IPv6 Readiness Report

hmetro.com.my — hmetro.com.my

Scan to verify

Category: News Portal • Generated: 02 Nov 2026, 03:12 MYT • Last Checked: 08 Aug 2026, 18:21 MYT • Verification ID: baf18062-d0df-473d-822f-484d298696e4
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/baf18062-d0df-473d-822f-484d298696e4

✓
Compliant
MGv6C-1.0

90%
Fully IPv6 Ready

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

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 — 119ms 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%) — 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	35.186.241.124
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 42ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 43ms TTFB.

Audit Trail & Evidence Record

Verification ID	baf18062-d0df-473d-822f-484d298696e4
Domain	hmetro.com.my
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:21:40 MYT
Finished	08 Aug 2026, 18:21:46 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/baf18062-d0df-473d-822f-484d298696e4

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	ecfb38ecc4e3b74d54cd2a0f7d385ead06208d32590608da671d0cc93d8710c5
http_headers	c162f221621b9ecd6c432b414d4ed5c02a33ee53a6bef81fdf4d5ec3cddc44eb
dns_responses	f65e461f0fa707d3c09c55ef131b77c32f539954efa115d511d08f5104ac06fa
tls_handshake	61439a6017b5a4bf0d7630be02dc2bbfa093c34942fb645cf4ad17cb97893ccf
connectivity_log	729f381d41a150cdd54e75ce2d780b0745558c3dfa8ad9d3a57889583dc4440e
dns_resolution_times	31a6df5006b7f94d3b3601363fedbe8af6f7c7593336d2c02bfc3675087af517

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	23.5	24.69	12.24	21.68	-11.3
Google	IPv4	98.49	100.25	94.61	95.06	-3.9
Google	IPv6	85.72	99.27	89.87	103.57	+4.2
Cloudflare	IPv4	22.12	22.21	19.4	26.01	-2.7
Cloudflare	IPv6	29.95	30.74	34.22	42.08	+4.3

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 61953
;; 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: 18537
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my.□□□3582□IN□SOA□e.nic.my. hostmaster.nic.my. 2026062862 1800 900 604800 3600
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 32085
;; 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□5 alt1.aspmx.l.google.com.
hmetro.com.my.□□300□IN□MX□10 alt4.aspmx.l.google.com.
hmetro.com.my.□□300□IN□MX□5 alt2.aspmx.l.google.com.
hmetro.com.my.□□300□IN□MX□1 aspmx.l.google.com.
hmetro.com.my.□□300□IN□MX□10 alt3.aspmx.l.google.com.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 58320
;; 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-c1.googledomains.com.
hmetro.com.my.□□21600□IN□NS□ns-cloud-c3.googledomains.com.
hmetro.com.my.□□21600□IN□NS□ns-cloud-c4.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: 51147
;; 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□"v=spf1 include:_spf.google.com ~all"
hmetro.com.my.□□300□IN□TXT□"google-site-verification=gqfWhv5Z15xDbzS4K5u2g2pr4NloQ7nH3oHvBmfzAfQ"
hmetro.com.my.□□300□IN□TXT□"google-site-verification=GfB13ymhwYGG_6S8JAjURo9715wTdBP15RtdVEaCjWw"
hmetro.com.my.□□300□IN□TXT□"google-site-verification=drFQ9mj5gy2pJYl31eNa_mu6dBaLqGPws8Iu2k-OUCs"
hmetro.com.my.□□300□IN□TXT□"google-site-verification=2TWSVWTOdMYUzMj7vNxQy6z18eroAt97NW3-tu16PVA"
hmetro.com.my.□□300□IN□TXT□"google-site-verification=_XXyiK-65c9UhSHLGpa2NV7VJdkYYYqh5KHJk3usN7Y"
hmetro.com.my.□□300□IN□TXT□"ppe-85d935e15af1723e936a54318517073435e2a96d"
hmetro.com.my.□□300□IN□TXT□"google-site-verification=V9xjtl352SagxUidN54_f8lXGvk3yCAi_rUA2KYfwNs"
hmetro.com.my.□□300□IN□TXT□"google-site-verification=PbGqcN-95B4I0XpGCaCSwQ9iqOkyZOJQ3ocVqmaEzqM"
hmetro.com.my.□□300□IN□TXT□"knowbe4-site-verification=85754b622d39b55681a28a12ea584aff"
hmetro.com.my.□□300□IN□TXT□"google-site-verification=OD7lmCLiy7wMTsp4GiLwPQ8MXCiz-wUleP4h4HjtJW8"
hmetro.com.my.□□300□IN□TXT□"workplace-domain-verification=NGZDcTEmddHA1duaksqJ89ZbaIqcg3"
hmetro.com.my.□□300□IN□TXT□"dailymotion-domain-verification=dm3erdtgq92hyny0m"
hmetro.com.my.□□300□IN□TXT□"google-site-verification=c9uAdjIgJhT-HFQ6fq_1Ht76ayWWH3jhVjTmKmnnReE"
hmetro.com.my.□□300□IN□TXT□"I6ovDNR+cy6d7JTK62iISSWR5S4SJ7R6KETflEHYS19Bi4lCNZAbsSuWE3he8n/L0sgvCN/JxLPMV/ZI4cUvsw=="
```

```
hmetro.com.my.□□300□IN□TXT□"adobe-idp-site-verification=a8e5385c-6f7a-4ed4-87f1-b1c9ee921f34"
hmetro.com.my.□□300□IN□TXT□"facebook-domain-verification=vp80fpkrl88rtj2aln73pi6uttdqaq"
hmetro.com.my.□□300□IN□TXT□"MS=ms78723063"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 20050
;; 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.□□297□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: 64235
;; 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.□□297□IN□SOA□ns-cloud-c1.googledomains.com. cloud-dns-hostmaster.google.com. 2 21600 3600 259200 300
```

DNSSEC_VALIDATION

```
; unsigned answer
hmetro.com.my.□□21597□IN□SOA□ns-cloud-c1.googledomains.com. cloud-dns-hostmaster.google.com. 2 21600 3600 259200 300
```

TLS Handshake Evidence

IPV4 Connection

IP Used	35.186.241.124
IP Version	4

```
depth=2 C = US, O = Google Trust Services LLC, CN = GTS Root R1
verify return:1
depth=1 C = US, O = Google Trust Services, CN = WR3
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, O = Google Trust Services, CN = WR3
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Jul  2 00:02:28 2026 GMT; NotAfter: Sep 30 00:56:22 2026 GMT
-----BEGIN CERTIFICATE-----
MIIFJTCCBA2gAwIBAgIQJzRFCr1wnoUKDqTHMJc34DANBgkqhkiG9w0BAQsFADA7
MQswCQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2xlIFRydXN0IFNlcnZpY2VzMQww
CgYDVQQDEwNXUjMwHhcNMjYwNzAyMDAwMjI4WhcNMjYwOTMwMDA1NjIyWjAYMRYw
FAYDVQQDEw1obWV0cm8uY29tLm15MIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIB
CgKCAQEAnqbjPHsHGfsQjlnxqADsO1JTDjoIEkVAtY4MzEqcbXVdDfQDdG40p09c
fAja/ppR/oH9vD383AoSfi3gKuF0Si5GhQg8D3dEtertIbJl7FYhjqmQGu37TMR0
dY/UjmtsR3uJOEcwfwmLsN7FH51oZnL5RnR3fzuCjM0ut3J/iaH8uRtbFo+YUwix
JhCpLKsSAxjlU3WRfGPCg4QF1lY2IVCvfu5Zyq7mDNxhT3eG7D8tnEMMkghMt9y3
iv1N1f95rhzk0Ld4RtO7akfhE44/LWSDal3tgAD+rcBReQ9TwYlJrfHnUg7iXcNH
v2O1kWsl4Ua46eYRCTkZLhkeISXYzQIDAQABo4ICRjCCAkIwDgYDVR0PAQH/BAQD
AgWgMBMGA1UdJQQMMAoGCCsGAQUFBwMBMAwGA1UdEwEB/wQCMAAwHQYDVR0OBBYE
FFZiXCI182qAaBIQhRtPgrqPjxLOMB8GA1UdIwQYMBaAFMeB9f2OiNkAPE1jolAx
JKDOI/4jMF4GCCsGAQUFBwEBBFIwUDAnBggrBgEFBQcwAYYbaHR0cDovL28ucGtp
Lmdvb2cvcy93cjMvSnpRMCUGCCsGAQUFBzAChhlodHRwOi8vaS5wa2kuZ29vZy93
cjMuY3J0MBgGA1UdEQQRMA+CDWhtZXRyby5jb20ubXkwEwYDVR0gBAwwCjAIBgZn
gQwBAgEwNgYDVR0fBC8wLTAroCmgJ4YlaHR0cDovL2MucGtpLmdvb2cvd3IzL2RH
ZzJzVldCTURrLmNybDCCAQQGCisGAQQB1nkCBAIEgfUEgfIA8AB2ANgJVTuUT3r/
yBYZb5RPhauw+Pxeh1UmDxXRLnK7RUsUAAABnyBZRucAAAQDAEcwRQIhAMluOC98
aiusYmzKi2Q3C4p3sMBnbzucCDoHD1TeFkxSAiBdRFh5n0i53trbAeSECdvNqtYr
4D5VgVwN/sXL/7/8oQB2AJRQQ4f67MHvgfMZJCaoGGUBx9NfOAIBP3JnfVU3LhnY
AAABnyBZSp8AAAQDAEcwRQIgdtPfRFogjT1cc3KGbNyRml/eAxWLQ22fDiCZllo1
b3ACIQDpX3I6XKrijSOoRGG2E6mrer/V00948Io8MvxtfHkcVzANBgkqhkiG9w0B
AQsFAAOCAQEAJstTpaW6GwskFPzMlCTmhPVrMAhdamKn5yKtSnuAXaqMXe34fHSl
DAFwJWr3oP8ED+EtTN99JZE0C2J+QmqTY/NH71tKE46afYDCFAb0FLcu12EQhf7T
J3QC47i9uZhOR8UzjFZdPEGtQ1sBd9ddPYg6SXa487BXdtFeZuNWHZvuIk7LXE32
7pLl8NXOOCxie4Y7ESun8d9G36goWQjMara1pmrGYVsK+pBNaFaUIT1aQ1xCJq2A
/Krs67rox3pmHpbP/ga0j2FbgWpQP7/ZKb0aXqxiwGx8ZE2GiQntoqnrBb1sKAaI
s69kNwWpIOSpa/ooRUCrNChBZRltarbAZw==
-----END CERTIFICATE-----
 1 s:C = US, O = Google Trust Services, CN = WR3
   i:C = US, O = Google Trust Services LLC, CN = GTS Root R1
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Dec 13 09:00:00 2023 GMT; NotAfter: Feb 20 14:00:00 2029 GMT
-----BEGIN CERTIFICATE-----
MIIFCzCCAvOgAwIBAgIQf/AFqRVo1jq8IoYWhKpLWjANBgkqhkiG9w0BAQsFADBH
MQswCQYDVQQGEwJVUzEiMCAGA1UEChMZR29vZ2xlIFRydXN0IFNlcnZpY2VzIExM
QzEUMBIGA1UEAxMLR1RTIFJvb3QgUjEwHhcNMjMxMjEzMDkwMDAwWhcNMjkwMjIw
MTQwMDAwWjA7MQswCQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2xlIFRydXN0IFNl
cnZpY2VzMQwwCgYDVQQDEwNXUjMwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEK
AoIBAQCPNHWHr4RyFI0HEJFvA6zx1Ag1mhnymxiJNGyYj3rU3eoF6N4bfIxUErp5
ivsYDQ18nPO9OOSoXsYzy0aJb0ag6TdjjdzM1ZdOMq17HSMFufV7SUOY0LxXx1N4
GLHtp1SyfIa+8FRFvIe6mVkd9LjbAPuBT0YrYl6xOqUqFyOsor7FjuVe/XEefaS0
I30EUrI00t+ZrIfGTFlf+OZPjnWSwrIwRpLQtg3H5Iln/z9UlCdl4wHISiyEL2Vf
za1c/aatQVvcTD8XlpF9qdg8Uyoc0ObUd+ZDSsK3+Eiiza1jtSVrlnIdgUVvhmnE
5OZ4TDHmoX+nAXMKh++HiXLM08WNAgMBAAGjgf4wgfswDgYDVR0PAQH/BAQDAgGG
MB0GA1UdJQQWMBQGCCsGAQUFBwMBBggrBgEFBQcDAjASBgNVHRMBAf8ECDAGAQH/
AgEAMB0GA1UdDgQWBBTHgfX9jojZADxNY6JQMSSgziP+IzAfBgNVHSMEGDAWgBTk
rysmcRorSCeFL1JmLO/wiRNxPjA0BggrBgEFBQcBAQQoMCYwJAYIKwYBBQUHMAKG
GGh0dHA6Ly9pLnBraS5nb29nL3IxLmNydDArBgNVHR8EJDAiMCCgHqAchhpodHRw
Oi8vYy5wa2kuZ29vZy9yL3IxLmNybDATBgNVHSAEDDAKMAgGBmeBDAECATANBgkq
hkiG9w0BAQsFAAOCAgEAnI1DlJQzSKcWbyXXrJSsgKMo6KG74TMqhsuTg67a0FX0
2752+eiJb5YsOJc8DVOHalwpOvbuPdl5BuAEgIK4Va7l9j3J9M1/EjeWjGTM3Ros
zmBJGu82oz6EWi5q75xeF+onJmh2Hm98a/yJAI/mODXq5LofYcQ9AffKP9ZMZu+Y
wW+/qHqyX2JhaOntvl7i8S+l1Y8CcKEqM1NFK4s4EBYPRFjZDawOHX7fSchbSMVP
n5Nu04lrU6xufuZqRosEQw2o0UAyzDoyA52NXzJTWr1G2FVg/0A9hdrQ/6fe9G31
67zKxNqXErs6MpHttEouGbpm2ftzrmcvruYxTfxc4G2GwBi3LFLozNpy042gDfXB
zDyn1staWsy7+QnzMlR59Fz6jBOk5R4LT+ma0+KjnfRhMh5T2ucm69HkvNQtDZlV
a1tLUlzs0zLEdQSehTCjZ6SYsGt2bMVK6dvtxzcyCP0QDUFnNXCwgw12+mGSkAuj
```

```
4ORi8kMRpnL8UEjkNbdw9KL1eYbEC3D0GPue2Yk2AGhxkmcdm1BoOp05kYw/Nnqg
h7QV8DKyBTUHbjH0pXlLiOsSOY+CLh1eTM+Do6rSjqGnDQeUXylZmPCmuveaw38I
VnBaa6Eiz6pngZ1u6OeO/1UzfhmyTm0n0G+9JZ3KS2Mq08isNgXHLnhlHJaphpE=
-----END CERTIFICATE-----
 2 s:C = US, O = Google Trust Services LLC, CN = GTS Root R1
   i:C = BE, O = GlobalSign nv-sa, OU = Root CA, CN = GlobalSign Root CA
   a:PKEY: 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-----
MIIFYjCCBEqgAwIBAgIQd70NbNs2+RrqIQ/E8FjTDTANBgkqhkiG9w0BAQsFADBX
MQswCQYDVQQGEwJCRTEZMBcGA1UEChMQR2xvYmFsU2lnbiBudi1zYTEQMA4GA1UE
CxMHUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnbiBSb290IENBMB4XDTIwMDYx
OTAwMDA0MloXDTI4MDEyODAwMDA0MlowRzELMAkGA1UEBhMCVVMxIjAgBgNVBAoT
GUdvb2dsZSBUcnVzdCBTZXJ2aWNlcyBMTEMxFDASBgNVBAMTC0dUUyBSb290IFIx
MIICIjANBgkqhkiG9w0BAQEFAAOCAg8AMIICCgKCAgEAthECix7joXebO9y/lD63
ladAPKH9gvl9MgaCcfb2jH/76Nu8ai6Xl6OMS/kr9rH5zoQdsfnFl97vufKj6bwS
iV6nqlKr+CMny6SxnGPb15l+8Ape62im9MZaRw1NEDPjTrETo8gYbEvs/AmQ351k
KSUjB6G00j0uYODP0gmHu81I8E3CwnqIiru6z1kZ1q+PsAewnjHxgsHA3y6mbWwZ
DrXYfiYaRQM9sHmklCitD38m5agI/pboPGiUU+6DOogrFZYJsuB6jC511pzrp1Zk
j5ZPaK49l8KEj8C8QMALXL32h7M1bKwYUH+E4EzNktMg6TO8UpmvMrUpsyUqtEj5
cuHKZPfmghCN6J3Cioj6OGaK/GP5Afl4/Xtcd/p2h/rs37EOeZVXtL0m79YB0esW
CruOC7XFxYpVq9Os6pFLKcwZpDIlTirxZUTQAs6qzkm06p98g7BAe+dDq6dso499
iYH6TKX/1Y7DzkvgtdizjkXPdsDtQCv9Uw+wp9U7DbGKogPeMa3Md+pvez7W35Ei
Eua++tgy/BBjFFFy3l3WFpO9KWgz7zpm7AeKJt8T11dleCfeXkkUAKIAf5qoIbap
sZWwpbkNFhHax2xIPEDgfg1azVY80ZcFuctL7TlLnMQ/0lUTbiSw1nH69MG6zO0b
9f6BQdgAmD06yK56mDcYBZUCAwEAAaOCATgwggE0MA4GA1UdDwEB/wQEAwIBhjAP
BgNVHRMBAf8EBTADAQH/MB0GA1UdDgQWBBTkrysmcRorSCeFL1JmLO/wiRNxPjAf
BgNVHSMEGDAWgBRge2YaRQ2XyolQL30EzTSo//z9SzBgBggrBgEFBQcBAQRUMFIw
```

IPV6 Connection

IP Used	2606:4700::6812:187a
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 = hmetro.com.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:CN = hmetro.com.my
   i:C = US, O = Google Trust Services, CN = WE1
   a:PKEY: 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-----
MIIDgjCCAyegAwIBAgIQBKGGH9wZrCEOe4q34k0/sTAKBggqhkjOPQQDAjA7MQsw
CQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2xlIFRydXN0IFNlcnZpY2VzMQwwCgYD
VQQDEwNXRTEwHhcNMjYwNjE5MDQyNjU5WhcNMjYwOTE3MDUyNjM2WjAYMRYwFAYD
VQQDEw1obWV0cm8uY29tLm15MFkwEwYHKoZIzj0CAQYIKoZIzj0DAQcDQgAEwxhF
DeSseyHNRDufyOTjaJT45Lz1cHtu8zYII82A7eGuLNvLQm/Ch1Px5DkFF7SuHQzj
RKLvR2igZU+x6PY87KOCAi4wggIqMA4GA1UdDwEB/wQEAwIHgDATBgNVHSUEDDAK
BggrBgEFBQcDATAMBgNVHRMBAf8EAjAAMB0GA1UdDgQWBBTaepBVvQpsdorUYq8M
S5jDSaN4eDAfBgNVHSMEGDAWgBSQd5I1Z8T/qMyp5nvZgHl7zJP5ODA1BggrBgEF
BQcBAQQpMCcwJQYIKwYBBQUHMAKGGWh0dHA6Ly9pLnBraS5nb29nL3dlMS5jcnQw
KQYDVR0RBCIwIIINaG1ldHJvLmNvbS5teYIPKi5obWV0cm8uY29tLm15MBMGA1Ud
IAQMMAowCAYGZ4EMAQIBMDYGA1UdHwQvMC0wK6ApoCeGJWh0dHA6Ly9jLnBraS5n
b29nL3dlMS9GQVJlUHh5ME0yTS5jcmwwggEEBgorBgEEAdZ5AgQCBIH1BIHyAPAA
dgDYCVU7lE96/8gWGW+UT4WrsPj8XodVJg8V0S5yu0VLFAAAAZ7eWMOBAAAEAwBH
MEUCIGMHVvqKBYSx+Rg+ACaki05RCMk0mO4S9r92Z7mFmjsnAiEAgBdw/gNyGDzB
O7GBHHmes0Putaptr+qV5DZvHrb18wQAdgCvZ4g7V7BO3Y+m2X72LqjrgQrHcWDw
JF5V1gwv54WHOgAAAZ7eWMQvAAAEAwBHMEUCIQC+5eMlbFlyiJuqSOfyNhChJZMo
tji1Px711Ko2Tt2xQAIgR/tK3+NZnPcoGfgTBaCzfbAg+btGtVm/TMx5lDiQ304w
CgYIKoZIzj0EAwIDSQAwRgIhAKU7PetLUkJACh0c0t3DN3ke+uOhIMko9yoNiupd
69ugAiEA6MZSTR8IqsUvw7nduHZCuZZLLD+CJdPxhg5OYGQ3qGc=
-----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
Y2VzMQwwCgYDVQQDEwNXRTEwTATBgcqhkjOPQIBBggqhkjOPQMBBwNCAARvzTr+
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 = hmetro.com.my
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 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	104.18.24.122
Connect Time	14.7 ms
TTFB	41.21 ms
Total Time	41.28 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Server: nginx/1.18.0 (Ubuntu)",
    "2": "Date: Sat, 08 Aug 2026 10:21:46 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: Sat, 08 Aug 2026 10:21:46 GMT",
    "10": "content-type: text/html; charset=UTF-8",
    "11": "server: cloudflare",
    "12": "set-cookie: __cf_bm=4J7qNk4KqkqTqafi2QIiyTI1.j_Z.3i5Vw6F71s8iss-1786184506.6320293-1.0.1.1-
mdVRqTUWboPKfT_9kToNe6mvUftCnmQ8LlCIMGWVNpjh_anaSHh81zLagSPNZdqVCU5UO0q0FgSlqHzExPrQ8vgf95MacFSKm.tIjf288xhOgbeaMR0Dk0uRA6AEoEo3; HttpOnly; Secure; Path=/;
Domain=hmetro.com.my; Expires=Sat, 08 Aug 2026 10:51:46 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: 13",
    "23": "last-modified: Sat, 08 Aug 2026 10:21:33 GMT",
    "24": "expires: Sat, 08 Aug 2026 10:22:16 GMT",
    "25": "cf-cache-status: HIT",
    "26": "speculation-rules: \"/cdn-cgi/speculation\"",
    "27": "cf-ray: a27dcbce7c2335be-KUL"
}
```


IPv6 HTTP (port 80)

HTTP Status	301
Connected IP	2606:4700::6812:187a
Connect Time	8.35 ms
TTFB	30.18 ms
Total Time	31.37 ms
Error	Could not resolve host: hmetro.com.my

Response Headers:


```
[
    "HTTP/1.1 301 Moved Permanently",
    "Date: Sat, 08 Aug 2026 10:21:46 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=EsGmuJ5Eiu89w5oWy2l_HPnMd1_UBM5rOGXhQEBSSmg-1786184506.4764037-1.0.1.1-
TeSDz2I.x_abO5QncJI2pVuKGcRN5TNAnacKtDzoh5QvZs8nMbXYRvtQbzFGBGsMSmJzr5C2HeqEb_1OC_OlJWUZTFB083DMBa1YeQUia_naBkGmX0KRR_qM4mVKfjXT; HttpOnly; Path=/;
Domain=hmetro.com.my; Expires=Sat, 08 Aug 2026 10:51:46 GMT",
    "Referrer-Policy: strict-origin-when-cross-origin",
    "X-Frame-Options: allow-from http://digital.nstp.com.my/",
    "Server: cloudflare",
    "CF-RAY: a27dcbcd7ec03fb8-SIN",
    "alt-svc: h3=\":443\"; ma=86400"
]
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	104.18.25.122
Connect Time	11.25 ms
TTFB	53.14 ms
Total Time	53.21 ms

Response Headers:


```
{
    "0": "HTTP/2 301",
    "1": "server: nginx/1.18.0 (Ubuntu)",
    "2": "date: Sat, 08 Aug 2026 10:21:46 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,h3-29=\":443\"; ma=2592000",
    "9": "HTTP/2 200",
    "10": "date: Sat, 08 Aug 2026 10:21:46 GMT",
    "11": "content-type: text/html; charset=UTF-8",
    "12": "server: cloudflare",
    "13": "set-cookie: __cf_bm=ODTFN.VhWifxhPD9.G1.6IWBMvIdaKXoEGAjq6b9xls-1786184506.68618-1.0.1.1-
A7hO3qNxg_sraxd7DoLdxqVMQqgVzRiwVb3M7VKH_L1mR3RVhitUcB4UibUDHFM7zUUTei2PXmcO2kHtXUPwuyEIS8haYhdTD0D4z6qI2GcsH8ZDZ1G1XapSb1nmRGAk; HttpOnly; Secure; Path=/;
Domain=hmetro.com.my; Expires=Sat, 08 Aug 2026 10:51:46 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: 13",
    "24": "last-modified: Sat, 08 Aug 2026 10:21:33 GMT",
    "25": "expires: Sat, 08 Aug 2026 10:22:16 GMT",
    "26": "cf-cache-status: HIT",
    "27": "speculation-rules: \"/cdn-cgi/speculation\"",
    "28": "cf-ray: a27dcbcecfef86be-KUL"
}
```


IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2606:4700::6812:197a
Connect Time	16.34 ms
TTFB	99.57 ms
Total Time	99.67 ms

Response Headers:


```
{
    "0": "HTTP/2 301",
    "1": "date: Sat, 08 Aug 2026 10:21:46 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=VDff0sioHtQnmPUs5ayf4Il8UHD7bhCYaqlFTiURCdo-1786184506.5260222-1.0.1.1-
V7LtzLm5MUye.vxSfPCZ9C_JcfnTSfXDvmzGl7pCFVHMmY0bo9zH9YV1mEx7dPsm612IRvIkTh5OiVypPX3FV67OCbU9RqfixAIQRF3Bo76Wv8wmImAczLV6..44z7nK; HttpOnly; Secure; Path=/;
Domain=hmetro.com.my; Expires=Sat, 08 Aug 2026 10:51:46 GMT",
    "12": "referrer-policy: strict-origin-when-cross-origin",
    "13": "x-frame-options: allow-from http://digital.nstp.com.my/",
    "14": "cf-ray: a27dcbcdc9e5efdf-SIN",
    "16": "HTTP/2 200",
    "17": "date: Sat, 08 Aug 2026 10:21:46 GMT",
    "18": "content-type: text/html; charset=UTF-8",
```

```
    "19": "server: cloudflare",
    "20": "set-cookie: __cf_bm=TzKND0q1lk64.im9elPteawzJYPZkk8nhs7839h9uy4-1786184506.5850158-1.0.1.1-
yU2X_mu0qsAAMch7zPq1yGBr16fQLdh.2hgN8qx4bWfmIKLEAvixkWbIxXTquxWCsrDJDSjyg7QBf2ZkDhpP_lDcZ.ZgNP2gTgAfAShdDgIATA5Od.CDO1xRSAqop7Mf; HttpOnly; Secure; Path=/;
Domain=hmetro.com.my; Expires=Sat, 08 Aug 2026 10:51:46 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: 13",
    "30": "last-modified: Sat, 08 Aug 2026 10:21:33 GMT",
    "31": "expires: Sat, 08 Aug 2026 10:22:16 GMT",
    "32": "cf-cache-status: HIT",
    "33": "speculation-rules: \"/cdn-cgi/speculation\"",
    "34": "vary: accept-encoding",
    "35": "cf-ray: a27dcbce2bce472e-SIN"
}
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.016723 0.032613
TCP Connect IPv6 → port 80	301 0.006927 0.019354
TCP Connect IPv4 → port 443	301 0.008654 0.052383
TCP Connect IPv6 → port 443	301 0.007934 0.080529

Test Node Network Evidence

Node Profile	dual stack

Egress Connectivity

IPv4 Egress	unreachable
IPv6 Egress	unreachable

Sysctl IPv6 Flags

net.ipv6.conf.all.disable_ipv6	0

IPv6 Routes

```
2a02:4780:5e::/48 dev eth0 proto kernel metric 256 pref medium
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
```