# IPv6 Readiness Report

**ktmb.com.my — ktmb.com.my**

Scan to verify

Category: Enterprise • Generated: 02 Nov 2026, 03:13 MYT • Last Checked: 08 Aug 2026, 18:30 MYT • Verification ID: 456feab7-4f31-4ba0-8a84-9cc0caa9cbce
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/456feab7-4f31-4ba0-8a84-9cc0caa9cbce

✗
**Non-Compliant**
MGv6C-1.0

**40%**
**No IPv6 Support**

**IPV6-ONLY READINESS**
Website: ✗ **Not Ready**
DNS: ✗ **Not Ready**
Email: ✗ **Not Ready**

**IPV4 ADDRESSES**
`1.9.14.68`

## Network Information (WHOIS / RDAP)

| | IPv4 Network |
|---|---|
| Organization | gitn-central-brf |
| Country | MY |
| ASN | AS4788 |
| ASN Name | TTSSB-MY - TM TECHNOLOGY SERVICES SDN. BHD., MY |
| Network (CIDR) | 1.9.14.64/27 |

## 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%) — 4 / 4

| # | 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: mail._domainkey |
| 7 | **DMARC Record** | PASS | DMARC record found. |

## IPv4 Baseline (15%) — 3 / 3

| # | CHECK | RESULT | DETAIL |
|---|---|---|---|
| 1 | **A Record** | PASS | 1.9.14.68 |
| 2 | **HTTP over IPv4** | PASS | HTTP (port 80) responds over IPv4 — 47ms TTFB. |
| 3 | **HTTPS over IPv4** | PASS | HTTPS (port 443) responds over IPv4 — 29ms TTFB. |

## Audit Trail & Evidence Record

| | |
|---|---|
| **Verification ID** | 456feab7-4f31-4ba0-8a84-9cc0caa9cbce |
| **Domain** | ktmb.com.my |
| **Check Mode** | Manual |
| **Status** | Completed |
| **Started** | 08 Aug 2026, 18:30:18 MYT |
| **Finished** | 08 Aug 2026, 18:30:36 MYT |
| **Test Node Profile** | dual stack |
| **Engine Version** | 2.0.0 |
| **MGv6C Version** | 1.0.0 |
| **Audit URL** | https://ipv6.my6.my/audit/456feab7-4f31-4ba0-8a84-9cc0caa9cbce |

## Integrity Verification

✓ **INTEGRITY VERIFIED**

| | |
|---|---|
| **Algorithm** | hmac-sha256-v1 |
| **Root Hash** | 82d6144b7776d4a751fb767e8eb0f9d31a39cd4de09379ee33f186294ebe2981 |
| **http_headers** | fa251ac69256d772920de6c8a77b5d4edd0731b5bc8dd7494958e5a383bfee71 |
| **dns_responses** | 809f5495c237a9cb62b121a6fbb56a0068272828fbebefa88846eea4caf9f1b6 |
| **tls_handshake** | 53d2f18c3ae06c0a7e1c972a6bd6ff0df89e40ca68f29c93f77665c1b78a4d20 |
| **connectivity_log** | 76dcf773769aece125425bd4c6226bf2038b91a1e2a0591862a297327aa24db6 |
| **dns_resolution_times** | 63d3df251c1e001c5d7ecd98be5a19f6e60e6e0201e83e7d02032eaaf3efd499 |

## 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 | 23.96 | 25.09 | 24.15 | 27.54 | +0.2 |
| **Google** | IPv4 | 42.39 | 151.55 | 42.52 | 44.66 | +0.1 |
| **Google** | IPv6 | 151.32 | 157.89 | 36.82 | 231.79 | -114.5 |
| **Cloudflare** | IPv4 | 21.42 | 23.24 | 22.37 | 23.01 | +0.9 |
| **Cloudflare** | IPv6 | 24.54 | 40.49 | 30.92 | 37.09 | +6.4 |

## DNS Evidence

### A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 64853
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ktmb.com.my.□□300□IN□A□1.9.14.68
```

### DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 29190
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my.□□□3052□IN□SOA□e.nic.my. hostmaster.nic.my. 2026062862 1800 900 604800 3600
```

### MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 50006
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ktmb.com.my.□□300□IN□MX□10 ktmb-com-my.mail.protection.outlook.com.
ktmb.com.my.□□300□IN□MX□60 d302540.b.ess.in.barracudanetworks.com.
ktmb.com.my.□□300□IN□MX□60 d302540.a.ess.in.barracudanetworks.com.
```

### NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 52873
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ktmb.com.my.□□3600□IN□NS□ns-3196.ipxcdn.com.
ktmb.com.my.□□3600□IN□NS□ns-1510.ipxcdn.com.
ktmb.com.my.□□3600□IN□NS□ns-4218.ipxcdn.com.
ktmb.com.my.□□3600□IN□NS□ns-2379.ipxcdn.com.
```

### TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 6914
;; flags: qr rd ra; QUERY: 1, ANSWER: 6, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ktmb.com.my.□□300□IN□TXT□"IGXcScXbY52qe7/CYsjutAlgkpEsEDnsQr90qYvjCFg="
ktmb.com.my.□□300□IN□TXT□"autodesk-domain-verification=zzIdtjQgEA4V7vQGBcqG"
ktmb.com.my.□□300□IN□TXT□"MS=838E8A572CBD49B890D99722F6CC1EB206F3D5D3"
ktmb.com.my.□□300□IN□TXT□"v=spf1 ip4:1.9.14.69 include:spf.ess.in.barracudanetworks.com include:spf.protection.outlook.com include:sendgrid.net -all"
ktmb.com.my.□□300□IN□TXT□"MS=ms38101265"
ktmb.com.my.□□300□IN□TXT□"adobe-sign-verification=4dd182d394a998a3fc2028c151e9bfb9"
```

### AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 51295
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
ktmb.com.my.□□3584□IN□SOA□ns-1510.ipxcdn.com. support.ipserverone.com. 2026072701 10000 240 604800 3600
```

### RRSIG

```
ns-1510.ipxcdn.com. support.ipserverone.com. 2026072701 10000 240 604800 3600
```

### DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 13029
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
ktmb.com.my.□□3584□IN□SOA□ns-1510.ipxcdn.com. support.ipserverone.com. 2026072701 10000 240 604800 3600
```

### DNSSEC_VALIDATION

```
; unsigned answer
ktmb.com.my.□□3583□IN□SOA□ns-1510.ipxcdn.com. support.ipserverone.com. 2026072701 10000 240 604800 3600
```

## TLS Handshake Evidence

### IPV4 Connection

| | |
|---|---|
| **IP Used** | 1.9.14.68 |
| **IP Version** | 4 |

```
depth=2 C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
verify return:1
depth=1 C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA DV R36
verify return:1
depth=0 CN = *.ktmb.com.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:CN = *.ktmb.com.my
   i:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA DV R36
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Nov  3 00:00:00 2025 GMT; NotAfter: Dec  4 23:59:59 2026 GMT
-----BEGIN CERTIFICATE-----
MIIGdDCCBNygAwIBAgIQRP2NhLUTPie9X3SaNvKjmDANBgkqhkiG9w0BAQsFADBg
MQswCQYDVQQGEwJHQjEYMBYGA1UEChMPU2VjdGlnbyBMaW1pdGVkMTcwNQYDVQQD
Ey5TZWN0aWdvIFB1YmxpYyBTZXJ2ZXIgQXV0aGVudGljYXRpb24gQ0EgRFYgUjM2
MB4XDTI1MTEwMzAwMDAwMFoXDTI2MTIwNDIzNTk1OVowGDEWMBQGA1UEAwwNKi5r
dG1iLmNvbS5teTCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBALabrLAa
pAqE8vdzD+umtrkZgv+wV++qKtgYcFHXOJ9mGE7aXFP2/uOtuPzC/h30JAGq8hhi
zX6bX+gQyhRR6OR6pD7QHh/d+xanG9dOGEvqaAZKnBNFHapMRN0xoZGGNSFNSb7m
+3YdnT21EK4LjpoviuJ3xIqF519SynbVjxTrFC/YfYsMhmC84djIljczsdUK++wM
A44xU7zmBtQGzh4HcIqa+xIakiOiMKBPPc3zJVZ/n/fcZVvGN2kVQBfyz08xa1kt
amio7201G6dq6KHh45Bdqa1/1xsyISVuvODusXm4bGXnHY+QeQqTLip17O2hdkTF
XiDHsdswV6lDxCECAwEAAaOCAvAwggLsMB8GA1UdIwQYMBaAFGjAEhYYDq/O9oem
MlejRlFdywcnMB0GA1UdDgQWBBSw5d6X0rOlfh0BcPMk0NZ3h1S5EjAOBgNVHQ8B
Af8EBAMCBaAwDAYDVR0TAQH/BAIwADATBgNVHSUEDDAKBggrBgEFBQcDATBJBgNV
HSAEQjBAMDQGCysGAQQBsjEBAgIHMCUwIwYIKwYBBQUHAgEWF2h0dHBzOi8vc2Vj
dGlnby5jb20vQ1BTMAgGBmeBDAECATCBhAYIKwYBBQUHAQEEeDB2ME8GCCsGAQUF
BzAChkNodHRwOi8vY3J0LnNlY3RpZ28uY29tL1NlY3RpZ29QdWJsaWNTZXJ2ZXJB
dXRoZW50aWNhdGlvbkNBRFZSMzYuY3J0MCMGCCsGAQUFBzABhhdodHRwOi8vb2Nz
cC5zZWN0aWdvLmNvbTAlBgNVHREEHjAcgg0qLmt0bWIuY29tLm15ggtrdG1iLmNv
bS5teTCCAXwGCisGAQQB1nkCBAIEggFsBIIBaAFmAHUA2AlVO5RPev/IFhlvlE+F
q7D4/F6HVSYPFdEucrtFSxQAAAGaR+FuCQAABAMARjBEAiBX1/485ldzvXa4mim2
VYzPlpA9Q3o1oBlgu3S4ETPahQIgK+c1FQ8msNnLxWmEtNtX56zfY4yv7IOyeEiX
W4N7qYcAdQCvZ4g7V7BO3Y+m2X72LqjrgQrHcWDwJF5V1gwv54WHOgAAAZpH4W55
AAAEAwBGMEQCIFQIC701hcqgrtQi2goykLhIqi2Ke0Bhu1VrrfUPT42ZAiBphoE0
Oo5hbaHnYSNiegaVUvzFGWDv9WqvY7Cg5QMBygB2AKyrMHBs6+yEMfQT0vSRXxEe
QiRDsfKmjE88KzunHglDAAABmkfhbdAAAAQDAEcwRQIgeb1Leflnx3NA5M0XohpK
dSZUebDlAxewt7AAMlz5zDICIQDq7lKvDeb8eGnOGdSrPI1dVAXGbt3u8eMjgOOZ
a7i/ATANBgkqhkiG9w0BAQsFAAOCAYEAMNdhHNRoNo1eUmWLQbhEFPzJMpZgwfEF
m/bCWGu0RpTyyh1866uNhjd74XVO9jEANSaZbJsKerm2vzixL4qK73cMkzH0QBQz
jVNlWqonNTNlnBICUCgB5T6VvG72wa9p/es3kZzfmLqxLrKX3zIs+rOH0CSSy4o6
wK0J34NHLR+EJpcFSolbfTbFmJVgkyWmVH5m7Qyqag3SCevrQFh4u5RPDrW6nIPr
Ur2arIWRAxBXfcy21cU/7Qz3e2pAEkwkocmcp41Ioj1x1HU67QMFYK64vLYEPt0b
lWvySatkV+p31lLX1pFolO/0qV66vq4KAslqHekBac82T8ncoWLhE98y4giNhsUd
3tUMFrckjcj3oIkJgQTpJ6GvIjsclxfHII7hRCijMhqJEkE1MWXaw6/eq9IVdl6s
UIT1ct5OqPl7p/u+yt1se+ekXLWHbC8Fyf0qF7odxH4VlKBUKgwlIJSEdrFX8HHg
aVTlCRK9fliUHq8QXvFOJyFc/fMq1qsJ
-----END CERTIFICATE-----
 1 s:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA DV R36
   i:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
   a:PKEY: rsaEncryption, 3072 (bit); sigalg: RSA-SHA384
   v:NotBefore: Mar 22 00:00:00 2021 GMT; NotAfter: Mar 21 23:59:59 2036 GMT
-----BEGIN CERTIFICATE-----
MIIGTDCCBDSgAwIBAgIQOXpmzCdWNi4NqofKbqvjsTANBgkqhkiG9w0BAQwFADBf
MQswCQYDVQQGEwJHQjEYMBYGA1UEChMPU2VjdGlnbyBMaW1pdGVkMTYwNAYDVQQD
Ey1TZWN0aWdvIFB1YmxpYyBTZXJ2ZXIgQXV0aGVudGljYXRpb24gUm9vdCBSNDYw
HhcNMjEwMzIyMDAwMDAwWhcNMzYwMzIxMjM1OTU5WjBgMQswCQYDVQQGEwJHQjEY
MBYGA1UEChMPU2VjdGlnbyBMaW1pdGVkMTcwNQYDVQQDEy5TZWN0aWdvIFB1Ymxp
YyBTZXJ2ZXIgQXV0aGVudGljYXRpb24gQ0EgRFYgUjM2MIIBojANBgkqhkiG9w0B
AQEFAAOCAY8AMIIBigKCAYEAljZf2HIz7+SPUPQCQObZYcrxLTHYdf1ZtMRe7Yeq
RPSwygz16qJ9cAWtWNTcuICc++p8Dct7zNGxCpqmEtqifO7NvuB5dEVexXn9RFFH
12Hm+NtPRQgXIFjx6MSJcNWuVO3XGE57L1mHlcQYj+g4hny90aFh2SCZCDEVkAja
EMMfYPKuCjHuuF+bzHFb/9gV8P9+ekcHENF2nR1efGWSKwnfG5RawlkaQDpRtZTm
M64TIsv/r7cyFO4nSjs1jLdXYdz5q3a4L0NoabZfbdxVb+CUEHfB0bpulZQtH1Rv
38e/lIdP7OTTIlZh6OYL6NhxP8So0/sht/4J9mqIGxRFc0/pC8suja+wcIUna0HB
pXKfXTKpzgis+zmXDL06ASJf5E4A2/m+Hp6b84sfPAwQ766rI65mh50S0Di9E3Pn
2WcaJc+PILsBmYpgtmgWTR9eV9otfKRUBfzHUHcVgarub/XluEpRlTtZudU5xbFN
xx/DgMrXLUAPaI60fZ6wA+PTAgMBAAGjggGBMIIBfTAfBgNVHSMEGDAWgBRWc1hk
lfmSGrASKgRieaFAFYghSTAdBgNVHQ4EFgQUaMASFhgOr872h6YyV6NGUV3LBycw
DgYDVR0PAQH/BAQDAgGGMBIGA1UdEwEB/wQIMAYBAf8CAQAwHQYDVR0lBBYwFAYI
KwYBBQUHAwEGCCsGAQUFBwMCMBsGA1UdIAQUMBIwBgYEVR0gADAIBgZngQwBAgEw
```

```
VAYDVR0fBE0wSzBJoEegRYZDaHR0cDovL2NybC5zZWN0aWdvLmNvbS9TZWN0aWdv
UHVibGljU2VydmVyQXV0aGVudGljYXRpb25Sb290UjQ2LmNybDCBhAYIKwYBBQUH
AQEEeDB2ME8GCCsGAQUFBzAChkNodHRwOi8vY3J0LnNlY3RpZ28uY29tL1NlY3Rp
Z29QdWJsaWNTZXJ2ZXJBdXRoZW50aWNhdGlvblJvb3RSNDYucDdjMCMGCCsGAQUF
BzABhhdodHRwOi8vb2NzcC5zZWN0aWdvLmNvbTANBgkqhkiG9w0BAQwFAAOCAgEA
YtOC9Fy+TqECFw40IospI92kLGgoSZGPOSQXMBqmsGWZUQ7rux7cj1du6d9rD6C8
ze1B2eQjkrGkIL/OF1s7vSmgYVafsRoZd/IHUrkoQvX8FZwUsmPu7amgBfaY3g+d
q1x0jNGKb6I6Bzdl6LgMD9qxp+3i7GQOnd9J8LFSietY6Z4jUBzVoOoz8iAU84OF
h2HhAuiPw1ai0VnY38RTI+8kepGWVfGxfBWzwH9uIjeooIeaosVFvE8cmYUB4TSH
5dUyD0jHct2+8ceKEtIoFU/FfHq/mDaVnvcDCZXtIgitdMFQdMZaVehmObyhRdDD
4NQCs0gaI9AAgFj4L9QtkARzhQLNyRf87Kln+YU0lgCGr9HLg3rGO8q+Y4ppLsOd
unQZ6ZxPNGIfOApbPVf5hCe58EZwiWdHIMn9lPP6+F404y8NNugbQixBber+x536
WrZhFZLjEkhp7fFXf9r32rNPfb74X/U90Bdy4lzp3+X1ukh1BuMxA/EEhDoTOS3l
7ABvc7BYSQubQ2490OcdkIzUh3ZwDrakMVrbaTxUM2p24N6dB+ns2zptWCva6jzW
r8IWKIMxzxLPv5Kt3ePKcUdvkBU/smqujSczTzzSjIoR5QqQA6lN1ZRSnuHIWCvh
JEltkYnTAH41QJ6SAWO66GrrUESwN/cgZzL4JLEqz1Y=
-----END CERTIFICATE-----
 2 s:C = US, ST = New Jersey, L = Jersey City, O = The USERTRUST Network, CN = USERTrust RSA Certification Authority
   i:C = US, ST = New Jersey, L = Jersey City, O = The USERTRUST Network, CN = USERTrust RSA Certification Authority
   a:PKEY: rsaEncryption, 4096 (bit); sigalg: RSA-SHA384
   v:NotBefore: Feb  1 00:00:00 2010 GMT; NotAfter: Jan 18 23:59:59 2038 GMT
-----BEGIN CERTIFICATE-----
MIIF3jCCA8agAwIBAgIQAf1tMPyjylGoG7xkDjUDLTANBgkqhkiG9w0BAQwFADCB
iDELMAkGA1UEBhMCVVMxEzARBgNVBAgTCk5ldyBKZXJzZXkxFDASBgNVBAcTC0pl
cnNleSBDaXR5MR4wHAYDVQQKExVUaGUgVVNFUlRSVVNUIE5ldHdvcmsxLjAsBgNV
BAMTJVVTRVJUcnVzdCBSU0EgQ2VydGlmaWNhdGlvbiBBdXRob3JpdHkwHhcNMTAw
MjAxMDAwMDAwWhcNMzgwMTE4MjM1OTU5WjCBiDELMAkGA1UEBhMCVVMxEzARBgNV
```

## HTTP Response Evidence

### IPv4 HTTP (port 80)

| | |
|---|---|
| **HTTP Status** | 200 |
| **Connected IP** | 1.9.14.68 |
| **Connect Time** | 7.73 ms |
| **TTFB** | 33.71 ms |
| **Total Time** | 33.81 ms |

**Response Headers:**


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Content-Length: 143",
    "2": "Content-Type: text/html; charset=UTF-8",
    "3": "Location: https://ktmb.com.my/",
    "4": "Server:XXXXXXXXXXXXXXXXX",
    "5": "Date: Sat, 08 Aug 2026 10:30:35 GMT",
    "6": "Set-Cookie: cookiesession1=678B2869727F8D5CBB749358FBE4900C;Expires=Sun, 08 Aug 2027 10:47:51 GMT;Path=/;HttpOnly",
    "7": "X-Frame-Options: SAMEORIGIN",
    "8": "X-Content-Type-Options: nosniff",
    "9": "X-XSS-Protection: 1; mode=block",
    "11": "HTTP/1.1 200 OK",
    "12": "Content-Length: 35160",
    "13": "Content-Type: text/html",
    "14": "Last-Modified: Fri, 07 Aug 2026 02:55:37 GMT",
    "15": "Accept-Ranges: bytes",
    "16": "ETag: \"97ea5e391826dd1:0\"",
    "17": "Server:XXXXXXXXXXXXXXXXX",
    "18": "Date: Sat, 08 Aug 2026 10:30:35 GMT",
    "19": "Set-Cookie: cookiesession1=678B2869989690258310E68EC609B001;Expires=Sun, 08 Aug 2027 10:47:51 GMT;Path=/;HttpOnly",
    "20": "X-Frame-Options: SAMEORIGIN",
    "21": "X-Content-Type-Options: nosniff",
    "22": "X-XSS-Protection: 1; mode=block"
}
```


### IPv4 HTTPS (port 443)

| | |
|---|---|
| **HTTP Status** | 200 |
| **Connected IP** | 1.9.14.68 |
| **Connect Time** | 3.24 ms |
| **TTFB** | 26.68 ms |
| **Total Time** | 26.73 ms |

**Response Headers:**


```
[
    "HTTP/1.1 200 OK",
    "Content-Length: 35160",
    "Content-Type: text/html",
    "Last-Modified: Fri, 07 Aug 2026 02:55:37 GMT",
    "Accept-Ranges: bytes",
    "ETag: \"97ea5e391826dd1:0\"",
    "Server:XXXXXXXXXXXXXXXXX",
    "Date: Sat, 08 Aug 2026 10:30:35 GMT",
    "Set-Cookie: cookiesession1=678B28690E740051DC47A6DD901D3966;Expires=Sun, 08 Aug 2027 10:47:51 GMT;Path=/;HttpOnly",
    "X-Frame-Options: SAMEORIGIN",
    "X-Content-Type-Options: nosniff",
    "X-XSS-Protection: 1; mode=block"
]
```


## Connectivity Test Evidence

| Test | Result |
|---|---|
| **TCP Connect IPv4 → port 80** | 301 0.002613 0.008317 |
| **TCP Connect IPv4 → port 443** | 200 0.002651 0.042044 |

## 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
```