

IPv6 Readiness Report

hmetro.com.my — hmetro.com.my




Scan to verify

Category: News Portal • Generated: 04 Jul 2026, 22:22 MYT • Last Checked: 04 Jul 2026, 03:28 MYT • Verification ID: 83d1aa77-ca56-49df-9e58-0f1d19135b19

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

Audit trail: <https://ipv6.my6.my/audit/83d1aa77-ca56-49df-9e58-0f1d19135b19>

 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::6812:187a
2606:4700::6812:197a

IPV4 ADDRESSES

35.186.241.124

Network Information (WHOIS / RDAP)

	IPv6 Network	IPv4 Network
Organization	Cloudflare, Inc.	Google LLC
Country	US	US
ASN	AS13335	AS396982
ASN Name	CLOUDFLARENET - Cloudflare, Inc., US	GOOGLE-CLOUD-PLATFORM - Google LLC, US
Network (CIDR)	2606:4700::/32	35.184.0.0/13

Web Services (35%)				8 / 8
#	CHECK	RESULT	DETAIL	
1	AAAA Record	PASS	2606:4700::6812:187a, 2606:4700::6812:197a	
2	Globally Routable IPv6	PASS	All addresses are globally routable.	
3	HTTP over IPv6	PASS	HTTP (port 80) responds over IPv6.	
4	HTTPS over IPv6	PASS	HTTPS (port 443) responds over IPv6 — 92ms 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 17 05:26:36 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%) 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	35.186.241.124
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 40ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 53ms TTFB.

Audit Trail & Evidence Record

Verification ID	83d1aa77-ca56-49df-9e58-0f1d19135b19
Domain	hmetro.com.my
Check Mode	Scheduled
Status	Completed
Started	04 Jul 2026, 03:27:18 MYT
Finished	04 Jul 2026, 03:28:11 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/83d1aa77-ca56-49df-9e58-0f1d19135b19

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	a90d786c1aaa4fe4b5988c1eb867401946ef8fce29d2a9bc98ccad6365914026
http_headers	7d6520f73eb69d6529b0916163d3d253838862a6ab6b4fd9cb8287507230c0f4
dns_responses	91af756214e1d4d071a072f4108f0dc809c8f7414712fca17b3e5ee831898102
tls_handshake	d657858850d1da55b36535aea24588fd367c76b42c096824d3cac74dd3c97ded
connectivity_log	d9dfe0c0f494e8b71a3796bcab253fcd422292e45b4de64cba3a3fb3523f584f
dns_resolution_times	1cd53c4754fd299ef024de3ffe4be387162c4e23a526e86e099b57bb99c1f70d

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	10.64	22.22	24.22	25.83	+13.6
Google	IPv4	22.62	25.95	25.3	29.44	+2.7
Google	IPv6	20.55	32.74	30.12	30.39	+9.6
Cloudflare	IPv4	12.45	22.37	14.76	26.51	+2.3
Cloudflare	IPv6	21.31	107.44	17.86	22.72	-3.5

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 34390
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
hmetro.com.my. 300 IN A 35.186.241.124
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 63691
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 2088 IN SOA e.nic.my. hostmaster.nic.my. 2026052750 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 28721
;; flags: qr rd ra; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

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

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 21882
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
hmetro.com.my. 21600 IN NS ns-cloud-c4.googledomains.com.
hmetro.com.my. 21600 IN NS ns-cloud-c1.googledomains.com.
hmetro.com.my. 21600 IN NS ns-cloud-c3.googledomains.com.
hmetro.com.my. 21600 IN NS ns-cloud-c2.googledomains.com.
```

TXT

```
;; Truncated, retrying in TCP mode.
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 17090
;; flags: qr rd ra; QUERY: 1, ANSWER: 18, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
hmetro.com.my. 300 IN TXT "workplace-domain-verification=NGZDcTEmdHA1duaksqJ89ZbaIqcg3"
hmetro.com.my. 300 IN TXT "knowbe4-site-verification=85754b622d39b55681a28a12ea584aff"
hmetro.com.my. 300 IN TXT "facebook-domain-verification=vp80fpkrl88rtj2aln73pi6uttdqaa"
hmetro.com.my. 300 IN TXT "google-site-verification=2TWSVWt0dMYUzj7vNxQy6z18eroAt97NW3-tu16PVA"
hmetro.com.my. 300 IN TXT "google-site-verification=drF09mj5gy2pJYL31eNa_mu6dBaLqGPws8Iu2k-0UCs"
hmetro.com.my. 300 IN TXT "I6ovDNR+cy6d7JTK62iISSWR5S4Sj7R6KETfLEHYS19Bi4LCNZAbsSuWE3he8n/L0sgvCN/JxLPMV/ZI4cUvsw=="
hmetro.com.my. 300 IN TXT "google-site-verification=OD7LmCLiy7wMTsp4GiLwPQ8MXCiz-wUleP4h4HjtJW8"
hmetro.com.my. 300 IN TXT "adobe-idp-site-verification=a8e5385c-6f7a-4ed4-87f1-b1c9ee921f34"
hmetro.com.my. 300 IN TXT "dailymotion-domain-verification=dm3erdgtgq92hyny0m"
hmetro.com.my. 300 IN TXT "google-site-verification=GfB13ymhwYGG_6S8JAJURo9715wTdBP15RtdVEaCjWw"
hmetro.com.my. 300 IN TXT "google-site-verification=gqfwhv5Z15xDbz54K5u2g2pr4NLoQ7nH3oHvBmfzAFQ"
hmetro.com.my. 300 IN TXT "ppe-85d935e15af1723e936a54318517073435e2a96d"
hmetro.com.my. 300 IN TXT "MS=ms78723063"
hmetro.com.my. 300 IN TXT "google-site-verification=_XXyiK-65c9UhSHLGpa2NV7JdKjYYq5KHJk3usN7Y"
hmetro.com.my. 300 IN TXT "v=spf1 include:_spf.google.com ~all"
```

```
hmetro.com.my.[]300[]IN[]TXT[]"google-site-verification=c9uAdjIgjHt-HFQ6fq_1Ht76ayWH3jhVjTmKmnReE"  
hmetro.com.my.[]300[]IN[]TXT[]"google-site-verification=PbGqcN-95B4I0XpGCaCSwQ9iq0kyZ0JQ3ocVqmaEzqM"  
hmetro.com.my.[]300[]IN[]TXT[]"google-site-verification=V9xjtl352SagxUidN54_f8lXGvk3yCAi_rUA2KYfwNs"
```

AAAA

```
;; Got answer:  
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 5060  
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1  
  
;; OPT PSEUDOSECTION:  
; EDNS: version: 0, flags:; udp: 1232  
;; AUTHORITY SECTION:  
hmetro.com.my.[]249[]IN[]SOA[]ns-cloud-c1.googledomains.com. cloud-dns-hostmaster.google.com. 2 21600 3600 259200 300
```

RRSIG

```
ns-cloud-c1.googledomains.com. cloud-dns-hostmaster.google.com. 2 21600 3600 259200 300
```

DNSKEY

```
;; Got answer:  
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 41288  
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1  
  
;; OPT PSEUDOSECTION:  
; EDNS: version: 0, flags:; udp: 1232  
;; AUTHORITY SECTION:  
hmetro.com.my.[]249[]IN[]SOA[]ns-cloud-c1.googledomains.com. cloud-dns-hostmaster.google.com. 2 21600 3600 259200 300
```

DNSSEC_VALIDATION

```
; unsigned answer  
hmetro.com.my.[]21549[]IN[]SOA[]ns-cloud-c1.googledomains.com. cloud-dns-hostmaster.google.com. 2 21600 3600 259200 300
```



```

40Ri8kMRpnL8UEjKnbDw9KL1eYbEC3D0GPue2Yk2AGhxkcmcdm1Bo0p05kYw/Nnqg
h7QV8KYBTUHbjH0pXLL10sSOY+C1h1eTM+Do6rSjgGnDQeUXylZmPCmuveaw38I
VnBaaEiz6pngZ1u60e0/1UzfhmyTm0n0G+9JZ3KS2Mq08isNgXHLnhLHJaphE=
-----END CERTIFICATE-----
2 s:C = US, 0 = Google Trust Services LLC, CN = GTS Root R1
i:C = BE, 0 = GlobalSign nv-sa, OU = Root CA, CN = GlobalSign Root CA
a:PKKEY: rsaEncryption, 4096 (bit); sigalg: RSA-SHA256
v:NotBefore: Jun 19 00:00:42 2020 GMT; NotAfter: Jan 28 00:00:42 2028 GMT
-----BEGIN CERTIFICATE-----
MIFjYjCCBEqgAwIBAgIQd70NbnS2+RrQIQ/E8FjTDTANBqkqhkIG9w0BAQsFADBX
M0sCQYDVQQGEwJCRTEZMBCGA1UECHMQR2xvYmFsU2lnbiBudi1zYTEQMA4GA1UE
CxMhUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnbiBSb290IENBMBA4XDTIwMDYx
OTAwMDA0M1oXDTI4MDEyODAwMDA0M1owRzZELMakGA1UEBhMCMVVMxIjAgBgNVBAoT
Gudvb2dsZS5BUcnVzdCBTZjJ2aWNLcyBMTEMxZDASBgNVBAMTC0dUUYBSb290IFIX
MIIICjANBgkqhkiG9w0BAQEFAAOCAg8AMIICCGKCAgEAtHECix7joxEbo09y/LD63
ladAPKH9gvl9MgaCcfb2jh/76Nu8ai6X160MS/kr9rH5zoQdsfnF197vufKj6bwS
iV6nqLKr+CMny6SxnGPb15l+8Ape62im9MZAarwINEDPjTrEto8gYbEvs/AmQ351k
KSUjB6G00j0uYODP0gmHu81I8E3CwnqIiru6z1kZ1q+PsAewnJHxgsHA3y6mbWwZ
DrXYfiYaRQm9sHmkLCitD38m5agI/pboPGiUU+6D0ogrFZYJsuB6jC51lpzrp1Zk
j5ZPaK4918KEj8C8QMALXL32h7M1bKwYUH+E4EzNktMg6T08UpmvMrUpsyUqtEj5
cuHKZPFmghCN6J3Cioj60GaK/GP5Afl4/Xtcd/p2h/rs37E0eZVXtL0m79YB0esW
CruQC7XFxYpVq90s6pFLKcwZpDILLtirxZUTQAs6qzkM06p98g7BAe+dQq6ds0499
iYH6TKX/1Y7DzkgvtdizjKXpdsDtQcV9Uw+wp9U7DbGkogPeMa3Md+pvez7W35Ei
Eua++tgy/BBjFFfy3L3WfP09KwGz7zpm7AekJt8T11dLeCfeXkkUAIAf5qoIbap
sZwWpbkNFhHax2xIPEDgfg1azVY80ZcFuctL7TLnMQ/0LUTbiSw1nH69MG6z00b
9f6BQdgAmD06yK56mDcYBZUCAwEAACATgwgwE0MA4GA1UdDwEB/wQEAwIBhJAP
BgnVHRMBAf8EBTADAQH/MB0GA1UdDgQWBTKrYsmcRorSCeFL1JmL0/wiRNxPjAf
BgNVHSMEGDAwBGRge2YaRQ2XyoLQL30EzTS0//z9SgBgbggrBgEFBQcBAQRUMFIw

```

IPv6 Connection

IP Used	2606:4700::6812:187a
IP Version	6

```

depth=2 C = US, 0 = Google Trust Services LLC, CN = GTS Root R4
verify return:1
depth=1 C = US, 0 = Google Trust Services, CN = WE1
verify return:1
depth=0 CN = hmetro.com.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
0 s:CN = hmetro.com.my
i:C = US, 0 = Google Trust Services, CN = WE1
a:PKKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
v:NotBefore: Jun 19 04:26:59 2026 GMT; NotAfter: Sep 17 05:26:36 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDGjCCAYegAwIBAgIQBKGH9uZrCE0e4q34k0/sTAKBggqhkjOPQDAjA7M0sw
CQYDVQQGEwJVUzEeMBwGA1UECHMVR29vZ2x1IFRydXN0IFNlcnZpY2VzMQwwCgYD
VQ0EWNXRTEwHhcnMjYwNjE5MDQyNjU5WmcNMjYwOTE3MDUyNjM2WjAYMRyWFAyD
VQ0EwIobWV0cm8uY29tLm15MFkwEwYHKoZIzj0CAQYIKoZIzj0DAQcDQgAEwxfH
DeSseyHNRDufoTjaJT45L2hChtu8zYI82A7eGuLNLvLQm/Ch1Px5DKFF75uHQzj
RKLvR2igZU+x6PY87K0CAi4wggIQMA4GA1UdDwEB/wQEAwIHgDATBgnVHSMUEDDAK
BggqBgEFBQcDATAMBgnVHRMBAf8EAjAAMB0GA1UdDgQWBTeapBVV0psdorUYq8M
S5jDSaNe4dAfBgNVHSMEGDAwBSQd5I1Z8T/qMyP5nvZgHl7zJP50DA1BgggRgEF
B0cBAQQPmCcwJQYIKwYBBQUHMAKGGw0dHA6Ly9pLnBra5nB29nL3dLMS5jcnQw
KQYDVRR0BRCiWIIINaG1ldHJvLmNvb55teYIPki5obWV0cm8uY29tLm15MBMGA1Ud
IAQMMAAowCAYGZ4EMAQIBMDYGA1UdHwQVc0wK6ApoCeGJWh0dHA6Ly9pLnBra5n
b29nL3dLMS5G0V1UHh5ME0yTS5jcmwwgEEBgorBgEAdZ5AgQCBIIH1BIHyAPAA
dgyCYU7LE96/8gWGW+UT4WrsPj8XodVjg8V0S5yu0VLF4AAAZ7eWMOBAAAEAwBH
MEUCIGMHVvqKBYsX+Rg+ACak10SRcmk0m0459r92Z7mFmjsnAiEAgBdw/gNyGDzB
07GBHHmes0Putaptr+qV5DzVhrb18wAdgCvZ4g7V7B03Y+m2X72Lqjrg0rHcWDW
JF5V1gwv54WH0gAAA7eWMOVAAAEAwBHMEUCIQc+5eMLbFLyJiJug50fyNhChJZMo
tjiIPx711ko2Tt2xQAIGr/tK3+NznPcoGfgTBaCzfbAg+btGtVm/TMx5Ld1Q304W
CgYIKoZIzj0EAwIDSQAwRgIhAKU7PetLUKJACH0c0t3DN3ke+u0hIMko9yoNiupd
69ugAiEA6MZSTR8IqsUvW7nduHZCuZLLD+CjDpXhg50YGQ3Gc=
-----END CERTIFICATE-----
1 s:C = US, 0 = Google Trust Services, CN = WE1
i:C = US, 0 = 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/MZd5csIkp2FV0TtfaF4zAKBggqhkjOPQDAzBHM0sw
CQYDVQQGEwJVUzEiMCAgA1UECHMZR29vZ2x1IFRydXN0IFNlcnZpY2VzIEExMQsw
MBIGA1UEAxMLRTI1RTI1RTI1RTI1RTI1RTI1RTI1RTI1RTI1RTI1RTI1RTI1RTI1
MDAwMjAgBgNVBAMTAgEwIjAgBgNVBAoTAgEwIjAgBgNVBAMTAgEwIjAgBgNVBAMT
Y2VzMQwwCgYDVQQGEwNXRTEwHhcnMjYwNjE5MDQyNjU5WmcNMjYwOTE3MDUyNjM2
WjAYMRyWFAyDQgYIKoZIzj0EAwIDSQAwRgIhAKU7PetLUKJACH0c0t3DN3ke+u0hIMko9yoNiupd
Z1dHTCEDhUDCR127WecPQMFcF4XGGTfn1XzthkubgdngXGh0LcGp4mMTG6J7/EFmP

```

```

LCaY9eYmJbsPAvpWo4H+MIH7MA4GA1UdDwEB/wQEAwIBhjAdBgNVHSUEFjAUBgggr
BgEFBQcDAQYIKwYBBQUHAWIwEgYDVR0TAQH/BAgwBgEB/wIBADAdBgNVHQ4EFgQU
kHeSNwFE/6jMqeZ72YB5e8yT+TgwHwYDVR0jBBgwFoAUgEzW63T/STaj1dj8tT7F
avCUHYwNAYIKwYBBQUHAQEEDAmcCQCcsGAQUFBzACChhodHRwOi8vaS5wa2ku
Z29vZy9yNC5jcnQwKwYDVR0fBQCwIjAgoB6gHIYaaHR0cDovL2MucGtpLmdvb2cv
ci9yNC5jcmwwEwYDVR0gBAwwCjAIBGZngQwBAGwEwCgYIKoZizj0EAwMDaAAwZQIX
A0cCq1HW90VznX+0RGUJLcxAQXomvtgM8zITPZCUF08jSBJ5jz5keR0v9aYsAm5V
sQIwJonMaAFi54mrfhf0FNZEfuNMQS06/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+UwvzMTQ77dghyQST2KGzANBqkqkhiG9w0BAQsFADBX
M0swCQYDVQGEwJCRTEZMBCGA1UEChMQR2xvYmFsU2lnbiBudIzYTEQMA4GA1UE
CxMHUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnbiBSb290IENBMB4XDTEzMTEx
NTAzNDMyMVoXDTI4MDEyODAwMDA0MlowRzELMAkGA1UEBhMCVVMxIjAgBgNVBAoT
Gldvb2dsZSBUCnVzdCBTZXJ2aWNlcyBMTExmFDASBgNVBAMTC0UUYyBSb290IFI0
MHYwEAYHKoZIzj0CAQYFK4EEACIDYgAE83Rzp2iLYK5DuDXFgTB750md+8Fhzube
Rr1r1WEYNa5A3XP3iZEWus87oV8okB206nGuEfyKueSkWpZ6bFy0Z8pn6KY019e
WIZLD6GEZQbR3IvJx3PIjGov5cSr0R2Ko4H/MIH8MA4GA1UdDwEB/wQEAwIBhjAd
BgNVHSUEFjAUBgggrBgEFBQcDAQYIKwYBBQUHAWIwDwYDVR0TAQH/BAUwAwEB/zAd
BgNVHQ4EFgQUgEzW63T/STaj1dj8tT7FavCUHYwHwYDVR0jBBgwFoAUyHtmGKUN
l8qJUC99BM00pP/8/UsWNgYIKwYBBQUHAQEEDjAoMCYGCCsGAQUFBzACChpodHRw
Oi8vaS5wa2kuZ29vZy9yNC5jcnQwKwYDVR0fBQCwIjAgoB6gHIYaaHR0cDovL2MucGtp
Lmdvb2cvci9yNC5jcmwwEwYDVR0gBAwwCjAIBGZngQwBAGwEwCgYIKoZizj0EAwMDaAAwZQIX
A0cCq1HW90VznX+0RGUJLcxAQXomvtgM8zITPZCUF08jSBJ5jz5keR0v9aYsAm5V
sQIwJonMaAFi54mrfhf0FNZEfuNMQS06/bIBiNliyoX46FohQvKeIoJ99cx7sUkFN
7uJW
-----END CERTIFICATE-----
---
Server certificate
subject=CN = hmetro.com.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 2789 bytes and written 395 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
Early data was not sent

```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	104.18.25.122
Connect Time	13.91 ms
TTFB	41.02 ms
Total Time	41.12 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Server: nginx/1.18.0 (Ubuntu)",
  "2": "Date: Fri, 03 Jul 2026 19:28:11 GMT",
  "3": "Content-Type: text/html",
  "4": "Content-Length: 178",
  "5": "Location: https://www.hmetro.com.my/",
  "6": "Via: 1.1 google",
  "8": "HTTP/2 200",
  "9": "date: Fri, 03 Jul 2026 19:28:11 GMT",
  "10": "content-type: text/html; charset=UTF-8",
  "11": "server: cloudflare",
  "12": "set-cookie: __cf_bm=9tDYEta_I2WXkrB080JGaQGtRyhFaruTh5mSXky3wBo-1783106891.6994417-1.0.1.1-nvCF5hLq0gfjyR8oJMGWx0dD7EpWvjhcSj0A7aVbfbzo20hJbYUvg1_QoLZ5o3PdkCFddaGNEdRBEUW1.205Ly8JEt7RfPqmWJLlTj8Ab_K8oEXK7cJX0jKYnnwS_4; HttpOnly; Secure; Path=/; Domain=hmetro.com.my; Expires=Fri, 03 Jul 2026 19:58:11 GMT",
  "13": "cache-control: public, max-age=30",
  "14": "alt-svc: h3=\":443\"; ma=86400",
  "15": "x-frame-options: allow-from http://digital.nstp.com.my/",
  "16": "x-xss-protection: 1; mode=block",
  "17": "x-content-type-options: nosniff",
  "18": "strict-transport-security: max-age=31536000; includeSubDomains; preload",
  "19": "referrer-policy: strict-origin-when-cross-origin",
  "20": "via: 1.1 google",
  "21": "vary: accept-encoding",
  "22": "age: 24",
  "23": "last-modified: Fri, 03 Jul 2026 19:27:47 GMT",
  "24": "expires: Fri, 03 Jul 2026 19:28:41 GMT",
  "25": "cf-cache-status: HIT",
  "26": "speculation-rules: \"/cdn-cgi/speculation\"",
  "27": "cf-ray: a1584ab91a65f004-KUL"
}
```

IPv6 HTTP (port 80)

HTTP Status	301
Connected IP	2606:4700::6812:187a
Connect Time	1.28 ms
TTFB	6.76 ms
Total Time	8.39 ms
Error	Could not resolve host: hmetro.com.my

Response Headers:

```
{
  "HTTP/1.1 301 Moved Permanently",
  "Date: Fri, 03 Jul 2026 19:28:11 GMT",
  "Content-Type: text/html; charset=UTF-8",
  "Connection: keep-alive",
  "Location: https://hmetro.com.my/",
  "X-Content-Type-Options: nosniff",
  "Speculation-Rules: \"/cdn-cgi/speculation\"",
  "set-cookie: __cf_bm=u5V8H5EaZGEIVsrZJnax5wGcLEhTckaJ.zglGwkq04I-1783106891.5462554-1.0.1.1-Ktretxvd64DBVKHwEwqquwf.IiAIX6tErHbasqu5YmU_7UJgol8caGp8wnw55kTuqDjFpaKYQpCrzi.9fy0UImlos_4hcLCiyDgTj90rwsIZTrhoi81cdDwxGaPdYqzb; HttpOnly; Path=; Domain=hmetro.com.my; Expires=Fri, 03 Jul 2026 19:58:11 GMT",
  "Referrer-Policy: strict-origin-when-cross-origin",
  "X-Frame-Options: allow-from http://digital.nstp.com.my/",
  "Server: cloudflare",
  "CF-RAY: a1584ab829b13cd8-KUL",
  "alt-svc: h3=\":443\"; ma=86400"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	104.18.25.122
Connect Time	14.8 ms
TTFB	53.57 ms
Total Time	53.66 ms

Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "server: nginx/1.18.0 (Ubuntu)",
  "2": "date: Fri, 03 Jul 2026 19:28:11 GMT",
  "3": "content-type: text/html",
  "4": "content-length: 178",
  "5": "location: https://www.hmetro.com.my/",
  "6": "via: 1.1 google",
  "7": "alt-svc: h3=\":443\"; ma=2592000",
  "9": "HTTP/2 200",
  "10": "date: Fri, 03 Jul 2026 19:28:11 GMT",
  "11": "content-type: text/html; charset=UTF-8",
  "12": "server: cloudflare",
  "13": "set-cookie: __cf_bm=6oWcbskA4nn0IdEfZIE9QUUv108VQoNKluebFh7ru.I-1783106891.7535682-1.0.1.1-3tZ.2_geTJNZHLf9eF3Nx9LBTXbZzvJuRY076jKpRW0psDgHQD6MwFR91xgSRyLi37f5nYyUd4mVh9rL3kGd0sKAU_W6y4FESGyX.mRpcDqZ.XjX0nazUThHp3tTb7t; HttpOnly; Secure; Path=/; Domain=hmetro.com.my; Expires=Fri, 03 Jul 2026 19:58:11 GMT",
  "14": "cache-control: public, max-age=30",
  "15": "alt-svc: h3=\":443\"; ma=86400",
  "16": "x-frame-options: allow-from http://digital.nstp.com.my/",
  "17": "x-xss-protection: 1; mode=block",
  "18": "x-content-type-options: nosniff",
  "19": "strict-transport-security: max-age=31536000; includeSubDomains; preload",
  "20": "referrer-policy: strict-origin-when-cross-origin",
  "21": "via: 1.1 google",
  "22": "vary: accept-encoding",
  "23": "age: 24",
  "24": "last-modified: Fri, 03 Jul 2026 19:27:47 GMT",
  "25": "expires: Fri, 03 Jul 2026 19:28:41 GMT",
  "26": "cf-cache-status: HIT",
  "27": "speculation-rules: \"/cdn-cgi/speculation\"",
  "28": "cf-ray: a1584ab97b3297fa-KUL"
}
```

IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2606:4700::6812:197a
Connect Time	19.82 ms
TTFB	111.02 ms
Total Time	111.13 ms

Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "date: Fri, 03 Jul 2026 19:28:11 GMT",
  "2": "content-type: text/html",
  "3": "location: https://www.hmetro.com.my/",
  "4": "server: cloudflare",
  "5": "via: 1.1 google",
  "6": "alt-svc: h3=\":443\"; ma=86400",
  "7": "cf-cache-status: DYNAMIC",
  "8": "strict-transport-security: max-age=31536000; includeSubDomains; preload",
  "9": "x-content-type-options: nosniff",
  "10": "speculation-rules: \"/cdn-cgi/speculation\"",
  "11": "set-cookie: __cf_bm=QDm01JGt61_ZovtS9kLCLDWhzxp7hiB4SKytZtr_6zE-1783106891.592273-1.0.1.1-fY6PBpUe_M_bLMPgrfXt3KtVAE.1JHykSw_hBGRDN2GDeYik4_7o7DtBMeWuWmCiZosELOi89G4YFNFD0uZl3MedQbAu0kHlEdlaZKcobY4RzgGmDsjMAYcDKUuE; HttpOnly; Secure; Path=/; Domain=hmetro.com.my; Expires=Fri, 03 Jul 2026 19:58:11 GMT",
  "12": "referrer-policy: strict-origin-when-cross-origin",
  "13": "x-frame-options: allow-from http://digital.nstp.com.my/",
  "14": "cf-ray: a1584ab87b183dbf-SIN",
  "16": "HTTP/2 200",
  "17": "date: Fri, 03 Jul 2026 19:28:11 GMT",
  "18": "content-type: text/html; charset=UTF-8",
}
```

```

"19": "server: cloudflare",
"20": "set-cookie: __cf_bm=lKka3x0BilyS59CBfkmHwGCPNAt09CsilcL30rPvgBE-1783106891.654215-1.0.1.1-f59WbJgxmNLk28KvDk6FKAuFhVHNkmXBwh7U6yKSkHuo4yzirIHZXz9HZf7F0Da_GoG2pYeECI.Q4NyXum83bghjrGLNZ03UTibC1yd7RUiExGVMnEeuK4gZLmh.GkZ_; HttpOnly; Secure; Path=/; Domain=hmetro.com.my; Expires=Fri, 03 Jul 2026 19:58:11 GMT",
"21": "cache-control: public, max-age=30",
"22": "alt-svc: h3=\":443\"; ma=86400",
"23": "x-frame-options: allow-from http://digital.nstp.com.my/",
"24": "x-xss-protection: 1; mode=block",
"25": "x-content-type-options: nosniff",
"26": "strict-transport-security: max-age=31536000; includeSubDomains; preload",
"27": "referrer-policy: strict-origin-when-cross-origin",
"28": "via: 1.1 google",
"29": "age: 24",
"30": "last-modified: Fri, 03 Jul 2026 19:27:47 GMT",
"31": "expires: Fri, 03 Jul 2026 19:28:41 GMT",
"32": "cf-cache-status: HIT",
"33": "speculation-rules: \"/cdn-cgi/speculation\"",
"34": "vary: accept-encoding",
"35": "cf-ray: a1584ab8da8ald6d-SIN"
}
    
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.009956 0.022808
TCP Connect IPv6 → port 80	301 0.002394 0.008796
TCP Connect IPv4 → port 443	301 0.011482 0.044661
TCP Connect IPv6 → port 443	301 0.001248 0.039924

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
    
```