

IPv6 Readiness Report

hbogoasia.my — hbogoasia.my



Scan to verify

Category: Streaming • Generated: 13 Jun 2026, 19:10 MYT • Last Checked: 13 Jun 2026, 01:05 MYT • Verification ID: 5493aa21-8f31-433b-9a9c-ab548762c318

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

Audit trail: <https://ipv6.my6.my/audit/5493aa21-8f31-433b-9a9c-ab548762c318>

<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
54.203.188.25
52.27.16.243

Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	Amazon.com, Inc.
Country	US
ASN	AS16509
ASN Name	AMAZON-02 - Amazon.com, Inc., US
Network (CIDR)	54.200.0.0/14

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.

#	CHECK	RESULT	DETAIL
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.
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%) 3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	54.203.188.25, 52.27.16.243
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 402ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 604ms TTFB.

Audit Trail & Evidence Record

Verification ID	5493aa21-8f31-433b-9a9c-ab548762c318
Domain	hbogoasia.my
Check Mode	Scheduled
Status	Completed
Started	13 Jun 2026, 01:05:52 MYT
Finished	13 Jun 2026, 01:05:59 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/5493aa21-8f31-433b-9a9c-ab548762c318

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	44a315523c6f853c6d7c3a7a7fe30de55d19a5a09c89349b31e5d797b2e26a86
http_headers	5ff208f7e3673226824e784a75b0152e543dd343062aa8551c41cf10cfe1793f
dns_responses	7449871713ffb6b630c996523f18e7f9346c0b2505775ba0ac25a1aa42c11354
tls_handshake	6f580afec6e29b738b6aba6daf06e060021ae041348bdb6b8f74e9824e975e6d
connectivity_log	fc932beef09d26c5a750262c20fa181edf8d0d2d86c9ffc7e922b47a3d055a95
dns_resolution_times	1be82fe7b52e9b19bdd0c20d93a5535b7e1c8658af52982d9bbd22d81c2e8bbb

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	22.62	23.49	12.08	15.06	-10.5
Google	IPv4	29.2	56.92	24.87	28.11	-4.3
Google	IPv6	23.95	40.46	21	61.91	-3
Cloudflare	IPv4	21.48	23.07	22.2	22.78	+0.7
Cloudflare	IPv6	12.58	105.96	11.9	20.61	-0.7

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 5594
;; 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 54.203.188.25
hbogoasia.my. 60 IN A 52.27.16.243
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 9618
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
my. 3231 IN SOA e.nic.my. hostmaster.nic.my. 2026046676 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 34169
;; 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: 60367
;; 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 ns4-b6.warnerbros.com.
hbogoasia.my. 86400 IN NS ns1-b6.warnerbros.com.
hbogoasia.my. 86400 IN NS ns2-b6.warnerbros.com.
hbogoasia.my. 86400 IN NS ns3-b6.warnerbros.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 63671
;; 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: 64988
;; 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: 31006
;; 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. 86396 IN SOA ns1-b6.warnerbros.com. wbol-hostmaster.warnerbros.com. 2017010300 3600 1200 604800 300
```


TLS Handshake Evidence

IPV4 Connection

IP Used	54.203.188.25
IP Version	4

```
depth=2 OU = GlobalSign Root CA - R3, O = GlobalSign, CN = GlobalSign
verify return:1
depth=1 C = BE, O = GlobalSign nv-sa, CN = GlobalSign RSA OV SSL CA 2018
verify return:1
depth=0 C = US, ST = New York, L = New York, O = "Warner Bros. Discovery, Inc.", CN = hbogoasia.com
verify return:1
CONNECTED(00000010)
---
Certificate chain
0 s:C = US, ST = New York, L = New York, O = "Warner Bros. Discovery, Inc.", CN = hbogoasia.com
i:C = BE, O = GlobalSign nv-sa, CN = GlobalSign RSA OV SSL CA 2018
a:PKKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
v:NotBefore: Oct 14 08:27:49 2025 GMT; NotAfter: Nov 15 08:27:48 2026 GMT
-----BEGIN CERTIFICATE-----
MIIGsDCCBZigAwIBAgIMVypZ/Lxkzji6PLRMA0GCSqGSIb3DQEBwUAMFAxCzAJ
BgNVBAYTAkZFRkRkFwYDQKEBhG9iYm90aWduIFJvbnR0eG9iYm90aWduIG52LXNhMSYw
JAYDVOQDEExIHBG9iYm90aWduIFJvbnR0eG9iYm90aWduIFJvbnR0eG9iYm90aWdu
NjExMTUwODI3NDhaMHIXCzAJBgNVBAYTALVTRREwDwYDVOQDEIeWh0ZXcgW9yazER
MA8GA1UEBxMIITMvM3I3IFVlcmsxJTAjBgNVBAoTFRhcm51c2VzLiBEaXNjb2Zl
cnksIEluYy4xYm90aWduIFJvbnR0eG9iYm90aWduIFJvbnR0eG9iYm90aWdu
AQUAA4IBDwAwggEKAoIBAQD7mxdHvL3u5Gf3tcyjW5Afgc1ZGbwWQTFytcqqUz0
dvtUwZkn3CTFhLM/5+kqjDjQl4m+eTGq4bYSIvccuoXtglnafbXe5iajUn+hG
LDGgTJc/5fM+iAx7SxHSLMw68TqBJGtEeDld/nkL9zrRf65uyoskd/fN5102bNH
QkFb8M2up968hkVnzdyLuB9IvtgkjlTIUNQ+LE852UJnwyj8kkv54q7mY34j0Xy
64mEPGotehYSRpqRCEI70Ju5XBLYI/AxvsUFffaMxv9oPi3e2LrYnkrgY1rp5fs
cnK66TykYcUsCRr6kpnDuMo/waewK4mWEKuNIwduCqjAgMBAAGjggNmMIDYjAE
BgNVHQ8BAf8EBAMCBAAwADYDVR0TAQH/BAIwADCBjgYIKwYBBQUHAQEgYEFwZjBj
BggrrBgEFBQcwoA4aHR0cDovL3N1Y3V5ZS5nbG9iYm90aWduLmNvbS9jYWNlcnQv
Z3N1Y3V5ZS5nbG9iYm90aWduLmNvbS9jYWNlcnQvZ3N1Y3V5ZS5nbG9iYm90aWdu
b2JhbHNPZ24uY29tL2dzcjZzc2xjYTIwMTgwVGV5DVR0gBE8wTTBBBgkrBgEe
AaAARQNDAYBggrBgEFBQcCARYmaHR0cHM6L3N1Y3V5ZS5nbG9iYm90aWduLmNvbS9j
YWNlcnQvZ3N1Y3V5ZS5nbG9iYm90aWduLmNvbS9jYWNlcnQvZ3N1Y3V5ZS5nbG9i
Ym90aWduLmNvbS9jYWNlcnQvZ3N1Y3V5ZS5nbG9iYm90aWduLmNvbS9jYWNlcnQv
YXNpYS5pZiILaGJvZ28uY28udG9iYm90aWduLmNvbS9jYWNlcnQvZ3N1Y3V5ZS5nbG9i
Ym90aWduLmNvbS9jYWNlcnQvZ3N1Y3V5ZS5nbG9iYm90aWduLmNvbS9jYWNlcnQv
zXhnaN5vjySNIpGHAwKz6zAdBgNVHQ8EFgQURKNyEuyS0Lh0HkPsb83o5s2bA8w
ggF9BgorBgEEAdZ5AgQCBIIbBQSCAWkBWz2BAMs49xwJfIshRF9bwd37y7ymLnN
RwppBYWyxTDFfjnAAABmeHVPqsAAAQDAEcwRQIgpPySdL5m6pJwdsB9EusRtQ
grIvp/QZnzMBs9M/n4CIQCVJr7XiN0hQ55Vi0HJr2h+yUfZ4JeV2v9FIZAMBKIM
MQB2AMIxflDfGaNf7n843rK0QevHwiFaIr9/1bWtdprZDLNAAABmeHVPmEAAAQD
AECwRQIhAKoWv1GnQeI4A4FIctS66E6ld/q8L5f9qKxskwrxrf8FAiAHf+51mPjR
4nmB4dUA1dkKa41pM0rV1gV02s5i/tBG4gB1AMijxH/Hs625NwsBP2p6Em3j0k5D
pCZg+Zet0XWZhc+aAAABmeHVPwCAAQDAEYwRAIGejiPvBc0NDbg0vWdKYvAbmqz
0vAVZ+6cXg+bJ4qd3ICIH99f8Fy8zGCUt9z0GygnYfLjpio7Wx64EfeFjLw
MA0GCSqGSIb3DQEBwUAA4IBAQAxe0SziSyLT/Fdykpx6CLBGNLJqKLQo+8UoE0U
TKyftA0dhm2vU2ueGNbic7FFgy76w4VC0E8Z1uLxTe/80kFd2FRB9UNknqr3770r
+v9Tma2J5s+CcvE9bXJ7YiQZfzkr9dt65XjJg1zbt99XGmo2pgQyINKLJ4kLDeB
e52pkkZAQs3ELmGIEMo8upoU3maT87XThijyyTlkdLiSj1uKrr4Zm+rWwL5CETI
d7wdIna0MPHrK26Sv4ua20yAe30thjy54jVfMzC9nRgBjRS5yxzS+p0df/QnN0E
qJcCqoC+F+SDPzZo3L/TMLFiMyFPfLlPUDn/hfhMyCqXJp4
-----END CERTIFICATE-----
1 s:C = BE, O = GlobalSign nv-sa, CN = GlobalSign RSA OV SSL CA 2018
i:OU = GlobalSign Root CA - R3, O = GlobalSign, CN = GlobalSign
a:PKKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
v:NotBefore: Nov 21 00:00:00 2018 GMT; NotAfter: Nov 21 00:00:00 2028 GMT
-----BEGIN CERTIFICATE-----
MIIEtjCCAzagAwIBAgINAe5fIh38YjvUMzqFVzANBgkqhkiG9w0BAQsFADBMMSAw
HgYDVOQLExdHbG9iYm90aWduIFJvbnR0eG9iYm90aWduIG52LXNhMSYwJAYDVOQD
EExIHBG9iYm90aWduIFJvbnR0eG9iYm90aWduIFJvbnR0eG9iYm90aWduIG52LXNh
MSYwJAYDVOQDEExIHBG9iYm90aWduIFJvbnR0eG9iYm90aWduIFJvbnR0eG9iYm90
aWduIFJvbnR0eG9iYm90aWduIFJvbnR0eG9iYm90aWduIFJvbnR0eG9iYm90aWdu
NjExMTUwODI3NDhaMHIXCzAJBgNVBAYTALVTRREwDwYDVOQDEIeWh0ZXcgW9yazER
MA8GA1UEBxMIITMvM3I3IFVlcmsxJTAjBgNVBAoTFRhcm51c2VzLiBEaXNjb2Zl
cnksIEluYy4xYm90aWduIFJvbnR0eG9iYm90aWduIFJvbnR0eG9iYm90aWdu
AQUAA4IBDwAwggEKAoIBAQD7mxdHvL3u5Gf3tcyjW5Afgc1ZGbwWQTFytcqqUz0
dvtUwZkn3CTFhLM/5+kqjDjQl4m+eTGq4bYSIvccuoXtglnafbXe5iajUn+hG
LDGgTJc/5fM+iAx7SxHSLMw68TqBJGtEeDld/nkL9zrRf65uyoskd/fN5102bNH
QkFb8M2up968hkVnzdyLuB9IvtgkjlTIUNQ+LE852UJnwyj8kkv54q7mY34j0Xy
64mEPGotehYSRpqRCEI70Ju5XBLYI/AxvsUFffaMxv9oPi3e2LrYnkrgY1rp5fs
cnK66TykYcUsCRr6kpnDuMo/waewK4mWEKuNIwduCqjAgMBAAGjggNmMIDYjAE
BgNVHQ8BAf8EBAMCBAAwADYDVR0TAQH/BAIwADCBjgYIKwYBBQUHAQEgYEFwZjBj
BggrrBgEFBQcwoA4aHR0cDovL3N1Y3V5ZS5nbG9iYm90aWduLmNvbS9jYWNlcnQv
Z3N1Y3V5ZS5nbG9iYm90aWduLmNvbS9jYWNlcnQvZ3N1Y3V5ZS5nbG9iYm90aWdu
b2JhbHNPZ24uY29tL2dzcjZzc2xjYTIwMTgwVGV5DVR0gBE8wTTBBBgkrBgEe
AaAARQNDAYBggrBgEFBQcCARYmaHR0cHM6L3N1Y3V5ZS5nbG9iYm90aWduLmNvbS9j
YWNlcnQvZ3N1Y3V5ZS5nbG9iYm90aWduLmNvbS9jYWNlcnQvZ3N1Y3V5ZS5nbG9i
Ym90aWduLmNvbS9jYWNlcnQvZ3N1Y3V5ZS5nbG9iYm90aWduLmNvbS9jYWNlcnQv
YXNpYS5pZiILaGJvZ28uY28udG9iYm90aWduLmNvbS9jYWNlcnQvZ3N1Y3V5ZS5nbG9i
Ym90aWduLmNvbS9jYWNlcnQvZ3N1Y3V5ZS5nbG9iYm90aWduLmNvbS9jYWNlcnQv
zXhnaN5vjySNIpGHAwKz6zAdBgNVHQ8EFgQURKNyEuyS0Lh0HkPsb83o5s2bA8w
ggF9BgorBgEEAdZ5AgQCBIIbBQSCAWkBWz2BAMs49xwJfIshRF9bwd37y7ymLnN
RwppBYWyxTDFfjnAAABmeHVPqsAAAQDAEcwRQIgpPySdL5m6pJwdsB9EusRtQ
grIvp/QZnzMBs9M/n4CIQCVJr7XiN0hQ55Vi0HJr2h+yUfZ4JeV2v9FIZAMBKIM
MQB2AMIxflDfGaNf7n843rK0QevHwiFaIr9/1bWtdprZDLNAAABmeHVPmEAAAQD
AECwRQIhAKoWv1GnQeI4A4FIctS66E6ld/q8L5f9qKxskwrxrf8FAiAHf+51mPjR
4nmB4dUA1dkKa41pM0rV1gV02s5i/tBG4gB1AMijxH/Hs625NwsBP2p6Em3j0k5D
pCZg+Zet0XWZhc+aAAABmeHVPwCAAQDAEYwRAIGejiPvBc0NDbg0vWdKYvAbmqz
0vAVZ+6cXg+bJ4qd3ICIH99f8Fy8zGCUt9z0GygnYfLjpio7Wx64EfeFjLw
MA0GCSqGSIb3DQEBwUAA4IBAQAxe0SziSyLT/Fdykpx6CLBGNLJqKLQo+8UoE0U
TKyftA0dhm2vU2ueGNbic7FFgy76w4VC0E8Z1uLxTe/80kFd2FRB9UNknqr3770r
+v9Tma2J5s+CcvE9bXJ7YiQZfzkr9dt65XjJg1zbt99XGmo2pgQyINKLJ4kLDeB
e52pkkZAQs3ELmGIEMo8upoU3maT87XThijyyTlkdLiSj1uKrr4Zm+rWwL5CETI
d7wdIna0MPHrK26Sv4ua20yAe30thjy54jVfMzC9nRgBjRS5yxzS+p0df/QnN0E
qJcCqoC+F+SDPzZo3L/TMLFiMyFPfLlPUDn/hfhMyCqXJp4
-----END CERTIFICATE-----
```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	403
Connected IP	54.203.188.25
Connect Time	200.7 ms
TTFB	402.06 ms
Total Time	402.1 ms

Response Headers:

```
[
  "HTTP/1.1 403 Forbidden",
  "Server: awselb/2.0",
  "Date: Fri, 12 Jun 2026 17:05:57 GMT",
  "Content-Type: text/html",
  "Content-Length: 118",
  "Connection: keep-alive"
]
```

IPv4 HTTPS (port 443)

HTTP Status	403
Connected IP	54.203.188.25
Connect Time	203.6 ms
TTFB	615.2 ms
Total Time	615.23 ms

Response Headers:

```
[
  "HTTP/2 403",
  "server: awselb/2.0",
  "date: Fri, 12 Jun 2026 17:05:58 GMT",
  "content-type: text/html",
  "content-length: 118"
]
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.203696 0.431372
TCP Connect IPv4 → port 443	301 0.201280 0.629859

Test Node Network Evidence

Node Profile	dual stack
--------------	------------

Egress Connectivity

IPv4 Egress	unreachable
IPv6 Egress	unreachable

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
```