

# IPv6 Readiness Report

thomsonhospitals.com — thomsonhospitals.com



Scan to verify

Category: Healthcare • Generated: 04 Jul 2026, 22:14 MYT • Last Checked: 04 Jul 2026, 03:39 MYT • Verification ID: 81d23191-af5f-4ff1-ae9-99f901aa1d4a  
Report generated from National IPv6 Readiness Monitor — <https://ipv6.my6.my>  
Audit trail: <https://ipv6.my6.my/audit/81d23191-af5f-4ff1-ae9-99f901aa1d4a>

<b>X</b> <b>Non-Compliant</b> MGv6C-1.0	<b>47%</b> <b>No IPv6 Support</b>	<b>IPv6-ONLY READINESS</b> Website: <b>X Not Ready</b> DNS: <b>✓ Ready</b> Email: <b>X Not Ready</b>
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<b>IPv4 ADDRESSES</b> 103.10.78.89
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## Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	STSB-MY
Country	MY
ASN	AS150172
ASN Name	STSB-AS-AP - Serverfreak Technologies Sdn Bhd, MY
Network (CIDR)	103.10.78.0/24

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	<b>Signing Algorithm</b>	<b>INFO</b>	No DNSKEY record found.

**Email Services** (25%) 4 / 6

#	CHECK	RESULT	DETAIL
1	<b>MX Record Exists</b>	<b>PASS</b>	MX record found.
2	<b>MX Server Has IPv6</b>	<b>PASS</b>	MX server has AAAA record.
3	<b>SMTP Reachable via IPv6</b>	<b>FAIL</b>	SMTP is not reachable over IPv6.
4	<b>STARTTLS over IPv6</b>	<b>FAIL</b>	STARTTLS not available over IPv6.
5	<b>SPF Record</b>	<b>PASS</b>	SPF record found.
6	<b>DKIM Selector</b>	<b>INFO</b>	No common DKIM selector found.
7	<b>DMARC Record</b>	<b>PASS</b>	DMARC record found.

**IPv4 Baseline** (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	<b>A Record</b>	<b>PASS</b>	103.10.78.89
2	<b>HTTP over IPv4</b>	<b>PASS</b>	HTTP (port 80) responds over IPv4 — 198ms TTFB.
3	<b>HTTPS over IPv4</b>	<b>PASS</b>	HTTPS (port 443) responds over IPv4 — 153ms TTFB.

### Audit Trail & Evidence Record

Verification ID	81d23191-af5f-4ff1-ae9-99f901aa1d4a
Domain	thomsonhospitals.com
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:38:54 MYT
Finished	04 Jul 2026, 03:39:17 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/81d23191-af5f-4ff1-ae9-99f901aa1d4a

### Integrity Verification

<p><b>✓ INTEGRITY VERIFIED</b></p>	
Algorithm	hmac-sha256-v1
Root Hash	ab9e04e794a598c757e67da4b6f25b0b0e9665ff4f9716b9e246d69a24a449c2
http_headers	e56cc309cc3766618310a6f18194fd50c242b1f3906356b7f6a7bb4ad4f8a11
dns_responses	1811ccaaa8e28df7161075cae2f60dea060b8dc242bc0eb558f53b3849ba1301
tls_handshake	60ff5a57a15c62e0a4027354f837f471940af7b6b7f0ffe92b13c120c4042c66
connectivity_log	b15383aecb3bc890266cd917385b44592ab949c87d5ea51f8da169ddac81a4ac
dns_resolution_times	0d87f10fb56ce24ee47da0044b436a11fd778cec9641cb825b18af9d8e37ab07

### 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	8.95	21.85	10.22	20.39	+1.3
Google	IPv4	25.87	31.94	22.23	23.46	-3.6
Google	IPv6	33.88	38.17	34.71	35.72	+0.8
Cloudflare	IPv4	10.58	21.94	8.96	9.78	-1.6
Cloudflare	IPv6	26.59	35.8	9.78	11.09	-16.8



## DNS Evidence

### A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 3635
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
thomsonhospitals.com. 300 IN A 103.10.78.89
```

### DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 17698
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com. 879 IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1783107516 1800 900 604800 900
```

### MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 3666
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
thomsonhospitals.com. 3600 IN MX 0 SMTP.GOOGLE.com.
```

### NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 31527
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
thomsonhospitals.com. 86400 IN NS nash.ns.cloudflare.com.
thomsonhospitals.com. 86400 IN NS kira.ns.cloudflare.com.
```

### TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 62928
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
thomsonhospitals.com. 3600 IN TXT "google-site-verification=V08EmzUdWJBvSj0pM01WfNST-TVWVN9if0nW1aYgc4"
thomsonhospitals.com. 3600 IN TXT "v=spf1 include:_spf.google.com ~all"
thomsonhospitals.com. 3600 IN TXT "_globalsign-domain-verification=emqUXQjtr5Lmf-fKTfUfse8CSdb_JHcX0ksdxLhjNN"
```

### AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 8618
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
thomsonhospitals.com. 1779 IN SOA kira.ns.cloudflare.com. dns.cloudflare.com. 2407603798 10000 2400 604800 1800
```

### RRSIG

```
kira.ns.cloudflare.com. dns.cloudflare.com. 2407603798 10000 2400 604800 1800
```

### DNSKEY

```
;; Got answer:
```

```
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 21954
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
thomsonhospitals.com. 1779 IN SOA kira.ns.cloudflare.com. dns.cloudflare.com. 2407603798 10000 2400 604800 1800
```

**DNSSEC\_VALIDATION**

```
; unsigned answer
thomsonhospitals.com. 1778 IN SOA kira.ns.cloudflare.com. dns.cloudflare.com. 2407603798 10000 2400 604800 1800
```





```
EdSIhIioU4r7rd/9c446ZwTbw1MucBQJfMPg+NccmBqixD7b6QDjynCy8SIwIVbb
0615XoFYC20UgDX1b10d65pHBf9ZjQCxQnQmJYaumxtf4z1s4dfjGRzNpZ5eWL0
6r/4ngGPoJVpjemEuunl1Ig423g7mNA2eymw0LIYkN5S0wCuaiFIFJ6GlazhgDEw
fpolu4usBC0mmQDo8dIm7A9+04orkjgTHY+GzYZSR+Y0FFukAj6KYXwidlNaLFMz
hriSqHKvoflShx8xpfywgVcvzfT03PYkz6fiNJBonf6q8amaEsybwMbDqKwIX7e
SPY=
-----END CERTIFICATE-----
---
Server certificate
subject=C = MY, ST = Selangor, L = Petaling Jaya, O = Thomson Hospitals Sdn. Bhd., CN = *.thomsonhospitals.com
issuer=C = BE, O = GlobalSign nv-sa, CN = GlobalSign RSA OV SSL CA 2018
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: RSA-PSS
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 3266 bytes and written 402 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_256_GCM_SHA384
Server public key is 2048 bit
Secure Renegotiation IS NOT supported
Compression: NONE
Expansion: NONE
No ALPN negotiated
Early data was not sent
```



## HTTP Response Evidence

### IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	103.10.78.89
Connect Time	4.61 ms
TTFB	152.11 ms
Total Time	152.24 ms

#### Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Connection: Keep-Alive",
  "2": "Keep-Alive: timeout=5, max=100",
  "3": "set-cookie: wp_woocommerce_session_8fd5e88c125132f26bb0b0e4f4d286b1=t_547b6c94c8ab5df738b47d65c60add%7C1783280357%7C1783193957%7C%24generic%24ic95Tyi_296uzR4BmLFdSIq3kkGi0yCysg1YI3xy; expires=Sun, 05 Jul 2026 19:39:17 GMT; Max-Age=172800; path=/; HttpOnly",
  "4": "Content-Type: text/html; charset=UTF-8",
  "5": "Expires: Fri, 03 Jul 2026 20:39:17 GMT",
  "6": "Cache-Control: max-age=3600",
  "7": "X-Redirect-By: WordPress",
  "8": "Location: https://www.thomsonhospitals.com/",
  "9": "X-LiteSpeed-Cache-Control: public,max-age=604800",
  "10": "X-LiteSpeed-Tag: 58c_HTTP.200,58c_HTTP.301,58c_front,58c_URL.6666cd7f69f956469e7be39d750cc7d9,58c_F,58c_Po.9428,58c_PGS,58c_guest,58c_",
  "11": "Date: Fri, 03 Jul 2026 19:39:17 GMT",
  "12": "Strict-Transport-Security: max-age=10886400;includeSubDomains",
  "13": "X-Frame-Options: SAMEORIGIN",
  "14": "X-Content-Type-Options: nosniff",
  "15": "Content-Security-Policy: default-src https: 'unsafe-eval' 'unsafe-inline' 'self'; object-src 'self'; font-src https: data: 'self' http: fonts.googleapis.com themes.googleusercontent.com; connect-src https: wss: 'self'; img-src https: data: 'self' http: *.gravatar.com; worker-src blob: https: 'self' 'unsafe-inline' 'unsafe-eval'; media-src https: blob: 'self'; style-src https: 'unsafe-eval' 'unsafe-inline' 'self' http: fonts.googleapis.com",
  "16": "X-Permitted-Cross-Domain-Policies:",
  "17": "referrer-policy: no-referrer-when-downgrade",
  "19": "HTTP/2 200",
  "20": "content-type: text/html; charset=UTF-8",
  "21": "link: <https://www.thomsonhospitals.com/wp-json/>; rel=\"https://api.w.org/\"",
  "22": "link: <https://www.thomsonhospitals.com/wp-json/wp/v2/pages/9428>; rel=\"alternate\"; title=\"JSON\"; type=\"application/json\"",
  "23": "link: <https://www.thomsonhospitals.com/>; rel=shortlink",
  "24": "etag: \"4804-1783068348;;\";",
  "25": "x-litespeed-cache: hit",
  "26": "date: Fri, 03 Jul 2026 19:39:17 GMT",
  "27": "strict-transport-security: max-age=10886400;includeSubDomains",
  "28": "x-frame-options: SAMEORIGIN",
  "29": "x-content-type-options: nosniff",
  "30": "content-security-policy: default-src https: 'unsafe-eval' 'unsafe-inline' 'self'; object-src 'self'; font-src https: data: 'self' http: fonts.googleapis.com themes.googleusercontent.com; connect-src https: wss: 'self'; img-src https: data: 'self' http: *.gravatar.com; worker-src blob: https: 'self' 'unsafe-inline' 'unsafe-eval'; media-src https: blob: 'self'; style-src https: 'unsafe-eval' 'unsafe-inline' 'self' http: fonts.googleapis.com",
  "31": "x-permitted-cross-domain-policies:",
  "32": "referrer-policy: no-referrer-when-downgrade"
}
```

### IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	103.10.78.89
Connect Time	7.04 ms
TTFB	22.74 ms
Total Time	22.84 ms

#### Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "content-type: text/html; charset=UTF-8",
  "2": "expires: Fri, 03 Jul 2026 20:39:16 GMT",
  "3": "cache-control: max-age=3600",
  "4": "x-redirect-by: WordPress",
  "5": "location: https://www.thomsonhospitals.com/",
  "6": "x-litespeed-cache: hit",
  "7": "date: Fri, 03 Jul 2026 19:39:17 GMT",
  "8": "strict-transport-security: max-age=10886400;includeSubDomains",
  "9": "x-frame-options: SAMEORIGIN",
}
```

```

"10": "x-content-type-options: nosniff",
"11": "content-security-policy: default-src https: 'unsafe-eval' 'unsafe-inline' 'self'; object-src 'self'; font-src https: data: 'self' http: fonts.googleapis.com themes.googleusercontent.com; connect-src https: wss: 'self'; img-src https: data: 'self' http: *.gravatar.com; worker-src blob: https: 'self' 'unsafe-inline' 'unsafe-eval'; media-src https: blob: 'self'; style-src https: 'unsafe-eval' 'unsafe-inline' 'self' http: fonts.googleapis.com",
"12": "x-permitted-cross-domain-policies:",
"13": "referrer-policy: no-referrer-when-downgrade",
"15": "HTTP/2 200",
"16": "content-type: text/html; charset=UTF-8",
"17": "link: <https://www.thomsonhospitals.com/wp-json/>; rel=\"https://api.w.org/\"",
"18": "link: <https://www.thomsonhospitals.com/wp-json/wp/v2/pages/9428>; rel=\"alternate\"; title=\"JSON\"; type=\"application/json\"",
"19": "link: <https://www.thomsonhospitals.com/>; rel=shortlink",
"20": "etag: \"4804-1783068348;;\"",
"21": "x-litespeed-cache: hit",
"22": "date: Fri, 03 Jul 2026 19:39:17 GMT",
"23": "strict-transport-security: max-age=10886400;includeSubDomains",
"24": "x-frame-options: SAMEORIGIN",
"25": "x-content-type-options: nosniff",
"26": "content-security-policy: default-src https: 'unsafe-eval' 'unsafe-inline' 'self'; object-src 'self'; font-src https: data: 'self' http: fonts.googleapis.com themes.googleusercontent.com; connect-src https: wss: 'self'; img-src https: data: 'self' http: *.gravatar.com; worker-src blob: https: 'self' 'unsafe-inline' 'unsafe-eval'; media-src https: blob: 'self'; style-src https: 'unsafe-eval' 'unsafe-inline' 'self' http: fonts.googleapis.com",
"27": "x-permitted-cross-domain-policies:",
"28": "referrer-policy: no-referrer-when-downgrade"
}
    
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.001652 0.146540
TCP Connect IPv4 → port 443	301 0.001562 0.017622

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
    
```