IPv6 Readiness Report

hctm.ukm.my — hctm.ukm.my

Scan to verify

Category: Healthcare • Generated: 02 Nov 2026, 03:13 MYT • Last Checked: 08 Aug 2026, 18:27 MYT • Verification ID: b7777a76-8b9b-43fa-bab9-50747e2cee53
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/b7777a76-8b9b-43fa-bab9-50747e2cee53

✗

Non-Compliant

MGv6C-1.0

40%

No IPv6 Support

IPV6-ONLY READINESS

Website: ✗ **Not Ready**

DNS: ✗ **Not Ready**

Email: ✓ **Ready**

IPV4 ADDRESSES

137.59.111.54

Network Information (WHOIS / RDAP)

	IPv4 Network
Organization	Exabytes Ecommerce Sdn.Bhd.
Country	MY
ASN	AS46015
ASN Name	EXABYTES-AS-AP - Exa Bytes Network Sdn.Bhd., MY
Network (CIDR)	137.59.108.0/22

Web Services (35%) — 0 / 8

#	CHECK	RESULT	DETAIL
1	**AAAA Record**	FAIL	No AAAA record found in DNS.
2	**Globally Routable IPv6**	FAIL	IPv6 address is not globally routable.
3	**HTTP over IPv6**	FAIL	HTTP is not accessible over IPv6.
4	**HTTPS over IPv6**	FAIL	HTTPS is not accessible over IPv6.
5	**IPv6-Only Reachability**	FAIL	Site is not reachable when limited to IPv6-only.
6	**TLS Certificate Valid (IPv6)**	FAIL	TLS certificate is invalid, expired, or hostname mismatch over IPv6.
7	**Dual-Stack (IPv4 + IPv6)**	FAIL	Domain is IPv6-only or IPv4-only.
8	**HTTP/3 (QUIC)**	FAIL	No HTTP/3 support detected.

DNS & DNSSEC (25%) — 0 / 5

#	CHECK	RESULT	DETAIL
1	**NS Has AAAA Record**	FAIL	No nameserver has an AAAA record.
2	**NS Reachable via IPv6**	FAIL	No nameserver is reachable over IPv6.
3	**NS Answers Queries via IPv6**	FAIL	Nameserver does not answer queries 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.
7	**RRSIG Valid**	FAIL	No valid RRSIG found.

#	CHECK	RESULT	DETAIL
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	137.59.111.54
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 492ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 487ms TTFB.

Audit Trail & Evidence Record

Verification ID	b7777a76-8b9b-43fa-bab9-50747e2cee53
Domain	hctm.ukm.my
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:27:35 MYT
Finished	08 Aug 2026, 18:27:43 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/b7777a76-8b9b-43fa-bab9-50747e2cee53

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	8bec1606497e9615af2daa73547b11b2044e55d8999033a365d85ef1143b627d
http_headers	6f40719835b9857ca2d14cefbb1e0829e0bb02aca61090020fdeb1ba0e88d682
dns_responses	9825478e0311569a3bf8394839e6ccd859e4aa905bfd479a7efac33997dde89f
tls_handshake	451edabdae1915f2eff3ec0a4fa1cb8f029cabb5b77eb14be119b982de330f64
connectivity_log	a7a0e2a564f748c9151c56cce91659866c045e5781c073b89275933f9f74e12a
dns_resolution_times	2ddccbc358b419c4d9f293c38f1863ce432efb8e309bf3616ddcb1e90ee075cc

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	22.79	23.46	23.11	24.72	+0.3
Google	IPv4	160.61	163.14	156.15	179.79	-4.5
Google	IPv6	154.87	157.1	167.38	175.23	+12.5
Cloudflare	IPv4	22.77	26.56	22.69	30.92	-0.1
Cloudflare	IPv6	35.82	38.57	37.18	43.06	+1.4

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 7215
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
hctm.ukm.my.□□59407□IN□A□137.59.111.54
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 10225
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
ukm.my.□□□2870□IN□SOA□dns1.ukm.my. server.ukm.edu.my. 2026080601 7200 1800 1209600 86400
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 19172
;; flags: qr rd ra; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
hctm.ukm.my.□□59429□IN□MX□5 ALT1.ASPMX.L.GOOGLE.COM.
hctm.ukm.my.□□59429□IN□MX□10 ASPMX2.GOOGLEMAIL.COM.
hctm.ukm.my.□□59429□IN□MX□10 ASPMX3.GOOGLEMAIL.COM.
hctm.ukm.my.□□59429□IN□MX□5 ALT2.ASPMX.L.GOOGLE.COM.
hctm.ukm.my.□□59429□IN□MX□1 ASPMX.L.GOOGLE.COM.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 64041
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
ukm.my.□□□2870□IN□SOA□dns1.ukm.my. server.ukm.edu.my. 2026080601 7200 1800 1209600 86400
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 22815
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
hctm.ukm.my.□□59429□IN□TXT□"v=spf1 a:smtp.ppukm.ukm.my include:_spf.google.com ~all"
hctm.ukm.my.□□59429□IN□TXT□"globalsign-domain-verification=xrUHMtRQyMEJK5NmwerTLtVuz6LJ14-h0y6LRBBuxJ"
hctm.ukm.my.□□59429□IN□TXT□"google-site-verification=Qh3eWzD01aMN1PC3TMgNO9j9gp_D05muyXL9Mr9Y0vU"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 35929
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
ukm.my.□□□2870□IN□SOA□dns1.ukm.my. server.ukm.edu.my. 2026080601 7200 1800 1209600 86400
```

RRSIG

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 47612
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
ukm.my.□□□2870□IN□SOA□dns1.ukm.my. server.ukm.edu.my. 2026080601 7200 1800 1209600 86400
```

DNSSEC_VALIDATION

```
;; resolution failed: ncache nxrrset
; negative response, unsigned answer
; hctm.ukm.my.□□2870□IN□\-SOA□;-$NXRRSET
; ukm.my. SOA dns1.ukm.my. server.ukm.edu.my. 2026080601 7200 1800 1209600 86400
```

TLS Handshake Evidence

IPV4 Connection

IP Used	137.59.111.54
IP Version	4

```
depth=3 C = US, O = Internet Security Research Group, CN = ISRG Root X1
verify return:1
depth=2 C = US, O = ISRG, CN = Root YR
verify return:1
depth=1 C = US, O = Let's Encrypt, CN = YR2
verify return:1
depth=0 CN = www.hctm.ukm.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:CN = www.hctm.ukm.my
   i:C = US, O = Let's Encrypt, CN = YR2
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Jun 20 02:12:41 2026 GMT; NotAfter: Sep 18 02:12:40 2026 GMT
-----BEGIN CERTIFICATE-----
MIIFBDCCA+ygAwIBAgISBRmTA9F5dOce5PCX0pYOz1yCMA0GCSqGSIb3DQEBCwUA
MDMxCzAJBgNVBAYTAlVTMRYwFAYDVQQKEw1MZXQncyBFbmNyeXB0MQwwCgYDVQQD
EwNZUjIwHhcNMjYwNjIwMDIxMjQxWhcNMjYwOTE4MDIxMjQwWjAaMRgwFgYDVQQD
Ew93d3cuaGN0bS51a20ubXkwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIB
AQDT8UFEj4GEEEzoNPB9LyS8k4tb7sZ3NGQWkn3bVFGRYtaqToMxa6IpkYInmaGC
IYG8J+QytRQbRZIkoRhA5KdlGMcm5EF08SbOP0XQze7eRGQ3IcoyKQgXuKZm6SKL
L/f6d6e5VoD5pdbMQ6mdPFnbqBHhU6WJadJsgqtEVoT9PrehU1swU/yeA2jTGeBN
Xa8qydjfi6MjV5qF7va8c/qgYkqHzPj/U36ZwaCLiaEPygsecNinQLgRBF+YN/hT
ry+fKGkhmxqW2kcEwfAxcQmGAzYNXxi8gegyLLkr2JYtFhHc1qjcKBZ8oFcmfGPU
ANXt4Q3kNnjONZF8JcBEeZJrAgMBAAGjggIpMIICJTAOBgNVHQ8BAf8EBAMCBaAw
EwYDVR0lBAwwCgYIKwYBBQUHAwEwDAYDVR0TAQH/BAIwADAdBgNVHQ4EFgQUGQEN
bkDsoFGeXBlURAWt0MMb9J0wHwYDVR0jBBgwFoAUQBUtJnntMiCe35pyHdYyH4EM
gQwwMwYIKwYBBQUHAQEEJzAlMCMGCCsGAQUFBzAChhdodHRwOi8veXIyLmkubGVu
Y3Iub3JnLzAnBgNVHREEIDAeggtoY3RtLnVrbS5teYIPd3d3LmhjdG0udWttLm15
MBMGA1UdIAQMMAowCAYGZ4EMAQIBMC0GA1UdHwQmMCQwIqAgoB6GHGh0dHA6Ly95
cjIuYy5sZW5jci5vcmcvMy5jcmwwggEMBgorBgEEAdZ5AgQCBIH9BIH6APgAdwCU
TkOH+uzB74HzGSQmqBhlAcfTXzgCAT9yZ31VNy4Z2AAAAZ7jAstHAAAEAwBIMEYC
IQD0eRKLjqjXQaN3eWbGMjis509ftiOEtag00wU0sqbgMwIhAPgCRYhkEk4jgL+R
m+vHjkI6it3y0S2AlJbWDUSkchxQAH0AJuNkblhpISO8ND9HJDWbN5LNJFqI2BXT
kzP9mRirRyMAAAGe4wLKWgAIAAAFAB/p274EAwBGMEQCIAi+HvS+/MuI52YSJH3f
RWsosWOsJfL7eyBFCmckMPpDAiB9ajRVKeJCETkS4K8zsHDT4aj8Q7HtYErT/xvy
/JCEBDANBgkqhkiG9w0BAQsFAAOCAQEAWLdGfLhqMb8Ur/HEXHJkpMId7WiehPNW
3QSx6R/egdsepPvT0/XpnQIrPXVNQN+hzbNzmf9pKgstuo3ow557YxXN7NgVk+7Q
sOGYinrONqwXjnNkGyzJ/7wJqLdKz8dGYeP7zOdEXKZE9w4Z5D0oar7/zJLE3SgU
dEPW82t3XlBPHRCkZFbJQ3bcv4zN0TrNr+TMFLmfuCVjwctRxRHDZS3EUSpbHk0a
eZCNTtA9Y/LWWWwoLkrt9tJRhxBB36ats03KkPoV1usbncXPibUY0fH7EMUfZZg3
1+rFvd9wQt5AxHTqyKExMUrZ2qQIrfYrmLtgGocyF5Pi0igcnmg6gA==
-----END CERTIFICATE-----
 1 s:C = US, O = Let's Encrypt, CN = YR2
   i:C = US, O = ISRG, CN = Root YR
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Sep  3 00:00:00 2025 GMT; NotAfter: Sep  2 23:59:59 2028 GMT
-----BEGIN CERTIFICATE-----
MIIE2jCCAsKgAwIBAgIQTr0klH4k05SALYSlL9WzGTANBgkqhkiG9w0BAQsFADAu
MQswCQYDVQQGEwJVUzENMAsGA1UEChMESVNSRzEQMA4GA1UEAxMHUm9vdCBZUjAe
Fw0yNTA5MDMwMDAwMDBaFw0yODA5MDIyMzU5NTlaMDMxCzAJBgNVBAYTAlVTMRYw
FAYDVQQKEw1MZXQncyBFbmNyeXB0MQwwCgYDVQQDEwNZUjIwggEiMA0GCSqGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQDZ0LxwBppqh84luqMerV/eeL/fXQ7mLQQv1Lnp
WKZbyvGpx6wh6AfnslAnF6ewTkcHA+gSOoBvm3Dfm06AuGiF+KRut4fAcowqnAQQ
CW98+QPP/eOv/wug7Iyk4NkOxf2I6g2f55T6nJoOTLFcukeRq80JGQEYan+dPFr9
OGUgQK2hGKgNkW87pappsOAuUJcroYhRt5uUis4qaZireiseu32gzDJNBAiKtsvd
6HX4v25bpkRNcS/B/Gtc9kVbUpD+2PLPxdei3Tim55k4tfAEXwD2qyiPTxrTNq6l
N+AMr5g2c1dNqkOTwjxeV6L5lpP1rGiYvLnRaPlOqyZRPW+5AgMBAAGjge4wgesw
DgYDVR0PAQH/BAQDAgGGMBMGA1UdJQQMMAoGCCsGAQUFBwMBMBIGA1UdEwEB/wQI
MAYBAf8CAQAwHQYDVR0OBBYEFEAVLSZ57TIgnt+ach3WMh+BDIEMMB8GA1UdIwQY
MBaAFN7nW2DQIm1AKH0/DQH+pLVStFGUMDIGCCsGAQUFBwEBBCYwJDAiBggrBgEF
BQcwAoYWaHR0cDovL3lyLmkubGVuY3Iub3JnLzATBgNVHSAEDDAKMAgGBmeBDAEC
ATAnBgNVHR8EIDAeMBygGqAYhhZodHRwOi8veXIuYy5sZW5jci5vcmcvMA0GCSqG
SIb3DQEBCwUAA4ICAQB0ZUQWZ9/Yn9COEpo+JfecMnB0h0vwDm/M66IqXqw3LoaL
mx9lZvRTeDIS67PUeI3yCA2W6PKRD0/FE/G57lOmS+Xy5AaaL00ICGOqjNcCaMWW
8o8nevHOd4i4lqgtznE/28QwlcdJyF8yBiWHpnyjhEpmNWJURgOCOg2xpwRMBCsj
MScqYPtOhBeuYQvSwAEeTML2Ukh6uGuX4E14q65Ja8cdjF5bAldnP1eE4FBaAwsZ
G2fOqqrKV03Y85Nw2btedP1AtliQuJZs/Jo/gXxXdc7LrH3McgnpnbTiAncX7yES
hP6kzQejllqMCIt52HOjxDGWafS7Xw+DKwqmH+Eqy8dcbOuag/1AYlQoKNVK3F5q
Hh6tEDiMqQcLIibGKteE6iHo4A/bISCbzrhXUYuism42ZYzmc48FMVIH3qy4L84E
TdAH2gtxw0PAhvRVXp8HP7wfngpzsN/8xOTpeRSbM4+Qbc56G6+Bifmv6sk1ieQb
NA3wJdl4DDUuQSV8hBgx6zoI1ZSGORprDFux7c6rhc77QZMSRrEgomBeklervEve
```

```
86ylWmZ3WWHV6RLMi8xNvjd71r4EPIGgY7BZU/VPBkq+uA7Gb6mbJnFgV43uh3xy
LRFgxIAphIukwTGSMZZR+AI+Qnp0BYTWovHXozOf3H8r6hozEoT02JHn0AeTfA==
-----END CERTIFICATE-----
 2 s:C = US, O = ISRG, CN = Root YR
   i:C = US, O = Internet Security Research Group, CN = ISRG Root X1
   a:PKEY: rsaEncryption, 4096 (bit); sigalg: RSA-SHA256
   v:NotBefore: May 13 00:00:00 2026 GMT; NotAfter: Sep  2 23:59:59 2032 GMT
-----BEGIN CERTIFICATE-----
MIIF9DCCA9ygAwIBAgIRAPJLbRf52a18scn+p4eCaZ8wDQYJKoZIhvcNAQELBQAw
TzELMAkGA1UEBhMCVVMxKTAnBgNVBAoTIEludGVybmV0IFNlY3VyaXR5IFJlc2Vh
cmNoIEdyb3VwMRUwEwYDVQQDEwxJU1JHIFJvb3QgWDEwHhcNMjYwNTEzMDAwMDAw
WhcNMzIwOTAyMjM1OTU5WjAuMQswCQYDVQQGEwJVUzENMAsGA1UEChMESVNSRzEQ
MA4GA1UEAxMHUm9vdCBZUjCCAiIwDQYJKoZIhvcNAQEBBQADggIPADCCAgoCggIB
ANvGJnN78CTJdWL3+eGfsLN5TrNBJs+VH9hRXqRbwxu9sGNiB0BD1fcOxbSUQCJI
M1xE13Db+5Cw1w0s0EBYsvuIP/6joF0w8cuImbgR1OGgYbSQ4OpzI+DG8SGuTlcE
873OCS+kh3srlo6vl43M5OJg4Aeo1sfHp6kTJDoIiFBNJAY+OKfX/FUvYKuhjT+n
o49lmqmupSBI5PkBQiqrEGtWU5uxU/cQWHGu8jSjFBznZqvbNPLMXMLFxCb3WTfr
JBXXjqvWG+v4bjzxjjeAtOlU7qarRDvNOyAuQYLln904M+faKx8hnLCpJ15ZqaEg
cNlY+9MMWcC5yvL2A2j3l9+2buggZX+dOE91zYmIdawTvSZuVvlbRrAlLxIB6pwM
BjneXCjYQ8+3BCCjssbSNpZU3hTcBDdhfAlEDlYr6pEatnMdmDT5BqnKC92bd0Eh
M1fbLHioLccLCuievT8ZkPhZrq7Mii7gNXAcUEAR8+lzYal+9zTg7C5DALyVOeG/
CqfRAMn1KSHCR0NSA6P8tn/mGRlnCct5rtVCLnVySVpU6H1qGg3DgTOuskf8eahT
MiYbI5ezPJmO5ertalskQ1utp74+eDy92PI4ftHKTbq9IWhH4YZKh3WnJEIt+oQv
lYZbY8tpEroKrFB6PFGzrJIDRyts4HqvuH52RFj2zv/BAgMBAAGjgeswgegwDgYD
VR0PAQH/BAQDAgEGMBMGA1UdJQQMMAoGCCsGAQUFBwMBMA8GA1UdEwEB/wQFMAMB
Af8wHQYDVR0OBBYEFN7nW2DQIm1AKH0/DQH+pLVStFGUMB8GA1UdIwQYMBaAFHm0
WeZ7tuXkAXOACIjIGlj26ZtuMDIGCCsGAQUFBwEBBCYwJDAiBggrBgEFBQcwAoYW
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	137.59.111.54
Connect Time	3.91 ms
TTFB	490.05 ms
Total Time	490.12 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Sat, 08 Aug 2026 10:27:39 GMT",
    "2": "Server: Apache",
    "3": "Location: https://hctm.ukm.my/",
    "4": "Content-Type: text/html; charset=iso-8859-1",
    "6": "HTTP/1.1 200 OK",
    "7": "Date: Sat, 08 Aug 2026 10:27:40 GMT",
    "8": "Server: Apache",
    "9": "Link: <https://hctm.ukm.my/wp-json/>; rel=\"https://api.w.org/\", <https://hctm.ukm.my/wp-json/wp/v2/pages/10540>; rel=\"alternate\"; title=\"JSON\";
type=\"application/json\", <https://hctm.ukm.my/>; rel=shortlink",
    "10": "Content-Type: text/html; charset=UTF-8"
}
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	137.59.111.54
Connect Time	1.3 ms
TTFB	480.73 ms
Total Time	480.76 ms

Response Headers:


```
[
    "HTTP/1.1 200 OK",
    "Date: Sat, 08 Aug 2026 10:27:40 GMT",
    "Server: Apache",
    "Link: <https://hctm.ukm.my/wp-json/>; rel=\"https://api.w.org/\", <https://hctm.ukm.my/wp-json/wp/v2/pages/10540>; rel=\"alternate\"; title=\"JSON\";
type=\"application/json\", <https://hctm.ukm.my/>; rel=shortlink",
    "Content-Type: text/html; charset=UTF-8"
]
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.001040 0.002579
TCP Connect IPv4 → port 443	200 0.003214 2.360153

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
```