

IPv6 Readiness Report

bankrakyat.com.my — bankrakyat.com.my

Category: Banking • Generated: 21 Apr 2026, 18:01 MYT • Last Checked: 07 Mar 2026, 01:01 MYT • Verification ID: badda0ca-1e53-40cf-b214-3159f0d172d6

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

Audit trail: <https://ipv6.my6.my/audit/badda0ca-1e53-40cf-b214-3159f0d172d6>

X

Non-Compliant

MGv6C-1.0

18%

No IPv6 Support

IPv6-ONLY READINESS

Website: X **Not Ready**

DNS: X **Not Ready**

Email: X **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%)

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%) 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%) 1 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	45.60.155.140, 45.60.159.140
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	badda0ca-1e53-40cf-b214-3159f0d172d6
Domain	bankrakyat.com.my
Check Mode	Manual
Status	Completed
Started	07 Mar 2026, 01:00:09 MYT
Finished	07 Mar 2026, 01:01:20 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/badda0ca-1e53-40cf-b214-3159f0d172d6

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	1fe0726c288a0157e2a3ce0f4042dfe480aa4245b0a637080f4950b186b1fbd3
http_headers	4565b016a9a28a59a67c7117dea6754e63d628b2c9906befa76de2fd582d6933
dns_responses	c175f62282a40244e91bd46ae0da4b78ca64963fec38f8275098bcee6b9b4343
tls_handshake	9d961a264e5a17c8ada6dfa12833dd9c92def5c545b775d07b1999b938385809
connectivity_log	23fc609240bd270152adc0b13199b049d0c23380b41484874bb7730d9d6f88a
dns_resolution_times	8d31926369d73f398694e2ee4d831455c211cac271380afd091363780a63ea51

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	7.58	7.74	9.04	18.09	+1.5
Google	IPv4	32.76	46.15	30.01	31.16	-2.8
Google	IPv6	31.82	44.25	26.1	37.26	-5.7
Cloudflare	IPv4	11.68	16.97	18.97	19.04	+7.3
Cloudflare	IPv6	18.96	33.39	17.81	2038.91	-1.2

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 23408
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
bankrakkyat.com.my. 60 IN A 45.60.159.140
bankrakkyat.com.my. 60 IN A 45.60.155.140
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 42494
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
com.my. 1800 IN SOA b.nic.my. hostmaster.nic.my. 2026018479 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 34212
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
bankrakkyat.com.my. 26 IN MX 10 mx1.bankrakkyat.com.my.
bankrakkyat.com.my. 26 IN MX 20 mx2.bankrakkyat.com.my.
bankrakkyat.com.my. 26 IN MX 0 mx.bankrakkyat.com.my.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 6166
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
bankrakkyat.com.my. 3600 IN NS hpnt4.bankrakkyat.com.my.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 16054
;; flags: qr rd ra; QUERY: 1, ANSWER: 9, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
bankrakkyat.com.my. 2679 IN TXT "qhfldc0gk1d4mz1zkss92pq03rb8wf8g"
bankrakkyat.com.my. 2679 IN TXT "google-site-verification=shtLgWmZ5HrZHol95--947CqYF01H90o-84YZ_pCY5s"
bankrakkyat.com.my. 2679 IN TXT "globalsign-domain-verification=442AE5C04430BF18E93E3A6A169F9D39"
bankrakkyat.com.my. 2679 IN TXT "FV7uIXEhmkDoGZgJ8r6xuBSkgcNRDmkC9RgApf2Za2E2JDDMJiRMrg1v7mfefb2bwguZ1uIHkbl4dglzeT3bMA=="
bankrakkyat.com.my. 2679 IN TXT "_ietdkg9nc5qt7mkqy6p87x0sn33gfp4"
bankrakkyat.com.my. 2679 IN TXT "globalsign-domain-verification=162a2a62301ce4ea1829c6a33062cd57"
bankrakkyat.com.my. 2679 IN TXT "jk54b2t4z1tw3sr6xxwdb9p6wclsf7ft"
bankrakkyat.com.my. 2679 IN TXT "v=spf1 ip4:1.9.61.235 ip4:1.9.61.236 ip4:1.9.61.165 ip4:168.63.237.150 ip4:207.46.227.230 ip4:168.63.248.182 include=email-messaging.com-all"
bankrakkyat.com.my. 2679 IN TXT "google-site-verification=xGp-DJguir1j4D4dfc0gyIezmhm00L-X8sp6Ppd0HTU"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 64847
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
```

```
bankrakyat.com.my. 900 IN SOA hpnt4.bankrakyat.com.my. admin.bankrakyat.com.my. 2017102097 10800 3600 2419200 900
```

RRSIG

```
hpnt4.bankrakyat.com.my. admin.bankrakyat.com.my. 2017102097 10800 3600 2419200 900
```

DNSKEY

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 16926
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
bankrakyat.com.my. 873 IN SOA hpnt4.bankrakyat.com.my. admin.bankrakyat.com.my. 2017102097 10800 3600 2419200 900
```

DNSSEC_VALIDATION

```
; unsigned answer
bankrakyat.com.my. 3600 IN SOA hpnt4.bankrakyat.com.my. admin.bankrakyat.com.my. 2017102097 10800 3600 2419200 900
```

TLS Handshake Evidence

IPv4 Connection

IP Used	45.60.155.140
IP Version	4

```
4007F9047D740000: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	160.5 ms
TTFB	320.33 ms
Total Time	320.45 ms

Response Headers:

```
[
  "HTTP/1.1 503 Service Unavailable",
  "Content-Type: text/html",
  "Cache-Control: no-cache, no-store",
  "Connection: close",
  "Content-Length: 706",
  "X-Info: 6-59314600-0 0NNN RT(1772787679233 0) q(0 -1 -1 -1) r(0 -1)"
]
```

IPv4 HTTPS (port 443)

HTTP Status	0
Connected IP	45.60.155.140
Connect Time	159.43 ms
TTFB	0 ms
Total Time	320.18 ms
Error	OpenSSL/3.0.13: error:0A000458:SSL routines::tlsv1 unrecognized name

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	503 0.159775 0.319707
TCP Connect IPv4 → port 443	000 0.159867 0.000000

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
```