

IPv6 Readiness Report

kpjhealth.com.my — kpjhealth.com.my



Scan to verify

Category: Healthcare • Generated: 04 Jul 2026, 22:13 MYT • Last Checked: 04 Jul 2026, 03:38 MYT • Verification ID: 1e6ac1bc-d5d8-44b9-a454-1da9a7dd1506

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

Audit trail: <https://ipv6.my6.my/audit/1e6ac1bc-d5d8-44b9-a454-1da9a7dd1506>

<p>X</p> <p>Non-Compliant</p> <p>MGv6C-1.0</p>	<p>47%</p> <p>No IPv6 Support</p>	<p>IPv6-ONLY READINESS</p> <p>Website: X Not Ready</p> <p>DNS: ✓ Ready</p> <p>Email: X Not Ready</p>
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<p>IPv4 ADDRESSES</p> <p>47.250.210.14</p>

Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	Alibaba Cloud LLC
Country	US
ASN	AS45102
ASN Name	ALIBABA-CN-NET - Alibaba (US) Technology Co., Ltd., CN
Network (CIDR)	47.250.0.0/15

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%)				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.	
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 / 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	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: google._domainkey
7	DMARC Record	PASS	DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	47.250.210.14
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 28ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 8ms TTFB.

Audit Trail & Evidence Record

Verification ID	1e6ac1bc-d5d8-44b9-a454-1da9a7dd1506
Domain	kpjhealth.com.my
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:37:37 MYT
Finished	04 Jul 2026, 03:38:01 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/1e6ac1bc-d5d8-44b9-a454-1da9a7dd1506

Integrity Verification

<p>✓ INTEGRITY VERIFIED</p>	
Algorithm	hmac-sha256-v1
Root Hash	42b0dfb84a3d35fd991ea8f9f05cd4c6047422b9f42db98e855cf7fe57ce533a
http_headers	406f9d3e65db8107df588b915a39b0464cd65995436652bdacf67da4288d7c19
dns_responses	307afb40f787e5dd152f863f31ef15392ddfeafbebbe1db80a9cc71dbc940f02
tls_handshake	63da132b62903549a3e7c5499e740c0446ffaeb7a57072fa6faab77e284e8a31
connectivity_log	b95ec1527a1d71a1b22778bb1ff0c58fefdd5766120f108cc30b80ae8d04145a
dns_resolution_times	119f94fa95f27241fc4b2708513f99364353c887847fc0da5736ed62d67787b9

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	11.32	23.09	9.92	20.53	-1.4
Google	IPv4	21.36	22.58	29.33	31.15	+8
Google	IPv6	21.05	22.45	29.52	34.42	+8.5
Cloudflare	IPv4	21.7	25.75	8.96	10.53	-12.7
Cloudflare	IPv6	33.13	37.13	36.4	40.62	+3.3

DNS Evidence

A

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 3703
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
kpjhealth.com.my. 600 IN A 47.250.210.14
```

DS

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 12204
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 3047 IN SOA e.nic.my. hostmaster.nic.my. 2026052755 1800 900 604800 3600
```

MX

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 52468
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
kpjhealth.com.my. 600 IN MX 1 kpjhealth-com-my.mail.protection.outlook.com.
```

NS

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 62410
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
kpjhealth.com.my. 600 IN NS vip7.alidns.com.
kpjhealth.com.my. 600 IN NS vip8.alidns.com.
```

TXT

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 28635
;; flags: qr rd ra; QUERY: 1, ANSWER: 10, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
kpjhealth.com.my. 600 IN TXT "google-site-verification=_pmYrtYdByGNe0_J0wx_vbIV8LAqYUwkPiGPJbcAUrw"
kpjhealth.com.my. 600 IN TXT "ostrio-domain: 2n0VzRUycmydmNQGX0f4f18pzzSljWGxtYqiXZw5Xxx"
kpjhealth.com.my. 600 IN TXT "MS=ms16268584"
kpjhealth.com.my. 600 IN TXT "facebook-domain-verification=p9a1n6ht0e9nkjgfc3vinzv0egx16c"
kpjhealth.com.my. 600 IN TXT "MS=ms26433435"
kpjhealth.com.my. 600 IN TXT "apple-domain-verification=r6ypER7i0WdeZ82U"
kpjhealth.com.my. 600 IN TXT "MS=ms63795043"
kpjhealth.com.my. 600 IN TXT "_4ybvqqaq32e59keawsz59yqiccpsvivr"
kpjhealth.com.my. 600 IN TXT "google-site-verification=txoD3bNGyvdHqwiPt4JlMHaAs8HRmkICGpfCtNBck"
kpjhealth.com.my. 600 IN TXT "v=spf1 a mx ip4:47.254.232.226 ip4:137.59.109.58 ip4:49.236.207.71 ip6:fd1b:212c:a5f9::/48 include:_spf.google.com include:spf.protection.outlook.com include:amazonses.com ~all"
```

AAAA

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 19294
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
kpjhealth.com.my.[]578[]IN[]SOA[]vip7.alidns.com. hostmaster.hichina.com. 2026060522 3600 1200 86400 600
```

RRSIG

```
vip7.alidns.com. hostmaster.hichina.com. 2026060522 3600 1200 86400 600
```

DNSKEY

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 26260
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
kpjhealth.com.my.[]578[]IN[]SOA[]vip7.alidns.com. hostmaster.hichina.com. 2026060522 3600 1200 86400 600
```

DNSSEC_VALIDATION

```
; unsigned answer
kpjhealth.com.my.[]578[]IN[]SOA[]vip7.alidns.com. hostmaster.hichina.com. 2026060522 3600 1200 86400 600
```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	47.250.210.14
Connect Time	4.3 ms
TTFB	12.6 ms
Total Time	12.67 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Server: nginx",
  "2": "Date: Fri, 03 Jul 2026 19:38:01 GMT",
  "3": "Content-Type: text/html",
  "4": "Content-Length: 162",
  "5": "Connection: keep-alive",
  "6": "Location: https://kpjhealth.com.my/",
  "7": "X-Frame-Options: SAMEORIGIN",
  "8": "X-Content-Type-Options: nosniff",
  "9": "X-XSS-Protection: 1; mode=block",
  "10": "X-Permitted-Cross-Domain-Policies: master-only",
  "11": "Referrer-Policy: same-origin",
  "13": "HTTP/2 200",
  "14": "server: nginx",
  "15": "date: Fri, 03 Jul 2026 19:38:01 GMT",
  "16": "content-type: text/html",
  "17": "content-length: 3206",
  "18": "last-modified: Thu, 02 Jul 2026 07:11:10 GMT",
  "19": "vary: Accept-Encoding",
  "20": "etag: \"6a460f0e-c86\"",
  "21": "cache-control: no-cache, no-store, must-revalidate",
  "22": "pragma: no-cache",
  "23": "x-frame-options: SAMEORIGIN",
  "24": "x-xss-protection: 1; mode=block",
  "25": "x-content-type-options: nosniff",
  "26": "referrer-policy: strict-origin-when-cross-origin",
  "27": "accept-ranges: bytes"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	47.250.210.14
Connect Time	7.47 ms
TTFB	28.51 ms
Total Time	28.55 ms

Response Headers:

```
[
  "HTTP/2 200",
  "server: nginx",
  "date: Fri, 03 Jul 2026 19:38:01 GMT",
  "content-type: text/html",
  "content-length: 3206",
  "last-modified: Thu, 02 Jul 2026 07:11:10 GMT",
  "vary: Accept-Encoding",
  "etag: \"6a460f0e-c86\"",
  "cache-control: no-cache, no-store, must-revalidate",
  "pragma: no-cache",
  "x-frame-options: SAMEORIGIN",
  "x-xss-protection: 1; mode=block",
  "x-content-type-options: nosniff",
  "referrer-policy: strict-origin-when-cross-origin",
  "accept-ranges: bytes"
]
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.009702 0.018616
TCP Connect IPv4 → port 443	200 0.001709 0.024451

Test Node Network Evidence

Node Profile	dual stack
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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
```