

IPv6 Readiness Report

allianceislamicbank.com.my — allianceislamicbank.com.my

Category: Banking • Generated: 21 Apr 2026, 17:58 MYT • Last Checked: 07 Mar 2026, 01:00 MYT • Verification ID: 645bbf27-1bef-4d82-b3c6-44d3dd149d3d

Report generated from National IPv6 Readiness Monitor — <https://ipv6.my6.my>Audit trail: <https://ipv6.my6.my/audit/645bbf27-1bef-4d82-b3c6-44d3dd149d3d>**Non-Compliant**

MGv6C-1.0

33%**Partial Support****IPv6-ONLY READINESS**Website: **X Not Ready**DNS: **X Not Ready**Email: **X Not Ready****IPv4 ADDRESSES**

159.60.134.228

Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	F5-MNT
Country	US
ASN	AS35280
ASN Name	F5, FR
Network (CIDR)	159.60.128.0/21

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%)

2 / 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	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%) 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	159.60.134.228
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 2054ms TTFB.

Audit Trail & Evidence Record

Verification ID	645bbf27-1bef-4d82-b3c6-44d3dd149d3d
Domain	allianceislamicbank.com.my
Check Mode	Manual
Status	Completed
Started	07 Mar 2026, 00:59:58 MYT
Finished	07 Mar 2026, 01:00:10 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/645bbf27-1bef-4d82-b3c6-44d3dd149d3d

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	a95a938aec46fef56f83f277e9382f8fc8d6b819ba5094481f121b8d830ce9f
http_headers	18a3379b3065512723d71323274f4c6d4201261ffa89768cb1509477cebb0d15
dns_responses	156d88a16dc312124ada10ba05c72709f91bae964f01b9081493d2244c3be460
tls_handshake	0f9aa4554c9a40e376f9579a543c0461141baf6dcba8058eb8aca9883468d0a7
connectivity_log	b091f6c5ecf8cbe353d0ff790b0792e650a8178cf5d8ef14f7afae5426494771
dns_resolution_times	87186c1c02f89c1ea16e53e6009ee49bf06339c170048710e8db36e1bd90fccf

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	26.42	27.93	12.1	20.72	-14.3
Google	IPv4	14.99	20.14	22.08	33.34	+7.1
Google	IPv6	33.27	37.88	34.35	37.12	+1.1
Cloudflare	IPv4	17.28	22.51	14.42	18.39	-2.9
Cloudflare	IPv6	36.63	195.84	31.38	46.04	-5.3

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 23569
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
allianceislamicbank.com.my. 1800 IN[SOA]sdcpbextdns02.stq. hostmaster.multilink.com.my. 223 900 600 86400 3600
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 61097
;; 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: 64172
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
allianceislamicbank.com.my. 1800 IN[SOA]sdcpbextdns02.stq. hostmaster.multilink.com.my. 223 900 600 86400 3600
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 46942
;; flags: qr rd ra; QUERY: 1, ANSWER: 6, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
allianceislamicbank.com.my. 3600 IN[NS]a12-66.akam.net.
allianceislamicbank.com.my. 3600 IN[NS]a7-66.akam.net.
allianceislamicbank.com.my. 3600 IN[NS]a6-65.akam.net.
allianceislamicbank.com.my. 3600 IN[NS]a5-64.akam.net.
allianceislamicbank.com.my. 3600 IN[NS]a1-115.akam.net.
allianceislamicbank.com.my. 3600 IN[NS]a2-67.akam.net.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 60887
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
allianceislamicbank.com.my. 300[IN]TXT[v=spf1 redirect=_s5l8cd379.sdmarc.net"]
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 16794
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
allianceislamicbank.com.my. 1800 IN[SOA]sdcpbextdns02.stq. hostmaster.multilink.com.my. 223 900 600 86400 3600
```

RRSIG

```
sdcpbextdns02.stq. hostmaster.multilink.com.my. 223 900 600 86400 3600
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 43501
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
allianceislamicbank.com.my. 1800 IN[SOA]sdcpbextdns02.stq. hostmaster.multilink.com.my. 223 900 600 86400 3600
```

DNSSEC_VALIDATION

```
; unsigned answer
allianceislamicbank.com.my. 3596 IN[SOA]sdcpbextdns02.stq. hostmaster.multilink.com.my. 223 900 600 86400 3600
```


TLS Handshake Evidence

IPV4 Connction

IP Used	159.60.134.228
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 Extended Validation CA - SHA256 - G3
verify return:1
depth=0 businessCategory = Private Organization, serialNumber = 88103-W, jurisdictionC = MY, C = MY, ST = Kuala Lumpur, L = Kuala Lumpur, street = "Menara Multi Purpose, Capital Square, No. 8, Jalan Munshi Abdullah", O = Alliance Bank Malaysia Berhad, CN = www.allianceislamicbank.com.my
verify return:1
CONNECTED(00000010)
...
Certificate chain
 0 s:businessCategory = Private Organization, serialNumber = 88103-W, jurisdictionC = MY, C = MY, ST = Kuala Lumpur, L = Kuala Lumpur, street = "Menara Multi Purpose, Capital Square, No. 8, Jalan Munshi Abdullah", O = Alliance Bank Malaysia Berhad, CN = www.allianceislamicbank.com.my
   i:C = BE, O = GlobalSign nv-sa, CN = GlobalSign Extended Validation CA - SHA256 - G3
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: May 20 02:51:01 2025 GMT; NotAfter: Jun 21 02:51:00 2026 GMT
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-----END CERTIFICATE-----
1 s:C = BE, O = GlobalSign nv-sa, CN = GlobalSign Extended Validation CA - SHA256 - G3
   i:OU = GlobalSign Root CA - R3, O = GlobalSign, CN = GlobalSign
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Sep 21 00:00:00 2016 GMT; NotAfter: Sep 21 00:00:00 2026 GMT
-----BEGIN CERTIFICATE-----
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-----END CERTIFICATE-----
```

```

VR0TAQH/BAGwBgEB/wIBADAdBgNVHQ4EFgQU3bPnbagu6MV0bs905nU8LBX06B0w
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-----END CERTIFICATE-----
---
Server certificate
subject=businessCategory = Private Organization, serialNumber = 88103-W, jurisdictionC = MY, C = MY, ST = Kuala Lumpur, L = Kuala Lumpur, street = "Menara Multi
Purpose, Capital Square, No. 8, Jalan Munshi Abdullah", O = Alliance Bank Malaysia Berhad, CN = www.allianceislamicbank.com.my
issuer=C = BE, O = GlobalSign nv-sa, CN = GlobalSign Extended Validation CA - SHA256 - G3
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: RSA-PSS
Server Temp Key: ECDH, prime256v1, 256 bits
---
SSL handshake has read 3611 bytes and written 769 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_256_GCM_SHA384
Server public key is 2048 bit
Secure Renegotiation IS NOT supported

```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	301
Connected IP	159.60.134.228
Connect Time	8.01 ms
TTFB	26.3 ms
Total Time	29.5 ms
Error	Could not resolve host: allianceislamicbank.com.my

Response Headers:

```
[
  "HTTP/1.1 301 Moved Permanently",
  "location: https://allianceislamicbank.com.my/",
  "server: Default",
  "date: Fri, 06 Mar 2026 09:00:04 GMT",
  "connection: close",
  "transfer-encoding: chunked"
]
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	174.35.95.16
Connect Time	12.89 ms
TTFB	2971.59 ms
Total Time	2971.73 ms

Response Headers:

```
{
  "0": "HTTP/2 302",
  "1": "content-length: 193",
  "2": "content-type: text/html; charset=UTF-8",
  "3": "location: https://www.alliancebank.com.my/Alliance-Islamic-Bank-Berhad/Home.aspx",
  "4": "referrer-policy: strict-origin-when-cross-origin",
  "5": "strict-transport-security: max-age=15552001; includeSubDomains; preload",
  "6": "x-content-type-options: nosniff",
  "7": "x-xss-protection: 1; mode=block",
  "8": "date: Fri, 06 Mar 2026 09:00:06 GMT",
  "9": "x-envoy-upstream-service-time: 44",
  "10": "server: Default",
  "12": "HTTP/1.1 301 Moved Permanently",
  "13": "Date: Fri, 06 Mar 2026 09:00:07 GMT",
  "14": "Connection: keep-alive",
  "15": "location: /islamic",
  "16": "x-content-type-options: nosniff",
  "17": "x-xss-protection: 1; mode=block",
  "18": "referrer-policy: strict-origin-when-cross-origin",
  "19": "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.lidn.com jscdn.appier.net googleads.g.doubleclick.net *.facebook.com cdn.id5-sync.com tags.crowdcontrol.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.crowdcontrol.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.adserver.org insight.adserver.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.adserver.org js.adserver.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;",
  "20": "strict-transport-security: max-age=31536000; includeSubDomains; preload",
  "21": "x-envoy-upstream-service-time: 11",
  "22": "Server: PWS/8.3.1.0.8",
  "23": "via: 1.1 VM-KUL-019Ix37:2 (W)",
  "24": "X-Px: ms VM-KUL-019Ix37KUL(origin)",
  "25": "x-ws-request-id: 69aa9797_VM-KUL-019Ix37_564-48721",
  "27": "HTTP/1.1 200 OK",
  "28": "Date: Fri, 06 Mar 2026 09:00:10 GMT",
  "29": "Content-Type: text/html; charset=utf-8",
  "30": "Connection: keep-alive",
  "31": "x-content-type-options: nosniff",
  "32": "x-xss-protection: 1; mode=block",
  "33": "referrer-policy: strict-origin-when-cross-origin",
}
```

```

"34": "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.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.ultraind.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 urlyte.com qrcode.chooyee.co";
"35": "strict-transport-security: max-age=31536000; includeSubDomains; preload",
"36": "x-envoy-upstream-service-time: 2767",
"37": "Server: PWS/8.3.1.0.8",
"38": "via: 1.1 VM-KUL-019Ix37:2 (W)",
"39": "X-Px: ms VM-KUL-019Ix37KUL(origin)",
"40": "x-ws-request-id: 69aa9797_VM-KUL-019Ix37_564-48723"
}
    
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.006985 0.027823
TCP Connect IPv4 → port 443	302 0.007161 0.151182

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
    
```