

IPv6 Readiness Report

ijn.com.my — ijn.com.my




Scan to verify

Category: Healthcare • Generated: 04 Jul 2026, 22:13 MYT • Last Checked: 04 Jul 2026, 03:38 MYT • Verification ID: 96e06076-ec8d-4c89-8836-93ee907d75d7

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

Audit trail: <https://ipv6.my6.my/audit/96e06076-ec8d-4c89-8836-93ee907d75d7>

 Partially Compliant <small>MGv6C-1.0</small>	<h1>78%</h1> Partial Support	IPV6-ONLY READINESS Website: ✓ Ready DNS: ✓ Ready Email: ✗ Not Ready
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IPV6 ADDRESSES
2606:4700:10::6814:12e7
2606:4700:10::ac42:96ea

IPV4 ADDRESSES
104.20.18.231
172.66.150.234

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	104.16.0.0/12

Web Services (35%) 7 / 8			
#	CHECK	RESULT	DETAIL
1	AAAA Record	PASS	2606:4700:10::6814:12e7, 2606:4700:10::ac42:96ea
2	Globally Routable IPv6	PASS	All addresses are globally routable.
3	HTTP over IPv6	PASS	HTTP (port 80) responds over IPv6 — 2867ms TTFB.
4	HTTPS over IPv6	PASS	HTTPS (port 443) responds over IPv6 — 2343ms TTFB.
5	IPv6-Only Reachability	PASS	Site is fully reachable via IPv6-only.
6	TLS Certificate Valid (IPv6)	PASS	Certificate valid — issued by C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA DV R36, expires Nov 21 23:59:59 2026 GMT
7	Dual-Stack (IPv4 + IPv6)	PASS	Domain has both A and AAAA records.
8	HTTP/3 (QUIC)	FAIL	No HTTP/3 support detected.

DNS & DNSSEC (25%) 4 / 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	PASS	DNSSEC fully validated.
5	Reverse DNS (PTR)	FAIL	No PTR record found.
6	DS Record at Parent	PASS	DS record found at parent zone.

#	CHECK	RESULT	DETAIL
7	RRSIG Valid	PASS	RRSIG signatures are current and valid.
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	No common DKIM selector found.
7	DMARC Record	PASS	DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	104.20.18.231, 172.66.150.234
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 2980ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 2447ms TTFB.

Audit Trail & Evidence Record

Verification ID	96e06076-ec8d-4c89-8836-93ee907d75d7
Domain	ijn.com.my
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:37:51 MYT
Finished	04 Jul 2026, 03:38:26 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/96e06076-ec8d-4c89-8836-93ee907d75d7

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	9310c9fc4b5e318ccf9d2020d3d5bcebb749d51342f428ecd865f739aee5022a
http_headers	5d27e4c367194edb3e14aed13dab8ce14c68380c2bed373bf9f8bf2cac9d0d50
dns_responses	714dfec9084cc5015dac404cb72308f7f858bb177b9a430a16f3336f4c077765
tls_handshake	1bca6865dce509472153efc68227b92751bed94e41484f84ef04d226ec33fc53
connectivity_log	5120e69cb30c8289a020a679e7c240eb817e3f814e391edb3444b03e8c6269ba
dns_resolution_times	aeaa142bed1192197c09150b52e86340cddef2e214f7ddb98bb4ba12712fc9c4

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	13.64	21.75	22.12	24.99	+8.5
Google	IPv4	38.13	38.49	34.95	35.64	-3.2
Google	IPv6	30.15	34.07	33.63	34.46	+3.5
Cloudflare	IPv4	21.99	27.66	22.32	22.92	+0.3
Cloudflare	IPv6	10.71	17.08	20.25	24.96	+9.5

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 38365
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ijn.com.my. 300 IN A 104.20.18.231
ijn.com.my. 300 IN A 172.66.150.234
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 22588
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ijn.com.my. 86390 IN DS 2371 13 2 554234DAA25FA8C480D139520E7C5C9434FC98EFAD524CDD05E1504B 3D5E1D20
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 43939
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ijn.com.my. 300 IN MX 5 ijn.in.tmes-sg.trendmicro.com.
ijn.com.my. 300 IN MX 10 mail.ijn.com.my.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 3431
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ijn.com.my. 86400 IN NS devin.ns.cloudflare.com.
ijn.com.my. 86400 IN NS rose.ns.cloudflare.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 34283
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 6, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ijn.com.my. 300 IN TXT "v=spf1 include:spf.protection.outlook.com include:spf.tmes-sg.trendmicro.com mx ip4:58.71.153.238 ip4:103.111.74.220 -all"
ijn.com.my. 300 IN TXT "DGPBAqzqEbAkrsv+he9zkAUXwWqBqqJYJzNzj78edjyVyUK+W1Qk9Nf1wH4ARoPQ6e2LcmmULYf3yh1LD2wgA=="
ijn.com.my. 300 IN TXT "SBD1E3SC91WQ7YIZ4D18UVVSAAX8SP0585PXAE9"
ijn.com.my. 300 IN TXT "apple-domain-verification=MJLnHRntkyKJQLqe"
ijn.com.my. 300 IN TXT "google-gws-recovery-domain-verification=43977402"
ijn.com.my. 300 IN TXT "ppe-3e19dec7527bfe48d8087862fd6739aa7a1ad666"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 29979
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ijn.com.my. 300 IN AAAA 2606:4700:10::6814:12e7
ijn.com.my. 300 IN AAAA 2606:4700:10::ac42:96ea
```

RRSIG

```
devin.ns.cloudflare.com. dns.cloudflare.com. 2408550942 10000 2400 604800 1800
SOA 13 3 1800 20260704203802 20260702183802 34505 ijn.com.my. /t/xUjurflnP6RdoDL+E0q4jZHECdJITR1GSgpSVCgqmtQj8pG2z7ZnS 173H+KT0e4Mpm0FmyHYmISD03KVjVw==
```

DNSKEY

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 36938
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ijn.com.my. 3590 IN DNSKEY 257 3 13 mdsswUyr3DPW132m0i8V9xESWE8jTo0dxCjjnopKl+GqJxpVXckHAeF+ KkxLbxILfDLUT0rAK9iUzy1L53eKGQ==
ijn.com.my. 3590 IN DNSKEY 256 3 13 oJMRESz5E4gYzS/q6XDrvU1qMPYIjCwzJa0au8XNEZeqCYKD5ar0IRd8 KqXXFJkqmVfRvMGPmM1x8fGaa2XhSA==
```

DNSSEC_VALIDATION

```
; fully validated
ijn.com.my. 1790 IN SOA devin.ns.cloudflare.com. dns.cloudflare.com. 2408550942 10000 2400 604800 1800
ijn.com.my. 1790 IN RRSIG SOA 13 3 1800 20260704203802 20260702183802 34505 ijn.com.my. /t/xUjurflnP6RdoDL+E0q4jZHECdJITR1GSgpSVCgqmtQj8pG2z7ZnS 173H+KT0e4Mpm0FmyHYmISD03KVjVw==
```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	172.66.150.234
Connect Time	26.32 ms
TTFB	2393.19 ms
Total Time	2393.36 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 03 Jul 2026 19:38:19 GMT",
  "2": "Content-Type: text/html; charset=iso-8859-1",
  "3": "Connection: keep-alive",
  "4": "Server: cloudflare",
  "5": "Strict-Transport-Security: max-age=300;includeSubDomains; preload",
  "6": "X-Frame-Options: sameorigin",
  "7": "Location: https://ijn.com.my/",
  "8": "Cf-Cache-Status: DYNAMIC",
  "9": "CF-RAY: a158598d49d0d976-SIN",
  "11": "HTTP/2 301",
  "12": "date: Fri, 03 Jul 2026 19:38:20 GMT",
  "13": "content-type: text/html; charset=UTF-8",
  "14": "location: https://www.ijn.com.my/",
  "15": "server: cloudflare",
  "16": "x-redirect-by: WordPress",
  "17": "strict-transport-security: max-age=300;includeSubDomains; preload",
  "18": "x-frame-options: sameorigin",
  "19": "x-frame-options: SAMEORIGIN",
  "20": "referrer-policy: same-origin",
  "21": "x-xss-protection: 1; mode=block",
  "22": "x-permitted-cross-domain-policies: none",
  "23": "x-content-type-options: nosniff",
  "24": "cf-cache-status: DYNAMIC",
  "25": "cf-ray: a158598dcf7287f3-SIN",
  "27": "HTTP/2 200",
  "28": "date: Fri, 03 Jul 2026 19:38:21 GMT",
  "29": "content-type: text/html; charset=UTF-8",
  "30": "server: cloudflare",
  "31": "link: <https://www.ijn.com.my/wp-json/>; rel=\"https://api.w.org/\", <https://www.ijn.com.my/wp-json/wp/v2/pages/259>; rel=\"alternate\"; title=\"JSON\"; type=\"application/json\", <https://www.ijn.com.my/>; rel=shortlink",
  "32": "strict-transport-security: max-age=300;includeSubDomains; preload",
  "33": "x-frame-options: sameorigin",
  "34": "x-frame-options: SAMEORIGIN",
  "35": "referrer-policy: same-origin",
  "36": "x-xss-protection: 1; mode=block",
  "37": "x-permitted-cross-domain-policies: none",
  "38": "x-content-type-options: nosniff",
  "39": "cache-control: max-age=0, no-cache",
  "40": "cf-cache-status: DYNAMIC",
  "41": "cf-ray: a15859954f9b6bc7-SIN"
}
```

IPv6 HTTP (port 80)

HTTP Status	200
Connected IP	2606:4700:10::ac42:96ea
Connect Time	29.78 ms
TTFB	3511.71 ms
Total Time	3511.87 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 03 Jul 2026 19:38:13 GMT",
  "2": "Content-Type: text/html; charset=iso-8859-1",
  "3": "Connection: keep-alive",
  "4": "Server: cloudflare",
  "5": "Strict-Transport-Security: max-age=300;includeSubDomains; preload",
}
```

```

"6": "X-Frame-Options: sameorigin",
"7": "Location: https://ijn.com.my/",
"8": "Cf-Cache-Status: DYNAMIC",
"9": "CF-RAY: a15859672fb2ce12-SIN",
"11": "HTTP/2 301",
"12": "date: Fri, 03 Jul 2026 19:38:15 GMT",
"13": "content-type: text/html; charset=UTF-8",
"14": "location: https://www.ijn.com.my/",
"15": "server: cloudflare",
"16": "x-redirect-by: WordPress",
"17": "strict-transport-security: max-age=300;includeSubDomains; preload",
"18": "x-frame-options: sameorigin",
"19": "x-frame-options: SAMEORIGIN",
"20": "referrer-policy: same-origin",
"21": "x-xss-protection: 1; mode=block",
"22": "x-permitted-cross-domain-policies: none",
"23": "x-content-type-options: nosniff",
"24": "cf-cache-status: DYNAMIC",
"25": "cf-ray: a1585968bc6cef74-SIN",
"27": "HTTP/2 200",
"28": "date: Fri, 03 Jul 2026 19:38:16 GMT",
"29": "content-type: text/html; charset=UTF-8",
"30": "server: cloudflare",
"31": "link: <https://www.ijn.com.my/wp-json/>; rel=\"https://api.w.org/\", <https://www.ijn.com.my/wp-json/wp/v2/pages/259>; rel=\"alternate\"; title=\"JSON\"; type=\"application/json\", <https://www.ijn.com.my/>; rel=shortlink",
"32": "strict-transport-security: max-age=300;includeSubDomains; preload",
"33": "x-frame-options: sameorigin",
"34": "x-frame-options: SAMEORIGIN",
"35": "referrer-policy: same-origin",
"36": "x-xss-protection: 1; mode=block",
"37": "x-permitted-cross-domain-policies: none",
"38": "x-content-type-options: nosniff",
"39": "cache-control: max-age=0, no-cache",
"40": "cf-cache-status: DYNAMIC",
"41": "cf-ray: a15859743eccfd3b-SIN"
}
    
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	172.66.150.234
Connect Time	19.21 ms
TTFB	2285.7 ms
Total Time	2285.81 ms

Response Headers:

```

{
  "0": "HTTP/2 301",
  "1": "date: Fri, 03 Jul 2026 19:38:22 GMT",
  "2": "content-type: text/html; charset=UTF-8",
  "3": "location: https://www.ijn.com.my/",
  "4": "server: cloudflare",
  "5": "x-redirect-by: WordPress",
  "6": "strict-transport-security: max-age=300;includeSubDomains; preload",
  "7": "x-frame-options: sameorigin",
  "8": "x-frame-options: SAMEORIGIN",
  "9": "referrer-policy: same-origin",
  "10": "x-xss-protection: 1; mode=block",
  "11": "x-permitted-cross-domain-policies: none",
  "12": "x-content-type-options: nosniff",
  "13": "cf-cache-status: DYNAMIC",
  "14": "cf-ray: a158599c6f575cd7-SIN",
  "16": "HTTP/2 200",
  "17": "date: Fri, 03 Jul 2026 19:38:23 GMT",
  "18": "content-type: text/html; charset=UTF-8",
  "19": "server: cloudflare",
  "20": "link: <https://www.ijn.com.my/wp-json/>; rel=\"https://api.w.org/\", <https://www.ijn.com.my/wp-json/wp/v2/pages/259>; rel=\"alternate\"; title=\"JSON\"; type=\"application/json\", <https://www.ijn.com.my/>; rel=shortlink",
  "21": "strict-transport-security: max-age=300;includeSubDomains; preload",
  "22": "x-frame-options: sameorigin",
  "23": "x-frame-options: SAMEORIGIN",
  "24": "referrer-policy: same-origin",
  "25": "x-xss-protection: 1; mode=block",
  "26": "x-permitted-cross-domain-policies: none",
  "27": "x-content-type-options: nosniff",
  "28": "cache-control: max-age=0, no-cache",
}
    
```

```
"29": "cf-cache-status: DYNAMIC",
"30": "cf-ray: a15859a3790c3fe9-SIN"
}
```

IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2606:4700:10::6814:12e7
Connect Time	16.95 ms
TTFB	2587.21 ms
Total Time	2587.31 ms

Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "date: Fri, 03 Jul 2026 19:38:17 GMT",
  "2": "content-type: text/html; charset=UTF-8",
  "3": "location: https://www.ijn.com.my/",
  "4": "server: cloudflare",
  "5": "x-redirect-by: WordPress",
  "6": "strict-transport-security: max-age=300;includeSubDomains; preload",
  "7": "x-frame-options: sameorigin",
  "8": "x-frame-options: SAMEORIGIN",
  "9": "referrer-policy: same-origin",
  "10": "x-xss-protection: 1; mode=block",
  "11": "x-permitted-cross-domain-policies: none",
  "12": "x-content-type-options: nosniff",
  "13": "cf-cache-status: DYNAMIC",
  "14": "cf-ray: a15859d3c343883-SIN",
  "16": "HTTP/2 200",
  "17": "date: Fri, 03 Jul 2026 19:38:19 GMT",
  "18": "content-type: text/html; charset=UTF-8",
  "19": "server: cloudflare",
  "20": "link: <https://www.ijn.com.my/wp-json/>; rel=\"https://api.w.org/\", <https://www.ijn.com.my/wp-json/wp/v2/pages/259>; rel=\"alternate\"; title=\"JSON\"; type=\"application/json\", <https://www.ijn.com.my/>; rel=shortlink",
  "21": "strict-transport-security: max-age=300;includeSubDomains; preload",
  "22": "x-frame-options: sameorigin",
  "23": "x-frame-options: SAMEORIGIN",
  "24": "referrer-policy: same-origin",
  "25": "x-xss-protection: 1; mode=block",
  "26": "x-permitted-cross-domain-policies: none",
  "27": "x-content-type-options: nosniff",
  "28": "cache-control: max-age=0, no-cache",
  "29": "cf-cache-status: DYNAMIC",
  "30": "cf-ray: a15859863ba281c0-SIN"
}
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.007786 0.058407
TCP Connect IPv6 → port 80	301 0.007222 0.076504
TCP Connect IPv4 → port 443	301 0.007507 1.143987
TCP Connect IPv6 → port 443	301 0.007581 1.107049

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
```