

IPv6 Readiness Report

allianceislamicbank.com.my — allianceislamicbank.com.my



Scan to verify

Category: Banking • Generated: 04 Jul 2026, 22:18 MYT • Last Checked: 04 Jul 2026, 03:03 MYT • Verification ID: 926cca35-3d43-435e-a2f1-685823c7ea4a

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

Audit trail: <https://ipv6.my6.my/audit/926cca35-3d43-435e-a2f1-685823c7ea4a>

<p>X</p> <p>Non-Compliant</p> <p>MGv6C-1.0</p>	<p>33%</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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<p>IPv4 ADDRESSES</p> <p>159.60.134.228</p>
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Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	F5-MNT
Country	US
ASN	AS35280
ASN Name	F5 - F5 Networks SARL, 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.	

#	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	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 — 1842ms TTFB.

Audit Trail & Evidence Record

Verification ID	926cca35-3d43-435e-a2f1-685823c7ea4a
Domain	allianceislamicbank.com.my
Check Mode	Scheduled
Status	Completed
Started	04 Jul 2026, 03:02:58 MYT
Finished	04 Jul 2026, 03:03:07 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/926cca35-3d43-435e-a2f1-685823c7ea4a

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	a510a7edca8505f2876c51e236e7cb95fb47d41ffa983025104b4ac58f1c5e18
http_headers	13d033b9e1da7983dcec14bd608ee7575a1d25aed4408f473e5200e7ce1fb3bb
dns_responses	f4f10e9073bc487f3a34a378b0a120836f77c361e5bc85c32f39253a956c499c
tls_handshake	36215b140b24f09646a8be6edacc4a6ed21370ae69f66f5fc19c4feb432e4abe
connectivity_log	8d434ac44686c1f08c5880acb787ff343dd04f871dba3dd566b6b6506205f223
dns_resolution_times	bf272695a80e511b340717e16e13ea88ecdc78da97562fa7bfa2bac5ad9b05c6

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	67.09	70.76	67.68	76.41	+0.6
Google	IPv4	64.2	86.46	66.15	67.19	+2
Google	IPv6	62.12	75.37	67.96	73.62	+5.8
Cloudflare	IPv4	53.61	58.23	45.41	56.45	-8.2
Cloudflare	IPv6	39.16	49.07	57.18	66.41	+18

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 43753
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
allianceislamicbank.com.my. 3595 IN[SOA]sdcpbextdns02.stq. hostmaster.multilink.com.my. 226 900 600 86400 3600
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 5711
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my.000359500IN[SOA]e.nic.my. hostmaster.nic.my. 2026052750 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 64734
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
allianceislamicbank.com.my. 3595 IN[SOA]sdcpbextdns02.stq. hostmaster.multilink.com.my. 226 900 600 86400 3600
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 16570
;; flags: qr rd ra; QUERY: 1, ANSWER: 6, AUTHORITY: 0, ADDITIONAL: 1

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

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 54559
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
allianceislamicbank.com.my. 3000IN[TXT]"v=spf1 redirect=_s5l8cd379.sdmarc.net"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 30231
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
allianceislamicbank.com.my. 3595 IN[SOA]sdcpbextdns02.stq. hostmaster.multilink.com.my. 226 900 600 86400 3600
```

RRSIG

```
sdcpbextdns02.stq. hostmaster.multilink.com.my. 226 900 600 86400 3600
```

DNSKEY

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 26298
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
allianceislamicbank.com.my. 3595 IN[]SOA[]sdcpbextdns02.stq. hostmaster.multilink.com.my. 226 900 600 86400 3600
```

DNSSEC_VALIDATION

```
; unsigned answer
allianceislamicbank.com.my. 3595 IN[]SOA[]sdcpbextdns02.stq. hostmaster.multilink.com.my. 226 900 600 86400 3600
```



```
f+QoM5r4R2BZUn5XEMdN+BcWMB8GA1UdIwQYMBaAFI/wS3+oLkUkrk1Q+m0ai97i
3Ru8MHsGCCsGAQUFBwEBBG8wbTAuBggrBgEFBQcwAYYiaHR0cDovL29j c3AyLmds
b2JhbHNpZ24uY29tL3Jvb3RyMzA7BggrrBgEFBQcwoA9vaHR0cDovL3NlY3VyZS5n
bG9iYwxaWduLmNvbS9jYWNLcnQvc9vdC1yMy5j cnQwNgYDVR0fBC8wLTAroCmg
J4YLaHR0cDovL2Nybc5nbG9iYwxaWduLmNvbS9yb290LXIzLmNybDAtBgNVHSAE
JjAKMAcGBweBDAEBMAwGCSGAQBoDIIKAQEwCwYJKwYBBAgGMEBMA0GCsGSIb3
DQEBChUAA4IBAQCtctJjIgw+tiW7E+sCTJ36nrC0IOxMpwE+nTaUG1xQJb+QE18vF
cPvEiqv80onEBkQJFQ1N5YdDu9kydDYXBmIheYD9Z//TLUBnLL7HBje1ugplB0xE
jpuU52q0XLxe6nHfeEKnsLZ/Q/eDEsjZKxwF51SLG06ap+09hdfbMXDKTsfa+yXg
dIXZRCud0QEBTZAow01Cs3rf5wVALhhh2ePEwqxEm1LkUhvkJMLScobYcJ+vXprK
JijbpPM602H1kqxNcd/nE7aCNm7g5GTaT04SCGYiQJ32r9mhx34peuYz05pY+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.allianceislamicbank.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: ECDH, prime256v1, 256 bits
---
SSL handshake has read 3584 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	8.06 ms
TTFB	28.28 ms
Total Time	28.42 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, 03 Jul 2026 19:03:05 GMT",
  "connection: close",
  "transfer-encoding: chunked"
]
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	58.26.103.91
Connect Time	14.81 ms
TTFB	1836.3 ms
Total Time	1836.47 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, 03 Jul 2026 19:03:04 GMT",
  "9": "x-envoy-upstream-service-time: 34",
  "10": "server: Default",
  "12": "HTTP/1.1 301 Moved Permanently",
  "13": "Date: Fri, 03 Jul 2026 19:03:05 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.licdn.com jsdelivr.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: 9",
  "22": "Server: PWS/8.3.1.0.8",
  "23": "via: 1.1 VM-KUL-01zos100:9 (W)",
  "24": "X-Px: ms VM-KUL-01zos100KUL(origin)",
  "25": "x-ws-request-id: 6a480769_VM-KUL-01zos100_13390-52481",
  "27": "HTTP/1.1 200 OK",
  "28": "Date: Fri, 03 Jul 2026 19:03:07 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.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 urlyte.com qrcode.chooyee.co";
"35": "strict-transport-security: max-age=31536000; includeSubDomains; preload",
"36": "x-envoy-upstream-service-time: 1600",
"37": "Server: PWS/8.3.1.0.8",
"38": "via: 1.1 VM-KUL-01zos100:9 (W)",
"39": "X-Px: ms VM-KUL-01zos100KUL(origin)",
"40": "x-ws-request-id: 6a480769_VM-KUL-01zos100_13390-52483"
}
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.011870 0.025116
TCP Connect IPv4 → port 443	302 0.011375 0.186610

Test Node Network Evidence

Node Profile	dual stack
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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
```