

IPv6 Readiness Report

agrobank.com.my — agrobank.com.my

Category: Banking • Generated: 21 Apr 2026, 18:01 MYT • Last Checked: 07 Mar 2026, 01:30 MYT • Verification ID: 074bc2f5-9621-4e31-989c-1c1f5215a95d

Report generated from National IPv6 Readiness Monitor — <https://ipv6.my6.my>Audit trail: <https://ipv6.my6.my/audit/074bc2f5-9621-4e31-989c-1c1f5215a95d>**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**

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 U126 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	FAIL	No valid RRSIG found.
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	No common DKIM selector found.
7	DMARC Record	PASS	DMARC record found.

IPv4 Baseline (15%) 1 / 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	FAIL	HTTPS is not accessible over IPv4.

Audit Trail & Evidence Record

Verification ID	074bc2f5-9621-4e31-989c-1c1f5215a95d
Domain	agrobank.com.my
Check Mode	Manual
Status	Completed
Started	07 Mar 2026, 01:27:24 MYT
Finished	07 Mar 2026, 01:30:39 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/074bc2f5-9621-4e31-989c-1c1f5215a95d

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	b8cb5643f03ea7bd8aef80e92bb57e94fc0af0ea5a05e8433a6a9b7297b42359
http_headers	0fada9ad94e447d94629e07ea708e94ed37452c5d476b9d229e93bf0ca44d8b6
dns_responses	bf42670bb74b903be6b80f5ee97e3ec5208a6031bc7156b271479af79cae2238
tls_handshake	6197bf59734018a34daa78dd019320eff0e0c06a35df6298537a371f894172d
connectivity_log	c571529628ae93d3d5180dec20e307692d772428bf4569b1feeb29b40bc18e78
dns_resolution_times	ce1080de7458f1af07c3c434a7ac6e3e8c20909a687c4174aad48c17ae3014eb

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	20.09	20.91	17.39	18.55	-2.7
Google	IPv4	30.81	31.93	28.98	44.8	-1.8
Google	IPv6	29.74	37.41	39.08	40.58	+9.3
Cloudflare	IPv4	17.26	18.77	8.66	11.35	-8.6
Cloudflare	IPv6	9.99	25.15	37.53	37.82	+27.5

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: SERVFAIL, id: 18053
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
; EDE: 8 (Signature Not Yet Valid): (RRSIG found not yet valid for agrobank.com.my/soa (keytag=25617))
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 4281
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
agrobank.com.my. 19969 IN DS 59371 5 1 0413C37535ABD4F1EF47D9B20780FF1F209FD46B
agrobank.com.my. 19969 IN DS 8881 5 1 FC320C23DFD016E8BEBD62236AE22694A7B87F8B
agrobank.com.my. 19969 IN DS 8881 5 2 B1176DB321611A25C466312DB9B5D31BA5E48AAB17FD21EF9360F46 8B3FE982
agrobank.com.my. 19969 IN DS 59371 5 2 5B9F067159490584378995F5DD75755701E7DB812DA6CA953CC54C2A A62E7677
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 21014
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
agrobank.com.my. 3870 IN MX 20 mx1.agrobank.com.my.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 54653
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
agrobank.com.my. 5308 IN NS dns02.agrobank.com.my.
agrobank.com.my. 5308 IN NS dns01.agrobank.com.my.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 21265
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 9, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
agrobank.com.my. 2506 IN TXT "MS=1C4EAC76B1D6F16D0861AD96D04E150BB072280E"
agrobank.com.my. 2506 IN TXT "xZfqlpE/LAu9su+33FKZiQf6C.in3DrOT2BmNsVzGJH52Y40JzPW67EdLgpahZ7CjIITxIH6BMehgW7kGvDYQ=="
agrobank.com.my. 2506 IN TXT "VISA=E6AF803D7938DBAE8058C8BDF48AB656E"
agrobank.com.my. 2506 IN TXT "_globalsign-domain-verification=ByMK5FwtxbcuV5VKzSNV347HZnQlmcQLZ31qwLP50e"
agrobank.com.my. 2506 IN TXT "VISA=9F46499BFEF2F892D42BE42F0F2B189E"
agrobank.com.my. 2506 IN TXT "_globalsign-domain-verification=YTyKiPnCFrSKXFSE-ykn2cDH6X70dfD-acQsJ9ZJ5q"
agrobank.com.my. 2506 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 include:spf.protection.outlook.com -all"
agrobank.com.my. 2506 IN TXT "MS=ms90360008"
agrobank.com.my. 2506 IN TXT "VISA=098A569E83A0819618DF61DBCC4D425A"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: SERVFAIL, id: 62770
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
; EDE: 8 (Signature Not Yet Valid): (RRSIG found not yet valid for agrobank.com.my/soa (keytag=25617))
```

RRSIG

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 38454
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
agrobank.com.my. 19951 IN DNSKEY 256 3 5 AwEAAbHqxyqeNwSRcz/Fo6WJ3P55d0Vc/PS0duCYSCBwpEV9V0y03Eb CcZb6yyWyEVIIBF6Y1tPiCuCRmgMcu/NRN4ZUPC0pqrDn7uZ2cJdIw7i
MwXlv/Epfd/TsqUrb4/iMliThrEw7eb+ZwjEtnXWEab4swZemhSKVJ1 UJK253RX
agrobank.com.my. 19951 IN DNSKEY 257 3 5 AwEAAbYhxrDSK10u5pR8nAurbf6yRye2WIw/oPZZjRec502HmcUo8DC 4XzcHkUtvfBH1G0VmQockJQT/20TImYvN01U8nZLZ7AM+RmRwGra+ia
9X0C10o5xEKAmihadqUzTBgKRvQrtNEviCJpaTAVKI6afRpkZG0J3iwm HHYXP72qhFvSXfcdKz/FdiKqgfCyRTgXw4ajLIuhDn+SAu+A4FQf+nVw
6IvJwyZLAvKfEGDuFxo55hQp0JzYb73JJtnk4tUV+c8TL9aIQCV9DCyk L01rJKwC2GXBXwPTrJNwNuTNXPPo81TzxhiyACCNpSs9swasTRfPtPrv tX/4E2MJ078=
```

DNSSEC_VALIDATION

```
;; resolution failed: failure
```

TLS Handshake Evidence

IPv4 Connection

IP Used	210.19.24.230
IP Version	4

```
40B70F3B1C7F0000:error:8000006E:system library: BIO_connect: Connection timed out:../crypto/bio/bio_sock2.c:114:calling connect()
40B70F3B1C7F0000:error:10000067: BIO routines: BIO_connect: connect error:../crypto/bio/bio_sock2.c:116:
connect:errno=110
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	0
Connected IP	
Connect Time	0 ms
TTFB	0 ms
Total Time	8002.08 ms
Error	Failed to connect to agrobank.com.my port 80 after 8002 ms: Timeout was reached

IPv4 HTTPS (port 443)

HTTP Status	0
Connected IP	
Connect Time	0 ms
TTFB	0 ms
Total Time	8002.49 ms
Error	Failed to connect to agrobank.com.my port 443 after 8002 ms: Timeout was reached

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	000 0.000000 0.000000
TCP Connect IPv4 → port 443	000 0.000000 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
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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
76.13.221.0/24 dev eth0 proto kernel scope link src 76.13.221.142
```