

# IPv6 Readiness Report

allianceislamicbank.com.my — allianceislamicbank.com.my



Scan to verify

Category: Banking • Generated: 13 Jun 2026, 18:40 MYT • Last Checked: 13 Jun 2026, 00:48 MYT • Verification ID: 70978eb9-2d30-4815-a08b-0cf56fc5b1ce

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

Audit trail: <https://ipv6.my6.my/audit/70978eb9-2d30-4815-a08b-0cf56fc5b1ce>

<p><b>X</b></p> <p><b>Non-Compliant</b></p> <p>MGv6C-1.0</p>	<p><b>33%</b></p> <p><b>No IPv6 Support</b></p>	<p><b>IPv6-ONLY READINESS</b></p> <p>Website: <b>X Not Ready</b></p> <p>DNS: <b>X Not Ready</b></p> <p>Email: <b>X Not Ready</b></p>
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<p><b>IPv4 ADDRESSES</b></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%) <span style="float: right;">0 / 8</span>			
#	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%) <span style="float: right;">2 / 5</span>			
#	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	<b>Signing Algorithm</b>	<b>INFO</b>	No DNSKEY record found.

**Email Services** (25%) 2 / 6

#	CHECK	RESULT	DETAIL
1	<b>MX Record Exists</b>	<b>FAIL</b>	No MX record found in DNS.
2	<b>MX Server Has IPv6</b>	<b>FAIL</b>	MX server has no IPv6 address.
3	<b>SMTP Reachable via IPv6</b>	<b>FAIL</b>	SMTP is not reachable over IPv6.
4	<b>STARTTLS over IPv6</b>	<b>FAIL</b>	STARTTLS not available over IPv6.
5	<b>SPF Record</b>	<b>PASS</b>	SPF record found.
6	<b>DKIM Selector</b>	<b>INFO</b>	No common DKIM selector found.
7	<b>DMARC Record</b>	<b>PASS</b>	DMARC record found.

**IPv4 Baseline** (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	<b>A Record</b>	<b>PASS</b>	159.60.134.228
2	<b>HTTP over IPv4</b>	<b>PASS</b>	HTTP (port 80) responds over IPv4.
3	<b>HTTPS over IPv4</b>	<b>PASS</b>	HTTPS (port 443) responds over IPv4 — 3703ms TTFB.

### Audit Trail & Evidence Record

Verification ID	70978eb9-2d30-4815-a08b-0cf56fc5b1ce
Domain	allianceislamicbank.com.my
Check Mode	Scheduled
Status	Completed
Started	13 Jun 2026, 00:48:19 MYT
Finished	13 Jun 2026, 00:48:32 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/70978eb9-2d30-4815-a08b-0cf56fc5b1ce

### Integrity Verification

<b>✓ INTEGRITY VERIFIED</b>	
Algorithm	hmac-sha256-v1
Root Hash	f8866cb77d32f4302ed7adf9d0af396f1e8297dec23894f559f259e997d829a8
http_headers	6838074294e96a961d5c6c6acbce71f1d0f408e828fa88c8b6cad3b127817ea8
dns_responses	16f0b3c52a2791647f990d3a32ed3f85e00a0d357e238117fe8b088ff92e7b20
tls_handshake	36215b140b24f09646a8be6edacc4a6ed21370ae69f66f5fc19c4feb432e4abe
connectivity_log	853b28ff444a08ab40bc6f5b4d387175ec4f8696edbf26b1b41e02b0778ef33
dns_resolution_times	383d76891d1f14ea6eda38d98ea57134638058f7e1501abff8fe3732676b370b

### 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	8.3.31
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	9.03	24.09	19.25	22.1	+10.2
Google	IPv4	23.76	27.29	26.62	40.47	+2.9
Google	IPv6	32.42	34.11	38.53	45.26	+6.1
Cloudflare	IPv4	13.23	14.13	37.54	45.64	+24.3
Cloudflare	IPv6	36.38	65.18	24	47.79	-12.4



## DNS Evidence

### A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 38352
;; 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. 3593 IN[SOA]sdcpbextdns02.stq. hostmaster.multilink.com.my. 226 900 600 86400 3600
```

### DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 44996
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my.0003583[IN]SOA[e.nic.my. hostmaster.nic.my. 2026046671 1800 900 604800 3600
```

### MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 46253
;; 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. 3593 IN[SOA]sdcpbextdns02.stq. hostmaster.multilink.com.my. 226 900 600 86400 3600
```

### NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 30223
;; 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]a2-67.akam.net.
allianceislamicbank.com.my. 3600 IN[NS]a12-66.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]a6-65.akam.net.
allianceislamicbank.com.my. 3600 IN[NS]a7-66.akam.net.
```

### TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 48769
;; 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. 300[IN]TXT["v=spf1 redirect=_s5l8cd379.sdmarc.net"]
```

### AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 9835
;; 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. 3593 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
```

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**DNSKEY**

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 15161
;; 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. 3593 IN SOA sdcpbextdns02.stq. hostmaster.multilink.com.my. 226 900 600 86400 3600
```

**DNSSEC\_VALIDATION**

```
; unsigned answer
allianceislamicbank.com.my. 3593 IN SOA sdcpbextdns02.stq. hostmaster.multilink.com.my. 226 900 600 86400 3600
```





```
f+QoM5r4R2BZUn5XEMdN+BcWMB8GA1UdIwQYMBaAFI/wS3+oLkUkrk1Q+m0ai97i
3Ru8MHsGCCsGAQUFBwEBBG8wbTAuBggrBgEFBQcwAYYiaHR0cDovL29jczAyLmDs
b2JhbHNpZ24uY29tL3Jvb3RyZmZlZDg3bG9rBgEFBQcwoA9vaHR0cDovL3NlY3VyZS5n
bG9iYWxzawduLmNvbS9jYWwucm9vdC1yMy5jcnQwNgYDR0fBC8wLTAroCmg
J4YLaHR0cDovL2Nybc5nbG9iYWxzawduLmNvbS9yb290LXIzLmNybDAtBgNVHSAE
JjAKMAcGBWwBDAEBAwGCSiGAQQBoDIIKAQEWcWYJKwYBBAGgMgEBMA0GCsGSIb3
DQEBChUAA4IBAQCtctJigw+tiW7E+sCTJ36nrC0IOxMpwE+nTaUG1xQJb+QE18vF
cPvEiqv80onEBkQJFQ1N5YdDu9kydDYXBmIheYD9Z//TLUBnLL7HBje1ugplB0xE
jpuU52q0XLxe6nHfeEKnsLZ/Q/eDEsjZKxwF51SLG06ap+09hdfbMXDKTsfa+yXg
dIXZRCud00EBTZAow01Cs3rf5wVALhhh2ePEwqxEm1LkUhvkJMLScobYcJ+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	21.58 ms
TTFB	71.69 ms
Total Time	72.08 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, 12 Jun 2026 16:48:28 GMT",
  "connection: close",
  "transfer-encoding: chunked"
]
```

### IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	202.75.140.214
Connect Time	23.88 ms
TTFB	2947.1 ms
Total Time	2947.25 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, 12 Jun 2026 16:48:28 GMT",
  "9": "x-envoy-upstream-service-time: 109",
  "10": "server: Default",
  "12": "HTTP/1.1 301 Moved Permanently",
  "13": "Date: Fri, 12 Jun 2026 16:48:29 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.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;",
  "20": "strict-transport-security: max-age=31536000; includeSubDomains; preload",
  "21": "x-envoy-upstream-service-time: 330",
  "22": "Server: PWS/8.3.1.0.8",
  "23": "via: 1.1 PS-KUL-04hEg200:11 (W)",
  "24": "X-Px: ms PS-KUL-04hEg200KUL(origin)",
  "25": "x-ws-request-id: 6a2c385d_PS-KUL-04hEg200_33180-7251",
  "27": "HTTP/1.1 200 OK",
  "28": "Date: Fri, 12 Jun 2026 16:48:31 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: 2248",
"37": "Server: PWS/8.3.1.0.8",
"38": "via: 1.1 PS-KUL-04hEg200:11 (W)",
"39": "X-Px: ms PS-KUL-04hEg200KUL(origin)",
"40": "x-ws-request-id: 6a2c385d_PS-KUL-04hEg200_33180-7254"
}
    
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.023817 0.066794
TCP Connect IPv4 → port 443	302 0.021749 0.260250

Test Node Network Evidence

Node Profile	dual stack
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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
    
```