

IPv6 Readiness Report

klk.com.my — klk.com.my



Scan to verify

Category: Enterprise • Generated: 30 Jul 2026, 07:49 MYT • Last Checked: 04 Jul 2026, 03:45 MYT • Verification ID: aa520dd0-5db1-4fbe-ac38-e83269045808
Report generated from National IPv6 Readiness Monitor — <https://ipv6.my6.my>
Audit trail: <https://ipv6.my6.my/audit/aa520dd0-5db1-4fbe-ac38-e83269045808>

X

Non-Compliant

MGv6C-1.0

28%

No IPv6 Support

IPv6-ONLY READINESS

Website: X Not Ready

DNS: X Not Ready

Email: X 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 — 536ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 23ms TTFB.

Audit Trail & Evidence Record

Verification ID	aa520dd0-5db1-4fbe-ac38-e83269045808
Domain	klk.com.my
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:45:55 MYT
Finished	04 Jul 2026, 03:45:59 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/aa520dd0-5db1-4fbe-ac38-e83269045808

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	1f6d434672d468d6e9ebd44b6cdcaaf1347d22672e78fc7548ad626eb9375d62
http_headers	25d3fb486c58b6e0ced0ed550a87262db934a5544cf31e34a6c9ad855014049d
dns_responses	fa8b4f5a38c6f7cd3f1b0426619658979453b6241f54b4ae07578f7f25ba2961
tls_handshake	c9c2bda2cff55ee9c1ef85f82b838918915046aa43fafff62734f42b0e607580
connectivity_log	3e2f348a66806c00be75d85a4d0e47eb15da12825de0b216a6a119edd2999c0e
dns_resolution_times	69633f82bd52ad65c08c9ca99e7cf3103f52960a095eeeb18a1cad7a17996fff

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	9.98	10.88	8.24	10.58	-1.7
Google	IPv4	33.88	38.8	18.98	46.05	-14.9
Google	IPv6	32.2	37.42	21.49	29	-10.7
Cloudflare	IPv4	22.59	22.71	10.69	21.7	-11.9
Cloudflare	IPv6	48.38	49.89	49.27	232.6	+0.9

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 21400
;; 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: 57666
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 2569 IN SOA e.nic.my. hostmaster.nic.my. 2026052755 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 2403
;; 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: 56806
;; 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: 33184
;; 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=9103d5822c987f6472b4010f55e2a25ad9682bcde515a30f7ca905f0e981aa47"
klk.com.my. 1800 IN TXT "sophos-domain-verification=203eeaeef6038923e349elac438caca72557026f3"
klk.com.my. 1800 IN TXT "v=spf1 ip4:203.115.199.31 include:spf.protection.outlook.com -all"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 28485
;; 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 20260716000000 20260625000000 46125 klk.com.my. 2xXiaC6jm7HFUGCaHLZXHjCQz4pPMrZAacNpz+8noYztnmw0UKvVESt3 BgTNbXyViqBdD6dKkAdoKMaRwsYzWA==
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 33393
;; 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 20260716000000 20260625000000 46125 klk.com.my. 2xXiaC6jm7HFUGCaHLZXHjCQz4pPMrZAacNpz+8noYztnmw0UKvVEST3
BgTNbXyViqBdD6dKkAdoKMaRwsYzWA==
```


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-----
MIIHczCCBX0gAwIBAgIQfoam/myPkQwysWatAIjzzDANBgkqhkiG9w0BAQsFADBg
MQswCQYDVQQGEwJH0jEYMBYGA1UEChMPU2VjdGlnbyBMaW1pdGVkMTcwNQYDVQQD
Ey5TZWN0aWdvIFB1YmtpYyBTZXJ2ZXIgaXQXV0aGVudGlyYXRpb24gQ0EgTlYgUjM2
MB4XDTI1MTEeMzAwMDAwMFoXDTI1MTI1MzIzNTk1OVowWTELMAGAIUEBHMCTVxk
DjAMBGNVBAgTBVBlcmFrMSMwIQYDVQQKEzpldWFsYSBMdWlwdXIgS2Vwb25nIEJl
cmhhZDEVMBMGA1UEAwMKi5rbGsuY29tLm15MIIIBIjANBgkqhkiG9w0BAQEFAAOCC
AQA8AMIIBCCgKCAQEA847wQDunyZrJ+tmwtpVfesWFKxyUWCPhiylSRTxWI+tpHdh6
IVTybmKfZ/BJW+pE0nYZ/ajhc/imYW7ryc7q8dDDYPVJKpxJWPmV34/+7stsgvHL
AaVqpEr4brNILjeS3B7Lz4R7T/ODjkaknf1ZIG65VavgBIWv6qxxZaDgsJLDtCpX+
AIU0/wGu3n13ELiT/hFv/KiIRdVhSssa1wf5WhFIbbHtkFp99YEP6krD3f3sbrK
AYeBIUOGMHKLX0lCAf/1t9p0HFB4yJPRMNziFm83yJiSpkUvtw5SLiY01B0df2iY
3y81SCSFYw0DRMiZ3HKjGpwU/Qk4W9pLL8qbAwIDAQABo4IDRjCCA0IwHwYDVR0j
BggwFoAU42Z0u3BojSxdTg6mSo+bNyKcgpIwHQYDVRR00BBYEFMAfm4DspV2/9IEe
JaxJ/G4ch067MA4GA1UdDwEB/wQEAwIFoDAMBgNVHRMBAf8EAjAAMBGA1UdJQOM
MAoGCCGAUQFBwMBMEOGA1UdIARDEMEwNQYMKwYBBAGYMQECAQMCMCUwIwYIKwYB
BOUHAQEFWF2h0dHBz0i8vc2VjdGlnby5jb29vQ1BTMAgGBmeBDAECAjBUBGNVHR8E
TTBLMEgR6BFhkNodHRw0i8vY3J5LnNlY3Rpd28uY29tLm15Y3Rpd29QdWJsaWNT
ZXJ2ZXJBdXRoZW50aWNoZGlbnkNBT1ZSMzYuY3J5MTEGEBggrBgEFBQcBAQR4MHYw
TWYIKwYBBQUHMAKQ2h0dHA6Ly9jcnQuc2VjdGlnby5jb29vU2VjdGlnb1B1Ymtp
Y1NlcnZlckF1dGh1bnRyY2F0aW9uQ0FpVlIzNi5jcnQwIwYIKwYBBQUHMAKGF2h0
dHA6Ly9vY3NwLnNlY3Rpd28uY29tMCMGA1UdEQQcMBQCDCoua2xrLmNvbS5teYIK
a2xrLmNvbS5teTCCAX0GCisGAQQB1nkCBAIEggfBTBIIBaQFnAHYA2AlV05RPev/I
FhlvLE+Fq7D4/F6HVSYPfDEucrtFSxQAAAGae591pAAABAMARzBFAiA9EAb6K4Lx
BLBPp1ipfgDrVTEHA/mJc6v24Mph6TDAIhAMmcJ+Py+Fam2jJZuTJCM5EFTQDN
Lr3HiCHLkPjTPsCnAHUAR2eIO1ewTt2Pptl+9i6o64EKx3Fg8CReVdYML+eFhzoA
AAgae592WQAABAMARjBEAiBr3RSYGHX7aRESHUb9uFht19RLfM4H/5yY2ZSCBB4
uHqIgaXbqVf+DPT0Y/fIJXVwLS9qU9WHI185FcJ2HHTbEQlQAdgCsqzBwb0vshDH0
E9L0kV8RHkIkQ7HypoxPPCs7px4CwwAAAZp7n3WJAAAEawBHMEUCICES680zSKEf
/ZjbsHGhtkzqM5QdCHKyYcdmvBAKracAiEA7q03oG65+JqM5FJi5DNdWe7GBpWi
ZaqxTKU+93lqSCiWdQYJKoZIhvcNAQELBQAdggBBAFvSi7qsIbnGJ28JNUFSC7+
mM0e90thHqL/p0tLtn9RCD59/MDfXgEIDhorBIQF/Fft5Xto/XVjrbrf56t3IX1R0
8HUBR27J3sueSKgdgsiKfx98Qf3rJKEAq7yWz3eoEGrskbbA/Ky0ttQ0WQd2BB8ZP
0/MRKtTB0ujMN2voTj6a+giCVZAVFFPuztov1xEqbVAb/90pfA8PZhJg6kL07POK
gtiQNZjt329DG2jJcYemneVdkz/JWwnbxcwP5yJmZpdB0yA9zFfncBgY8MIrma
tiwLVfDGLxjYexrqYJioN7x5/u0rVDkd/80J9Zv5dRgLemL0wTfhW/ew6b2agxnd
szlT4u6RQ0E7wt5A1awF07HVBbyTFLH0zQppMiIFvP4up+YbnWfUGGQSF25kURWq
Hcnu7keD4p4ni0/VerUJII3eFskBlVrxSGu5PmHvB0yeFgcZsFtYPBRI+5gDan
QnaqlXsyrG177diY0SpaUnn7xy3zowk5Fw0EoodZfA==
-----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
MQswCQYDVQQGEwJH0jEYMBYGA1UEChMPU2VjdGlnbyBMaW1pdGVkMTYwNQYDVQQD
Ey1TZWN0aWdvIFB1YmtpYyBTZXJ2ZXIgaXQXV0aGVudGlyYXRpb24gUm9vdCBsNDYw
HhcNMjEwMzIyMDAwMDAwMzIyMzI1MT01U2V5BgMQswCQYDVQQGEwJH0jEY
MBYGA1UEChMPU2VjdGlnbyBMaW1pdGVkMTcwNQYDVQQDEy5TZWN0aWdvIFB1Ymtp
YyBTZXJ2ZXIgaXQXV0aGVudGlyYXRpb24gQ0EgTlYgUjM2MIIBojANBgkqhkiG9w0B
AQEFAAOCAY8AMIIBigKCAYEApkMtJ3R06jo0fceI0M52B7K+TyMeGcv2BQ5AVc3j
lyt76TvHIu/nNe22W/RJXX9rWUD/2GE6GF5x0V4bsY7K3IeJ8E7+KzG/TGboySFd
u+H52jqQB6y62ofhYjMeiAbLI02+FqwHeM8uIrUctX8b2RCx3F58TB0NHVCxAXZc
FYgZndZCexJuca7pJJ20LLUnXtgXcjAE1vY4WvbReW0W6mkeZyNGdmpTcFs5Y+s
yy6Lte5Zocj9J9JNlnReox2RWVYExpA1ChZ4gqN+ZpV5I0HBoRVfBkYhdZyEX
gZgNSntBRwxqwiZJePjhYd4ZuH01vk+/uP3nwDk0p95q/j7naXNCsVsEnrHPypaB
wRK066nKfPRP19m9kIOhMdYfS8giFRTcdgL24YciLj7ecAK9Trh0VbjwouJ4WH+x
bt47u68ZFCD/ac5510DNHkCpaPrui6e9Rmr7K46wZDAYXuEAqB7tGG/jd6JAA+H2
044CV98NRsU213f1kScIZtnAgMBAAGjggGBMIIIBfTAFBgNVHSMGDAwGBRwc1hk
```

```
lfmSGrASKgRieaFAFYghSTAdBgNVHQ4EFgQU42Z0u3BojSxdTg6mSo+bNyKcgpIw
DgYDVR0PAQH/BAQDAgGMBIGAlUdEwEB/wQIMAYBAf8CAQAwHQYDVR0LBBYwFAYI
KwYBBQUHAWEGCCsGAQUFBwMCMBSGA1UdIAQUMBIwBgYEVR0gADAIKgZngQwBAgIw
VAYDVR0fBE0wSzBjOeEgRYZDaHR0cDovL2Nybc5zZWNoaWdvLmNvbS9TZWNoaWdv
UHVibGljU2VydmlVYQXV0aGVudGljYXRpb255b290UjQ2LmNybDCBhAYIKwYBBQUH
AQEEeDB2ME8GCCsGAQUFBzAChkNodHRwOi8vY3J0LnNlY3RpZ28uY29tLlNlY3Rp
Z29qdWJsaWNTZXJ2ZXJBdXRoZW50aWNoZGlvb1Jvb3RSNDYucDdjMCMGCCsGAQUF
BzABhdHdHRwOi8vb2NzcC5zZWNoaWdvLmNvbTANBgkqhkiG9w0BAQwFAAOCAGEA
BZXMdHWC3cubb/e1I1kzi81PFiK/ZUoH09ufmV0rc50bYH/XKkwUexSPqRkwKFKr
7r80UG+p7VNB8rifX6uopqKAgsVZtZsq7iAFw04To6vNcxeBt1Eush3cQ4b8nbQR
MQLChgEAqwhuXp9P48T4QEB5ksYav7+aFjNySsLYLPzNqVM3RNwvBdvp6vgDtGwc
x1KQZVuuNVIAoYyls8swhxDeSHKpRdxRautLZ+pl+wGvy0pnrLEJGSz9m0Emfbod
e/XopR2NGqaHJ6bIjyxPu6UtyQGI26En7UAEozACrHz06Nx2jTAY9E6NeB6XuobE
wLK025ZRmvglcURGIbrV24tGHHTgxCe8M3oGlpUSMTKQ2dkg1jZVYt+gKdFtWELZ
MuRdi+X3XsrR8LFz+aLUiDRfQqhmw3RxjIyVKvvu9UPYY1nsvxYmFnUSeM+2q1z/
iPUry+xDY9MC6+IhleKT094VKdFVp7LXH42+wwU+17lRo1Q2mK2N/nBLVBwaIhib
QXw4VYKwB86Bc6e56iqsc94KEgD/U4VsjpgfhK+Xp4NM+VYzTTa3QeV3p8x0M0cw
q1p8oZFA+0Bcz3FYWpDIe5j0NwKlw9hXsTyPY/HeZUV59akskS0SRSmDfe8wJDPX
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:PKKEY: 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/u8HeNZ55Fq1hSVhgmcQwDQYJKoZIhvcNAQEMBQAw
gYgxCzAJBgNVBAYTALVTMRMwEQYDVQIQIEwpOZXcgSmVyc2V5MRQwEgyYDVQOHEwtK
```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	103.86.179.184
Connect Time	11.81 ms
TTFB	32.79 ms
Total Time	32.88 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Server: nginx",
  "2": "Date: Fri, 03 Jul 2026 19:45:59 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: Fri, 03 Jul 2026 19:46:59 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: Fri, 03 Jul 2026 19:45:59 GMT",
  "17": "content-type: text/html; charset=iso-8859-1",
  "18": "content-length: 271",
  "19": "location: https://www.klk.com.my/",
  "20": "expires: Fri, 03 Jul 2026 19:46:59 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: EXPIRED",
  "25": "x-server-powered-by: Engintron",
  "27": "HTTP/2 200",
  "28": "server: nginx",
  "29": "date: Fri, 03 Jul 2026 19:45:59 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: Fri, 03 Jul 2026 19:46:59 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	6.56 ms
TTFB	25.98 ms
Total Time	26.02 ms

Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "server: nginx",
  "2": "date: Fri, 03 Jul 2026 19:45:59 GMT",
  "3": "content-type: text/html; charset=iso-8859-1",
  "4": "content-length: 271",
  "5": "location: https://www.klk.com.my/",
  "6": "expires: Fri, 03 Jul 2026 19:46:59 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: EXPIRED",
"11": "x-server-powered-by: Engintron",
"13": "HTTP/2 200",
"14": "server: nginx",
"15": "date: Fri, 03 Jul 2026 19:45:59 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: Fri, 03 Jul 2026 19:46:59 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 0.001848 0.005891
TCP Connect IPv4 → port 443	301 0.001819 0.021796

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
```