

IPv6 Readiness Report

hbogoasia.my — hbogoasia.my



Scan to verify

Category: Streaming • Generated: 04 Jul 2026, 22:22 MYT • Last Checked: 04 Jul 2026, 03:26 MYT • Verification ID: 0a911b2d-9c8c-4c42-ad69-b182a1e946fc

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

Audit trail: <https://ipv6.my6.my/audit/0a911b2d-9c8c-4c42-ad69-b182a1e946fc>

<p>X</p> <p>Non-Compliant</p> <p>MGv6C-1.0</p>	<p>15%</p> <p>No IPv6 Support</p>	<p>IPV6-ONLY READINESS</p> <p>Website: X Not Ready</p> <p>DNS: X Not Ready</p> <p>Email: X Not Ready</p>
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IPV4 ADDRESSES
52.88.234.211
35.161.48.161

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	FAIL	No valid RRSIG found.	
8	Signing Algorithm	INFO	No DNSKEY record found.	

Email Services (25%)				0 / 6
#	CHECK	RESULT	DETAIL	
1	MX Record Exists	FAIL	No MX record found in DNS.	
2	MX Server Has IPv6	FAIL	MX server has no IPv6 address.	
3	SMTP Reachable via IPv6	FAIL	SMTP is not reachable over IPv6.	

#	CHECK	RESULT	DETAIL
4	STARTTLS over IPv6	FAIL	STARTTLS not available over IPv6.
5	SPF Record	FAIL	No SPF record found.
6	DKIM Selector	INFO	DKIM selector found: default_domainkey
7	DMARC Record	FAIL	No DMARC record found.

IPv4 Baseline (15%)

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#	CHECK	RESULT	DETAIL
1	A Record	PASS	52.88.234.211, 35.161.48.161
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 401ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 605ms TTFB.

Audit Trail & Evidence Record

Verification ID	0a911b2d-9c8c-4c42-ad69-b182a1e946fc
Domain	hbogoasia.my
Check Mode	Scheduled
Status	Completed
Started	04 Jul 2026, 03:26:36 MYT
Finished	04 Jul 2026, 03:26:43 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/0a911b2d-9c8c-4c42-ad69-b182a1e946fc

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	4974564eba546db15e3853e070287f5375f3e3dedae7342904d75e13f6d16c68
http_headers	99e294807abfe4effe2bf90ad2f0300905c4f13cde69cda735353c38afa82023
dns_responses	120c56d1b7c052e60acdc7a10f5f80e9744ba36e3784468d322370a22d2508a0
tls_handshake	c88cbd2dc9663e366f51c61275218b07e38c00d9a12bed68184a80607d02d68c
connectivity_log	dad7db952db6bd791d82e9c95077f88b91dcc2a1edbdecea6792b7a7ddf51220
dns_resolution_times	d9d26a9bc600134cb2208589197c09ed8e73a2096246a69b57650e27bbb9dd1a

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	25.89	36.99	23.03	34.45	-2.9
Google	IPv4	25.35	31.78	21.14	26.92	-4.2
Google	IPv6	34.2	74.69	33.14	36.65	-1.1
Cloudflare	IPv4	25.58	28.29	21.9	25.01	-3.7
Cloudflare	IPv6	10.28	270.54	21.69	23.33	+11.4

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 59929
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
hbogoasia.my. 60 IN A 52.88.234.211
hbogoasia.my. 60 IN A 35.161.48.161
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 64677
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
my. 2944 IN SOA e.nic.my. hostmaster.nic.my. 2026052750 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 15690
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
hbogoasia.my. 297 IN SOA ns1-b6.warnerbros.com. wbol-hostmaster.warnerbros.com. 2017010300 3600 1200 604800 300
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 64375
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
hbogoasia.my. 86400 IN NS ns3-b6.warnerbros.com.
hbogoasia.my. 86400 IN NS ns4-b6.warnerbros.com.
hbogoasia.my. 86400 IN NS ns1-b6.warnerbros.com.
hbogoasia.my. 86400 IN NS ns2-b6.warnerbros.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 19067
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
hbogoasia.my. 300 IN TXT "google-site-verification=E8X_CmMG1c6C1pozVqbKz_e8X8HaI_KBdsUrD3loeu4"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 40977
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
hbogoasia.my. 297 IN SOA ns1-b6.warnerbros.com. wbol-hostmaster.warnerbros.com. 2017010300 3600 1200 604800 300
```

RRSIG

```
ns1-b6.warnerbros.com. wbol-hostmaster.warnerbros.com. 2017010300 3600 1200 604800 300
```

DNSKEY

```
;; Got answer:
;; ->HEADER<- opcode: QUERY, status: NOERROR, id: 32586
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
hbogoasia.my. 297 IN SOA ns1-b6.warnerbros.com. wbol-hostmaster.warnerbros.com. 2017010300 3600 1200 604800 300
```

DNSSEC_VALIDATION

```
; unsigned answer
hbogoasia.my. 86397 IN SOA ns1-b6.warnerbros.com. wbol-hostmaster.warnerbros.com. 2017010300 3600 1200 604800 300
```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	403
Connected IP	52.88.234.211
Connect Time	200.5 ms
TTFB	402.22 ms
Total Time	402.27 ms

Response Headers:

```
[
  "HTTP/1.1 403 Forbidden",
  "Server: awselb/2.0",
  "Date: Fri, 03 Jul 2026 19:26:41 GMT",
  "Content-Type: text/html",
  "Content-Length: 118",
  "Connection: keep-alive"
]
```

IPv4 HTTPS (port 443)

HTTP Status	403
Connected IP	52.88.234.211
Connect Time	200.99 ms
TTFB	605.74 ms
Total Time	605.78 ms

Response Headers:

```
[
  "HTTP/2 403",
  "server: awselb/2.0",
  "date: Fri, 03 Jul 2026 19:26:42 GMT",
  "content-type: text/html",
  "content-length: 118"
]
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.203529 0.408945
TCP Connect IPv4 → port 443	301 0.200726 0.630420

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
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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
```