IPv6 Readiness Report

klk.com.my — klk.com.my

Scan to verify

Category: Enterprise • Generated: 02 Nov 2026, 03:06 MYT • Last Checked: 08 Aug 2026, 18:30 MYT • Verification ID: e24996f4-56bf-4b30-b109-4f8f33755c82
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/e24996f4-56bf-4b30-b109-4f8f33755c82

✗

Non-Compliant

MGv6C-1.0

28%

No IPv6 Support

IPV6-ONLY READINESS

Website: ✗ **Not Ready**

DNS: ✗ **Not Ready**

Email: ✗ **Not Ready**

IPV4 ADDRESSES

`103.86.179.184`

Network Information (WHOIS / RDAP)

	IPv4 Network
Organization	Titan System Integration Sdn Bhd
Country	MY
ASN	AS136412
ASN Name	TSI-AS-AP - Titan System Integration Sdn Bhd, MY
Network (CIDR)	103.86.178.0/23

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**	PASS	RRSIG signatures are current and valid.

#	CHECK	RESULT	DETAIL
8	**Signing Algorithm**	INFO	ECDSAP256SHA256

Email Services (25%) 3 / 6

#	CHECK	RESULT	DETAIL
1	**MX Record Exists**	PASS	MX record found.
2	**MX Server Has IPv6**	FAIL	MX server has no IPv6 address.
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: selector1._domainkey
7	**DMARC Record**	PASS	DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	**A Record**	PASS	103.86.179.184
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 669ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 19ms TTFB.

Audit Trail & Evidence Record

Verification ID	e24996f4-56bf-4b30-b109-4f8f33755c82
Domain	klk.com.my
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:29:57 MYT
Finished	08 Aug 2026, 18:30:02 MYT
Test Node Profile	ipv6 only
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/e24996f4-56bf-4b30-b109-4f8f33755c82

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	90121744a6c934274a8becf94acfd88fd80a24ba076cedb6d23dabf1580cd69b
http_headers	703c31b50eceeecb1fe678c8ca417ef47f64269cc9bf589b647e3161c5e3e9b5
dns_responses	47324e55cfc1e6c098ac5d5adf42ee766cc24b91f166147058ec250553eefe04
tls_handshake	2f8e480177e5ebf72e84d726940d14eb8bd056aab6e5382c07696fa509aa7784
connectivity_log	1e944bef7a5358577df5c5193132f7b83cdfce5f6d2ba81b35f4e50ea42c99e2
dns_resolution_times	6831d41fa59e58ddf74cc33af2255bc950cfa262d406efa4bc0d09be979d106c

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	22.28	22.94	21.46	22.11	-0.8
Google	IPv4	42.82	147.13	153.98	159.03	+111.2
Google	IPv6	148.97	149.08	402.23	469.53	+253.3
Cloudflare	IPv4	35.72	37.11	64.51	101.79	+28.8
Cloudflare	IPv6	60.76	91.07	32.08	49.52	-28.7

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 25648
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
klk.com.my.□□1800□IN□A□103.86.179.184
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 27403
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my.□□□3087□IN□SOA□e.nic.my. hostmaster.nic.my. 2026062862 1800 900 604800 3600
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 31088
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
klk.com.my.□□1800□IN□MX□20 cluster9a.us.messagelabs.com.
klk.com.my.□□1800□IN□MX□10 cluster9.us.messagelabs.com.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 57989
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
klk.com.my.□□1800□IN□NS□ns1.hawkdns.net.
klk.com.my.□□1800□IN□NS□ns2.hawkdns.net.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 6133
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
klk.com.my.□□1800□IN□TXT□"sophos-domain-verification=203eeaef6038923e349e1ac438caca72557026f3"
klk.com.my.□□1800□IN□TXT□"v=spf1 ip4:203.115.199.31 include:spf.protection.outlook.com -all"
klk.com.my.□□1800□IN□TXT□"sophos-domain-verification=9103d5822c987f6472b4010f55e2a25ad9682bcde515a30f7ca905f0e981aa47"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 40693
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
klk.com.my.□□900□IN□SOA□ns1.hawkdns.net. adm_1213443.whoisprotection.cc. 2026040305 14400 300 1209600 900
```

RRSIG

```
ns1.hawkdns.net. adm_1213443.whoisprotection.cc. 2026040305 14400 300 1209600 900
SOA 13 3 1800 20260820000000 20260730000000 46125 klk.com.my. ww9CSf6oqOKwwBRcKi2Gg8AJlfB7uj4gfoyP4IEit1c93vy+UguLB08Q 68N23XjSpms+f5SHiM6aiBXtk8XUDQ==
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 45797
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
klk.com.my.□□898□IN□DNSKEY□257 3 13 q8h5ehMD+29iX7Ha7DBDC0WHldabYU2/UA1R8nSu6RZnvmZWB3qJGUo4 3RigkAYPGyLxoTR+XeVCYkufjPWN9w==
```

DNSSEC_VALIDATION

```
;; validating klk.com.my/SOA: no valid signature found
; unsigned answer
klk.com.my.□□1798□IN□SOA□ns1.hawkdns.net. adm_1213443.whoisprotection.cc. 2026040305 14400 300 1209600 900
klk.com.my.□□1798□IN□RRSIG□SOA 13 3 1800 20260820000000 20260730000000 46125 klk.com.my. ww9CSf6oqOKwwBRcKi2Gg8AJlfB7uj4gfoyP4IEit1c93vy+UguLB08Q
68N23XjSpms+f5SHiM6aiBXtk8XUDQ==
```

TLS Handshake Evidence

IPV4 Connection

IP Used	103.86.179.184
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 OV R36
verify return:1
depth=0 C = MY, ST = Perak, O = Kuala Lumpur Kepong Berhad, CN = *.klk.com.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = MY, ST = Perak, O = Kuala Lumpur Kepong Berhad, CN = *.klk.com.my
   i:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA OV R36
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Nov 13 00:00:00 2025 GMT; NotAfter: Dec 13 23:59:59 2026 GMT
-----BEGIN CERTIFICATE-----
MIIHCzCCBXOgAwIBAgIQfoam/myPkQwysWatAIjzzDANBgkqhkiG9w0BAQsFADBg
MQswCQYDVQQGEwJHQjEYMBYGA1UEChMPU2VjdGlnbyBMaW1pdGVkMTcwNQYDVQQD
Ey5TZWN0aWdvIFB1YmxpYyBTZXJ2ZXIgQXV0aGVudGljYXRpb24gQ0EgT1YgUjM2
MB4XDTI1MTExMzAwMDAwMFoXDTI2MTIxMzIzNTk1OVowWTELMAkGA1UEBhMCTVkx
DjAMBgNVBAgTBVBlcmFrMSMwIQYDVQQKExpLdWFsYSBMdW1wdXIgS2Vwb25nIEJl
cmhhZDEVMBMGA1UEAwwMKi5rbGsuY29tLm15MIIBIjANBgkqhkiG9w0BAQEFAAOC
AQ8AMIIBCgKCAQEA847wQDunyZrJ+tmwtpVfesWFKxyUWCFhiylSRTXwI+tpHdh6
IVTybmKfZ/BJW+pEOnYZ/ajhc/imYW7ryc7q8dDDYPVJKpxJWPmV34/+7stsgvHL
AaVqpEr4brNILjeS3B7Lz4R7T/ODjkaknf1ZI65VavgBIWv6qxvZaDGsJLDtCpX+
AIU0/wGu3nl3ELiT/hFv/KiIRdVhSssa1wf5WhFIBBBHTkFp99YEP6krD3f3sbrK
AYeBIUOGMHKlXOlcAF/1t9pOHF84yJPRMNZifm83yjI5pkUvtw5SLiY01B0Df2iY
3y8lSCSFYW0DRMIz3HkJGpwU/Qk4W9pLL8qbAwIDAQABo4IDRjCCA0IwHwYDVR0j
BBgwFoAU42Z0u3BojSxdTg6mSo+bNyKcgpIwHQYDVR0OBBYEFMAfm4DspV2/9IEe
JaxJ/G4chO67MA4GA1UdDwEB/wQEAwIFoDAMBgNVHRMBAf8EAjAAMBMGA1UdJQQM
MAoGCCsGAQUFBwMBMEoGA1UdIARDMEEwNQYMKwYBBAGyMQECAQMEMCUwIwYIKwYB
BQUHAgEWF2h0dHBzOi8vc2VjdGlnby5jb20vQ1BTMAgGBmeBDAECAjBUBgNVHR8E
TTBLMEmgR6BFhkNodHRwOi8vY3JsLnNlY3RpZ28uY29tL1NlY3RpZ29QdWJsaWNT
ZXJ2ZXJBdXRoZW50aWNhdGlvbkNBT1ZSMzYuY3JsMIGEBggrBgEFBQcBAQR4MHYw
TwYIKwYBBQUHMAKGQ2h0dHA6Ly9jcnQuc2VjdGlnby5jb20vU2VjdGlnb1B1Ymxp
Y1NlcnZlckF1dGhlbnRpY2F0aW9uQ0FPVlIzNi5jcnQwIwYIKwYBBQUHMAGGF2h0
dHA6Ly9vY3NwLnNlY3RpZ28uY29tMCMGA1UdEQQcMBqCDCoua2xrLmNvbS5teYIK
a2xrLmNvbS5teTCCAX0GCisGAQQB1nkCBAIEggFtBIIBaQFnAHYA2AlVO5RPev/I
FhlvlE+Fq7D4/F6HVSYPFdEucrtFSxQAAAGae591pAAABAMARzBFAiA9EAb6K4Lx
BLBPPw1ipfgDrVTEHA//mJc6v42Mph6TDAIhAMmcJ+Py+Fam2jJZuTJCM5EFTqDN
Lr3HiChlKPjTPsCnAHUAr2eIO1ewTt2Pptl+9i6o64EKx3Fg8CReVdYML+eFhzoA
AAGae592WQAABAMARjBEAiBr3RSYGhXH7aRESHUb9uFhT19RlFm4H/5yY2ZSCBB4
9QIgaxbqVf+DPtOY/fIJXVwl59qU9WHI18SFcJ2HHTbEQLQAdgCsqzBwbOvshDH0
E9L0kV8RHkIkQ7HypoxPPCs7px4CwwAAAZp7n3WJAAAEAwBHMEUCICES680zSKEf
/ZjbsHGHtkzqMSQdcHCKyYcdmvBAKracAiEA7gQ3oG6S+JqM5FJi5DNdWe7GBPwI
ZaqxTKU+93lqSCIwDQYJKoZIhvcNAQELBQADggGBAFpVSi7qsIbnGJ28JNUFSC7+
mMOe9QthHqL/pOtLtn9RCD59/MDfXgEIDhorBIQF/Fft5Xto/XVjrbf56t3IX1R0
8HUBR27JsueSKgdgsiKfx98Qf3rJKEAq7yWz3eoEGrskbbA/Ky0ttQ0WQd2BB8ZP
0/MRKtTB0ujMN2voTj6a+giCVZAvFFPuztov1xEqbVAb/9OpfA8PZhJg6klO7PQK
g7iQNzjt329DG2jjcYemneVdkz/JWWnbxhcWwP5jQmZpdBQyA9zfFnCBgy8MIrma
tiWlVFdGLxjYexrqYJioN7x5/uOrVDkd/8OJ9Zv5dRgLelM0wTfhW/ew6b2agxnd
szlT4u6RQ0E7wt5A1awF07HVBbyTFLHOzQpqMiIFVp4up+YbnWufGGQSF25kURwq
HCmu7keD4p4niO/VerUJIWi3eFskBlVrxSGu5PmHHvB0yeFgczsFtYPBRI+5gDan
QnaqlxsyrgI7Tdiy0SpaUnn7xy3zowk5Fw0EoodZfA==
-----END CERTIFICATE-----
 1 s:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA OV 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-----
MIIGTDCCBDSgAwIBAgIQLBo8dulD3d3/GRsxiQrtcTANBgkqhkiG9w0BAQwFADBf
MQswCQYDVQQGEwJHQjEYMBYGA1UEChMPU2VjdGlnbyBMaW1pdGVkMTYwNAYDVQQD
Ey1TZWN0aWdvIFB1YmxpYyBTZXJ2ZXIgQXV0aGVudGljYXRpb24gUm9vdCBSNDYw
HhcNMjEwMzIyMDAwMDAwWhcNMzYwMzIxMjM1OTU5WjBgMQswCQYDVQQGEwJHQjEY
MBYGA1UEChMPU2VjdGlnbyBMaW1pdGVkMTcwNQYDVQQDEy5TZWN0aWdvIFB1Ymxp
YyBTZXJ2ZXIgQXV0aGVudGljYXRpb24gQ0EgT1YgUjM2MIIBojANBgkqhkiG9w0B
AQEFAAOCAY8AMIIBigKCAYEApkMtJ3R06jo0fceI0M52B7K+TyMeGcv2BQ5AVc3j
lYt76TvHIu/nNe22W/RJXX9rWUD/2GE6GF5x0V4bsY7K3IeJ8E7+KzG/TGboySfD
u+F52jqQBbY62ofhYjMeiAbLI02+FqwHeM8uIrUtcX8b2RCxF358TB0NHVccAXZc
FYgZndZCeXxjuca7pJJ20LLUnXtgXcjAE1vY4WvbReW0W6mkeZyNGdmpTcFs5Y+s
yy6LtE5Zocji9J9NlNnReox2RWVyEXpA1ChZ4gqN+ZpVSIQ0HBorVFbBKyhdZyEX
gZgNSNtBRwxqwIzJePJhYd4ZUhO1vk+/uP3nwDk0p95q/j7naXNCSvESnrHPypaB
WRK066nKfPRPi9m9kIOhMdYfS8giFRTcdgL24Ycilj7ecAK9Trh0VbjwouJ4WH+x
bt47u68ZFCD/ac55I0DNHkCpaPruj6e9Rmr7K46wZDAYXuEAqB7tGG/jd6JAA+H2
O44CV98NRsU213f1kScIZntNAgMBAAGjggGBMIIBfTAfBgNVHSMEGDAWgBRWc1hk
```

```
lfmSGrASKgRieaFAFYghSTAdBgNVHQ4EFgQU42Z0u3BojSxdTg6mSo+bNyKcgpIw
DgYDVR0PAQH/BAQDAgGGMBIGA1UdEwEB/wQIMAYBAf8CAQAwHQYDVR0lBBYwFAYI
KwYBBQUHAwEGCCsGAQUFBwMCMBsGA1UdIAQUMBIwBgYEVR0gADAIBgZngQwBAgIw
VAYDVR0fBE0wSzBJoEegRYZDaHR0cDovL2NybC5zZWN0aWdvLmNvbS9TZWN0aWdv
UHVibGljU2VydmVyQXV0aGVudGljYXRpb25Sb290UjQ2LmNybDCBhAYIKwYBBQUH
AQEEeDB2ME8GCCsGAQUFBzAChkNodHRwOi8vY3J0LnNlY3RpZ28uY29tL1NlY3Rp
Z29QdWJsaWNTZXJ2ZXJBdXRoZW50aWNhdGlvblJvb3RSNDYucDdjMCMGCCsGAQUF
BzABhhdodHRwOi8vb2NzcC5zZWN0aWdvLmNvbTANBgkqhkiG9w0BAQwFAAOCAgEA
BZXWDHWC3cubb/e1I1kzi8lPFiK/ZUoH09ufmVOrc5ObYH/XKkWUexSPqRkwKFKr
7r8OuG+p7VNB8rifX6uopqKAgsvZtZsq7iAFw04To6vNcxeBt1Eush3cQ4b8nbQR
MQLChgEAqwhuXp9P48T4QEBSksYav7+aFjNySsLYlPzNqVM3RNwvBdvp6vgDtGwc
xlKQZVuuNVIaoYyls8swhxDeSHKpRdxRauTLZ+pl+wGvy0pnrLEJGSz9mOEmfbod
e/XopR2NGqaHJ6bIjyxPu6UtyQGI26En7UAEozACrHz06Nx2jTAY9E6NeB6XuobE
wLK025ZRmvglcURG1BrV24tGHHTgxCe8M3oGlpUSMTKQ2dkgljZVYt+gKdFtWELZ
MuRdi+X3XsrR8LFz+aLUiDRfQqhmw3RxjIyVKvvu9UPYY1nsvxYmFnUSeM+2q1z/
iPUry+xDY9MC6+IhleKT094VKdFVp7LXH42+wvU+17lRolQ2mK2N/nBLVBwaIhib
QXw4VYKwB86Bc6eS6iqsc94KEgD/U4VsjmgfhK+Xp4NM+VYzTTa3QeV3p8xOM0cw
q1p8oZFA+OBcz3FYWpDIe5j0NWKlw9hXsTyPY/HeZUV59akskSOSRSmDfe8wJDPX
58uB9/7lud0G3x0pxQAcffP0ayKavNwDTw4UfJ34cEw=
-----END CERTIFICATE-----
 2 s:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
   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: Mar 22 00:00:00 2021 GMT; NotAfter: Jan 18 23:59:59 2038 GMT
-----BEGIN CERTIFICATE-----
MIIGlTCCBH2gAwIBAgIRANJ/u8HeNZ5SFq1hSVhgmcQwDQYJKoZIhvcNAQEMBQAw
gYgxCzAJBgNVBAYTAlVTMRMwEQYDVQQIEwpOZXcgSmVyc2V5MRQwEgYDVQQHEwtK
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	103.86.179.184
Connect Time	12.02 ms
TTFB	39.48 ms
Total Time	39.61 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Server: nginx",
    "2": "Date: Sat, 08 Aug 2026 10:30:02 GMT",
    "3": "Content-Type: text/html; charset=iso-8859-1",
    "4": "Content-Length: 267",
    "5": "Connection: keep-alive",
    "6": "Location: https://klk.com.my/",
    "7": "Expires: Sat, 08 Aug 2026 10:31:02 GMT",
    "8": "Cache-Control: max-age=60",
    "9": "X-XSS-Protection: 1; mode=block",
    "10": "X-Content-Type-Options: nosniff",
    "11": "X-Nginx-Upstream-Cache-Status: MISS",
    "12": "X-Server-Powered-By: Engintron",
    "14": "HTTP/2 301",
    "15": "server: nginx",
    "16": "date: Sat, 08 Aug 2026 10:30:02 GMT",
    "17": "content-type: text/html; charset=iso-8859-1",
    "18": "content-length: 271",
    "19": "location: https://www.klk.com.my/",
    "20": "expires: Sat, 08 Aug 2026 10:31:02 GMT",
    "21": "cache-control: max-age=60",
    "22": "x-xss-protection: 1; mode=block",
    "23": "x-content-type-options: nosniff",
    "24": "x-nginx-upstream-cache-status: MISS",
    "25": "x-server-powered-by: Engintron",
    "27": "HTTP/2 200",
    "28": "server: nginx",
    "29": "date: Sat, 08 Aug 2026 10:30:02 GMT",
    "30": "content-type: text/html; charset=UTF-8",
    "31": "vary: Accept-Encoding",
    "32": "link: <https://www.klk.com.my/>; rel=shortlink",
    "33": "referrer-policy: no-referrer-when-downgrade",
    "34": "expires: Sat, 08 Aug 2026 10:31:02 GMT",
    "35": "cache-control: max-age=60",
    "36": "x-xss-protection: 1; mode=block",
    "37": "x-content-type-options: nosniff",
    "38": "x-nginx-upstream-cache-status: HIT",
    "39": "x-server-powered-by: Engintron"
}
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	103.86.179.184
Connect Time	8.13 ms
TTFB	35.92 ms
Total Time	36 ms

Response Headers:


```
{
    "0": "HTTP/2 301",
    "1": "server: nginx",
    "2": "date: Sat, 08 Aug 2026 10:30:02 GMT",
    "3": "content-type: text/html; charset=iso-8859-1",
    "4": "content-length: 271",
    "5": "location: https://www.klk.com.my/",
    "6": "expires: Sat, 08 Aug 2026 10:31:02 GMT",
    "7": "cache-control: max-age=60",
    "8": "x-xss-protection: 1; mode=block",
    "9": "x-content-type-options: nosniff",
```

```
    "10": "x-nginx-upstream-cache-status: MISS",
    "11": "x-server-powered-by: Engintron",
    "13": "HTTP/2 200",
    "14": "server: nginx",
    "15": "date: Sat, 08 Aug 2026 10:30:02 GMT",
    "16": "content-type: text/html; charset=UTF-8",
    "17": "vary: Accept-Encoding",
    "18": "link: <https://www.klk.com.my/>; rel=shortlink",
    "19": "referrer-policy: no-referrer-when-downgrade",
    "20": "expires: Sat, 08 Aug 2026 10:31:02 GMT",
    "21": "cache-control: max-age=60",
    "22": "x-xss-protection: 1; mode=block",
    "23": "x-content-type-options: nosniff",
    "24": "x-nginx-upstream-cache-status: HIT",
    "25": "x-server-powered-by: Engintron"
}
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.002521 0.006805
TCP Connect IPv4 → port 443	301 0.002330 0.057427

Test Node Network Evidence

Node Profile	ipv6 only

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
```