IPv6 Readiness Report

bankrakyat.com.my — bankrakyat.com.my

Scan to verify

Category: Banking • Generated: 02 Nov 2026, 02:48 MYT • Last Checked: 08 Aug 2026, 18:01 MYT • Verification ID: a8c5a7c9-c705-4157-9f96-712a58fbd106
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/a8c5a7c9-c705-4157-9f96-712a58fbd106

✗

Non-Compliant

MGv6C-1.0

28%

No IPv6 Support

IPV6-ONLY READINESS

Website: ✗ **Not Ready**

DNS: ✗ **Not Ready**

Email: ✗ **Not Ready**

IPV4 ADDRESSES

45.60.155.140
45.60.159.140

Network Information (WHOIS / RDAP)

	IPv4 Network
Organization	Incapsula Inc
Country	US
ASN	AS19551
ASN Name	INCAPSULA - Incapsula Inc, US
Network (CIDR)	45.60.0.0/16

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%) — 1 / 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**	PASS	DNSSEC fully validated.
5	**Reverse DNS (PTR)**	FAIL	No PTR record found.
6	**DS Record at Parent**	PASS	DS record found at parent zone.
7	**RRSIG Valid**	PASS	RRSIG signatures are current and valid.

#	CHECK	RESULT	DETAIL
8	**Signing Algorithm**	INFO	ECDSAP256SHA256

Email Services (25%) 3 / 6

#	CHECK	RESULT	DETAIL
1	**MX Record Exists**	PASS	MX record found.
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%) 2 / 3

#	CHECK	RESULT	DETAIL
1	**A Record**	PASS	45.60.155.140, 45.60.159.140
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 317ms TTFB.
3	**HTTPS over IPv4**	FAIL	HTTPS is not accessible over IPv4.

Audit Trail & Evidence Record

Verification ID	a8c5a7c9-c705-4157-9f96-712a58fbd106
Domain	bankrakyat.com.my
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:01:14 MYT
Finished	08 Aug 2026, 18:01:20 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/a8c5a7c9-c705-4157-9f96-712a58fbd106

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	9de795de695b0bc13416e0d85f6d908a8d7cca1c2db2222ddd126c4a632e8d97
http_headers	833612973d72e0a8ae48bbbf2e25a0c050c7bb589f267d3da8d9858f497b1749
dns_responses	cb5adb98c42e7d3c7267034287d768d0baef1bae98a924000e65cbff4620fbfa
tls_handshake	8632f019e7400c32d697fc29f6fdc20a269870919adb266cd22cc6f72106fc9b
connectivity_log	b97a9866ea12d661aa4205ea4980a34fae3286fa070a2f1700e700a4e6da1215
dns_resolution_times	fcf9b37484dac759369fc4b797eda718a49486db8cf76ab7f3999d19e81515a8

Test Node Identity

Os	Linux srv1440888 6.8.0-136-generic #136-Ubuntu SMP PREEMPT_DYNAMIC Wed Jul 1 21:53:05 UTC 2026 x86_64
Hostname	srv1440888
Php Version	8.3.33
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	23.38	23.87	23.35	24.03	-0
Google	IPv4	158.3	173.15	97.46	162.53	-60.8
Google	IPv6	145.43	161.29	173.92	180.21	+28.5
Cloudflare	IPv4	25.31	26.63	23.95	50.25	-1.4
Cloudflare	IPv6	29.02	31.42	28.23	39.43	-0.8

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 34655
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
bankrakyat.com.my.	60	IN	A	45.60.155.140
bankrakyat.com.my.	60	IN	A	45.60.159.140
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 33994
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
bankrakyat.com.my.	58674	IN	DS	9981 13 2 45AC067C6B742B35B67201788E83D181C98780C64287DA8C38F3A507 47F2B928
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 49177
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
bankrakyat.com.my.	60	IN	MX	0 mx2.bankrakyat.com.my.
bankrakyat.com.my.	60	IN	MX	0 mx1.bankrakyat.com.my.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 60621
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 4

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
bankrakyat.com.my.	3478	IN	NS	hpnt4.bankrakyat.com.my.
bankrakyat.com.my.	3478	IN	NS	ns2.bankrakyat.com.my.
bankrakyat.com.my.	3478	IN	NS	ns3.bankrakyat.com.my.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 45418
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 9, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
bankrakyat.com.my.	3478	IN	TXT	"jk54b2t4zltw3sr6xxwdb9p6wclsftft"
bankrakyat.com.my.	3478	IN	TXT	"google-site-verification=xGp-DJguir1j4D4dfcQgyIezmhmO0L-X8sp6PpdOHtU"
bankrakyat.com.my.	3478	IN	TXT	"globalsign-domain-verification=442AE5C04430BF18E93E3A6A169F9D39"
bankrakyat.com.my.	3478	IN	TXT	"qhfldc0gk1d4mz1zkss92pq03rb8wf8g"
bankrakyat.com.my.	3478	IN	TXT	"google-site-verification=shtLgWmZ5HrZHol95--947CqYF01H9Qo-84YZ_pCY5s"
bankrakyat.com.my.	3478	IN	TXT	"_ietdkg9nc5qt7mkqy6p87x0sn33gfp4"
bankrakyat.com.my.	3478	IN	TXT	"v=spf1 ip4:1.9.61.235 ip4:1.9.61.236 ip4:1.9.61.165 ip4:1.9.61.237 ip4:1.9.61.238 ip4:20.212.50.172 ip4:20.212.104.53 ip4:168.63.237.150
ip4:207.46.227.230 ip4:168.63.248.182 include:service-now.com include:email-messaging.com -all"
bankrakyat.com.my.	3478	IN	TXT	"FV7uIXEhnkDoGZgJ8r6xuBSkgcNRDmkC9RgApf2Za2E2JDDMJiRMrg1v7mfefb2bwguZ1uIHkbl4dgLzeT3bMA=="
bankrakyat.com.my.	3478	IN	TXT	"globalsign-domain-verification=162a2a62301ce4ea1829c6a33062cd57"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 9939
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
```

```
;; AUTHORITY SECTION:
bankrakyat.com.my.␣778␣IN␣SOA␣hpnt4.bankrakyat.com.my. admin.bankrakyat.com.my. 2026080504 10800 3600 2419200 900
```

RRSIG

```
hpnt4.bankrakyat.com.my. admin.bankrakyat.com.my. 2026080504 10800 3600 2419200 900
SOA 13 3 3600 20260812093130 20260805083130 41548 bankrakyat.com.my. DAgRYKhcLd+v4A9FCuHd0RbpN+zoGUqay9VmRkqneVCw8HcK+ExIQcHv R9pU1yv5YKpZQALCMJ0E2Nl0gFgfxA==
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 33592
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
bankrakyat.com.my.␣3458␣IN␣DNSKEY␣257 3 13 KUR9WpXnQLDZZdk5c9sVHiEY0alb4TtD7OhAD9/3yR/J4+lyZCLaKEJD K6dj+GMYNvLwmOxOslrBKp5bz4DuTw==
bankrakyat.com.my.␣3458␣IN␣DNSKEY␣256 3 13 ppajh2FAg5unfWbMx6GazNkeBLx9s7R9M9v9rLq6/HX3DulEPLtsT3GP SbqpeO1is3avVVmAb/lBFCqHfF0WBQ==
```

DNSSEC_VALIDATION

```
; fully validated
bankrakyat.com.my.␣3458␣IN␣SOA␣hpnt4.bankrakyat.com.my. admin.bankrakyat.com.my. 2026080504 10800 3600 2419200 900
bankrakyat.com.my.␣3458␣IN␣RRSIG␣SOA 13 3 3600 20260812093130 20260805083130 41548 bankrakyat.com.my. DAgRYKhcLd+v4A9FCuHd0RbpN+zoGUqay9VmRkqneVCw8HcK+ExIQcHv
R9pU1yv5YKpZQALCMJ0E2Nl0gFgfxA==
```

TLS Handshake Evidence

IPV4 Connection

IP Used	45.60.155.140
IP Version	4

```
4037A8FFF2740000:error:0A000458:SSL routines:ssl3_read_bytes:tlsv1 unrecognized name:../ssl/record/rec_layer_s3.c:1599:SSL alert number 112
CONNECTED(00000010)
---
no peer certificate available
---
No client certificate CA names sent
---
SSL handshake has read 7 bytes and written 319 bytes
Verification: OK
---
New, (NONE), Cipher is (NONE)
Secure Renegotiation IS NOT supported
Compression: NONE
Expansion: NONE
No ALPN negotiated
Early data was not sent
Verify return code: 0 (ok)
---
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	503
Connected IP	45.60.155.140
Connect Time	158.66 ms
TTFB	317.94 ms
Total Time	318.03 ms

Response Headers:

```
[
    "HTTP/1.1 503 Service Unavailable",
    "Content-Type: text/html",
    "Cache-Control: no-cache, no-store",
    "Connection: close",
    "Content-Length: 704",
    "X-Iinfo: 11-3777032-0 0NNN RT(1786183279319 0) q(0 -1 -1 -1) r(0 -1)"
]
```

IPv4 HTTPS (port 443)

HTTP Status	0
Connected IP	45.60.155.140
Connect Time	158.5 ms
TTFB	0 ms
Total Time	317.67 ms
Error	OpenSSL/3.0.13: error:0A000458:SSL routines::tlsv1 unrecognized name

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	503 0.158782 0.317906
TCP Connect IPv4 → port 443	000 0.158528 0.000000

Test Node Network Evidence

Node Profile	dual stack

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
fd7a:115c:a1e0::1136:5807 dev tailscale0 proto kernel metric 256 pref medium
fe80::/64 dev eth0 proto kernel metric 256 pref medium
fe80::/64 dev tailscale0 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
```