

IPv6 Readiness Report

bankrakyat.com.my — bankrakyat.com.my



Scan to verify

Category: Banking • Generated: 04 Jul 2026, 22:40 MYT • Last Checked: 04 Jul 2026, 03:04 MYT • Verification ID: 85014fff-47f5-42cd-8191-f672d2821893

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

Audit trail: <https://ipv6.my6.my/audit/85014fff-47f5-42cd-8191-f672d2821893>

<p>X</p> <p>Non-Compliant</p> <p>MGv6C-1.0</p>	<p>23%</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
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%) 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	85014fff-47f5-42cd-8191-f672d2821893
Domain	bankrakyat.com.my
Check Mode	Scheduled
Status	Completed
Started	04 Jul 2026, 03:03:06 MYT
Finished	04 Jul 2026, 03:04:28 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/85014fff-47f5-42cd-8191-f672d2821893

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	21491d20370435579a724a2a5693fb4b1639f17249704965b8cac797f4fad40f
http_headers	5bb46fdb0eb6042db1861e6f2cd5d35754108cadba78aa4081cd69949e31b6c3
dns_responses	978265583cf92d34881140d2520312c96d3310b3dcf1640bf8d349780249052d
tls_handshake	e4300f7886d269814de6426435d6b89f187c9cf026757479962be6adc79ef1d1
connectivity_log	e197347482e3f19040478c912abb873cbd6391764fa6a83a53b1b8280f819d51
dns_resolution_times	81895dce83ef69648f5414ace588b3442715baac14f3574630ca655388b461b2

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	17.42	25.8	26.03	36.98	+8.6
Google	IPv4	41.37	54.88	33.05	33.64	-8.3
Google	IPv6	49.31	51.61	38.83	62.09	-10.5
Cloudflare	IPv4	30.22	33.59	30.04	35.09	-0.2
Cloudflare	IPv6	33.99	75.02	45.08	50.24	+11.1

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 48323
;; 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 45.60.159.140
bankrakyat.com.my. 60 IN A 45.60.155.140
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 23858
;; 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. 86378 IN DS 9981 13 2 45AC067C6B742B35B67201788E83D181C98780C64287DA8C38F3A507 47F2B928
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 64894
;; 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: 50314
;; 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. 3600 IN NS ns3.bankrakyat.com.my.
bankrakyat.com.my. 3600 IN NS hpnt4.bankrakyat.com.my.
bankrakyat.com.my. 3600 IN NS ns2.bankrakyat.com.my.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 47356
;; 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. 3600 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. 3600 IN TXT "FV7uIXEhnkDoGZgJ8r6xuBSkgcNRDmkC9RgApf2Za2E2JDDMJiRMrg1v7mfefb2bwguZ1uIHkbl4dLzeT3bMA=="
bankrakyat.com.my. 3600 IN TXT "global-sign-domain-verification=162a2a62301ce4ea1829c6a33062cd57"
bankrakyat.com.my. 3600 IN TXT "jk54b2t4zltw3sr6xxwdb9p6wclsftft"
bankrakyat.com.my. 3600 IN TXT "google-site-verification=xGp-DJguir1j4D4dfcQgyIezmhm00L-X8sp6Ppd0HTU"
bankrakyat.com.my. 3600 IN TXT "global-sign-domain-verification=442AE5C04430BF18E93EA6A169F9D39"
bankrakyat.com.my. 3600 IN TXT "qhldc0gk1d4mz1zkss92pq03rb8wf8g"
bankrakyat.com.my. 3600 IN TXT "google-site-verification=shtLgWmZ5HrZHoL95--947CqYf01H90o-84YZ_pCY5s"
bankrakyat.com.my. 3600 IN TXT "_ietdkg9nc5qt7mkqy6p87x0sn33gfp4"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 38951
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

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

```
;; AUTHORITY SECTION:
bankrakkyat.com.my. 900 IN SOA hpnt4.bankrakkyat.com.my. admin.bankrakkyat.com.my. 2026062902 10800 3600 2419200 900
```

RRSIG

```
hpnt4.bankrakkyat.com.my. admin.bankrakkyat.com.my. 2026062902 10800 3600 2419200 900
SOA 13 3 3600 20260706031105 20260629021105 13131 bankrakkyat.com.my. L9djq0k0Fgds4zSLGRMpMxt2LC5xV7+k4S0tLmfH4u00Luu0Ws4vk0FL 4peh88vsm38EWD9FZ5FbXu0YgYwrzA==
SOA 13 3 3600 20260708080711 20260701070711 22313 bankrakkyat.com.my. UfAlxelzw0keaqFQp3EL0P4E72u/X2m5by7GEnrLZF19o9rUSTypAuN7 0LhsPE1X34RQEIKnkfmr4Tji9kJAww==
```

DNSKEY

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 20069
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
bankrakkyat.com.my. 3579 IN DNSKEY 256 3 13 5okeNiDvcLSx3HJ1lp8hWL05IKPxGYQKXVy8RVqjQe5xVzXkrsPpj4N0 Mrk8+RKaoUBqgl0wRjy2ZSPEetB1A0==
bankrakkyat.com.my. 3579 IN DNSKEY 256 3 13 K+LqTzXQVPNnEewaX0h+ke+0InsL/UqmKgZd3q4tVZX7Qk2hL0V3sCIy nR5zHSuoPoBaycl380ztbj9U4Gng00==
bankrakkyat.com.my. 3579 IN DNSKEY 257 3 13 KUR9WpXnQLDZZdk5c9sVHiEY0alb4Ttd70hAD9/3yR/J4+lyZCLaKEJD K6dj+GMYNvLwm0x0slrBKp5bz4DuTw==
```

DNSSEC_VALIDATION

```
; fully validated
bankrakkyat.com.my. 3579 IN SOA hpnt4.bankrakkyat.com.my. admin.bankrakkyat.com.my. 2026062902 10800 3600 2419200 900
bankrakkyat.com.my. 3579 IN RRSIG SOA 13 3 3600 20260706031105 20260629021105 13131 bankrakkyat.com.my. L9djq0k0Fgds4zSLGRMpMxt2LC5xV7+k4S0tLmfH4u00Luu0Ws4vk0FL 4peh88vsm38EWD9FZ5FbXu0YgYwrzA==
bankrakkyat.com.my. 3579 IN RRSIG SOA 13 3 3600 20260708080711 20260701070711 22313 bankrakkyat.com.my. UfAlxelzw0keaqFQp3EL0P4E72u/X2m5by7GEnrLZF19o9rUSTypAuN7 0LhsPE1X34RQEIKnkfmr4Tji9kJAww==
```

TLS Handshake Evidence

IPv4 Connection

IP Used	45.60.155.140
IP Version	4

```
4027CF4033700000: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	158.43 ms
TTFB	317.36 ms
Total Time	317.41 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-Info: 40-9534654-0 0NNN RT(1783105467820 0) q(0 -1 -1 -1) r(0 -1)"
]
```

IPv4 HTTPS (port 443)

HTTP Status	0
Connected IP	45.60.155.140
Connect Time	158.36 ms
TTFB	0 ms
Total Time	318.09 ms
Error	OpenSSL/3.0.13: error:0A000458:SSL routines::tlsv1 unrecognized name

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	503 0.158670 0.316396
TCP Connect IPv4 → port 443	000 0.158295 0.000000

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
```