

IPv6 Readiness Report

bankislam.com — bankislam.com



Scan to verify

Category: Banking • Generated: 04 Jul 2026, 22:40 MYT • Last Checked: 04 Jul 2026, 03:03 MYT • Verification ID: 7e04f9d6-8bad-40a3-9bdc-e33ffe81431f

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

Audit trail: <https://ipv6.my6.my/audit/7e04f9d6-8bad-40a3-9bdc-e33ffe81431f>

<p>X</p> <p>Non-Compliant</p> <p>MGv6C-1.0</p>	<p>19%</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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IPv4 ADDRESSES
18.141.134.15
13.251.32.112

Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	Amazon Technologies Inc.
Country	US
ASN	AS16509
ASN Name	AMAZON-02 - Amazon.com, Inc., US
Network (CIDR)	18.32.0.0/11

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%) 0 / 5			
#	CHECK	RESULT	DETAIL
1	NS Has AAAA Record	FAIL	No nameserver has an AAAA record.
2	NS Reachable via IPv6	FAIL	No nameserver is reachable over IPv6.
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	PASS	RRSIG signatures are current and valid.

#	CHECK	RESULT	DETAIL
8	Signing Algorithm	INFO	ECDSAP256SHA256

Email Services (25%) 1 / 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	FAIL	No DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	18.141.134.15, 13.251.32.112
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 21ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 32ms TTFB.

Audit Trail & Evidence Record

Verification ID	7e04f9d6-8bad-40a3-9bdc-e33ffe81431f
Domain	bankislam.com
Check Mode	Scheduled
Status	Completed
Started	04 Jul 2026, 03:03:06 MYT
Finished	04 Jul 2026, 03:03:14 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/7e04f9d6-8bad-40a3-9bdc-e33ffe81431f

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	439e2e49f5a0009aa7ad0fac821edb63cb65248488f2e2375419703326e89ba8
http_headers	f0a37c0d2558a86baa2d870aea2ea99f150f87fdc1394dd307b1940acf8f884d
dns_responses	2ffb5092f38bcf9794ff780b6757cc6597cdb98a7ebdcfd27fc35aefaed1d364
tls_handshake	4b7120b6c2c690b2949956445582fbc5f37b9dec5740393a6a38f9aef81b1d04
connectivity_log	e17c7db0f60c93ed4ee797b544658ae102647e23cf0354741fced2cd21816e66
dns_resolution_times	580674e5a896bb6bf86e9d9b4734e11a41094097b9f87c38726801880e3eafe3

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	28.92	45.42	45.75	50	+16.8
Google	IPv4	44.82	52.84	51.2	51.55	+6.4
Google	IPv6	63.7	64.04	46.83	55.15	-16.9
Cloudflare	IPv4	31.08	33.61	22.56	32.27	-8.5
Cloudflare	IPv6	32.82	35.34	38.68	62.57	+5.9

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 13107
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
bankislam.com. 0000IN A 13.251.32.112
bankislam.com. 0000IN A 18.141.134.15
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 3906
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com. 00008870IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1783105361 1800 900 604800 900
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 42847
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
bankislam.com. 00600IN SOA gtm-strateq.bankislam.com.my. hostmaster.gtm-strateq.bankislam.com.my. 2026052202 10800 3600 604800 60
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 41276
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
bankislam.com. 0000IN NS gtm-strateq.bankislam.com.my.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 53131
;; flags: qr rd ra; QUERY: 1, ANSWER: 7, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
bankislam.com. 00300IN TXT "_globalsign-domain-verification=mMwwP73xTpBx6W04bzPKXAt6nbZRJZ1102NBQkek8E"
bankislam.com. 00300IN TXT "facebook-domain-verification=Incxvrlbpthpatuqh6b8q5e4zapnvd"
bankislam.com. 00300IN TXT "0RYNRdUmZ4MLeFwrtR+TkgCW2Ny9NK0lo3rV91pTzLI="
bankislam.com. 00300IN TXT "v=spf1 -all"
bankislam.com. 00300IN TXT "0E52-1576-EFB8-7F67-9706-B65C-1815-6A2C"
bankislam.com. 00300IN TXT "51A1-3C22-CA31-BAD3-4AF9-5228-70B2-EEC4"
bankislam.com. 00300IN TXT "_globalsign-domain-verification=EYYVUSnF8XGplyFoWx0xehYn9XcX0DWCXLaKbMITac"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 10170
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
bankislam.com. 00600IN SOA gtm-strateq.bankislam.com.my. hostmaster.gtm-strateq.bankislam.com.my. 2026052202 10800 3600 604800 60
```

RRSIG

```
gtm-strateq.bankislam.com.my. hostmaster.gtm-strateq.bankislam.com.my. 2026052202 10800 3600 604800 60
```

```
SOA 13 2 500 20260708205027 20260701195027 15104 bankislam.com. dyivnGV/Zhb40KRdGr9k+ZcSFARIKKJ9HMeSJrLYkckCwmFe2rh4eH4i 9suzF1PH7gJD+vQ6veXuV8n30F0F0A==
SOA 13 2 500 20260710190306 20260703180306 5220 bankislam.com. jSDMivzLXLRSISMzxYbhQgt0cMxToStQ0twv0bit7+ymeBKBjhsSKKa Mpe64BwLN86ciQP2hHFoVQ1c1FfQsg==
```

DNSKEY

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 36253
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
bankislam.com. 36253 IN DNSKEY 256 3 13 5aIvA0b9bA6v8dAtLJTGHswPHqu4AlnZDNwglQDaqlBvsR+dygB6YquQ aZ6aSR4KtKawYiH4YD15UMd8i5ZDa==
bankislam.com. 36253 IN RRSIG 257 3 13 G4kwH8loV1Xm5vCbQnmCcnKGI7rWE4f52RMa13NungmsRL09LD/UmTNI ti3z+KX05Sk6Pmz38UxGZz6817tthg==
bankislam.com. 36253 IN DNSKEY 256 3 13 064FEuhPrLbuL+RnIGx72HdZ/C6HtD6sUfKe3V8o0PS+ZJ63ZE1CshYZ 17M7WZNS/qdIPrJsXmf0Dgj131ozA==
```

DNSSEC_VALIDATION

```
;; validating bankislam.com/SOA: no valid signature found
; unsigned answer
bankislam.com. 493 IN SOA gtm-strateq.bankislam.com.my. hostmaster.gtm-strateq.bankislam.com.my. 2026052202 10800 3600 604800 60
bankislam.com. 493 IN RRSIG SOA 13 2 500 20260708205027 20260701195027 15104 bankislam.com. dyivnGV/Zhb40KRdGr9k+ZcSFARIKKJ9HMeSJrLYkckCwmFe2rh4eH4i
9suzF1PH7gJD+vQ6veXuV8n30F0F0A==
bankislam.com. 493 IN RRSIG SOA 13 2 500 20260710190306 20260703180306 5220 bankislam.com. jSDMivzLXLRSISMzxYbhQgt0cMxToStQ0twv0bit7+ymeBKBjhsSKKa
Mpe64BwLN86ciQP2hHFoVQ1c1FfQsg==
```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	403
Connected IP	18.141.134.15
Connect Time	9.44 ms
TTFB	18.24 ms
Total Time	18.28 ms

Response Headers:

```
[
  "HTTP/1.1 403 Forbidden",
  "Server: awselb/2.0",
  "Date: Fri, 03 Jul 2026 19:03:14 GMT",
  "Content-Type: text/html",
  "Content-Length: 118",
  "Connection: keep-alive"
]
```

IPv4 HTTPS (port 443)

HTTP Status	403
Connected IP	18.141.134.15
Connect Time	8.97 ms
TTFB	29.39 ms
Total Time	29.41 ms

Response Headers:

```
[
  "HTTP/2 403",
  "server: awselb/2.0",
  "date: Fri, 03 Jul 2026 19:03:14 GMT",
  "content-type: text/html",
  "content-length: 118"
]
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	403 0.008370 0.017008
TCP Connect IPv4 → port 443	403 0.009322 0.061461

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
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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
```