

IPv6 Readiness Report

kwongwah.com.my — kwongwah.com.my




Scan to verify

Category: News Portal • Generated: 13 Jun 2026, 19:23 MYT • Last Checked: 13 Jun 2026, 01:06 MYT • Verification ID: d1e0f99f-e212-4bfe-be99-eca0e4c7bfa2

Report generated from National IPv6 Readiness Monitor — <https://ipv6.my6.my>

Audit trail: <https://ipv6.my6.my/audit/d1e0f99f-e212-4bfe-be99-eca0e4c7bfa2>

| | | |
|---|--|---|
|  Partially Compliant <small>MGv6C-1.0</small> | <h1>78%</h1> Partial Support | IPv6-ONLY READINESS Website: ✓ Ready DNS: ✓ Ready Email: ✗ Not Ready |
|---|--|---|

| IPv6 ADDRESSES |
|-------------------------|
| 2606:4700:20::681a:72b |
| 2606:4700:20::ac43:49ab |
| 2606:4700:20::681a:62b |

| IPv4 ADDRESSES |
|----------------|
| 172.67.73.171 |
| 104.26.6.43 |
| 104.26.7.43 |

Network Information (WHOIS / RDAP)

| | IPv6 Network | IPv4 Network |
|----------------|--------------------------------------|--------------------------------------|
| Organization | Cloudflare, Inc. | Cloudflare, Inc. |
| Country | US | US |
| ASN | AS13335 | AS13335 |
| ASN Name | CLOUDFLARENET - Cloudflare, Inc., US | CLOUDFLARENET - Cloudflare, Inc., US |
| Network (CIDR) | 2606:4700::/32 | 172.64.0.0/13 |

| Web Services (35%) 8 / 8 | | | |
|---|-------------------------------------|-------------|---|
| # | CHECK | RESULT | DETAIL |
| 1 | AAAA Record | PASS | 2606:4700:20::681a:72b, 2606:4700:20::ac43:49ab, 2606:4700:20::681a:62b |
| 2 | Globally Routable IPv6 | PASS | All addresses are globally routable. |
| 3 | HTTP over IPv6 | PASS | HTTP (port 80) responds over IPv6 — 184ms TTFB. |
| 4 | HTTPS over IPv6 | PASS | HTTPS (port 443) responds over IPv6 — 330ms 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 Aug 10 17:34:33 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. |

| # | CHECK | RESULT | DETAIL |
|---|----------------------------|-------------|---|
| 6 | DS Record at Parent | FAIL | No DS record at parent. |
| 7 | RRSIG Valid | PASS | RRSIG signatures are current and valid. |
| 8 | Signing Algorithm | INFO | ECDsap256sha256 |

Email Services (25%)

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| # | 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 | No common DKIM selector found. |
| 7 | DMARC Record | PASS | DMARC record found. |

IPv4 Baseline (15%)

3 / 3

| # | CHECK | RESULT | DETAIL |
|---|------------------------|-------------|---|
| 1 | A Record | PASS | 172.67.73.171, 104.26.6.43, 104.26.7.43 |
| 2 | HTTP over IPv4 | PASS | HTTP (port 80) responds over IPv4 — 217ms TTFB. |
| 3 | HTTPS over IPv4 | PASS | HTTPS (port 443) responds over IPv4 — 348ms TTFB. |

Audit Trail & Evidence Record

| | |
|-------------------|--|
| Verification ID | d1e0f99f-e212-4bfe-be99-eca0e4c7bfa2 |
| Domain | kwongwah.com.my |
| Check Mode | Scheduled |
| Status | Completed |
| Started | 13 Jun 2026, 01:06:51 MYT |
| Finished | 13 Jun 2026, 01:06:58 MYT |
| Test Node Profile | dual stack |
| Engine Version | 2.0.0 |
| MGv6C Version | 1.0.0 |
| Audit URL | https://ipv6.my6.my/audit/d1e0f99f-e212-4bfe-be99-eca0e4c7bfa2 |

Integrity Verification

| | |
|-----------------------------|--|
| ✓ INTEGRITY VERIFIED | |
| Algorithm | hmac-sha256-v1 |
| Root Hash | 7d1361d3677a38c2c18c561037c79d6f5afdf3911b935e0ff28743292c18404e |
| http_headers | 6a2f1e033b684cc15c97e9499999107a0239903c5fae9dbaf2e6b4a3151dbfc1 |
| dns_responses | 8fb1c73d6defbbaa5306f70d7011923a81cb66c255885c44b0208bdc70bf2ec6 |
| tls_handshake | a9ba5f6f1018a7819fa959214cf291bf9e4558af3e84ca7e43c012014d6d7e1e |
| connectivity_log | 58c4281ba66c832c9978c92154fd155d17e195b7f1058097e7ccd1f9b9357ed3 |
| dns_resolution_times | 96a8801a1bb2d1c93ba7a4a9a3ac9643f95384ae865700cb17f12c3647b88017 |

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 | 8.3.31 |
| 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 | 16.83 | 27.75 | 12.79 | 27.28 | -4 |
| Google | IPv4 | 31.75 | 39.81 | 33.22 | 35.03 | +1.5 |
| Google | IPv6 | 29.21 | 53.72 | 37.85 | 39.64 | +8.6 |
| Cloudflare | IPv4 | 19.99 | 22.82 | 16.5 | 26.9 | -3.5 |
| Cloudflare | IPv6 | 34.27 | 36.23 | 9.27 | 28.78 | -25 |

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 44115
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
kwongwah.com.my. 300 IN A 104.26.6.43
kwongwah.com.my. 300 IN A 172.67.73.171
kwongwah.com.my. 300 IN A 104.26.7.43
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 52739
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 3312 IN SOA e.nic.my. hostmaster.nic.my. 2026046677 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 11956
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
kwongwah.com.my. 300 IN MX 10 kmail3.kwongwah.com.my.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 64669
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
kwongwah.com.my. 86400 IN NS tom.ns.cloudflare.com.
kwongwah.com.my. 86400 IN NS erin.ns.cloudflare.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 48999
;; flags: qr rd ra; QUERY: 1, ANSWER: 6, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
kwongwah.com.my. 300 IN TXT "v=spf1 include:se.mscloudhosting.com -all"
kwongwah.com.my. 300 IN TXT "ca3-e3fc9f992e10459cbb34ad3981a26db6"
kwongwah.com.my. 300 IN TXT "dailymotion-domain-verification=dmx76ndt4nkgcxnhd"
kwongwah.com.my. 300 IN TXT "facebook-domain-verification=od0xvvoi4xnxuf3jy3t6zw2lxenca5"
kwongwah.com.my. 300 IN TXT "google-site-verification=_gyj_DsMtYPS03-e79tNg3Rf1I4LREZ-r-C83b25pYA -all"
kwongwah.com.my. 300 IN TXT "google-site-verification=qHfJ0dW7asRGIKnQPAvavr6zFjah7ULggYskVjN350"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 26563
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
kwongwah.com.my. 300 IN AAAA 2606:4700:20::ac43:49ab
kwongwah.com.my. 300 IN AAAA 2606:4700:20::681a:62b
kwongwah.com.my. 300 IN AAAA 2606:4700:20::681a:72b
```

RRSIG

```
erin.ns.cloudflare.com. dns.cloudflare.com. 2406111626 10000 2400 604800 1800
SOA 13 3 1800 20260613180651 20260611160651 34505 kwongwah.com.my. dDrGGL+6nHuXRTI77tJcTFRmHFx00Yw133BwxiM/kMkGA2gzdYKS6QtD R9ssvQE8cdfnQ2jEAMRf3tEEzyuhxA==
```

DNSKEY

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 49074
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
kwongwah.com.my. 3595 IN DNSKEY 257 3 13 mdsswUyr3DPW132m0i8V9xESWE8jTo0dxCjjnopKl+GqJxpVXckHAeF+ KkxLbxILfDLUT0rAK9iUzy1L53eKGQ==
kwongwah.com.my. 3595 IN DNSKEY 256 3 13 oJMRESz5E4gYzS/q6XDrvU1qMPYIjCwzJa0au8XNEZeqCYKD5ar0IRd8 KqXXFJkqmVfRvMGPmM1x8fGaa2XhSA==
```

DNSSEC_VALIDATION

```
;; validating kwongwah.com.my/SOA: no valid signature found
; unsigned answer
kwongwah.com.my. 1795 IN SOA erin.ns.cloudflare.com. dns.cloudflare.com. 2406111626 10000 2400 604800 1800
kwongwah.com.my. 1795 IN RRSIG SOA 13 3 1800 20260613180651 20260611160651 34505 kwongwah.com.my. dDrGGL+6nHuXRTI77tJcTFRmHFx00Yw133BwxiM/kMkGA2gzdYKS6QtD R9ssvQE8cdfnQ2jEAMRf3tEEzyuhxA==
```



```
Oi8va5Swa2kuZ29vZy9nc3IxLmNydDAtBgnVHR8EjAKMCKgIKAEhhxodHRwOi8v
Yy5wa2kuZ29vZy9yL2dzcjEuY3JsMBMGA1UdIAQMMAAowCAYGZ4EMAQIBMA0GCsQg
S1b3D0EBCwUAA4IBAQAQYrSPBtYDh5bjP20BDwmkowlhIDDkic574y04tfzHpn+cJ
odID24SseesQ6bdRrarZ7C30ddLibZatoKivs3UL9xnELz4ct92vID24FfVbiI1hY
+5W6FoVHKwEIP0GCBaM4C6uVdF5dTuSMVs/ZbzNnIdCp5Gmxm5ejevEau8otR/Cs
kGN+hr/W5GvT1tMBjgWKZ114//emhA1JG1BbPzoLJQvyEotc03lXjTaCzv8mEbeb
8RqZ7a2CPsgrBuvTPBwcOMBmuFeU88+FSBX6+71P0i18b4Z00FqIwMHfs/L6K1
vepuoxTgzi4CZ68zJpiq1UvSqTbFJjtbd4seiMHL
-----END CERTIFICATE-----
```

```
Server certificate
subject=CN = kwongwah.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 2839 bytes and written 397 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
```

IPv6 Connection

| | |
|------------|------------------------|
| IP Used | 2606:4700:20::681a:72b |
| 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 = kwongwah.com.my
verify return:1
CONNECTED(0000010)
---
Certificate chain
0 s:CN = kwongwah.com.my
  i:C = US, O = Google Trust Services, CN = WE1
  a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
  v:NotBefore: May 12 16:34:42 2026 GMT; NotAfter: Aug 10 17:34:33 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDIsjCCAligAwIBAgIRAMjYFZMyTIOGEyLI+GL8qgkwCgYIKoZIzj0EAwIwOzEL
MAkuGA1UEBhMCMVVMxHjAcBgNVBAoTFUdvd2dsZSBUcnVzdCBTZXJ2aWNlczEMMAoG
A1UEAxMDV0xMB4XDTE2MDUxMjE2MzQ0M0oXDTE2MDUxMjE2MzQ0M0oGAYEMBYG
A1UEAxMpa3dvbmd3YWguY29tLm15MFkwEwYHKoZIzj0CAQYIKoZIzj0DAQoDQgAE
PfbdgsYvVERuZAFETzLlJw0/iXywZthPDvY8jB1TLwEKuzIbYjfe+AlFhtWeID
X59VKSQAop7TNZ8qQ9dpRAKOCAlwggJYMA4GA1UdDwEB/wQEAwIHgDATBgNVHSUE
DDAKBgggrBgEFBQcDATAMBGNVHRMBAf8EAjAAMB0GA1UdDgQWBQRGX70rNGCTZrr
P8w0+Rug3NtjHDAfBgNVHSMEGDAWgBSQd5I1Z8T/qMyp5nvZgHl7zJP50DBeggr
BgEFBQcBAQRSMFAwJwYIKwYBBQUHMAggG2h0dHA6Ly9vLnBraS5nb29nL3Mvd2Ux
L3l0ZzAlBgggrBgEFBQcAoYZaHR0cDovL2kucGtpLmdvb2cvd2UxLmNydDAtBgnV
HREEEjAkkg9rd29uZ3dhaC5jb20ubXmCESoua3dvbmd3YWguY29tLm15MBMGA1Ud
IAQMMAAowCAYGZ4EMAQIBMDYGA1UdHwQvMC0wK6ApoCeGJWh0dHA6Ly9jLnBraS5n
b29nL3d1MS9uWHJ00W1lVldvay5jcmwggEFBgorBgEEAdZ5AQCBIIH2BIHzAPEA
dwCUTk0H+uzB74HzG50mqBhLAcFTXzgCAT9yZ31Vny4Z2AAAAAZ4dQVomAAAEAwBI
MEYCIQRz6lv06iz3sQZ2osDMXdSC2HV8bZmtPJI+hrLxQy/QIhALCC+pe1bcRS
mCGwLCu6uoGML0cbrN8+I7bp1na3N2cAHYA1219ENGn9XfC+lf1wC/+YLJM1pL
4dCzAXMwMjFaXcAAAGeHUFAHAAABAMARzBFAiEA2nLZETnu0wb/rB6sUq7Psj6k
neL/RoLb/KTkfoUP5GgCIEP79Ljrm9JNypPZR0WocC48i3l1d/UtYpe00JNBX5C
MAoGCCqGSM49BAMCA0gAMEUCIFz3sXIpsmdBavbqDYj5qkR5bM3BDekjJ2koj0Rt
KK/YA1EA8utY+MiGMSH0BU8U9xikMabgrb/gpNEGa8i2yzm47dU=
-----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-----
MIICnzCCAiwAwIBAgIQf/MZd5csIkp2FV0TttaF4zAKBggqhkJOPQDDAzBHM0sw
CQYDVQQGEwJVUzEiMCAgA1UEChMZR29vZ2x1IFRydXN0IFNlcnZpY2VlEXMQzEU
MBIGA1UEAxMLR1RTIFJvb3QgUjQwHhcNMjMxMjE1IFRydXN0IFNlcnZpY2VlMTQw
MDAwMjA7MQswCQYDVQQGEwJVUzEiMCAgA1UEChMVR29vZ2x1IFRydXN0IFNlcnZp
Y2VlZMQwCgYDVQQDEwNXRTEwWTATBgqhkJOPQIBBggqhkJOPQMBBwNCAARvZTr+
```

```

Z1dHTCEDhUDCR127WecPQMFcF4XGGTfn1XzthkubgdnXGh0LCgP4mMTG6J7/EFmP
LCaY9eYmJbsPAvpWo4H+MIH7MA4GA1UdDwEB/wQEAWIBhJAdBgNVHSUEFjAUBggg
BgEFBQcDAQYIKwYBBQUHAwIwEgYDVR0TAQH/BAgwBgEB/wIBADAdBgNVHQ4EFgQU
kHeSNWfE/6jMqeZ72YB5e8yT+TgwHwYDVR0jBBgwFoAUgEzW63T/STaj1dj8tT7F
avCUHYwWNAyIKwYBBQUHAQEEDAmMCGCCsGAQUFBzAChhhodHRwOi8vaS5wa2Yku
Z29vZy9yNC5jcnQwKwYDVR0fBQCQIjAgoB6GHIYaaHR0cDovL2MucGtpLmdvb2cv
ci9yNC5jcmwEwYDVR0gBAwwCjAIBgZngQwBAGewCgYIKoZIzj0EAwMDaAAwZQIX
A0cCq1HW900VznX+0RGU1cxAQXomvtgMBzITPZCuF08jSBJJz5keR0v9aYsAm5V
sQIUwJonMaAFi54mrfhf0FNZEfUNMSQ6/bIBiNLiyoX46FohQvKeIoJ99cx7sUkFN
7uJW
-----END CERTIFICATE-----
2 s:C = US, 0 = Google Trust Services LLC, CN = GTS Root R4
i:C = BE, 0 = GlobalSign nv-sa, OU = Root CA, CN = GlobalSign Root CA
a:PKKEY: 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
M0sCQYDVQGEwJCRTEZMBCGA1UEChMQR2xvYmFsU2lnb1BudilzYTEQMA4GA1UE
CxMHUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnb1BSb290IENBMBA4XDITzMTEx
NTAzMjY0NDY0MDEyODAwMDA0M1owRzELMAkGA1UEBhMCMVVMxIjAgBgNVBAoT
GUdub2dsZSBUcnVzdCBTZXJ2aWwlcjBMTExFMDAsBgNVBAMTC0UUYyBsb290IFl0
MHYwEAYHKoZIzj0CAQYFK4EEACIDYgAE83Rzp2iLYK5DuDXFgTB7S0md+8Fhzube
Rr1r1WEYNa5A3XP3iZEwLus87oV8okB206nGuEfyKueSkWpz6bFy0Z8pn6KY019e
WIZLD6GEZQbR3IvJx3PIjGov5cSr0R2Ko4H/MIH8MA4GA1UdDwEB/wQEAWIBhJAd
BgNVHSUEFjAUBgggBgEFBQcDAQYIKwYBBQUHAwIwEgYDVR0TAQH/BAUwAwEB/zAd
BgNVHQ4EFgQUgEzW63T/STaj1dj8tT7FavCUHYwWNAyIKwYDVR0jBBgwFoAUyHtmGkUN
l8qJUC99BM00qP/8/UsWNgYIKwYBBQUHAQEEDjAomCYGCCsGAQUFBzAChhhodHRw
Oi8vaS5wa2kuZ29vZy9yNC5jcnQwKwYDVR0fBQCQIjAgoB6GHIYaaHR0cDovL2MucG
t9yNC5jcmwEwYDVR0gBAwwCjAIBgZngQwBAGewCgYIKoZIzj0EAwMDaAAwZQIX
A0cCq1HW900VznX+0RGU1cxAQXomvtgMBzITPZCuF08jSBJJz5keR0v9aYsAm5V
sQIUwJonMaAFi54mrfhf0FNZEfUNMSQ6/bIBiNLiyoX46FohQvKeIoJ99cx7sUkFN
7uJW
-----END CERTIFICATE-----
---
Server certificate
subject=CN = kwongwah.com.my
issuer=C = US, 0 = 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 2839 bytes and written 397 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

```



```

"64": "speculation-rules: \"/cdn-cgi/speculation\"",
"65": "report-to: {\\"group\\":\\"cf-
nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=rZGUCfyRn802Nv%2BZD13MAQHjEmj3qenNdFvMfiSo8Lcj0hazee04aqQl8sqr0hfZA1MpRa4g2%2FzqBu07j
"66": "nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
"67": "content-security-policy: upgrade-insecure-requests",
"68": "permissions-policy: geolocation=self",
"69": "referrer-policy: no-referrer-when-downgrade",
"70": "strict-transport-security: max-age=31536000",
"71": "cf-ray: a0aa72f90b21633f-SIN",
"72": "alt-svc: h3=\\":443\\"; ma=86400"
}
    
```

IPv6 HTTP (port 80)

| | |
|--------------|------------------------|
| HTTP Status | 200 |
| Connected IP | 2606:4700:20::681a:72b |
| Connect Time | 34.32 ms |
| TTFB | 235.57 ms |
| Total Time | 235.76 ms |

Response Headers:

```

{
"0": "HTTP/1.1 301 Moved Permanently",
"1": "Date: Fri, 12 Jun 2026 17:06:57 GMT",
"2": "Content-Type: text/html; charset=UTF-8",
"3": "Connection: keep-alive",
"4": "Location: https://kwongwah.com.my/",
"5": "Speculation-Rules: \"/cdn-cgi/speculation\"",
"6": "Report-To: {\\"group\\":\\"cf-
nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=MkwmSg0ywcjb3UZUHHiR6fHavYU5bLhK1340zDtlLjgodnnyAjZiOpHb0XrLI00DqxeGJh8TkmU0%2FmdI5vpl
"7": "Nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
"8": "content-security-policy: upgrade-insecure-requests",
"9": "permissions-policy: geolocation=self",
"10": "referrer-policy: no-referrer-when-downgrade",
"11": "strict-transport-security: max-age=31536000",
"12": "x-content-type-options: nosniff",
"13": "Server: cloudflare",
"14": "CF-RAY: a0aa72f48c07a090-SIN",
"15": "alt-svc: h3=\\":443\\"; ma=86400",
"17": "HTTP/2 301",
"18": "date: Fri, 12 Jun 2026 17:06:57 GMT",
"19": "content-type: text/html",
"20": "location: http://www.kwongwah.com.my/",
"21": "server: cloudflare",
"22": "x-content-type-options: nosniff",
"23": "x-frame-options: SAMEORIGIN",
"24": "cf-cache-status: DYNAMIC",
"25": "speculation-rules: \"/cdn-cgi/speculation\"",
"26": "report-to: {\\"group\\":\\"cf-
nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=rgF9HKtN67M2Afy0uU1IRIYQAwZ6YHw2eokkVxE0p93Qkj3vJBWNXr7oxAG%2BHnmasRBCsRZU7K07WA2qb0gt
"27": "nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
"28": "content-security-policy: upgrade-insecure-requests",
"29": "permissions-policy: geolocation=self",
"30": "referrer-policy: no-referrer-when-downgrade",
"31": "strict-transport-security: max-age=31536000",
"32": "cf-ray: a0aa72f50e0f5900-SIN",
"33": "alt-svc: h3=\\":443\\"; ma=86400",
"35": "HTTP/1.1 301 Moved Permanently",
"36": "Date: Fri, 12 Jun 2026 17:06:57 GMT",
"37": "Content-Type: text/html; charset=UTF-8",
"38": "Connection: keep-alive",
"39": "Location: https://www.kwongwah.com.my/",
"40": "Speculation-Rules: \"/cdn-cgi/speculation\"",
"41": "Report-To: {\\"group\\":\\"cf-
nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=uhSByj2qmejP9h3nrpoBJ%2BRHEoGTu%2BapLK24qukuXBHc%l0B3gzdy%2FtrEL4Z1a7b0bIwxI4Vo7LZxGk2
"42": "Nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
"43": "content-security-policy: upgrade-insecure-requests",
"44": "permissions-policy: geolocation=self",
"45": "referrer-policy: no-referrer-when-downgrade",
"46": "strict-transport-security: max-age=31536000",
"47": "x-content-type-options: nosniff",
"48": "Server: cloudflare",
"49": "CF-RAY: a0aa72f54c2fa3e0-SIN",
"50": "alt-svc: h3=\\":443\\"; ma=86400",
"52": "HTTP/2 200",
"53": "date: Fri, 12 Jun 2026 17:06:57 GMT",
    
```

```

"54": "content-type: text/html; charset=utf-8",
"55": "server: cloudflare",
"56": "vary: Accept-Encoding",
"57": "vary: Accept-Encoding",
"58": "x-powered-by: PHP/7.2.16",
"59": "kw: alpha02",
"60": "x-cache-status: HIT",
"61": "x-content-type-options: nosniff",
"62": "x-frame-options: SAMEORIGIN",
"63": "cf-cache-status: DYNAMIC",
"64": "speculation-rules: \"/cdn-cgi/speculation\"",
"65": "report-to: {\\"group\\":\\"cf-
nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=Rbseu%2FhlgEFqK7xqy7NC51ZjUoyRjD8AvrYd%2BBjyM21HnAhbzaIvUXzEAXAd%2BUEJJyiS0BdthV5gfuC
"66": "nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
"67": "content-security-policy: upgrade-insecure-requests",
"68": "permissions-policy: geolocation=self",
"69": "referrer-policy: no-referrer-when-downgrade",
"70": "strict-transport-security: max-age=31536000",
"71": "cf-ray: a0aa72f5bfa3fd74-SIN",
"72": "alt-svc: h3=\\":443\\"; ma=86400"
}
    
```

IPv4 HTTPS (port 443)

| | |
|--------------|---------------|
| HTTP Status | 200 |
| Connected IP | 172.67.73.171 |
| Connect Time | 23.2 ms |
| TTFB | 330.78 ms |
| Total Time | 330.95 ms |

Response Headers:

```

{
"0": "HTTP/2 301",
"1": "date: Fri, 12 Jun 2026 17:06:58 GMT",
"2": "content-type: text/html",
"3": "location: http://www.kwongwah.com.my/",
"4": "server: cloudflare",
"5": "x-content-type-options: nosniff",
"6": "x-frame-options: SAMEORIGIN",
"7": "cf-cache-status: DYNAMIC",
"8": "speculation-rules: \"/cdn-cgi/speculation\"",
"9": "report-to: {\\"group\\":\\"cf-
nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=3IUoz9nDe4J3Hr2sdL09LNF%2F0XhhUlyIeu5sLYGGPmErD0ugkCbDJerq6bpMxW%2FR7YSC%2FCvC3USckXPZ
"10": "nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
"11": "content-security-policy: upgrade-insecure-requests",
"12": "permissions-policy: geolocation=self",
"13": "referrer-policy: no-referrer-when-downgrade",
"14": "strict-transport-security: max-age=31536000",
"15": "cf-ray: a0aa72f97fb5fd04-SIN",
"16": "alt-svc: h3=\\":443\\"; ma=86400",
"18": "HTTP/1.1 301 Moved Permanently",
"19": "Date: Fri, 12 Jun 2026 17:06:58 GMT",
"20": "Content-Type: text/html; charset=UTF-8",
"21": "Connection: keep-alive",
"22": "Location: https://www.kwongwah.com.my/",
"23": "Speculation-Rules: \"/cdn-cgi/speculation\"",
"24": "Report-To: {\\"group\\":\\"cf-
nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=QACW4bhRVuZ50HEpU0u8eE5%2FYRa%2B8KCfR8k71X6uERxeYeA2AIH29KXrTHgRDXiiba87DKvDSeVxbPFR1
"25": "Nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
"26": "content-security-policy: upgrade-insecure-requests",
"27": "permissions-policy: geolocation=self",
"28": "referrer-policy: no-referrer-when-downgrade",
"29": "strict-transport-security: max-age=31536000",
"30": "x-content-type-options: nosniff",
"31": "Server: cloudflare",
"32": "CF-RAY: a0aa72f9bd61fe14-SIN",
"33": "alt-svc: h3=\\":443\\"; ma=86400",
"35": "HTTP/2 200",
"36": "date: Fri, 12 Jun 2026 17:06:58 GMT",
"37": "content-type: text/html; charset=utf-8",
"38": "server: cloudflare",
"39": "vary: Accept-Encoding",
"40": "vary: Accept-Encoding",
"41": "x-powered-by: PHP/7.2.16",
"42": "kw: alpha01",
"43": "x-cache-status: HIT",
    
```

```

"44": "x-content-type-options: nosniff",
"45": "x-frame-options: SAMEORIGIN",
"46": "cf-cache-status: DYNAMIC",
"47": "speculation-rules: \"/cdn-cgi/speculation\"",
"48": "report-to: {\\"group\\":\\"cf-
nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=d7131VWXNdVvyquW5RixuDBYy5tsoaXK8Cwn83kK0ionPcgrdFxdhDHYLPHL1AQTTeo83hKx6SnsS22AAqMx0
"49": "nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
"50": "content-security-policy: upgrade-insecure-requests",
"51": "permissions-policy: geolocation=self",
"52": "referrer-policy: no-referrer-when-downgrade",
"53": "strict-transport-security: max-age=31536000",
"54": "cf-ray: a0aa72f9fd15d261-SIN",
"55": "alt-svc: h3=\\":443\\"; ma=86400"
}

```

IPv6 HTTPS (port 443)

| | |
|--------------|------------------------|
| HTTP Status | 200 |
| Connected IP | 2606:4700:20::681a:62b |
| Connect Time | 24.06 ms |
| TTFB | 326.6 ms |
| Total Time | 326.75 ms |

Response Headers:

```

{
  "0": "HTTP/2 301",
  "1": "date: Fri, 12 Jun 2026 17:06:57 GMT",
  "2": "content-type: text/html",
  "3": "location: http://www.kwongwah.com.my/",
  "4": "server: cloudflare",
  "5": "x-content-type-options: nosniff",
  "6": "x-frame-options: SAMEORIGIN",
  "7": "cf-cache-status: DYNAMIC",
  "8": "speculation-rules: \"/cdn-cgi/speculation\"",
  "9": "report-to: {\\"group\\":\\"cf-
nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=0vjYumLJbbAJuZlNp48STgCP89UnfZlvc7IJBHLZA%2FbWVG50hWokZw%2FoXeaWhdu28WDVg28REqya055NEC0
"10": "nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
  "11": "content-security-policy: upgrade-insecure-requests",
  "12": "permissions-policy: geolocation=self",
  "13": "referrer-policy: no-referrer-when-downgrade",
  "14": "strict-transport-security: max-age=31536000",
  "15": "cf-ray: a0aa72f62b49fd5-SIN",
  "16": "alt-svc: h3=\\":443\\"; ma=86400",
  "18": "HTTP/1.1 301 Moved Permanently",
  "19": "Date: Fri, 12 Jun 2026 17:06:57 GMT",
  "20": "Content-Type: text/html; charset=UTF-8",
  "21": "Connection: keep-alive",
  "22": "Location: https://www.kwongwah.com.my/",
  "23": "Speculation-Rules: \"/cdn-cgi/speculation\"",
  "24": "Report-To: {\\"group\\":\\"cf-
nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=yvUhYxXDE3oqy9a%2By2ysswxHR3xnLqVu5fp2I0ij4k4k0C0urEAfxMiSEZz1%2BwqVILzSYFUR9xh0FvkiGnY
"25": "Nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",
  "26": "content-security-policy: upgrade-insecure-requests",
  "27": "permissions-policy: geolocation=self",
  "28": "referrer-policy: no-referrer-when-downgrade",
  "29": "strict-transport-security: max-age=31536000",
  "30": "x-content-type-options: nosniff",
  "31": "Server: cloudflare",
  "32": "CF-RAY: a0aa72f66bbe9d05-SIN",
  "33": "alt-svc: h3=\\":443\\"; ma=86400",
  "35": "HTTP/2 200",
  "36": "date: Fri, 12 Jun 2026 17:06:57 GMT",
  "37": "content-type: text/html; charset=utf-8",
  "38": "server: cloudflare",
  "39": "vary: Accept-Encoding",
  "40": "vary: Accept-Encoding",
  "41": "x-powered-by: PHP/7.2.16",
  "42": "kw: alpha01",
  "43": "x-cache-status: HIT",
  "44": "x-content-type-options: nosniff",
  "45": "x-frame-options: SAMEORIGIN",
  "46": "cf-cache-status: DYNAMIC",
  "47": "speculation-rules: \"/cdn-cgi/speculation\"",
  "48": "report-to: {\\"group\\":\\"cf-
nel\\",\\"max_age\\":604800,\\"endpoints\\":[{\\"url\\":\\"https://a.nel.cloudflare.com/report/v4?s=T9QMnNa87f78Jhu1jlsIHLQkTscszZP3YUaq1jD%2BEtbV5Qc030u7yKduBUMHTKe92300yxpZzF5sxJ1E0h3P
"49": "nel: {\\"report_to\\":\\"cf-nel\\",\\"success_fraction\\":0.0,\\"max_age\\":604800}",

```

```

"50": "content-security-policy: upgrade-insecure-requests",
"51": "permissions-policy: geolocation=self",
"52": "referrer-policy: no-referrer-when-downgrade",
"53": "strict-transport-security: max-age=31536000",
"54": "cf-ray: a0aa72f6ce355c31-SIN",
"55": "alt-svc: h3=\":443\"; ma=86400"
}
    
```

Connectivity Test Evidence

| Test | Result |
|-----------------------------|-----------------------|
| TCP Connect IPv4 → port 80 | 301 0.007221 0.021160 |
| TCP Connect IPv6 → port 80 | 301 0.008232 0.044787 |
| TCP Connect IPv4 → port 443 | 301 0.007088 0.062588 |
| TCP Connect IPv6 → port 443 | 301 0.007657 0.062254 |

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
76.13.221.0/24 dev eth0 proto kernel scope link src 76.13.221.142
    
```