ADDRESSES
104.26.14.112
104.26.15.112
172.67.72.17

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	2606:4700:20::681a:f70, 2606:4700:20::681a:e70, 2606:4700:20::ac43:4811
2	**Globally Routable IPv6**	PASS	All addresses are globally routable.
3	**HTTP over IPv6**	PASS	HTTP (port 80) responds over IPv6 — 118ms TTFB.
4	**HTTPS over IPv6**	PASS	HTTPS (port 443) responds over IPv6 — 84ms 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 Sep 14 23:31:25 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.

#	CHECK	RESULT	DETAIL
6	**DS Record at Parent**	FAIL	No DS record at parent.
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	104.26.14.112, 104.26.15.112, 172.67.72.17
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 113ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 81ms TTFB.

Audit Trail & Evidence Record

Verification ID	dd85794e-6f0b-4080-b370-bc22ca1da1e3
Domain	malaysianow.com
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:21:48 MYT
Finished	08 Aug 2026, 18:21:52 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/dd85794e-6f0b-4080-b370-bc22ca1da1e3

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	06dd3cf59b85cf70f4818160ed3820d6be59a09ad0e1b040c68e14d5abc2a777
http_headers	6167770b944cd9787863ef614b92354570af6f872738fe1daba6aac55e142c38
dns_responses	cfa4effea6f22879bae0f593bf58f626e48243d7e4655cb215c79051c21f9aae
tls_handshake	596279d6309362a78376af2c838429b98bb7923f5dac86312d03167c28ee15d4
connectivity_log	5358407b8cca2a44923365784ed57ccb1f6f92ce35746bbf2112074ccbe825b8
dns_resolution_times	7f93b428cfccc9d5cd4cb31eccd224faf75134c24e40e5c2cb2d4d4cb8651720

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	22.69	28.66	21.9	22.24	-0.8
Google	IPv4	92.82	94.11	90.59	90.65	-2.2
Google	IPv6	104.12	108.6	92.7	100.71	-11.4
Cloudflare	IPv4	23.56	27.82	24.12	24.18	+0.6
Cloudflare	IPv6	26.52	47.38	35.7	36.27	+9.2

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 50970
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
malaysianow.com.	300	IN	A	104.26.14.112
malaysianow.com.	300	IN	A	172.67.72.17
malaysianow.com.	300	IN	A	104.26.15.112
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 64285
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.		844	IN	SOA	a.gtld-servers.net. nstld.verisign-grs.com. 1786184434 1800 900 604800 900
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 20471
;; flags: qr rd ra; QUERY: 1, ANSWER: 6, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
malaysianow.com.	3600	IN	MX	10 alt3.aspmx.l.google.com.
malaysianow.com.	3600	IN	MX	10 alt4.aspmx.l.google.com.
malaysianow.com.	3600	IN	MX	15 2wofztaustpstwm7wu2rlalwnub6stehqxo43t5y7tukop6nthua.mx-verification.google.com.
malaysianow.com.	3600	IN	MX	5 alt1.aspmx.l.google.com.
malaysianow.com.	3600	IN	MX	5 alt2.aspmx.l.google.com.
malaysianow.com.	3600	IN	MX	1 aspmx.l.google.com.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 26176
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
malaysianow.com.	59258	IN	NS	arch.ns.cloudflare.com.
malaysianow.com.	59258	IN	NS	marge.ns.cloudflare.com.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 49674
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
malaysianow.com.	300	IN	TXT	"v=spf1 include:_spf.google.com ~all"
malaysianow.com.	300	IN	TXT	"facebook-domain-verification=uco0cidnpbqg8wjpco168zzh67012z"
malaysianow.com.	300	IN	TXT	"google-site-verification=_tXIth7uOxcMqCBHF7hD_2VYRoQ8oSW-Q-0G92plwZ4"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 63358
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
malaysianow.com.	300	IN	AAAA	2606:4700:20::ac43:4811
malaysianow.com.	300	IN	AAAA	2606:4700:20::681a:f70
```

```
malaysianow.com.	300	IN	AAAA	2606:4700:20::681a:e70
```

RRSIG

```
arch.ns.cloudflare.com. dns.cloudflare.com. 2411068308 10000 2400 604800 1800
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 55364
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
malaysianow.com.	1799	IN	SOA	arch.ns.cloudflare.com. dns.cloudflare.com. 2411068308 10000 2400 604800 1800
```

DNSSEC_VALIDATION

```
; unsigned answer
malaysianow.com.	1798	IN	SOA	arch.ns.cloudflare.com. dns.cloudflare.com. 2411068308 10000 2400 604800 1800
```

TLS Handshake Evidence

IPV4 Connection

IP Used	104.26.14.112
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 = malaysianow.com
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:CN = malaysianow.com
   i:C = US, O = Google Trust Services, CN = WE1
   a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
   v:NotBefore: Jun 16 22:31:33 2026 GMT; NotAfter: Sep 14 23:31:25 2026 GMT
-----BEGIN CERTIFICATE-----
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EQQmMCSCD21hbGF5c2lhbm93LmNvbYIRKi5tYWxheXNpYW5vdy5jb20wEwYDVR0g
BAwwCjAIBgZngQwBAgEwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2MucGtpLmdv
b2cvd2UxLzhpT3hTbUQwRTUwLmNybDCCAQQGCisGAQQB1nkCBAIEgfUEgfIA8AB3
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-----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-----
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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-----
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GUdvb2dsZSBUcnVzdCBTZXJ2aWNlcyBMTEMxFDASBgNVBAMTC0dUUyBSb290IFI0
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```

```
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+SW6FoVHkNeWIP0GCbaM4C6uVdF5dTUsMVs/ZbzNnIdCp5Gxmx5ejvEau8otR/Cs
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vepuoxtGzi4CZ68zJpiq1UvSqTbFJjtbD4seiMHl
-----END CERTIFICATE-----
---
Server certificate
subject=CN = malaysianow.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 2835 bytes and written 397 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	2606:4700:20::681a:f70
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 = malaysianow.com
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:CN = malaysianow.com
   i:C = US, O = Google Trust Services, CN = WE1
   a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
   v:NotBefore: Jun 16 22:31:33 2026 GMT; NotAfter: Sep 14 23:31:25 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDrzCCA1agAwIBAgIQVXhxSnbyUVYTB9/BOsOOGjAKBggqhkjOPQQDAjA7MQsw
CQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2xlIFRydXN0IFNlcnZpY2VzMQwwCgYD
VQQDEwNXRTEwHhcNMjYwNjE2MjIzMTMzWhcNMjYwOTE0MjMzMTI1WjAaMRgwFgYD
VQQDEw9tYWxheXNpYW5vdy5jb20wWTATBgcqhkjOPQIBBggqhkjOPQMBBwNCAATm
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MAoGCCsGAQUFBwMBMAwGA1UdEwEB/wQCMAAwHQYDVR0OBBYEFJ88Sa0o7i9PWhGr
CpbgQRHnrZwwMB8GA1UdIwQYMBaAFJB3kjVnxP+ozKnme9mAeXvMk/k4MF4GCCsG
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VlhnMCUGCCsGAQUFBzAChhlodHRwOi8vaS5wa2kuZ29vZy93ZTEuY3J0MC0GA1Ud
EQQmMCSCD21hbGF5c2lhbm93LmNvbYIRKi5tYWxheXNpYW5vdy5jb20wEwYDVR0g
BAwwCjAIBgZngQwBAgEwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2MucGtpLmdv
b2cvd2UxLzhpT3hTbUQwRTUwLmNybDCCAQQGCisGAQQB1nkCBAIEgfUEgfIA8AB3
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xm9EVtOKa5oYoucEAiAtJ+xoDatAhNDaZcJx/q7hsxmcUFcGZgnp5woGLe17OjAK
BggqhkjOPQQDAgNHADBEAiA6qBOdTx8Tgd72hSCUUuxf048b1lTvbtQuJsNNVOSc
YQIgO0HgMN3YvAm5Bfkg3Hpk/ZBQSr0eyZDjeojK3IKtUWU=
-----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 = malaysianow.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 2835 bytes and written 397 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	104.26.14.112
Connect Time	26.18 ms
TTFB	116.07 ms
Total Time	116.2 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Sat, 08 Aug 2026 10:21:52 GMT",
    "2": "Content-Type: text/html; charset=UTF-8",
    "3": "Connection: keep-alive",
    "4": "Location: https://malaysianow.com/",
    "5": "Report-To: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=dkExThn7eNs2lSFQT0xEzO4br5lBPuZNQsQLMscxBqQNkTeSS%2FKFfZ2N6u%2FwHhDB3gEjd5NvIFf38KSdMBT
    "6": "Nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "7": "Server: cloudflare",
    "8": "CF-RAY: a27dcbf0ec483fa5-SIN",
    "9": "alt-svc: h3=\":443\"; ma=86400",
    "11": "HTTP/2 301",
    "12": "date: Sat, 08 Aug 2026 10:21:52 GMT",
    "13": "content-type: text/html; charset=UTF-8",
    "14": "location: https://www.malaysianow.com/",
    "15": "report-to: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=spMfZECmNdeJUPOmBSMjDsbaiBU1Ao5L1smi0PKxI%2FCnDqtoLlakFNTehbECmr%2BSZ4kE7cLigCwC9lg0UwV
    "16": "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "17": "server: cloudflare",
    "18": "cf-ray: a27dcbf148684494-SIN",
    "19": "alt-svc: h3=\":443\"; ma=86400",
    "21": "HTTP/2 200",
    "22": "date: Sat, 08 Aug 2026 10:21:52 GMT",
    "23": "content-type: text/html; charset=utf-8",
    "24": "server: cloudflare",
    "25": "x-powered-by: Next.js",
    "26": "report-to: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=u1iQ7n9KHSS6JvPVUIIa8rzp8WOFpZiqM6J8MBUVkmN6KaQSakwFEisBCr8ndOiGwIyAzLijqs%2FTailYR2PrC
    "27": "vary: Accept-Encoding",
    "28": "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "29": "x-content-type-options: nosniff",
    "30": "x-frame-options: SAMEORIGIN",
    "31": "referrer-policy: strict-origin-when-cross-origin",
    "32": "permissions-policy: geolocation=(), microphone=(), camera=()",
    "33": "strict-transport-security: max-age=31536000; includeSubDomains",
    "34": "cache-control: public, max-age=0, s-maxage=3600, must-revalidate",
    "35": "age: 1302",
    "36": "cf-cache-status: HIT",
    "37": "cf-ray: a27dcbf17af0fda2-SIN",
    "38": "alt-svc: h3=\":443\"; ma=86400"
}
```


IPv6 HTTP (port 80)

HTTP Status	200
Connected IP	2606:4700:20::681a:e70
Connect Time	25.55 ms
TTFB	132.41 ms
Total Time	132.57 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Sat, 08 Aug 2026 10:21:51 GMT",
    "2": "Content-Type: text/html; charset=UTF-8",
    "3": "Connection: keep-alive",
    "4": "Location: https://malaysianow.com/",
    "5": "Report-To: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=L7FmEpTKeualMueaz7phvw9IlzCeBwMjwScVrBb%2Btsb%2Bap7U0UVGcm52PMjSN54nQiZIy%2BTjejfx2rLB
```

```
    "6": "Nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "7": "Server: cloudflare",
    "8": "CF-RAY: a27dcbef6c425fbb-SIN",
    "9": "alt-svc: h3=\":443\"; ma=86400",
    "11": "HTTP/2 301",
    "12": "date: Sat, 08 Aug 2026 10:21:51 GMT",
    "13": "content-type: text/html; charset=UTF-8",
    "14": "location: https://www.malaysianow.com/",
    "15": "report-to: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=PkolDG%2BW2TK1MIPjdPBTKfF2SV8gnCmNrrSWz2Fkdii3jK80u5BCtHE4GC%2BmU8%2BxG%2BqPyd0ctFToIiI
    "16": "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "17": "server: cloudflare",
    "18": "cf-ray: a27dcbefbbbaf928-SIN",
    "19": "alt-svc: h3=\":443\"; ma=86400",
    "21": "HTTP/2 200",
    "22": "date: Sat, 08 Aug 2026 10:21:52 GMT",
    "23": "content-type: text/html; charset=utf-8",
    "24": "server: cloudflare",
    "25": "x-powered-by: Next.js",
    "26": "report-to: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=z3dOw9rwb0R93CpT2HkOOOnwYJnRImlQVbuAvtcKkxNm%2BFgCFBVrUIaFAqWVq2emhNlZUVILVLTMdkPZG1Iq
    "27": "vary: Accept-Encoding",
    "28": "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "29": "x-content-type-options: nosniff",
    "30": "x-frame-options: SAMEORIGIN",
    "31": "referrer-policy: strict-origin-when-cross-origin",
    "32": "permissions-policy: geolocation=(), microphone=(), camera=()",
    "33": "strict-transport-security: max-age=31536000; includeSubDomains",
    "34": "cache-control: public, max-age=0, s-maxage=3600, must-revalidate",
    "35": "age: 1302",
    "36": "cf-cache-status: HIT",
    "37": "cf-ray: a27dcbf00b224091-SIN",
    "38": "alt-svc: h3=\":443\"; ma=86400"
}
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	172.67.72.17
Connect Time	17.03 ms
TTFB	91.63 ms
Total Time	91.7 ms

Response Headers:


```
{
    "0": "HTTP/2 301",
    "1": "date: Sat, 08 Aug 2026 10:21:52 GMT",
    "2": "content-type: text/html; charset=UTF-8",
    "3": "location: https://www.malaysianow.com/",
    "4": "report-to: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=Fm2KI55%2F2ibsqGdxhmSwNQfS9Juy2QqKHTIIqfOHw9XTVVR0d1IdGNU2BT7bu44OCDe1rpoHb1P8saAFvkyB
    "5": "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "6": "server: cloudflare",
    "7": "cf-ray: a27dcbf1b81b33d1-SIN",
    "8": "alt-svc: h3=\":443\"; ma=86400",
    "10": "HTTP/2 200",
    "11": "date: Sat, 08 Aug 2026 10:21:52 GMT",
    "12": "content-type: text/html; charset=utf-8",
    "13": "server: cloudflare",
    "14": "x-powered-by: Next.js",
    "15": "report-to: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=a5xcj%2BjDM9aHg3IyFLDqheymGQGthjFvJ4gimeH%2BmhkITwzEHnbE4ZSySrMfXp1iprccGIDMes49iAEBXr
    "16": "vary: Accept-Encoding",
    "17": "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "18": "x-content-type-options: nosniff",
    "19": "x-frame-options: SAMEORIGIN",
    "20": "referrer-policy: strict-origin-when-cross-origin",
    "21": "permissions-policy: geolocation=(), microphone=(), camera=()",
    "22": "strict-transport-security: max-age=31536000; includeSubDomains",
    "23": "cache-control: public, max-age=0, s-maxage=3600, must-revalidate",
    "24": "age: 1302",
    "25": "cf-cache-status: HIT",
    "26": "cf-ray: a27dcbf1fd216005-SIN",
    "27": "alt-svc: h3=\":443\"; ma=86400"
}
```

IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2606:4700:20::681a:f70
Connect Time	17.2 ms
TTFB	108.56 ms
Total Time	108.66 ms

Response Headers:


```
{
    "0": "HTTP/2 301",
    "1": "date: Sat, 08 Aug 2026 10:21:52 GMT",
    "2": "content-type: text/html; charset=UTF-8",
    "3": "location: https://www.malaysianow.com/",
    "4": "report-to: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=WzbQhqbcjNkC1JxQH1Ar8EcyhOSJZ602TutBwkQ2bevawnbdHVndtgntrr9L7fZSNSeYjK3nr8d%2BgU6hAlZ%2
    "5": "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "6": "server: cloudflare",
    "7": "cf-ray: a27dcbf04f0ffeae-SIN",
    "8": "alt-svc: h3=\":443\"; ma=86400",
    "10": "HTTP/2 200",
    "11": "date: Sat, 08 Aug 2026 10:21:52 GMT",
    "12": "content-type: text/html; charset=utf-8",
    "13": "server: cloudflare",
    "14": "x-powered-by: Next.js",
    "15": "report-to: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=BJ%2BywtsPMDlMjQZ%2BV%2B59%2B%2BLmNMmYls4MGvNewdHN6zAubYuJAHq4xm6%2FIZfy24hAeFaZ%2BG8oc
    "16": "vary: Accept-Encoding",
    "17": "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "18": "x-content-type-options: nosniff",
    "19": "x-frame-options: SAMEORIGIN",
    "20": "referrer-policy: strict-origin-when-cross-origin",
    "21": "permissions-policy: geolocation=(), microphone=(), camera=()",
    "22": "strict-transport-security: max-age=31536000; includeSubDomains",
    "23": "cache-control: public, max-age=0, s-maxage=3600, must-revalidate",
    "24": "age: 1302",
    "25": "cf-cache-status: HIT",
    "26": "cf-ray: a27dcbf09d65a053-SIN",
    "27": "alt-svc: h3=\":443\"; ma=86400"
}
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.007310 0.041204
TCP Connect IPv6 → port 80	301 0.006650 0.039296
TCP Connect IPv4 → port 443	301 0.007392 0.059204
TCP Connect IPv6 → port 443	301 0.006733 0.037499

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
```