

IPv6 Readiness Report

ambg.com.my — ambg.com.my



Scan to verify

Category: Banking • Generated: 04 Jul 2026, 22:18 MYT • Last Checked: 04 Jul 2026, 03:03 MYT • Verification ID: f5805084-0a7f-4b8e-9af2-76854a7b722f

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

Audit trail: <https://ipv6.my6.my/audit/f5805084-0a7f-4b8e-9af2-76854a7b722f>

<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
104.16.4.14

Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	Cloudflare, Inc.
Country	US
ASN	AS13335
ASN Name	CLOUDFLARENET - Cloudflare, Inc., US
Network (CIDR)	104.16.0.0/12

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	No common DKIM selector found.
7	DMARC Record	FAIL	No DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	104.16.4.14
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 82ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 69ms TTFB.

Audit Trail & Evidence Record

Verification ID	f5805084-0a7f-4b8e-9af2-76854a7b722f
Domain	ambg.com.my
Check Mode	Scheduled
Status	Completed
Started	04 Jul 2026, 03:03:02 MYT
Finished	04 Jul 2026, 03:03:08 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/f5805084-0a7f-4b8e-9af2-76854a7b722f

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	122fef9c145f0bb5f77e0c38366ba2b1199acb397520e371084ec11c608b345c
http_headers	9f9d88dca8e9072a863f993adef0d631578e753c067bfe368c82020cc0e6b589
dns_responses	eaaa1fdc4119aacd1b7f56bdfb265396a84d6c4acbd5863ffe38f386e8efa6f1
tls_handshake	6b861a043fc99eb9ee27581b3a53fa911b660114d05a0869bc4ba383b9e30ec9
connectivity_log	269e6c6ca4a2102d1515693dbc13b82b82711664adcf8d76e39c7dc2cff1e330
dns_resolution_times	c1557daa9fa903a80a7b786850d376577b5d5dbd68b9f60c1947295ed05864fc9

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	39.8	61	46.7	49.97	+6.9
Google	IPv4	59.45	88.03	81.4	94.73	+22
Google	IPv6	74.44	92.88	73.05	81.19	-1.4
Cloudflare	IPv4	51.3	54.28	41.02	52.45	-10.3
Cloudflare	IPv6	49.7	63.46	67.07	68.32	+17.4

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 14594
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ambg.com.my. 300 IN A 104.16.4.14
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 11076
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 3592 IN SOA e.nic.my. hostmaster.nic.my. 2026052750 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 61827
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
ambg.com.my. 27 IN SOA dns1.ambg.com.my. hostmaster.dns1.ambg.com.my. 2026062408 10800 3600 604800 86400
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 22866
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 5

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ambg.com.my. 30 IN NS dns6.ambg.com.my.
ambg.com.my. 30 IN NS dns3.ambg.com.my.
ambg.com.my. 30 IN NS dns4.ambg.com.my.
ambg.com.my. 30 IN NS dns5.ambg.com.my.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 41913
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ambg.com.my. 150 IN TXT "_globalsign-domain-verification=ZDu00MhuJpfz31K0V3Nrzmlpo17uxxYCHTkgqYyv4A"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 47832
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
ambg.com.my. 27 IN SOA dns1.ambg.com.my. hostmaster.dns1.ambg.com.my. 2026062408 10800 3600 604800 86400
```

RRSIG

```
dns1.ambg.com.my. hostmaster.dns1.ambg.com.my. 2026062408 10800 3600 604800 86400
```

DNSKEY

```
;; Got answer:
```

```
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 2619
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
ambg.com.my. 2026062408 10800 3600 604800 86400
```

DNSSEC_VALIDATION

```
; unsigned answer
ambg.com.my. 2026062408 10800 3600 604800 86400
```



```
Yy5wa2kuZ29vZy9yL2dzcjEuY3JsMBMGA1UdIAQMMAowCAYGZ4EMAQIBMA0GCSqGSIb3DQEBCwUAA4IBAQAQYQrsPBtYDh5bjP20BDwmkoWhIDDkic574y04tfzHpn+cJodI2D4SseesQ6bDrarZ7C30ddLibZatoKiws3UL9xnELz4ct92vID24FfVbiI1hY+SW6FoVHkNeWIP0GCbaM4C6uVdF5dTUsMVs/ZbzNnIdCp5Gxmx5ejvEau8otR/Csk6N+hr/W5GvT1tMBjgWKZ1i4//emhA1JG1BbPzoLJQvyEotc03lXjTaCzv8mEbeb8RqZ7a2CPsgRbuvTPBwcOMBbmuFeU88+FSBX6+7iP0i18b4Z0QFqIwwMHfs/L6K1vepuoxGzi4CZ68zJpiq1UvSqTbFjtbD4seiMHL
```

-----END CERTIFICATE-----

Server certificate

subject=CN = ambg.com.my

issuer=C = US, O = Google Trust Services, CN = WE1

No client certificate CA names sent

Peer signing digest: SHA256

Peer signature type: ECDSA

Server Temp Key: X25519, 253 bits

SSL handshake has read 2807 bytes and written 393 bytes

Verification: OK

New, TLSv1.3, Cipher is TLS_AES_256_GCM_SHA384

Server public key is 256 bit

Secure Renegotiation IS NOT supported

Compression: NONE

Expansion: NONE

No ALPN negotiated

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	104.16.4.14
Connect Time	9.15 ms
TTFB	57.17 ms
Total Time	57.28 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 03 Jul 2026 19:03:08 GMT",
  "2": "Content-Type: text/html; charset=UTF-8",
  "3": "Connection: keep-alive",
  "4": "Location: https://ambg.com.my/",
  "5": "Server: cloudflare",
  "6": "CF-RAY: a1582603c8a1454a-KUL",
  "7": "alt-svc: h3=\":443\"; ma=86400",
  "9": "HTTP/2 301",
  "10": "date: Fri, 03 Jul 2026 19:03:08 GMT",
  "11": "location: https://www.ambankgroup.com",
  "12": "cf-ray: a1582603eedf1a53-KUL",
  "13": "cf-cache-status: HIT",
  "14": "age: 4",
  "15": "cache-control: public, max-age=0, s-maxage=7200",
  "16": "server: cloudflare",
  "17": "strict-transport-security: max-age=31536000; includeSubDomains; preload",
  "18": "vary: accept-encoding",
  "19": "alt-svc: h3=\":443\"; ma=86400",
  "21": "HTTP/2 200",
  "22": "date: Fri, 03 Jul 2026 19:03:08 GMT",
  "23": "content-type: text/html; charset=utf-8",
  "24": "cf-ray: a15826040eb826f2-KUL",
  "25": "cf-cache-status: HIT",
  "26": "age: 34738",
  "27": "cache-control: public, max-age=0, s-maxage=43200",
  "28": "expires: Fri, 03 Jul 2026 09:24:09 GMT",
  "29": "last-modified: Fri, 03 Jul 2026 09:21:30 GMT",
  "30": "server: cloudflare",
  "31": "strict-transport-security: max-age=31536000; includeSubDomains; preload",
  "32": "vary: accept-encoding",
  "33": "access-control-expose-headers: Request-Context",
  "34": "content-security-policy: default-src 'self'; script-src *.googleapis.com *.gstatic.com www.google.com apis.google.com *.google-analytics.com connect.facebook.net ajax.aspnetcdn.com https://www.youtube.com platform.twitter.com https://syndication.twitter.com/ https://s.yimg.com https://publish.twitter.com *.twimg.com platform.linkedin.com http://platform.stumbleupon.com/1/widgets.js https://*.googletagmanager.com cdnjs.cloudflare.com https://googletagmanager.com https://www.googleadservices.com https://googleads.g.doubleclick.net https://analytics.tiktok.com 'self' https://cdn.insight.sitefinity.com https://player.vimeo.com/api/player.js https://www.youtube.com/iframe_api 'unsafe-inline' ; style-src *.googleapis.com *.gstatic.com kendo.cdn.telerik.com www.google.com platform.twitter.com/css/ *.twimg.com 'self' https://cdn.insight.sitefinity.com 'unsafe-inline'; img-src *.gstatic.com *.googleapis.com platform.tumblr.com web.facebook.com www.facebook.com www.redditstatic.com www.linkedin.com i.ytimg.com https://syndication.twitter.com https://static.licdn.com/scds/common/u/images/apps/connect/sprites/sprite_connect_v14.png pbs.twimg.com platform.twitter.com/css/ *.twimg.com data: blob: https://*.googletagmanager.com https://googleads.g.doubleclick.net https://www.google.com *.google.com.my *.google.com.sg https://analytics.tiktok.com 'self' https://cdn.insight.sitefinity.com; font-src 'self' fonts.gstatic.com kendo.cdn.telerik.com netdna.bootstrapcdn.com data:; frame-src 'self' https://platform.twitter.com/ https://syndication.twitter.com/ https://www.youtube.com/ https://www.youtube-nocookie.com https://player.vimeo.com/ https://w.soundcloud.com/ apis.google.com accounts.google.com staticxx.facebook.com www.facebook.com web.facebook.com badge.stumbleupon.com https://td.doubleclick.net youtube.com https://www.googletagmanager.com/ https://16582823.fls.doubleclick.net; connect-src data: accounts.google.com *.google-analytics.com *.gstatic.com https://*.googletagmanager.com https://*.googleapis.com/ https://analytics.google.com https://stats.g.doubleclick.net https://www.google.com/ccm/collect https://www.google.com https://analytics.tiktok.com/api/v2 https://ad.doubleclick.net https://ad.doubleclick.net/activity https://analytics-ipv6.tiktokw.us/ipv6 https://analytics.tiktok.com 'self' https://*.insight.sitefinity.com https://*.dec.sitefinity.com; media-src 'self' data: blob;; child-src 'self'",
  "35": "cross-origin-embedder-policy: unsafe-none",
  "36": "cross-origin-opener-policy: same-origin-allow-popups",
  "37": "cross-origin-resource-policy: cross-origin",
  "38": "permissions-policy: accelerometer=(self), ambient-light-sensor=(self), autoplay=(self), battery=(self), camera=(self), cross-origin-isolated=(self), display-capture=(self), document-domain=(self), encrypted-media=(self), execution-while-not-rendered=(self), execution-while-out-of-viewport=(self), fullscreen=(self), geolocation=(self), gyroscope=(self), keyboard-map=(self), magnetometer=(self), microphone=(self), midi=(self), navigation-override=(self), payment=(self), picture-in-picture=(self), publickey-credentials-get=(self), screen-wake-lock=(self), sync-xhr=(self), usb=(self), web-share=(self), xr-spatial-tracking=(self)",
  "39": "referrer-policy: no-referrer-when-downgrade",
  "40": "request-context: appId=cid-v1:342a52af-0f26-449a-94d0-2af5f386c437",
  "41": "x-content-type-options: nosniff",
  "42": "x-frame-options: SAMEORIGIN",
  "43": "x-xss-protection: 1; mode=block",
  "44": "sf-cache-key: 9zp_rXuUsCLY28zML5adYdEjUtQ7oGLD03_XPTCOuM1",
  "45": "sf-cache-status: HIT",
}
```

```

"46": "etag: W/\"53208403-b36a-49a6-bfbc-277f18fcef28\"",
"47": "alt-svc: h3=\":443\"; ma=86400"
}
    
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	104.16.4.14
Connect Time	5.23 ms
TTFB	41.47 ms
Total Time	41.53 ms

Response Headers:

```

{
  "0": "HTTP/2 301",
  "1": "date: Fri, 03 Jul 2026 19:03:08 GMT",
  "2": "location: https://www.ambankgroup.com",
  "3": "cf-ray: a15826042e804a38-KUL",
  "4": "cf-cache-status: HIT",
  "5": "age: 4",
  "6": "cache-control: public, max-age=0, s-maxage=7200",
  "7": "server: cloudflare",
  "8": "strict-transport-security: max-age=31536000; includeSubDomains; preload",
  "9": "vary: accept-encoding",
  "10": "alt-svc: h3=\":443\"; ma=86400",
  "12": "HTTP/2 200",
  "13": "date: Fri, 03 Jul 2026 19:03:08 GMT",
  "14": "content-type: text/html; charset=utf-8",
  "15": "cf-ray: a15826044ba01fe1-KUL",
  "16": "cf-cache-status: HIT",
  "17": "age: 34738",
  "18": "cache-control: public, max-age=0, s-maxage=43200",
  "19": "expires: Fri, 03 Jul 2026 09:24:09 GMT",
  "20": "last-modified: Fri, 03 Jul 2026 09:21:30 GMT",
  "21": "server: cloudflare",
  "22": "strict-transport-security: max-age=31536000; includeSubDomains; preload",
  "23": "vary: accept-encoding",
  "24": "access-control-expose-headers: Request-Context",
  "25": "content-security-policy: default-src 'self'; script-src *.googleapis.com *.gstatic.com www.google.com apis.google.com *.google-analytics.com connect.facebook.net ajax.aspnetcdn.com https://www.youtube.com platform.twitter.com https://syndication.twitter.com/ https://s.ytimg.com https://publish.twitter.com *.twimg.com platform.linkedin.com http://platform.stumbleupon.com/1/widgets.js https://*.googletagmanager.com cdnjs.cloudflare.com https://googletagmanager.com https://www.googleservices.com https://googleads.g.doubleclick.net https://analytics.tiktok.com 'self' https://cdn.insight.sitefinity.com https://player.vimeo.com/api/player.js https://www.youtube.com/iframe_api 'unsafe-inline'; style-src *.googleapis.com *.gstatic.com kendo.cdn.telerik.com www.google.com platform.twitter.com/css/ *.twimg.com 'self' https://cdn.insight.sitefinity.com 'unsafe-inline'; img-src *.gstatic.com *.googleapis.com platform.tumblr.com web.facebook.com www.facebook.com www.redditstatic.com www.linkedin.com i.ytimg.com https://syndication.twitter.com https://static.lidn.com/sdcs/common/u/images/apps/connect/sprites/sprite_connect_v14.png pbs.twimg.com platform.twitter.com/css/ *.twimg.com data: blob: https://*.googletagmanager.com https://googleads.g.doubleclick.net https://www.google.com *.google.com.sg https://analytics.tiktok.com 'self' https://cdn.insight.sitefinity.com; font-src 'self' fonts.gstatic.com kendo.cdn.telerik.com netdna.bootstrapcdn.com data:; frame-src 'self' https://platform.twitter.com/ https://syndication.twitter.com/ https://www.youtube.com/ https://www.youtube-nocookie.com https://player.vimeo.com/ https://w.soundcloud.com/ apis.google.com accounts.google.com staticxx.facebook.com www.facebook.com web.facebook.com badge.stumbleupon.com https://td.doubleclick.net youtube.com https://www.googletagmanager.com/ https://16582823.fls.doubleclick.net; connect-src data: accounts.google.com *.google-analytics.com *.gstatic.com https://*.googletagmanager.com https://*.googleapis.com/ https://analytics.google.com https://stats.g.doubleclick.net https://www.google.com/ccm/collect https://www.google.com https://analytics.tiktok.com/api/v2 https://ad.doubleclick.net https://ad.doubleclick.net/activity https://analytics-ipv6.tiktok.us/ipv6 https://analytics.tiktok.com 'self' https://*.insight.sitefinity.com https://*.dec.sitefinity.com; media-src 'self' data: blob:; child-src 'self'",
  "26": "cross-origin-embedder-policy: unsafe-none",
  "27": "cross-origin-opener-policy: same-origin-allow-poppers",
  "28": "cross-origin-resource-policy: cross-origin",
  "29": "permissions-policy: accelerometer=(self), ambient-light-sensor=(self), autoplay=(self), battery=(self), camera=(self), cross-origin-isolated=(self), display-capture=(self), document-domain=(self), encrypted-media=(self), execution-while-not-rendered=(self), execution-while-out-of-viewport=(self), fullscreen=(self), geolocation=(self), gyroscope=(self), keyboard-map=(self), magnetometer=(self), microphone=(self), midi=(self), navigation-override=(self), payment=(self), picture-in-picture=(self), publickey-credentials-get=(self), screen-wake-lock=(self), sync-xhr=(self), usb=(self), web-share=(self), xr-spatial-tracking=(self)",
  "30": "referrer-policy: no-referrer-when-downgrade",
  "31": "request-context: appId=cid-v1:342a52af-0f26-449a-94d0-2af5f386c437",
  "32": "x-content-type-options: nosniff",
  "33": "x-frame-options: SAMEORIGIN",
  "34": "x-xss-protection: 1; mode=block",
  "35": "sf-cache-key: 9zp_rxguUsCLY28zML5adYdEjUtQ7oGLD03_XPTCOuM1",
  "36": "sf-cache-status: HIT",
  "37": "etag: W/\"53208403-b36a-49a6-bfbc-277f18fcef28\"",
  "38": "alt-svc: h3=\":443\"; ma=86400"
}
    
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.004217 0.012461
TCP Connect IPv4 → port 443	301 0.003619 0.062893

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
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
```