

IPv6 Readiness Report

agrobank.com.my — agrobank.com.my



Scan to verify

Category: Banking • Generated: 04 Jul 2026, 22:18 MYT • Last Checked: 04 Jul 2026, 03:03 MYT • Verification ID: 53a00cc4-2e0a-4983-8711-bf1ae0230400

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

Audit trail: <https://ipv6.my6.my/audit/53a00cc4-2e0a-4983-8711-bf1ae0230400>

<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
210.19.24.230

Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	TT DOTCOM SDN BHD
Country	MY
ASN	AS9930
ASN Name	TTNET-MY - TIME dotCom Berhad No. 14, Jalan Majistret U1/26 Hicom Glenmarie Industrial Park 40150 Shah Alam Selangor, Malaysia, MY
Network (CIDR)	210.19.0.0/16

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	PASS	DS record found at parent zone.	
7	RRSIG Valid	PASS	RRSIG signatures are current and valid.	

#	CHECK	RESULT	DETAIL
8	Signing Algorithm	INFO	UNKNOWN(5)

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	DKIM selector found: selector1_domainkey
7	DMARC Record	PASS	DMARC record found.

IPv4 Baseline (15%) 2 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	210.19.24.230
2	HTTP over IPv4	FAIL	HTTP is not accessible over IPv4.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 49ms TTFB.

Audit Trail & Evidence Record

Verification ID	53a00cc4-2e0a-4983-8711-bf1ae0230400
Domain	agrobank.com.my
Check Mode	Scheduled
Status	Completed
Started	04 Jul 2026, 03:03:10 MYT
Finished	04 Jul 2026, 03:03:48 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/53a00cc4-2e0a-4983-8711-bf1ae0230400

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	7f92545633067cc3f669b95829539d18aad6d6e79915be51aa9b8163fba36f24
http_headers	948bf50f4d07b5b8d98b1d067ee5e1bd95cd910aa6568a2155c22d56b69d5c7c
dns_responses	26cc50cb77d2bf82ad42b7bb7d5b4d31e30f72f39aced5ddca6ec83cdbab7e43
tls_handshake	3ed12c5e8b329bf55af50676e4ce4484ed8b83606dbb4b411377f042f4ad33fb
connectivity_log	17eed9f8bd56641f1deb808284ac9bd9ba53bb861a55697c5ef5f8bce0585d21
dns_resolution_times	a08ba5192b9a713262d87bc85ceb9a11825b3440f626b27ac3c01ad26a8dc349

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	-
Server Ipv6	-

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	32.76	37.21	39.71	44.21	+7
Google	IPv4	76.73	81.51	94.41	119.46	+17.7
Google	IPv6	103.28	136.64	95.23	123.06	-8.1
Cloudflare	IPv4	69.01	72.07	64.29	66.19	-4.7
Cloudflare	IPv6	53.01	103.46	57.11	94.66	+4.1

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 45592
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
agrobank.com.my. 0890 IN SOA gm.agrobank.com.my. halim.agrobank.com.my. 71115 10800 1080 2592000 900
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 34232
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
agrobank.com.my. 086390 IN DS 8881 5 2 B1176DB321611A25C466312DB9B5D31BA5E48AAB17FD21EF9360F46 8B3FE982
agrobank.com.my. 086390 IN DS 59371 5 1 0413C37535ABD4F1EF47D9B20780FF1F209FD46B
agrobank.com.my. 086390 IN DS 59371 5 2 5B9F067159490584378995F5DD75755701E7DB812DA6CA953CC54C2A A62E7677
agrobank.com.my. 086390 IN DS 8881 5 1 FC320C23DFD016E8BE8BD62236AE22694A7B87F8B
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 1370
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
agrobank.com.my. 14400 IN MX 20 mx1.agrobank.com.my.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 23115
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
agrobank.com.my. 14400 IN NS dns01.agrobank.com.my.
agrobank.com.my. 14400 IN NS dns02.agrobank.com.my.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 42611
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 10, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
agrobank.com.my. 3600 IN TXT "VISA=9F46499BFEF2F892D42BE42F0F2B189E"
agrobank.com.my. 3600 IN TXT "x CZFqlPe/LAu9su+33FKZiQf6Ciin3Dr0T2BmNsVzGJH52Y40JzPW67EdlgpahZ7CjiITxIH6BMehgW7kGvDYQ=="
agrobank.com.my. 3600 IN TXT "_globalsign-domain-verification=YTyKiPnCFrsKXfSE-ykn2cDH6X70dfd-aCQsJ9ZJ5q"
agrobank.com.my. 3600 IN TXT "VISA=E6AF803D7938DBAE8058CBDF48AB656E"
agrobank.com.my. 3600 IN TXT "_globalsign-domain-verification=ByMK5FwtXbcuv5VKzSNV347HZnQlmcQLZ31qwLP50e"
agrobank.com.my. 3600 IN TXT "VISA=098A569E83A0819618DF61DBCC4D425A"
agrobank.com.my. 3600 IN TXT "MS=ms90360008"
agrobank.com.my. 3600 IN TXT "MS=1C4EAC76B1D6F16D0861AD96D04E150BB072280E"
agrobank.com.my. 3600 IN TXT "v=spf1 mx a:mail.agrobank.com.my a:mailhybrid.agrobank.com.my ip4:203.106.228.2 ip4:203.106.228.3 ip4:211.25.57.103 ip4:211.25.57.100 include:spf.protection.outlook.com -all"
agrobank.com.my. 3600 IN TXT "globalsign-domain-verification=beGhcWdVih2fAEwRjPKSZPdyJHzhEoxh1zN-UlsFi"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 39101
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
```

```
;; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
agrobank.com.my. 890 IN SOA gm.agrobank.com.my. halim.agrobank.com.my. 71115 10800 1080 2592000 900
```

RRSIG

```
gm.agrobank.com.my. halim.agrobank.com.my. 71115 10800 1080 2592000 900
SOA 5 3 14400 20260707204602 20260703194602 11163 agrobank.com.my. kllBK4xBiAF1vTf4WY6TXsxaLSrjAXfgZ+EKF6GfKFA+FA6IA030UPcT
2jXYkCIgZyb9/Ue+FpeTFI5Gcx4BgRiZH8HPjWf190kojhi7ocQiu2b B8Db888UEmykRUTvqbF73fF0Fsus8XaDmolyb/pJP5B8jqiRwQrKGrI DDU=
```

DNSKEY

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 23077
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
agrobank.com.my. 86390 IN DNSKEY 257 3 5 AwEAAbYhxrDSKi0u5pR8nAurbfr6yRye2WIw/oPZZjRec502HmcUo8DC 4XzchKUtvgfBH1G0VmQockJQT/20TImVvN01U8nZLZ7AM+RmRwGra+ia
9X0C10o5xEKAmihadqUZTBgKRvQrtNEviCjpaTAVKI6afRpKzG0J3iwm HHYXP72qhFvSXfcdKz/FdiKqgfCyRTgXw4ajLIuhDn+SAu+A4FQf+nVw
6IvJwyzLAvKFeGDuFxo55hQp0JzYb73JJtnk4tUV+c8TL9aIQCV9DCyk L01rJKwC2GXBwPTRJNMWuTNXPPo81TzxhiyACCNpSs9swasTRfPtPrv tX/4E2MJ078=
agrobank.com.my. 86390 IN DNSKEY 256 3 5 AwEAAc9Z1IsP++JKTdEjFda3SxcueVrWEzupzaJnU3Hu+7MiQRvYsUw0 EQFeKuKECMC2eh8bzYN1MhKM5piLR8T5ZnA5N0T6U1eFImwQNiikE45
us6Atn9SX0EEdy2Rj10BibJhHe3Cwx0bu0wYu0xhEjbs51xP3aT3ViK/ S7lk20YB
```

DNSSEC_VALIDATION

```
;; validating agrobank.com.my/SOA: verify failed due to bad signature (keyid=11163): RRSIG validity period has not begun
;; validating agrobank.com.my/SOA: no valid signature found
;; RRSIG validity period has not begun resolving 'agrobank.com.my/SOA/IN': 127.0.0.1#5335
;; resolution failed: RRSIG validity period has not begun
```



```
b20vcmVwb3NpdG9yeS8wDQYJKoZIhvcNAQELBQADggEBAJmQyC1fQorUC2bbmANz
EdSIhLIoU4r7rd/9c446ZwTbw1MUcBQJfMPg+NccmBqixD7b6QDjynCy8SIwIVbb
0615XoFYC20UgDX1b10d65pHBf9ZjQCxQNqQmJYaumxtf4z1s4dfjGRzNpZ5eWl0
6r/4ngGPoJVpjemEuunl1Iig423g7mNA2eymw0LIYkN5S0wCuaiFJ6GLazhgDEw
fpoLu4usBC0mmQDo8dIm7A9+04orkjgTHY+GzYZSR+Y0fFukAj6KYXwidlNaLFMz
hriSqHkvoFlShx8xpfywgVcvzfT03PYkz6fiNJBonf6q8amaEsybwMbdqKwIX7e
SPY=
-----END CERTIFICATE-----
---
Server certificate
subject=C = MY, ST = Kuala Lumpur, L = Kuala Lumpur, O = Bank Pertanian Malaysia Berhad, CN = *.agrobank.com.my
issuer=C = BE, O = GlobalSign nv-sa, CN = GlobalSign RSA OV SSL CA 2018
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: RSA
Server Temp Key: ECDH, prime256v1, 256 bits
---
SSL handshake has read 3340 bytes and written 443 bytes
Verification: OK
---
New, TLSv1.2, Cipher is ECDHE-RSA-AES128-GCM-SHA256
Server public key is 2048 bit
Secure Renegotiation IS supported
Compression: NONE
Expansion: NONE
No ALPN negotiated
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	0
Connected IP	
Connect Time	0 ms
TTFB	0 ms
Total Time	8002.42 ms
Error	Failed to connect to agrobank.com.my port 80 after 8002 ms: Timeout was reached

IPv4 HTTPS (port 443)

HTTP Status	405
Connected IP	210.19.24.230
Connect Time	6.83 ms
TTFB	42.63 ms
Total Time	42.72 ms

Response Headers:

```
[
  "HTTP/1.1 405 Method Not Allowed",
  "Date: Fri, 03 Jul 2026 19:03:31 GMT",
  "Strict-Transport-Security: max-age=31536000; includeSubDomains; preload",
  "Connection: close",
  "BLAH: is NOT blah",
  "Cross-Origin-Resource-Policy: same-origin",
  "Referrer-Policy: no-referrer-when-downgrade",
  "Strict-Transport-Security: max-age=31536000; includeSubDomains; preload",
  "X-Content-Type-Options: nosniff",
  "X-Frame-Options: SAMEORIGIN",
  "Clear-Site-Data: cache, cookies, storage",
  "Allow:",
  "Content-Type: text/html; charset=iso-8859-1",
  "X-XSS-Protection: 1; mode=block",
  "Cross-Origin-Opener-Policy: same-origin",
  "Cross-Origin-Embedder-Policy: require-corp",
  "X-Permitted-Cross-Domain-Policies: none",
  "Set-Cookie: TS01e52f91=01b6011fe2fb054e7bafdf22b42fc4381634dc719f16e8c72c2e2597c7ae5e1608b95df912aed243208668b0f9a2fbc62e2be80592; Path=/; Domain=.agrobank.com.my",
  "Transfer-Encoding: chunked"
]
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	000 0.000000 0.000000
TCP Connect IPv4 → port 443	200 0.006501 2.641020

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
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
```