


IPv6 Readiness Report

bankislam.com — bankislam.com

Category: Banking • Generated: 21 Apr 2026, 18:00 MYT • Last Checked: 07 Mar 2026, 01:00 MYT • Verification ID: 80938a72-be42-46a9-9146-7682ce8cfc83

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

Audit trail: <https://ipv6.my6.my/audit/80938a72-be42-46a9-9146-7682ce8cfc83>

 Non-Compliant <small>MGv6C-1.0</small>	19% No IPv6 Support	IPv6-ONLY READINESS Website: X Not Ready DNS: X Not Ready Email: X Not Ready
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IPv4 ADDRESSES
13.251.32.112
18.141.134.15

Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	Amazon Data Services Singapore
Country	US
ASN	AS16509
ASN Name	AMAZON-02 - Amazon.com, Inc., US
Network (CIDR)	13.250.0.0/15

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.
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	13.251.32.112, 18.141.134.15
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 18ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 34ms TTFB.

Audit Trail & Evidence Record

Verification ID	80938a72-be42-46a9-9146-7682ce8cfc83
Domain	bankislam.com
Check Mode	Manual
Status	Completed
Started	07 Mar 2026, 01:00:06 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/80938a72-be42-46a9-9146-7682ce8cfc83

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	5f48fb08b32aede7659a90ac0a03bbfe48d332ef2ac94fc782c66ef58bc81cde
http_headers	927deef9237bf7e05384e52d523f45709df64e6d5f20ef1828c23d4c7561f
dns_responses	e13e1bd6c0f70dd4322e4cce4059684a86ae6d725003295897006dc402f287e5
tls_handshake	638a420a689fb4d9323b720fdd865ff560eb882fa4dac9a709fbc3a48065622b
connectivity_log	d78df6cc498b93cf8a26e43f9d368a473d8fb95e26068e3db0973e33d39a6ba4
dns_resolution_times	f7ac2962342e84b227cb04df16c861eb0a67d9e8568d56b357ab151ddd628464

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	19	19.75	13.74	16.74	-5.3
Google	IPv4	33.01	40.82	37.48	48.98	+4.5
Google	IPv6	48.12	58.06	30	31.29	-18.1
Cloudflare	IPv4	22.04	26.07	18.04	19.62	-4
Cloudflare	IPv6	17.71	24.36	17	26.25	-0.7

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 46105
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
bankislam.com. 0000IN A 18.141.134.15
bankislam.com. 0000IN A 13.251.32.112
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 44393
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
com. 0009000IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1772787581 1800 900 604800 900
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 15805
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
bankislam.com. 00600IN SOA gtm-strateq.bankislam.com.my. hostmaster.gtm-strateq.bankislam.com.my. 2025102504 10800 3600 604800 60
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 31426
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
bankislam.com. 0000IN NS gtm-strateq.bankislam.com.my.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 37642
;; flags: qr rd ra; QUERY: 1, ANSWER: 6, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
bankislam.com. 00300IN TXT "51A1-3C22-CA31-BAD3-4AF9-5228-70B2-EEC4"
bankislam.com. 00300IN TXT "_globalsign-domain-verification=EYVVUSnF8XGplyFoWx0xehYn9xCXODWCXLaKbMITac"
bankislam.com. 00300IN TXT "v=spf1 -all"
bankislam.com. 00300IN TXT "0E52-1576-EFB8-7F67-9706-B65C-1815-6A2C"
bankislam.com. 00300IN TXT "facebook-domain-verification=Incxvrlbpthpatuqh6b8q5e4zapnvd"
bankislam.com. 00300IN TXT "0RYNRdUmZ4MLEFwxtR+TkgCW2Ny9NK0lo3rV91pTzLI="
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 25566
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
bankislam.com. 00600IN SOA gtm-strateq.bankislam.com.my. hostmaster.gtm-strateq.bankislam.com.my. 2025102504 10800 3600 604800 60
```

RRSIG

```
gtm-strateq.bankislam.com.my. hostmaster.gtm-strateq.bankislam.com.my. 2025102504 10800 3600 604800 60
```

```
SOA 13 2 500 20260309170102 20260302160102 4668 bankislam.com. rPMxziQ3p0KpB7WH0/YyL7jZ88NhLXlzcMF11xCroBgX30LwBtodt5GL DGGscYuM00qpNkAZ763q7nphs01K4w==
SOA 13 2 500 20260311142914 20260304132914 34796 bankislam.com. kGF1Y07xZioDR+krKwLI9ki1NK2nPg3p9J96TC1mNxc8Y2cda+CDy7R ACUFxd4dXSlhQ6T6Cfnc0k9pGTxnsbg==
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 16305
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
bankislam.com. 3600 IN DNSKEY 256 3 13 xnYn0z7RPhmju8qRhStxgR0bU/gkgZ5YGVg2fP1pMTLvfV0Vj0A71Ee hlenBKIAeUAREZ086FcXxCQWU5680A==
bankislam.com. 3600 IN DNSKEY 257 3 13 G4kwH8loV1Xm5vCbQnmCcnKGI7rWE4f52RMa13NungmsRL09LD/UmTNI ti3z+KX05Sk6Pmz38UxGZz6817tthg==
bankislam.com. 3600 IN DNSKEY 256 3 13 wyawhItJKZszVZqBdNXuPpCTNgHnKIC80p0JbkrdSrK9ECPqTPmLZgD hbzgteV7RjehXJk6bCgaT7Hrw1tssQ==
```

DNSSEC_VALIDATION

```
;; validating bankislam.com/SOA: no valid signature found
;; unsigned answer
bankislam.com. 500 IN SOA gtm-strateq.bankislam.com.my. hostmaster.gtm-strateq.bankislam.com.my. 2025102504 10800 3600 604800 60
bankislam.com. 500 IN RRSIG SOA 13 2 500 20260309170102 20260302160102 4668 bankislam.com. rPMxziQ3p0KpB7WH0/YyL7jZ88NhLXlzcMF11xCroBgX30LwBtodt5GL
DGGscYuM00qpNkAZ763q7nphs01K4w==
bankislam.com. 500 IN RRSIG SOA 13 2 500 20260311142914 20260304132914 34796 bankislam.com. kGF1Y07xZioDR+krKwLI9ki1NK2nPg3p9J96TC1mNxc8Y2cda+CDy7R
ACUFxd4dXSlhQ6T6Cfnc0k9pGTxnsbg==
```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	403
Connected IP	13.251.32.112
Connect Time	10.54 ms
TTFB	21.03 ms
Total Time	21.06 ms

Response Headers:

```
[
  "HTTP/1.1 403 Forbidden",
  "Server: awselb/2.0",
  "Date: Fri, 06 Mar 2026 09:00:10 GMT",
  "Content-Type: text/html",
  "Content-Length: 118",
  "Connection: keep-alive"
]
```

IPv4 HTTPS (port 443)

HTTP Status	403
Connected IP	13.251.32.112
Connect Time	8.59 ms
TTFB	30.85 ms
Total Time	30.87 ms

Response Headers:

```
[
  "HTTP/2 403",
  "server: awselb/2.0",
  "date: Fri, 06 Mar 2026 09:00:10 GMT",
  "content-type: text/html",
  "content-length: 118"
]
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.009124 0.018829
TCP Connect IPv4 → port 443	301 0.008721 0.300921

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