

IPv6 Readiness Report

mahsa.edu.my — mahsa.edu.my




Scan to verify

Category: Education • Generated: 04 Jul 2026, 22:12 MYT • Last Checked: 04 Jul 2026, 03:53 MYT • Verification ID: d71bbc8b-c3b9-4e58-818e-1e9387a93c81

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

Audit trail: <https://ipv6.my6.my/audit/d71bbc8b-c3b9-4e58-818e-1e9387a93c81>



Partially Compliant
MGv6C-1.0

77%
Partial Support

IPv6-ONLY READINESS

Website: ✓ Ready

DNS: ✓ Ready

Email: ✗ Not Ready

IPv6 ADDRESSES	IPv4 ADDRESSES
2606:4700:20::ac43:4543	104.26.0.144
2606:4700:20::681a:90	104.26.1.144
2606:4700:20::681a:190	172.67.69.67

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%) 7 / 8			
#	CHECK	RESULT	DETAIL
1	AAAA Record	PASS	2606:4700:20::ac43:4543, 2606:4700:20::681a:90, 2606:4700:20::681a:190
2	Globally Routable IPv6	PASS	All addresses are globally routable.
3	HTTP over IPv6	PASS	HTTP (port 80) responds over IPv6 — 417ms TTFB.
4	HTTPS over IPv6	PASS	HTTPS (port 443) responds over IPv6 — 263ms 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 19 11:27:15 2026 GMT
7	Dual-Stack (IPv4 + IPv6)	PASS	Domain has both A and AAAA records.
8	HTTP/3 (QUIC)	FAIL	No HTTP/3 support 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%)

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: default_domainkey
7	DMARC Record	PASS	DMARC record found.

IPv4 Baseline (15%)

3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	104.26.0.144, 104.26.1.144, 172.67.69.67
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 486ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 284ms TTFB.

Audit Trail & Evidence Record

Verification ID	d71bbc8b-c3b9-4e58-818e-1e9387a93c81
Domain	mahsa.edu.my
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:53:23 MYT
Finished	04 Jul 2026, 03:53:55 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/d71bbc8b-c3b9-4e58-818e-1e9387a93c81

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	73f9bd10ca941c7d861e83402d671feb3fde4e3a3acce2a13a3ce758689c51c
http_headers	fb35eb89aa181eeb1c0b6618fa3e6ea1c24e526147b51bb4a01c641e5c5dfd5
dns_responses	3698103d3d8310437d8352c17372ffc152e7e705b26b1e6a067321c1251d305
tls_handshake	830988b61154ca367d4a6eb51ebd2d92d5ed79718ef91660afae13d6ceeacdd8
connectivity_log	3c86d85adf4fd6b93449ee9e75753b4d64d2930b3e92fc98d4666035cbd809b1
dns_resolution_times	91bba1a4279e1e77b5d738b3a07633963bc70ec8f2a95ff33482b5a68c9343aa

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	8.3.32
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	9.84	10.8	20.03	20.76	+10.2
Google	IPv4	33.02	36.88	21.9	22.52	-11.1
Google	IPv6	31.89	31.94	24.22	35.68	-7.7
Cloudflare	IPv4	10.47	21	12.88	24.42	+2.4
Cloudflare	IPv6	21.98	26.02	26.22	33.55	+4.2

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 5368
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
mahsa.edu.my. 300 IN A 104.26.1.144
mahsa.edu.my. 300 IN A 104.26.0.144
mahsa.edu.my. 300 IN A 172.67.69.67
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 24417
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
edu.my. 3573 IN SOA e.nic.my. hostmaster.nic.my. 2026052753 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 19449
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
mahsa.edu.my. 14400 IN MX 10 mahsa-edu-my.mail.protection.outlook.com.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 35496
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
mahsa.edu.my. 86400 IN NS cody.ns.cloudflare.com.
mahsa.edu.my. 86400 IN NS zara.ns.cloudflare.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 35209
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
mahsa.edu.my. 14400 IN TXT "google-site-verification=T_aDhsw7LVoS7gS" "UMU1WeUFIkA0dRP8Jdfs2Z_K3Yco"
mahsa.edu.my. 14400 IN TXT "google-site-verification=h3pILg2naLFvamf" "bDDmM5AUTKLPtC6s4vED3uhQe72Y"
mahsa.edu.my. 14400 IN TXT "v=spf1 include:spf.protection.outlook.com ~all"
mahsa.edu.my. 14400 IN TXT "MS=ms19423708"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 65156
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
mahsa.edu.my. 300 IN AAAA 2606:4700:20::681a:190
mahsa.edu.my. 300 IN AAAA 2606:4700:20::681a:90
mahsa.edu.my. 300 IN AAAA 2606:4700:20::ac43:4543
```

RRSIG

```
cody.ns.cloudflare.com. dns.cloudflare.com. 2407932597 10000 2400 604800 1800
```

DNSKEY

```
;; Got answer:  
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 64866  
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1  
  
;; OPT PSEUDOSECTION:  
; EDNS: version: 0, flags:; udp: 1232  
;; AUTHORITY SECTION:  
mahsa.edu.my. 1773 IN SOA cody.ns.cloudflare.com. dns.cloudflare.com. 2407932597 10000 2400 604800 1800
```

DNSSEC_VALIDATION

```
; unsigned answer  
mahsa.edu.my. 1773 IN SOA cody.ns.cloudflare.com. dns.cloudflare.com. 2407932597 10000 2400 604800 1800
```


TLS Handshake Evidence

IPV4 Connection

IP Used	104.26.0.144
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 = mahsa.edu.my
verify return:1
CONNECTED(00000010)
...
Certificate chain
0 s:CN = mahsa.edu.my
i:C = US, O = Google Trust Services, CN = WE1
a:PKKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
v:NotBefore: May 21 10:27:19 2026 GMT; NotAfter: Aug 19 11:27:15 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDqDCCA06gAwIBAgIRAMzUtStNTu3GDjpb2Paaoo0wCgYIKoZIzj0EAwIwOZEL
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A1UEAxMvU0x0bW4xMDUyMTUyMjUyMjUyMjUyMjUyMjUyMjUyMjUyMjUyMjUyMjUy
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7dfnLdHEc6REPM2hg2VqNRuJy0e6r26jchX6EXHWZqXbXsLWR0LS9mP006tnxnd
9DC1Ew4LeKs2Zdm07K0CAUwggJRMMA4GA1UdDwEB/wQEAwIHgDATBgNVHSUEDDAK
BggrrBgEFBQcDATAMBgNVHRMBAf8EAjAAMB0GA1UdDgQWBBSBP6D+zyVB7T8WRrN7
0KDuN/MUNtAFBgNVHSMEGDAWgBSQd5I1Z8T/qMyp5nvZgHL7zJP50DBeggrBgEF
BQcBAQR5MFwAwJwYIKwYBBQUHMAAGG2h0dHA6LY9vLnBra55nb29nL3Mvd2UxL3p0
UTAlBggrrBgEFBQcDAoYzHR0cDovL2kucGtpLmdvb2cvd2UxLmNydDAnBgNVHREE
IDAeagxtYWhzY5SLZHUubXmCDioubWfoc2EuZWR1Lm15MBMGA1UdIAQMMAowCAYG
Z4EMAQIBMDYGA1UdHwQvMC0wK6ApoCeGJWh0dHA6LY9jLnBra55nb29nL3dLMS92
N2JBZTB2V2Fzcj5jcmwggEEBggorBgEEAdZSAGQCBIIHBIHyAPAAADQIo8R/x70T
uTVrAT9qehJt4zP0Q6XGRvmXrTl1mR3PmgAAAZ5KSj0WAAAEEAwBGMEQCIBCeX1v9
twY5nc0F08a/PgJ6WeTzGBWnxvHHdM1BR/oAIAmHCuwrQeqfWkkyEXnY0wMsZP
BrxaoIIUoktLpicKXAB3ANDtFRDRp/V3wsfpX9cAv/mCyTNaZeHQswFzF8DIxwL3
AAABnkpKPP0AAAQDAEgwRgIhAJTYuKw00k4JLrtbXswuxzrGmktxqn0m8CKfHv/
h1FRA1EA4wR5mDeyz/4y01EY3e4UIGTqh4NUQ9saxeLj4GMIZBQwYIKoZIzj0E
AwIDSAAwRQIhALDqMc6S/07LCoATQTLdAQRBSXeD0YNiCBK3DG8P88G7AIBsOPRX
KQuD8a7W0eHAsvW7p4Rn9jpRkoQY+YmJXrCw==
-----END CERTIFICATE-----
1 s:C = US, O = Google Trust Services, CN = WE1
i:C = US, O = Google Trust Services LLC, CN = GTS Root R4
a:PKKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA384
v:NotBefore: Dec 13 09:00:00 2023 GMT; NotAfter: Feb 20 14:00:00 2029 GMT
-----BEGIN CERTIFICATE-----
MIICnzCCAiwgAwIBAgIQf/MZd5csIkp2FV0TttaF4zAKBggqhkJOPQDQAzBHM0sw
CQYDVQ0GEwJVUzEiMCAgA1UEChMZR29vZ2x1IFRydXN0IFNlcnZpY2VzIEExMQZEU
MBIGA1UEAxMLRTRIFjv3Q0UjQwHhcnMjMxMjEzMDk2MDAwMjUyMjUyMjUyMjUyMjUy
MDAwWjA7M0swCQYDVQ0GEwJVUzEeMwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZp
Y2VzMQwwCgYDVQ0EwNXRTEwWTATBgqhkJOPQIBggqhkJOPQMBBwNCAARvzTr+
Z1dHTCEDhUDCR127WecPQMFcF4XGGTfn1XzthkubgdnXGh0LCgP4mMTG6J7/EFmP
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avCUHYwWMAyIKwYBBQUHAQEEDAmkCQCcsGAQUFBzAChhhodHRwOi8vaS5wa2ku
Z29vZy9yNC5jcnQwKwYDVR0fBQCQwIjAgoB6gHIYaaHR0cDovL2MucGtpLmdvb2cv
ci9yNC5jcmwEwYDVR0BBAwCjAIBgZng0wBAGwCgYIKoZIzj0EAwMDaAAwZQIX
A0cCq1HW90VznX+0RGU1cxAQXomvtgM8zItPZCuF08jSBJSjz5keR0v9aYsAm5V
sQIwJonMaAFi54mrfhfFNZEfuNMSQ6/bIBiNliyoX46FohQvKeIoJ99cx7sUkFN
7uJw
-----END CERTIFICATE-----
2 s:C = US, O = Google Trust Services LLC, CN = GTS Root R4
i:C = BE, O = GlobalSign nv-sa, OU = Root CA, CN = GlobalSign Root CA
a:PKKEY: id-ecPublicKey, 384 (bit); sigalg: RSA-SHA256
v:NotBefore: Nov 15 03:43:21 2023 GMT; NotAfter: Jan 28 00:00:42 2028 GMT
-----BEGIN CERTIFICATE-----
MIIDeJCCAmKgAwIBAgIQf+UwvzMT077dghYQST2KGzANBggqhkiG9w0BAQsFADBX
M0swCQYDVQ0GEwJCRTEZMBCGA1UEChMQR2xvYmF5U2lnb1BudilzYTEQMA4GA1UE
CxMHUm9vdCBQDTEbMBkGA1UEAxMSR2xvYmF5U2lnb1BSb290IENBMBA4XDTIzMTEx
NTA2NDMyMv0XDTI4MDEyODAwMDA0M0wRZELMAkGA1UEBhMCVVMxIjAcBgNVBAoT
GUdvb2dsZS5SUicnVzdCBTXzJ2aWNLcyBMTEmxZDAsBgNVBAMTC0UyYjUyMjUyMjUy
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WIZLD6GEZQbR3IvJx3PIjGov5cR0R2Ko4H/MIH8MA4GA1UdDwEB/wQEAwIBhAd
BgNVHSUEFjAUBggrrBgEFBQcDAQYIKwYBBQUHAwIwEgYDVROTAQH/BAUwAwEB/zAd
BgNVHQ4EFgQUgEzW63T/STaj1dj8tT7FavCUHYwWMAyIKwYBBQUHMAAGG2h0dHA6
L3Mvd2UxL3p0/8/UsWNgYIKwYBBQUHAQEEDjAomCYGCCsGAQUFBzAChhhodHRw
```



```

Z1dHTCEDhUDCR127WecPQMFcF4XGGTfn1XzthkubgdnXGh0LCgP4mMTG6J7/EFmP
LCaY9eYmJbsPAvpWo4H+MIH7MA4GA1UdDwEB/wQEAWIBhAdBgNVHSUEFjAUBggg
BgEFBQcDAQYIKwYBBQUHAwIwEgYDVR0TAQH/BAGwBgEB/wIBADAdBgNVHQ4EFgQU
kHeSNWfE/6jMqeZ72YB5e8yT+TgwHwYDVR0jBBgwFoAUgEzW63T/STaj1dj8tT7F
avCUHYwWNAyIKwYBBQUHAQEEDAmMCGCCsGAQUFBzAChhhodHRwOi8vaS5wa2Yk
Z29vZy9yNC5jcnQwKwYDVR0fBQCQIjAgoB6GHIYaHR0cDovL2MucGtpLmdvb2cv
ci9yNC5jcmwEwYDVR0gBAwwCjAIBgZngQwBAGwEwCgYIKoZIzj0EAwMDaAAwZQIX
A0cCq1HW900VznX+0RGU1cxAQXomvtgMBzITpZCuF08jSBJJz5keR0v9aYsAm5V
sQIUwJonMaAFi54mrfhf0FNZEfUfNMSQ6/bIBiNLiyoX46FohQvKeIoJ99cx7sUkFN
7uJW
-----END CERTIFICATE-----
2 s:C = US, 0 = Google Trust Services LLC, CN = GTS Root R4
i:C = BE, 0 = GlobalSign nv-sa, OU = Root CA, CN = GlobalSign Root CA
a:PKKEY: id-ecPublicKey, 384 (bit); sigalg: RSA-SHA256
v:NotBefore: Nov 15 03:43:21 2023 GMT; NotAfter: Jan 28 00:00:42 2028 GMT
-----BEGIN CERTIFICATE-----
MIIDejCCAmKgAwIBAgIQf+UwvzMTQ77dghYQST2KGzANBgkqhkiG9w0BAQsFADBX
M0sCQYDVQGEwJCRTZEMBCGA1UEChM0R2xvYmFsU2lnbiBudilzYTEQMA4GA1UE
CxMHUm9vdCBDQTEbMkGA1UEAxMSR2xvYmFsU2lnbiBSb290IENBMB4XDTEzMTEx
NTAzMDMyMVoXDTI4MDEyODAwMDA0M1owRzELMAkGA1UEBhMCMVVMxIjAgBgNVBAoT
GUdub2dsZSBSUcnVzdCBTZXJ2aWNLcyBMTExFMDASBgNVBAMTC0UUYyBSb290IFI0
MHYWEAYHkoZIzj0CAQYFK4EEACIDYgAE83Rzp2iLYK5DuDXFgTB7S0md+8Fhzube
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WIZLD6GEZQbR3IvJx3PIjGov5cSr0R2Ko4H/MIH8MA4GA1UdDwEB/wQEAWIBhAd
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Yy5wa2kuZ29vZy9yL2dzcjEuY3J5SMBMGA1UdIAQMMAowCAYGZ4EMAQIBMA0GCsG
SIB3DQEBcUAA4IBAAYQrsPBtYdh5bjP20BDwmk0WhIDDkic574y04tfzHpn+cJ
odI2D4SseesQ6bDrarZ7C30ddLibZatoKiwS3UL9xnELz4ct92vID24FfVbiI1Hy
+SW6FoVHhNeWIP0GCbaM4C6uVdF5dTUsMVs/ZbzNnIdCp5Gmx5ejvEau8otR/Cs
kGN+hr/W5GvT1tMBjgWKZ1i4//emhA1JG1BbPz0LJQvyEotc03LXjTaCzv8mEbeb
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vepuoxtGzi4CZ68zJpiq1UvSqTbFjtbD4seiMHL
-----END CERTIFICATE-----
---
Server certificate
subject=CN = mahsa.edu.my
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 2827 bytes and written 394 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	104.26.0.144
Connect Time	18.15 ms
TTFB	358.29 ms
Total Time	358.39 ms

Response Headers:

```
{
  "0": "HTTP/1.1 302 Found",
  "1": "Date: Fri, 03 Jul 2026 19:53:53 GMT",
  "2": "Content-Type: text/html; charset=iso-8859-1",
  "3": "Connection: keep-alive",
  "4": "Server: cloudflare",
  "5": "Location: https://mahsa.edu.my/",
  "6": "Nel: {\\"report_to\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
  "7": "Cf-Cache-Status: DYNAMIC",
  "8": "Report-To: {\\"group\\":\\"cf-nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=e6cprvMiuIxSm%2BiBsgyIvxPK3UmwtdGFUwxXUCFIyCsF3v3%2FCjW%2FDxwLjch1W4obpG%2Bm%2FXGxTJf",
  "9": "CF-RAY: a158705fff24601d-SIN",
  "11": "HTTP/2 200",
  "12": "date: Fri, 03 Jul 2026 19:53:54 GMT",
  "13": "content-type: text/html; charset=UTF-8",
  "14": "server: cloudflare",
  "15": "expires: Thu, 19 Nov 1981 08:52:00 GMT",
  "16": "cache-control: no-store, no-cache, must-revalidate",
  "17": "pragma: no-cache",
  "18": "set-cookie: PHPSESSID=36ce8760cb281d1102d4173a8212bb08; path=/",
  "19": "nel: {\\"report_to\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
  "20": "cf-cache-status: DYNAMIC",
  "21": "report-to: {\\"group\\":\\"cf-nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=e5dcwB0T%2BebRPVz4xKUVq%2BxX%2Fkv8t%2Ff0uP1PXGyighAkkkebi0025n%2BairWUQ%2BqZkT4H0Frl",
  "22": "cf-ray: a15870609c4ffc6-SIN"
}
```

IPv6 HTTP (port 80)

HTTP Status	200
Connected IP	2606:4700:20::681a:90
Connect Time	19.21 ms
TTFB	404.23 ms
Total Time	404.33 ms

Response Headers:

```
{
  "0": "HTTP/1.1 302 Found",
  "1": "Date: Fri, 03 Jul 2026 19:53:53 GMT",
  "2": "Content-Type: text/html; charset=iso-8859-1",
  "3": "Connection: keep-alive",
  "4": "Server: cloudflare",
  "5": "Location: https://mahsa.edu.my/",
  "6": "Nel: {\\"report_to\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
  "7": "Cf-Cache-Status: DYNAMIC",
  "8": "Report-To: {\\"group\\":\\"cf-nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=0nuU80Qvv5wKwKYfYz8d6I2i%2B12RF%2FBxAvHh4J8lHUy9KR8LzBge2FVt1%2FsmjE2Z08VtnLPkby9XQ5%2B",
  "9": "CF-RAY: a158705bda996bc9-SIN",
  "11": "HTTP/2 200",
  "12": "date: Fri, 03 Jul 2026 19:53:53 GMT",
  "13": "content-type: text/html; charset=UTF-8",
  "14": "server: cloudflare",
  "15": "expires: Thu, 19 Nov 1981 08:52:00 GMT",
  "16": "cache-control: no-store, no-cache, must-revalidate",
  "17": "pragma: no-cache",
  "18": "set-cookie: PHPSESSID=bc0df6ed81a68878d9dda7695ef03cdb; path=/",
  "19": "nel: {\\"report_to\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
  "20": "cf-cache-status: DYNAMIC",
  "21": "report-to: {\\"group\\":\\"cf-nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=nhuN%2F2FutLfxM5P%2F1zQ0HTTKdcLjn%2FpRecja1cp3D5N0h0betUzo0FQxBGjFWE%2BkFKNRZTS%2B52",
  "22": "cf-ray: a15870609c4ffc6-SIN"
}
```

```
"22": "cf-ray: a158705c8bdbce21-SIN"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	104.26.0.144
Connect Time	7.18 ms
TTFB	250.82 ms
Total Time	250.86 ms

Response Headers:

```
[
  "HTTP/2 200",
  "date: Fri, 03 Jul 2026 19:53:54 GMT",
  "content-type: text/html; charset=UTF-8",
  "server: cloudflare",
  "expires: Thu, 19 Nov 1981 08:52:00 GMT",
  "cache-control: no-store, no-cache, must-revalidate",
  "pragma: no-cache",
  "set-cookie: PHPSESSID=c802a5d5a254823fd08ee81feb94ed7a; path=/",
  "nel: {\"report_to\": \"cf-nel\", \"success_fraction\": 0.0, \"max_age\": 604800}",
  "cf-cache-status: DYNAMIC",
  "report-to: {\"group\": \"cf-nel\", \"max_age\": 604800, \"endpoints\": [{\"url\": \"https://a.nel.cloudflare.com/report/v4?s=YVNejVDp6Aa5s9KQDtCw4iXggos1eU2a9wDIwD6webs%2FofnjHHB9jEqtyfTMK3EPPoGnF8IIjvn3yJtLqM\"}]",
  "cf-ray: a15870624c20c63b-SIN"
]
```

IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2606:4700:20::ac43:4543
Connect Time	7.14 ms
TTFB	255.88 ms
Total Time	255.92 ms

Response Headers:

```
[
  "HTTP/2 200",
  "date: Fri, 03 Jul 2026 19:53:53 GMT",
  "content-type: text/html; charset=UTF-8",
  "server: cloudflare",
  "expires: Thu, 19 Nov 1981 08:52:00 GMT",
  "cache-control: no-store, no-cache, must-revalidate",
  "pragma: no-cache",
  "set-cookie: PHPSESSID=dc20dab9c85dd3e1eec5063fd4074078; path=/",
  "nel: {\"report_to\": \"cf-nel\", \"success_fraction\": 0.0, \"max_age\": 604800}",
  "cf-cache-status: DYNAMIC",
  "report-to: {\"group\": \"cf-nel\", \"max_age\": 604800, \"endpoints\": [{\"url\": \"https://a.nel.cloudflare.com/report/v4?s=7%2FRl%2BJwJow5rtAqGpFq8TKTqB8q1vPi4m0H76eT0u9k7eiSSemxaLtnYXtE36V5TIhB3bI0kFf1nLnBcDM\"}]",
  "cf-ray: a158705e79fa4490-SIN"
]
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	302 0.007720 0.047754
TCP Connect IPv6 → port 80	302 0.008621 0.071909
TCP Connect IPv4 → port 443	200 0.007310 0.254314
TCP Connect IPv6 → port 443	200 0.008000 0.243293

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
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
```