

IPv6 Readiness Report

amislamicbank.com.my — amislamicbank.com.my



Scan to verify

Category: Banking • Generated: 04 Jul 2026, 22:18 MYT • Last Checked: 04 Jul 2026, 03:03 MYT • Verification ID: ae147e10-3479-4240-bfd3-47678ac04868

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

Audit trail: <https://ipv6.my6.my/audit/ae147e10-3479-4240-bfd3-47678ac04868>

<p>X</p> <p>Non-Compliant</p> <p>MGv6C-1.0</p>	<p>0%</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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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	FAIL	No valid RRSIG found.	
8	Signing Algorithm	INFO	No DNSKEY record found.	

Email Services (25%)				0 / 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	FAIL	No SPF record found.	
6	DKIM Selector	INFO	No common DKIM selector found.	

#	CHECK	RESULT	DETAIL
7	DMARC Record	FAIL	No DMARC record found.

IPv4 Baseline (15%)

0 / 3

#	CHECK	RESULT	DETAIL
1	A Record	FAIL	No A record found in DNS.
2	HTTP over IPv4	FAIL	HTTP is not accessible over IPv4.
3	HTTPS over IPv4	FAIL	HTTPS is not accessible over IPv4.

Audit Trail & Evidence Record

Verification ID	ae147e10-3479-4240-bfd3-47678ac04868
Domain	amislamicbank.com.my
Check Mode	Scheduled
Status	Completed
Started	04 Jul 2026, 03:02:58 MYT
Finished	04 Jul 2026, 03:03:01 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/ae147e10-3479-4240-bfd3-47678ac04868

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	33976ef0d70c08b4edfedfc8c00450edb483ae252e20a707efbbff3185b52d35
http_headers	6ede7eacb14b76f4ce35f71f6be0c7789ffa29139c6c6777ef656441a7bcc48
dns_responses	dbcea01537bfe7cf2550e1be5b5fd230055e7ad1111c045124e61508754846a6
tls_handshake	6ede7eacb14b76f4ce35f71f6be0c7789ffa29139c6c6777ef656441a7bcc48
connectivity_log	6ede7eacb14b76f4ce35f71f6be0c7789ffa29139c6c6777ef656441a7bcc48
dns_resolution_times	d3bfc304bc78764f78d7bf8050e3637aa2939f1d198106fd0d20ce99494c6334

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	30.78	41.72	27.62	29.61	-3.2
Google	IPv4	44.2	45.08	49.15	52.74	+5
Google	IPv6	65.41	1043.73	43.95	50.19	-21.5
Cloudflare	IPv4	38.87	52.28	24.53	31.68	-14.3
Cloudflare	IPv6	46.08	46.26	44.87	46.95	-1.2

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NXDOMAIN, id: 41110
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 0000359900IN0SOA0e.nic.my. hostmaster.nic.my. 2026052750 1800 900 604800 3600
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NXDOMAIN, id: 35524
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 0000359900IN0SOA0e.nic.my. hostmaster.nic.my. 2026052750 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NXDOMAIN, id: 49819
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 0000359900IN0SOA0e.nic.my. hostmaster.nic.my. 2026052750 1800 900 604800 3600
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NXDOMAIN, id: 28300
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 0000359900IN0SOA0e.nic.my. hostmaster.nic.my. 2026052750 1800 900 604800 3600
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NXDOMAIN, id: 35440
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 0000359900IN0SOA0e.nic.my. hostmaster.nic.my. 2026052750 1800 900 604800 3600
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NXDOMAIN, id: 35947
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 0000359900IN0SOA0e.nic.my. hostmaster.nic.my. 2026052750 1800 900 604800 3600
```

RRSIG

DNSKEY

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NXDOMAIN, id: 21877
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1
```

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

DNSSEC_VALIDATION

```
;; resolution failed: ncache nxdomain
; negative response, fully validated
; amislamicbank.com.my. IN ANY - NXDOMAIN
; com.my. SOA e.nic.my. hostmaster.nic.my. 2026052750 1800 900 604800 3600
; com.my. RRSIG SOA ...
; hbi5pulqmp4be04ud7cbp8pf1qnurhue.com.my. RRSIG NSEC3 ...
; hbi5pulqmp4be04ud7cbp8pf1qnurhue.com.my. NSEC3 1 1 0 - HDL28283D7A2C748RME0J82E0JHTEEAM NS SOA RRSIG DNSKEY NSEC3PARAM
; so0500tof8n4us2uol3tbgilkrt7p0.com.my. RRSIG NSEC3 ...
; so0500tof8n4us2uol3tbgilkrt7p0.com.my. NSEC3 1 1 0 - STN3700JP769KH0I90LBPRF9BC6D90SM NS DS RRSIG
; uhldlani1kc8fa4pmpnhcmjij4061m7g.com.my. RRSIG NSEC3 ...
; uhldlani1kc8fa4pmpnhcmjij4061m7g.com.my. NSEC3 1 1 0 - UN486C036JNJCI003ARP220S07RHD7R6 NS DS RRSIG
```

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
```