

IPv6 Readiness Report

alliancebank.com.my — alliancebank.com.my



Scan to verify

Category: Banking • Generated: 04 Jul 2026, 22:17 MYT • Last Checked: 04 Jul 2026, 03:03 MYT • Verification ID: 0e8ee3df-739d-4cff-b9cb-2102fbf9ff8a

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

Audit trail: <https://ipv6.my6.my/audit/0e8ee3df-739d-4cff-b9cb-2102fbf9ff8a>

<p>X</p> <p>Non-Compliant</p> <p>MGv6C-1.0</p>	<p>38%</p> <p>No IPv6 Support</p>	<p>IPv6-ONLY READINESS</p> <p>Website: X Not Ready</p> <p>DNS: ✓ Ready</p> <p>Email: X Not Ready</p>
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<p>IPv4 ADDRESSES</p> <p>140.150.26.17</p>

Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	lir-ca-metaverse-1-MNT
Country	CA
ASN	AS54994
ASN Name	ML-1432-54994 - Metaverse Limited., CA
Network (CIDR)	140.150.26.0/24

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	Signing Algorithm	INFO	No DNSKEY record found.

Email Services (25%) 2 / 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	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	140.150.26.17
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 2204ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 2072ms TTFB.

Audit Trail & Evidence Record

Verification ID	0e8ee3df-739d-4cff-b9cb-2102fbf9ff8a
Domain	alliancebank.com.my
Check Mode	Scheduled
Status	Completed
Started	04 Jul 2026, 03:02:58 MYT
Finished	04 Jul 2026, 03:03:11 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/0e8ee3df-739d-4cff-b9cb-2102fbf9ff8a

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	9bd81fbf99c466d587625924bc1c3a1670bada29daa8027e577c2b29da889fa6
http_headers	85e31ed4b3d1d42faa6c926fbed57bfb5894307b38252f0732f3b199f85a68f
dns_responses	3472139e1b2f0c7319fb10786825734e4d6c228ae1c8b82094ed1be135165168
tls_handshake	d9b2ca562921415a471b92de3c04f93a1871938f4471346097313e62916b8f5e
connectivity_log	734fe0546622563d60b20c91408022f4060473f90db04c664ee5968ed90e5049
dns_resolution_times	754c03460e9c5120568cfc341be0c285daa6ce861b56142cf82523bf51eebb33

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	-
Server Ipv6	-

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	49.84	59.34	62.69	69.58	+12.9
Google	IPv4	67.91	68.26	62.01	67.66	-5.9
Google	IPv6	60.07	61.56	50.04	55.78	-10
Cloudflare	IPv4	47.91	66.49	51.42	63.99	+3.5
Cloudflare	IPv6	78.37	80.84	58.8	70.9	-19.6

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 36367
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
alliancebank.com.my. 300 IN A 140.150.26.17
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 11164
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 3593 IN SOA e.nic.my. hostmaster.nic.my. 2026052750 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 11023
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
alliancebank.com.my. 3593 IN SOA sdcpbextdns02.stq. hostmaster.multilink.com.my. 791 900 600 86400 3600
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 29045
;; flags: qr rd ra; QUERY: 1, ANSWER: 6, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
alliancebank.com.my. 3600 IN NS a2-67.akam.net.
alliancebank.com.my. 3600 IN NS a1-115.akam.net.
alliancebank.com.my. 3600 IN NS a6-65.akam.net.
alliancebank.com.my. 3600 IN NS a5-64.akam.net.
alliancebank.com.my. 3600 IN NS a12-66.akam.net.
alliancebank.com.my. 3600 IN NS a7-66.akam.net.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 48241
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
alliancebank.com.my. 300 IN TXT "v=spf1 redirect=_s0ehrgcjx.sdmarc.net"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 41699
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
alliancebank.com.my. 3593 IN SOA sdcpbextdns02.stq. hostmaster.multilink.com.my. 791 900 600 86400 3600
```

RRSIG

```
sdcpbextdns02.stq. hostmaster.multilink.com.my. 791 900 600 86400 3600
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 16217
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
alliancebank.com.my. 3593 IN SOA sdcpbextdns02.stq. hostmaster.multilink.com.my. 791 900 600 86400 3600
```

DNSSEC_VALIDATION

```
; unsigned answer
alliancebank.com.my. 3593 IN SOA sdcpbextdns02.stq. hostmaster.multilink.com.my. 791 900 600 86400 3600
```



```
3Ru8MHsGCCsGAQUFBwEBBG8wbTAuBggrBgEFBQcwAYYiaHR0cDovL29jc3AyLmds
b2JhbHNoZ24uY29tL3Jvb3RyMzA7BggrBgEFBQcwAoYvaHR0cDovL3NlY3VyZS5n
bG9iYwxaWduLmNvbS9jYWNLcnQvcm9vdC1yMy5jcnQwNgYDVR0fBC8wLTAroCmg
J4YlaHR0cDovL2Nybc5nbG9iYwxaWduLmNvbS9yb290LXIzLmNybDAtBgNVHSAE
JjAKMAcGBWEBAEBMAwGCSiGAQQBoDIIKAQEwCwYJKwYBBAGgMgEBMA0GCsGSIb3
DQEBChUAA4IBAQCtTjIgw+tiW7E+sCTJ36nrC0I0xMpwE+nTaUG1xQJb+QE18VF
cPvEiqv80onEBkQJFQ1N5YdDu9kydDYXBmIheYD9Z//TLUBnLL7HBje1ugplB0xE
jpu52q0XLxe6nHfeEKnsLZ/Q/eDEsjZKxwF51SLG06ap+09hfdbfMXDkTsfa+yXg
dIxZRCud0QEBTZAow0iCs3rf5wVALh2ePEwqxEm1LkUhvkJMLScobYcJ+vXprK
JijpbPM602H1kqxNcD/nE7aCnm7g5GTaT045CGY1QJ32r9mhx34peuYz05pY+AA3
aVB22PDvfoNyGZyCLRtnt4KKg8dGJLYEhc3D
-----END CERTIFICATE-----
---
Server certificate
subject=businessCategory = Private Organization, serialNumber = 88103-W, jurisdictionC = MY, C = MY, ST = Kuala Lumpur, L = Kuala Lumpur, O = Alliance Bank Malaysia
Berhad, CN = www.alliancebank.com.my
issuer=C = BE, O = GlobalSign nv-sa, CN = GlobalSign GCC R3 EV TLS CA 2025
---
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 3491 bytes and written 385 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_128_GCM_SHA256
Server public key is 2048 bit
Secure Renegotiation IS NOT supported
Compression: NONE
```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	202.75.140.214
Connect Time	13.47 ms
TTFB	2088.51 ms
Total Time	2088.62 ms

Response Headers:

```
{
  "0": "HTTP/1.1 302 Moved Temporarily",
  "1": "Date: Fri, 03 Jul 2026 19:03:07 GMT",
  "2": "Content-Type: text/html",
  "3": "Content-Length: 138",
  "4": "Connection: keep-alive",
  "5": "Location: https://www.alliancebank.com.my/",
  "6": "via: 1.1 jp18:5 (W)",
  "7": "Server: PWS/8.3.1.0.8",
  "8": "X-Px: ht jp18SIN",
  "9": "x-ws-request-id: 6a48076b_jp18_21053-43585",
  "11": "HTTP/1.1 200 OK",
  "12": "Date: Fri, 03 Jul 2026 19:03:09 GMT",
  "13": "Content-Type: text/html; charset=utf-8",
  "14": "Connection: keep-alive",
  "15": "cache-control: no-cache, no-store",
  "16": "pragma: no-cache",
  "17": "set-cookie: .AspNetCore.Antiforgery.nd9ffv4_jYg=CfDJ8ES-81jUu2RElsXBBNQTU0tqlzxnybZEF754p-mQM0g79zWfQEdid2UeYscRwB16Rw7V0ohsj3MsqRgC04JI9rC7AEBORgZx0EM4wzzLKMgyE9B44DRbNgK-000oM9wPwLAsQAbBPm2LzWVInkD1y8; path=/; samesite=strict; httponly",
  "18": "x-frame-options: SAMEORIGIN",
  "19": "x-content-type-options: nosniff",
  "20": "x-xss-protection: 1; mode=block",
  "21": "referrer-policy: strict-origin-when-cross-origin",
  "22": "content-security-policy: default-src 'self' 'unsafe-inline' 'unsafe-eval' data: *.alliancebank.com.my ajax.googleapis.com kit.fontawesome.com ka-f.fontawesome.com *.youtube.com *.youtube-nocookie.com *.googleanalytics.com connect.facebook.net *.google.com snap.lidn.com jscdn.appier.net googleads.g.doubleclick.net *.facebook.com cdn.id5-sync.com tags.crowdctrl.net *.google.com.my px.ads.linkedin.com stats.g.doubleclick.net anylist.c.appier.net id5-sync.com s.c.appier.net www.googleadservices.com bid.g.doubleclick.net ssl.gstatic.com www.gstatic.com fonts.gstatic.com www.google.co.id bcp.crowdctrl.net qrcode.chooyee.co z.moatads.com vl.addthisedge.com m.addthis.com www.linkedin.com p.adsymptotic.com insage.com.my code.jquery.com cdnjs.cloudflare.com cdn.jsdelivr.net www.insage.com.my t0.c.appier.net px4.ads.linkedin.com js.adsrvr.org insight.adsrvr.org cost.affcost.com ad.doubleclick.net secure.adnxs.com trk.ultraid.in *.criteo.com *.criteo.net i.l-dsp.inmobicon.net advertiser.inmobiapis.com bat.bing.net *.tiktok.com insight.adsrvr.org js.adsrvr.org ambstgadm.corp.alliancebg.com.my r.turn.com ambstgadm.corp.alliancebg.com.my 172.15.101.250 td.doubleclick.net libjs.s4mdsp.com evt.s4mdsp.com https://api.tinyurl.com/create urlyte.com qrcode.chooyee.co;",
  "23": "strict-transport-security: max-age=31536000; includeSubDomains; preload",
  "24": "x-envoy-upstream-service-time: 2008",
  "25": "set-cookie: TS01dc4fc6=01b8f84c9497d255b0eeb06eac88cb9844c51fa7932ebbd89a6c4e9c4898bc4ca892c1af89bb09da2f20a8beb29dee924b015cf4d1; Path=/; Secure; HttpOnly; SameSite=Strict;",
  "26": "Server: PWS/8.3.1.0.8",
  "27": "via: 1.1 PS-KUL-04hEg200:11 (W)",
  "28": "X-Px: ms PS-KUL-04hEg200KUL(origin)",
  "29": "x-ws-request-id: 6a48076b_PS-KUL-04hEg200_31768-53536"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	58.26.103.91
Connect Time	28.6 ms
TTFB	2103.45 ms
Total Time	2103.53 ms

Response Headers:

```
{
  "0": "HTTP/1.1 302 Moved Temporarily",
  "1": "Date: Fri, 03 Jul 2026 19:03:09 GMT",
  "2": "Content-Type: text/html",
  "3": "Content-Length: 138",
  "4": "Connection: keep-alive",
  "5": "Location: https://www.alliancebank.com.my/",
  "6": "via: 1.1 jp18:29 (W)",
  "7": "Server: PWS/8.3.1.0.8",
  "8": "X-Px: ht jp18SIN",
}
```

```

"9": "x-ws-request-id: 6a48076d_jp18_29139-39417",
"11": "HTTP/1.1 200 OK",
"12": "Date: Fri, 03 Jul 2026 19:03:11 GMT",
"13": "Content-Type: text/html; charset=utf-8",
"14": "Connection: keep-alive",
"15": "cache-control: no-cache, no-store",
"16": "pragma: no-cache",
"17": "set-cookie: .AspNetCore.Antiforgery.nd9fFv4_jYg=CfDJ8ES-81jUu2RElsXBBNQTU0v_TCcrdbJsFEn0K4l8vG6bjfyL_s3F5QhA1gvz04zPYxLRtkPCoyZ3w-
pb5eD7n6lz8LwL2Jc0Ayg4kwqvN-jtHLEIT_VdFYWSoFw6KhwaRRqRFD23FCCCG_KRmoYKo; path=/; samesite=strict; httponly",
"18": "x-frame-options: SAMEORIGIN",
"19": "x-content-type-options: nosniff",
"20": "x-xss-protection: 1; mode=block",
"21": "referrer-policy: strict-origin-when-cross-origin",
"22": "content-security-policy: default-src 'self' 'unsafe-inline' 'unsafe-eval' data: *.alliancebank.com.my ajax.googleapis.com kit.fontawesome.com ka-
f.fontawesome.com *.youtube.com *.youtube-nocookie.com *.googletagmanager.com *.google-analytics.com connect.facebook.net *.google.com snap.licdn.com
jscdn.appier.net googleads.g.doubleclick.net *.facebook.com cdn.id5-sync.com tags.crowdcontrol.net *.google.com.my px.ads.linkedin.com stats.g.doubleclick.net
anylist.c.appier.net id5-sync.com s.c.appier.net www.googleadservices.com bid.g.doubleclick.net ssl.gstatic.com www.gstatic.com fonts.gstatic.com www.google.co.id
bcp.crowdcontrol.net qrcode.chooyee.co z.moadads.com vl.addthisedge.com m.addthis.com www.linkedin.com p.adsymptotic.com insage.com.my code.jquery.com
cdnjs.cloudflare.com cdn.jsdelivr.net www.insage.com.my t0.c.appier.net px4.ads.linkedin.com js.adsrvr.org insight.adsrvr.org cost.affcost.com ad.doubleclick.net
secure.adnxs.com trk.ultraid.in *.criteo.com *.criteo.net i.l-dsp.inmobicdn.net advertiser.inmobiapis.com bat.bing.com *.tiktok.com insight.adsrvr.org js.adsrvr.org
ambstgadm.corp.alliancebg.com.my r.turn.com ambstgadm.corp.alliancebg.com.my 172.15.101.250 td.doubleclick.net libjs.s4mdsp.com evt.s4mdsp.com
https://api.tinyurl.com/create urlyte.com qrcode.chooyee.co;",
"23": "strict-transport-security: max-age=31536000; includeSubDomains; preload",
"24": "x-envoy-upstream-service-time: 2004",
"25": "set-cookie: TS01dc4fc6=01b8f84c9485b55225c6e99e7d3786d71e152edb9c2c460a1731667be8f0bdbb5c737169364a827c10f38f34c2f13b146f95c50b05; Path=/; Secure;
HttpOnly; SameSite=Strict;",
"26": "Server: PWS/8.3.1.0.8",
"27": "via: 1.1 VM-KUL-01zos100:13 (W)",
"28": "X-Px: ms VM-KUL-01zos100KUL(origin)",
"29": "x-ws-request-id: 6a48076d_VM-KUL-01zos100_15040-45701"
}
    
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	302 0.008630 0.018186
TCP Connect IPv4 → port 443	302 0.006770 0.046081

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
    
```