


IPv6 Readiness Report

alliancebank.com.my — alliancebank.com.my

Category: Banking • Generated: 20 Apr 2026, 21:16 MYT • Last Checked: 07 Mar 2026, 01:00 MYT • Verification ID: 727837d6-fd3a-40ad-ad42-5758f691310b

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

Audit trail: <https://ipv6.my6.my/audit/727837d6-fd3a-40ad-ad42-5758f691310b>

 Non-Compliant <small>MGv6C-1.0</small>	38% Partial Support	IPv6-ONLY READINESS Website: ✗ Not Ready DNS: ✓ Ready Email: ✗ Not Ready
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IPv4 ADDRESSES 140.150.26.17
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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.
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 — 2189ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 2519ms TTFB.

Audit Trail & Evidence Record

Verification ID	727837d6-fd3a-40ad-ad42-5758f691310b
Domain	alliancebank.com.my
Check Mode	Manual
Status	Completed
Started	07 Mar 2026, 00:59:58 MYT
Finished	07 Mar 2026, 01:00:18 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/727837d6-fd3a-40ad-ad42-5758f691310b

Integrity Verification

✓ INTEGRITY VERIFIED

Algorithm	hmac-sha256-v1
Root Hash	1a6786399ac03223a4b9298852647dfef59901fdc21bfafa925c3ada1fda6091
http_headers	2ed06aabdf54f517b8116cf7bce6402ab48c263e9a4140f4ddc6c26a610dfd1c
dns_responses	0c9ea165cb400df65af2343954846b002c6439fec9fe477dde2772a8e0c52ed5
tls_handshake	0c6a7c7700c977e0551ae1343b1d28228cc16b3e93dfcf866ce6f147ed17e597
connectivity_log	40366bac065f8f6e2fd00cdcca5fa49b3e3766614f8b7415cfa23f945c55f50a
dns_resolution_times	4a6623825733b72bd23d7be7dfa2beab0b222ae4fb25d722b92e8538936683a2

Test Node Identity

Os	Linux srv1440888 6.8.0-101-generic #101-Ubuntu SMP PREEMPT_DYNAMIC Mon Feb 9 10:15:05 UTC 2026 x86_64
Hostname	srv1440888
Php Version	8.3.30
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	6.33	16.93	7.96	18.02	+1.6
Google	IPv4	21.24	24.84	25.12	26.48	+3.9
Google	IPv6	32.2	34.51	15.97	23.09	-16.2
Cloudflare	IPv4	8.9	18.03	18.26	24.63	+9.4
Cloudflare	IPv6	17.94	24.23	7.9	19.06	-10

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 54661
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
alliancebank.com.my. 300 IN A 140.150.26.17
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 13227
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
com.my. 1800 IN SOA b.nic.my. hostmaster.nic.my. 2026018479 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 34833
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
alliancebank.com.my. 1800 IN SOA sdcpbextdns02.stq. hostmaster.multilink.com.my. 785 900 600 86400 3600
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 13258
;; flags: qr rd ra; QUERY: 1, ANSWER: 6, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
alliancebank.com.my. 1886 IN NS a12-66.akam.net.
alliancebank.com.my. 1886 IN NS a1-115.akam.net.
alliancebank.com.my. 1886 IN NS a2-67.akam.net.
alliancebank.com.my. 1886 IN NS a7-66.akam.net.
alliancebank.com.my. 1886 IN NS a5-64.akam.net.
alliancebank.com.my. 1886 IN NS a6-65.akam.net.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 44376
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
alliancebank.com.my. 300 IN TXT "v=spf1 redirect=_s0ehrgcjx.sdmarc.net"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 61119
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
alliancebank.com.my. 1407 IN SOA sdcpbextdns02.stq. hostmaster.multilink.com.my. 785 900 600 86400 3600
```

RRSIG

```
sdcpbextdns02.stq. hostmaster.multilink.com.my. 785 900 600 86400 3600
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 12489
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
alliancebank.com.my. 1800 IN SOA sdcpbextdns02.stq. hostmaster.multilink.com.my. 785 900 600 86400 3600
```

DNSSEC_VALIDATION

```
; unsigned answer
alliancebank.com.my. 3600 IN SOA sdcpbextdns02.stq. hostmaster.multilink.com.my. 785 900 600 86400 3600
```



```

VR0TAQH/BAGwBgEB/wIBADAdBgNVHQ4EFgQU3bPnbagu6MV0bs905nU8LBX06B0w
HwYDVR0jBBgwFoAUj/BLf6guRS5uTVd6Y5qL3uLdG7wwPgYIKwYBBQUHAQEEMjAw
MC4GCCsGAQUFBzABhijodHRwOi8vb2NzcDIuZ2xvYmFsc2lnbi5jb20vc9vdHIz
MDYGA1UdHwQwMC0wK6ApoCeGJWh0dHA6Ly9jcmwuZ2xvYmFsc2lnbi5jb20vc9v
dCl1Yy5jcmwRwYDVR0gBEAwPjA8BgRVHSAAMDQwMgYIKwYBBQUHAgEJmh0dHBz
0i8vd3d3Lmdsb2JhbHNPZ24uY29tL3JlcG9zaXRvcnkMA0GCSqSIsb3DQEBCEwA
A4IBAQBVAJzL0J/i0zUV38iMXIQ+0/yht+JZZ5Dw1otGL50YV0LZ6ZE6xh+WuvWJ
J4hrDbhf06khUEaFtRUnurqzuvVYwGw8msnoP0gtMZ011cwPUMUuUv8iGyIOuIB
0fLo6G+Xbv74SZuR5v5RAgqGgXucYUPZwv9AfzMMQhRQkr/MO/wR2XSdiBrXHoD
L2xk4DmjA4K6iPI+1+qMhyrKUM/ZZEdA8ldqwL8nQDkKS7vq6sUZ5LPVdfpxJZZu
5JBj4y7FNFTVW10MLCUvwt5H8aFgBMLFiK9xqK6JFHpYxYmf4t2sLLxN0LlCthJE
abvp10Zl0t fu8hL5gCXcXnwGx5b
-----END CERTIFICATE-----
2 s:OU = GlobalSign Root CA - R3, 0 = GlobalSign, CN = GlobalSign
i:OU = GlobalSign Root CA - R3, 0 = GlobalSign, CN = GlobalSign
a:PKKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
v:NotBefore: Mar 18 10:00:00 2009 GMT; NotAfter: Mar 18 10:00:00 2029 GMT
-----BEGIN CERTIFICATE-----
MIIDxzCCAkegAwIBAgILBAAAAAABIVhTCKIwDQYJKoZIhvcNAQELBQAwTDEgMB4G
A1UECxMXR2xvYmFsc2lnbi5jb2NzcDIuZ2xvYmFsc2lnbi5jb20vc9vdHIzMDYGA1
UdHwQwMC0wK6ApoCeGJWh0dHA6Ly9jcmwuZ2xvYmFsc2lnbi5jb20vc9vdCl1Yy5j
cmwRwYDVR0gBEAwPjA8BgRVHSAAMDQwMgYIKwYBBQUHAgEJmh0dHBz0i8vd3d3L
mdsb2JhbHNPZ24uY29tL3JlcG9zaXRvcnkMA0GCSqSIsb3DQEBCEwA4IBAQBVAJz
L0J/i0zUV38iMXIQ+0/yht+JZZ5Dw1otGL50YV0LZ6ZE6xh+WuvWJJ4hrDbhf06
khUEaFtRUnurqzuvVYwGw8msnoP0gtMZ011cwPUMUuUv8iGyIOuIB0fLo6G+Xbv
74SZuR5v5RAgqGgXucYUPZwv9AfzMMQhRQkr/MO/wR2XSdiBrXHoDL2xk4DmjA4K
6iPI+1+qMhyrKUM/ZZEdA8ldqwL8nQDkKS7vq6sUZ5LPVdfpxJZZu5JBj4y7FN
FTVW10MLCUvwt5H8aFgBMLFiK9xqK6JFHpYxYmf4t2sLLxN0LlCthJEXriX7613t
2Saer9fwRPvm2L7DwzVgkQwQPabumDk3F2xmfGhccAwEAAANCMCEAw

```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	58.26.103.91
Connect Time	14.03 ms
TTFB	3435.56 ms
Total Time	3435.63 ms

Response Headers:

```
{
  "0": "HTTP/1.1 302 Moved Temporarily",
  "1": "Date: Fri, 06 Mar 2026 09:00:09 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 PS-SIN-048KU29:32 (W)",
  "7": "Server: PWS/8.3.1.0.8",
  "8": "X-Px: ht PS-SIN-048KU29SIN",
  "9": "x-ws-request-id: 69aa9799_PS-SIN-048KU29_6465-24607",
  "11": "HTTP/1.1 200 OK",
  "12": "Date: Fri, 06 Mar 2026 09:00:12 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=CfDj38HSii9gZcF5Iu5N3_kDI8337Pivd0B0Hp9cvP73HeDxYTsQa1HAHfjy_glw3wsw0rakK2c2D3uxupdKTeNhUAm0cNz6LHGyU60bqcQUuahoxdIdf4ySmvmtYo47BFfakkKSn0jUNhXZr
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 *.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.crwdcntrl.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.crwdcntrl.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.adsvr.org insight.adsvr.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.adsvr.org js.adsvr.org
abmbstgadm.corp.alliancebg.com.my r.turn.com abmbstgadm.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: 3368",
  "25": "set-cookie: TS01dc4fc6=010de9c72217e4535559726420dfd8166e00fb385a28cb8d25aac1ccf2456f9d686b5b286ea49fe5552a0f589bf8d76285d430b128; Path=/; Secure;
HttpOnly; SameSite=Strict;",
  "26": "Server: PWS/8.3.1.0.8",
  "27": "via: 1.1 VM-KUL-016oX73:4 (W)",
  "28": "X-Px: ms VM-KUL-016oX73KUL(origin)",
  "29": "x-ws-request-id: 69aa9799_VM-KUL-016oX73_31520-36696"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	174.35.95.16
Connect Time	13.25 ms
TTFB	2604.94 ms
Total Time	2605 ms

Response Headers:

```
{
  "0": "HTTP/1.1 302 Moved Temporarily",
  "1": "Date: Fri, 06 Mar 2026 09:00:15 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 jp19:31 (W)",
  "7": "Server: PWS/8.3.1.0.8",
}
```

```

"8": "X-Px: ht jp19SIN",
"9": "x-ws-request-id: 69aa979f_jp19_36869-41388",
"11": "HTTP/1.1 200 OK",
"12": "Date: Fri, 06 Mar 2026 09:00:18 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=CfDj8HSii9gZcF5Iu5N3_kDI833nKg1P-ssPHai3FtgQLfmVL_-
GTT0CKFP9_sWHwYlrWkVYGFeez0rhRAJZPg4v4Io56alPamLKn0TtcE9fUACT9xNLnayBNdamTkK5xf05Hct4VbCqmCCq10LYYS5gXQ; 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 *.google-tagmanager.com *.google-analytics.com connect.facebook.net *.google.com snap.lidn.com
jscdn.appier.net googleads.g.doubleclick.net *.facebook.com cdn.id5-sync.com tags.crwdcntrl.net *.google.com 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.crwdcntrl.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.inmobicdn.net advertiser.inmobiapis.com bat.bing.com *.tiktok.com insight.adsrvr.org js.adsrvr.org
abmbstgadm.corp.alliancebg.com.my r.turn.com abmbstgadm.corp.alliancebg.com.my 172.15.101.250 td.doubleclick.net libjs.s4mdsp.com evt.s4mdsp.com
https://api.tinyurl.com/create urllyte.com qrcode.chooyee.co;",
"23": "strict-transport-security: max-age=31536000; includeSubDomains; preload",
"24": "x-envoy-upstream-service-time: 2510",
"25": "set-cookie: TS01dc4fc6=010de9c7222ed1dd29eac44b5a671cba3bbbd4483e89dd31898107ba5270417fea9fad5c253b3bc48e79b37875bb4827eca12d4ea; Path=/; Secure;
HttpOnly; SameSite=Strict;",
"26": "Server: PWS/8.3.1.0.8",
"27": "via: 1.1 VM-KUL-019Ix37:0 (W)",
"28": "X-Px: ms VM-KUL-019Ix37KUL(origin)",
"29": "x-ws-request-id: 69aa979f_VM-KUL-019Ix37_311-7665"
}
    
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	302 0.006890 0.015380
TCP Connect IPv4 → port 443	302 0.008545 0.046822

Test Node Network Evidence

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

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
76.13.221.0/24 dev eth0 proto kernel scope link src 76.13.221.142
    
```