

# IPv6 Readiness Report

shopee.com.my — shopee.com.my



Scan to verify

Category: E-commerce • Generated: 04 Jul 2026, 22:33 MYT • Last Checked: 04 Jul 2026, 03:42 MYT • Verification ID: c47d44b1-01b1-467e-ba04-cb7fa72889bf

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

Audit trail: <https://ipv6.my6.my/audit/c47d44b1-01b1-467e-ba04-cb7fa72889bf>

<p><b>X</b></p> <p><b>Non-Compliant</b></p> <p>MGv6C-1.0</p>	<p><b>47%</b></p> <p><b>No IPv6 Support</b></p>	<p><b>IPv6-ONLY READINESS</b></p> <p>Website: <b>X Not Ready</b></p> <p>DNS: <b>✓ Ready</b></p> <p>Email: <b>X Not Ready</b></p>
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<p><b>IPv4 ADDRESSES</b></p> <p>134.65.77.134</p>
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## Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	SHOPEE SINGAPORE PRIVATE LIMITED
Country	SG
ASN	AS138341
ASN Name	SHOPEE-AS - SHOPEE SINGAPORE PRIVATE LIMITED, SG
Network (CIDR)	134.65.64.0/19

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%)				3 / 5
#	CHECK	RESULT	DETAIL	
1	NS Has AAAA Record	PASS	Nameserver has IPv6 address.	
2	NS Reachable via IPv6	PASS	Nameserver is reachable via IPv6 on port 53.	
3	NS Answers Queries via IPv6	PASS	DNS queries answered 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.	

#	CHECK	RESULT	DETAIL
8	<b>Signing Algorithm</b>	<b>INFO</b>	No DNSKEY record found.

**Email Services** (25%) 4 / 6

#	CHECK	RESULT	DETAIL
1	<b>MX Record Exists</b>	<b>PASS</b>	MX record found.
2	<b>MX Server Has IPv6</b>	<b>PASS</b>	MX server has AAAA record.
3	<b>SMTP Reachable via IPv6</b>	<b>FAIL</b>	SMTP is not reachable over IPv6.
4	<b>STARTTLS over IPv6</b>	<b>FAIL</b>	STARTTLS not available over IPv6.
5	<b>SPF Record</b>	<b>PASS</b>	SPF record found.
6	<b>DKIM Selector</b>	<b>INFO</b>	DKIM selector found: k1_domainkey
7	<b>DMARC Record</b>	<b>PASS</b>	DMARC record found.

**IPv4 Baseline** (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	<b>A Record</b>	<b>PASS</b>	134.65.77.134
2	<b>HTTP over IPv4</b>	<b>PASS</b>	HTTP (port 80) responds over IPv4 — 64ms TTFB.
3	<b>HTTPS over IPv4</b>	<b>PASS</b>	HTTPS (port 443) responds over IPv4 — 42ms TTFB.

### Audit Trail & Evidence Record

Verification ID	c47d44b1-01b1-467e-ba04-cb7fa72889bf
Domain	shopee.com.my
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:41:55 MYT
Finished	04 Jul 2026, 03:42:28 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/c47d44b1-01b1-467e-ba04-cb7fa72889bf

### Integrity Verification

<b>✓ INTEGRITY VERIFIED</b>	
Algorithm	hmac-sha256-v1
Root Hash	0122818e181cfc35098da42eb980a316f4ad94dbf52d4a34948ad79e909c649b
http_headers	49d26b233bcc3a8159f53a1c70f7377443f403b6281d0506cb657d3c05496a22
dns_responses	6cac251a92c965a7e605aa7c299d0ea81294e6123834803fc1a0c13b175ab956
tls_handshake	56cad6209fdf772aa76ef5e9e70e98ef1e797f21a206122743f3a3c63de46d00
connectivity_log	9c46f99f0c1a4962bf348dadb16098a261fb165190d5fef3c885735efe7694a4
dns_resolution_times	40a8efc3d80442b1c2398acf1acb13c714904f614f1e7776372aa9f29b2f766b

### 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	10.99	11.26	21.57	22.63	+10.6
Google	IPv4	22.48	23.11	20.98	21.8	-1.5
Google	IPv6	22.13	28.34	22.28	25.86	+0.2
Cloudflare	IPv4	9.59	19.19	21.53	22.32	+11.9
Cloudflare	IPv6	11.64	28.67	21.47	27.29	+9.8



## DNS Evidence

### A

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 51547
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
shopee.com.my. 60 IN A 134.65.77.134
```

### DS

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 44314
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 2780 IN SOA e.nic.my. hostmaster.nic.my. 2026052755 1800 900 604800 3600
```

### MX

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 54678
;; flags: qr rd ra; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
shopee.com.my. 900 IN MX 1 aspmx.l.google.com.
shopee.com.my. 900 IN MX 10 alt3.aspmx.l.google.com.
shopee.com.my. 900 IN MX 10 alt4.aspmx.l.google.com.
shopee.com.my. 900 IN MX 5 alt1.aspmx.l.google.com.
shopee.com.my. 900 IN MX 5 alt2.aspmx.l.google.com.
```

### NS

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 9189
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
shopee.com.my. 900 IN NS ns-1121.awsdns-12.org.
shopee.com.my. 900 IN NS ns-1839.awsdns-37.co.uk.
shopee.com.my. 900 IN NS ns-248.awsdns-31.com.
shopee.com.my. 900 IN NS ns-992.awsdns-60.net.
```

### TXT

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 48642
;; flags: qr rd ra; QUERY: 1, ANSWER: 8, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
shopee.com.my. 900 IN TXT "pinterest-site-verification=a02eb348c4daf7be589a55bcf2cde616"
shopee.com.my. 900 IN TXT "pplsfszqt6t9fwszbpq068zntx78z7ph7"
shopee.com.my. 900 IN TXT "v=spf1 include:mail.zendesk.com include:_spf.salesforce.com include:_spf.google.com ~all"
shopee.com.my. 900 IN TXT "4vld5lb1xgcbpq82p0h7x7f8vb191xfr"
shopee.com.my. 900 IN TXT "facebook-domain-verification=h12xb3ckh13x293zfbxsjfujs0yz77"
shopee.com.my. 900 IN TXT "google-site-verification=Vn8G8gh9XTXI5FI5NuyGseP5nGYIob4uc-KmqTmVIDc"
shopee.com.my. 900 IN TXT "google-site-verification=khf3NBLLSrP60SIhRMuDhdIafX3DszdU-k13MxmE-0o"
shopee.com.my. 900 IN TXT "google-site-verification=uaad0wX-WWduHEcX_aIWZKPDsGWDDaKjNFNS1xewd48"
```

### AAAA

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 24340
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
```

```
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
shopee.com.my. 868 IN SOA ns-1839.awsdns-37.co.uk. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400
```

**RRSIG**

```
ns-1839.awsdns-37.co.uk. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400
```

**DNSKEY**

```
;; Got answer:
;; ->HEADER<- opcode: QUERY, status: NOERROR, id: 17428
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
shopee.com.my. 868 IN SOA ns-1839.awsdns-37.co.uk. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400
```

**DNSSEC\_VALIDATION**

```
; unsigned answer
shopee.com.my. 868 IN SOA ns-1839.awsdns-37.co.uk. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400
```





```

IAQaMBgwCAYGZ4EMAQIBMAwGCisGAQ0B0DIKAQMwDQYJKoZIhvcNAQELBQADggIB
AB/uvBuZf4CiuSahwiXn4geF52roAH+6jxsEPTXTfb7bbeMDXsYgRRs0TNA70ruZ
Tnz5DFfMuBhNoFhIFb0qR1izdy6VkdK0qFPNF2d0F1IEcnY9l2ory9mrzHqVbrL4
vzUd17FLUvyjTVU7PAv4nxyhn01GT83YlrdRF31NyR6bvZVTEERHmpbwSgeveJ
LRtaMzLgwiLZ8IwkH7o6GH3jp/KPtdW4Npu8w64HrRzdN2pgQhi7+YKwfHM7H+2U
dM1BGN0sj0MMvbMSB9MtCsLeS2Mb7TRZEb0HxECJLLiLuQppZr7PoL3+hAqrrhyKI
k+6y+Da0NeDuWxh59Ku4NvClqW1UFX1SpfNGhzVfp/CH+vPM1tySomx2jE0EnYZu
GwVucXPBsp5nUWqUV9+143glVuS7GTg9hFPjNBInn17HbCoIIQIOzj5Vd9bK3A9U
GxXNpwenDHEalCsD/4eQYDHPHFE7sNe0D/OXu+FAM02VZkARx37Jp4bDdujvgL9P
vZPR3wThvDN1CTU8Bc3xea3yKFAraKcPZLkhrReQUAm2VpR+HSJRPLUpYizlF9WKL
h3KcAVCBjWvn0kVwxyU5QJMcwW95Jl0tx+9100GL99jHE5rs3gXp7F4bg8H01QT
9jV0hBBmQ7n0oXuwI0tqal2QUqZ3eeu62CU7xBwtfYR
-----END CERTIFICATE-----
2 s:OU = GlobalSign Root CA - R6, 0 = GlobalSign, CN = GlobalSign
i:C = BE, 0 = GlobalSign nv-sa, OU = Root CA, CN = GlobalSign Root CA
a:PKKEY: rsaEncryption, 4096 (bit); sigalg: RSA-SHA384
v:NotBefore: Jun 19 00:00:00 2019 GMT; NotAfter: Jan 28 12:00:00 2028 GMT
-----BEGIN CERTIFICATE-----
MIIFUTCCBDMgAwIBAgIQdR4/VknnTLv2nQAmtnyqjDANBqkqhkiG9w0BAQwFADBx
MQswCQYDVQQGEwJCRCRTEZMBCGA1UEChMOR2xvYmFsU2lnbiBudilzYTEQMA4GA1UE
CxMHUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnbiBSb290IENBMBA4XDE5MDYx
OTAwMDAwMFOXTI4MDEyODEyMDAwMFOwTDEgMB4GA1UECXMxR2xvYmFsU2lnbiBS
b290IENBIC0gUjYxZARBgNVBAoTCkdsb2JhbFNPZ24xZzEzARBgNVBAMTCkdsb2Jh
bFNPZ24wggIiMA0GCSqGSIb3DQEBAQUAA4ICDwAwggIKAoICAQCvB+hzyb57BTK
ezz3DQjxtEULLIK0S5MbrWzyug7hBkjMUpG9/6SrMxrCIa8W2idHGsv8UzLEUIexK
3RtaxtaH7k06FQbtZGYLkoDKRN5zLE7zp4L/T3hjCMgSUG1Czi9NuXkoTVIaihqA
txmBDn7EirxkTCEcQ2jXPTYKxbJm1ZCatzE6xb7ibTIgph75ueuqo7i/voJjUNDw

```

## HTTP Response Evidence

### IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	134.65.77.134
Connect Time	22.45 ms
TTFB	83.35 ms
Total Time	83.45 ms

#### Response Headers:

```
{
  "0": "HTTP/1.1 307 Temporary Redirect",
  "1": "Server: SGW",
  "2": "Date: Fri, 03 Jul 2026 19:42:28 GMT",
  "3": "Content-Type: text/html",
  "4": "Content-Length: 164",
  "5": "Connection: keep-alive",
  "6": "Location: https://shopee.com.my/",
  "8": "HTTP/2 200",
  "9": "server: SGW",
  "10": "date: Fri, 03 Jul 2026 19:42:28 GMT",
  "11": "content-type: text/html; charset=utf-8",
  "12": "content-length: 186989",
  "13": "vary: Accept-Encoding",
  "14": "alt-svc: h3=\":443\"; ma=2592000",
  "15": "access-control-allow-origin: *",
  "16": "content-security-policy: frame-ancestors 'self' *.wallet.airpay.com.my *.shopee.kr *.airpay.com.my *.shopeemobile.com *.shopee.com.my *.shopee.cn *.shopee.io *.facebook.com *.dailyshopee.vn migoo.ai;",
  "17": "x-permitted-cross-domain-policies: none",
  "18": "strict-transport-security: max-age=31536000",
  "19": "x-content-type-options: nosniff",
  "20": "referrer-policy: strict-origin-when-cross-origin",
  "21": "cache-control: no-cache",
  "22": "expires: -1"
}
```

### IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	134.65.77.134
Connect Time	10.82 ms
TTFB	44.7 ms
Total Time	44.75 ms

#### Response Headers:

```
[
  "HTTP/2 200",
  "server: SGW",
  "date: Fri, 03 Jul 2026 19:42:28 GMT",
  "content-type: text/html; charset=utf-8",
  "content-length: 186989",
  "vary: Accept-Encoding",
  "alt-svc: h3=\":443\"; ma=2592000",
  "access-control-allow-origin: *",
  "content-security-policy: frame-ancestors 'self' *.wallet.airpay.com.my *.shopee.kr *.airpay.com.my *.shopeemobile.com *.shopee.com.my *.shopee.cn *.shopee.io *.facebook.com *.dailyshopee.vn migoo.ai;",
  "x-permitted-cross-domain-policies: none",
  "strict-transport-security: max-age=31536000",
  "x-content-type-options: nosniff",
  "referrer-policy: strict-origin-when-cross-origin",
  "cache-control: no-cache",
  "expires: -1"
]
```

### Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	307 0.009494 0.019623
TCP Connect IPv4 → port 443	200 0.009719 0.045944

### 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
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
```