

IPv6 Readiness Report

perodua.com.my — perodua.com.my



Scan to verify

Category: Enterprise • Generated: 04 Jul 2026, 22:13 MYT • Last Checked: 04 Jul 2026, 03:46 MYT • Verification ID: 473c3d46-acba-4d6b-a843-e0baf9e29eda

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

Audit trail: <https://ipv6.my6.my/audit/473c3d46-acba-4d6b-a843-e0baf9e29eda>

<p>X</p> <p>Non-Compliant</p> <p>MGv6C-1.0</p>	<p>28%</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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<p>IPv4 ADDRESSES</p> <p>202.71.105.77</p>

Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	TM TECHNOLOGY SERVICES SDN BHD
Country	MY
ASN	AS17971
ASN Name	TTSSB-MY - TM TECHNOLOGY SERVICES SDN. BHD., MY
Network (CIDR)	202.71.96.0/20

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	RSASHA256

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: default_domainkey
7	DMARC Record	PASS	DMARC record found.

IPv4 Baseline (15%) 2 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	202.71.105.77
2	HTTP over IPv4	FAIL	HTTP is not accessible over IPv4.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 284ms TTFB.

Audit Trail & Evidence Record

Verification ID	473c3d46-acba-4d6b-a843-e0baf9e29eda
Domain	perodua.com.my
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:46:15 MYT
Finished	04 Jul 2026, 03:46:38 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/473c3d46-acba-4d6b-a843-e0baf9e29eda

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	fbff514b27105e6b72f02c11a2400fc59bbf0524caef92bbbd14a4c88db99e37
http_headers	cae47d3c1447d33844b393499f5408fffbfebebe5c575071c82222e99dd23a4a
dns_responses	defdfd9321b16983afb1a7e43d7cfc0137eacd9fba26fa7edaedeb3bf8d8b916
tls_handshake	622e77cb5d225860c8a2f78bdc248a17e92adce8e64ade8a83c41317f3107d59
connectivity_log	29ea1c513b2402652b9d9cd34fd0b92e7959258d5e097838904fadc2eba27cde
dns_resolution_times	61bbeccf6b3d8da93ad73c5259d5f3d5f9dc27e1e278a4325b67d9f131cfb1b8

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	23.83	29.79	14.62	24.08	-9.2
Google	IPv4	39.11	48.53	43.88	44.28	+4.8
Google	IPv6	32.02	34.36	32.5	33.45	+0.5
Cloudflare	IPv4	16.1	26.1	19.38	23.35	+3.3
Cloudflare	IPv6	11.87	25.99	25.85	46.62	+14

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 5030
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
perodua.com.my. 60 IN A 202.71.105.77
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 25117
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
perodua.com.my. 60 IN DS 21451 8 2 B98BE6DC1D1A20F2264829AF1D950D3EFF23C90A79393FA22F90F991 B64B27D0
perodua.com.my. 60 IN DS 46165 8 2 0B93007A2650C2628D22D7EC37AAE6631EE89667B72B06F100A77E1D DA7EC301
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 62198
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
perodua.com.my. 60 IN MX 10 perodua.in.tmes-sg.trendmicro.com.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 2562
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 4

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
perodua.com.my. 60 IN NS p2dns.perodua.com.my.
perodua.com.my. 60 IN NS p2dns1.perodua.com.my.
perodua.com.my. 60 IN NS p2dns2.perodua.com.my.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 34901
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 6, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
perodua.com.my. 60 IN TXT "_rm4mzgt298k8lwdhdbmiz4jcfu4xnb"
perodua.com.my. 60 IN TXT "_globalsign-domain-verification=XED5zS5XhGmz69AfQ5XW2mPWZL8uD40gun7LzFhBY"
perodua.com.my. 60 IN TXT "v=spf1 mx a:mime.perodua.com.my a:webmail.perodua.com.my a:mobile.perodua.com.my ip4:203.106.235.136 ip4:203.106.235.237 ip4:210.19.237.70
include:spf.tmes-sg.trendmicro.com include:spf.protection.outlook.com -all"
perodua.com.my. 60 IN TXT "LZDC78Z3N1QHSF0Q5Z24XRISTBBNEFOH5223UNS2"
perodua.com.my. 60 IN TXT "MS=ms68748623"
perodua.com.my. 60 IN TXT "_globalsign-domain-verification=VfkPwN8FphW8wbs_THKk0wLTvc9zbBW0e75EnNroH6"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 6105
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
perodua.com.my. 51 IN SOA dhcp2.infoblox.localdomain. administrator.perodua.com.my. 2013120996 10800 1080 2592000 900
```

RRSIG

```
dhcp2.infoblox.localdomain. administrator.perodua.com.my. 2013120996 10800 1080 2592000 900
SOA 8 3 60 20260707153818 20260703143818 49893 perodua.com.my. j7guNGle0LLUOF17ZNqQFyJEF5GXRKTFQ8F19whspEN/qhk1+n7xwfj
Vv+FPzKqj32dj5P/Mxp801zls97QY/4+WMTTuLb+D6ZoRLce8L5LJuxV 8wHfZ8KY0tQ5kv08hmv/oP6V9fWx90peWYbHtMj/5qRbNVNtEFwEgrF 7/s=
```

DNSKEY

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 7514
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
perodua.com.my. 0086391 IN DNSKEY 257 3 8 AwEAAbe2I+r+59FluT3l7VrC1gHGw1pAcwXc7qsg17BQyzyjZ3QhIZKUF 7kJdfVaXgYoN1ERS3f4RmzUcVBjEpLUh7UVZKHq9hkFv9X9Rgu5f5LW9
t+FPnDH+1LDSkehSPy5Gm0tSRs7ZV122tdrJL1FnEKLLcqm6VBuep30 ltB0/4V+G0Zk11+yFxm6dMZihhDmioVb5/XwALE9NmACc9aL98Iw54e
fgjw6utCi0uf6jb42eHLWljWwXiqeeJywnpGQEHANPshcvdWfVnCeupG QDs185IFxULjXqRggxDL7HwnW0hjVAIpMkxic5++P185btv+Ekdm0n5 z3qpCwhIyQM=
perodua.com.my. 0086391 IN DNSKEY 257 3 8 AwEAAc0TEKbPn7UNivGkjruti2p6rNP4j8hN5ETDn0cgEhmcv96oBke VdbP9VFVppnk21Xw5kqHG0iB+j4mdp1jkCP1mU1cDuWf5W/KXejZnAD
8yGBideCEu1bN1SI0YRZWg6x/BMX4FnQN5qcyU09tYM68d6EC+KXHAe 9uFR2AihVvcMbaAeSaou2nsdknxCaaJt5pKeN48fa1FJK2K46dHYRCD
Njh9UzyozxPppP/RkgjgyrfhCQng650KANM43eXjDqbxfg9VIK9//iFD IAKRavr5dVz63Am9m2wK6U5jX4NNcLF7455tTzWe4rfHXJI2k/LAcLV tvYf6tN4aAM=
perodua.com.my. 0086391 IN DNSKEY 256 3 8 AwEAAaZBUW44iKXCnurGqZwjiTKhL8H0bwjY7Kog+TQ3Lw93hKsxz3ZZ cIo3NcfYfJZDTLNPhv3jUfUuyNXBUcenvCjGxF0Ekyn60oJyTMZcfi
lPYsUG3jdwj5f2ws8bFyd6djAcJzU3a2fmKC8hp1QFu3DTaPfxX22L 2gsceB9H
perodua.com.my. 0086391 IN DNSKEY 256 3 8 AwEAAbTjAe3eTYdCSLkG4K16bSRKPSYgXcr3T0ZPzu5qTzrTh1As38j BeggTh+ZeGpthkEzdsYDprSq0UnB+WoYrQEUwo61+WsSeb+Q0X0/RBhR
i4Ulbg4TjlcG8gZEL7kwsKChvIQW0aNYX1kz/KLjstS0peTCVZB9Lem/ lVPwu4st
perodua.com.my. 0086391 IN DNSKEY 256 3 8 AwEAAAdHkg3KK58UCyBop8ldG5C5MJk+knkQnPGZiowRT1ZYvMZdhS5vj yHi/PgjtvF8pLcCjPP710jUhtX7zvyWnD0D1b8bF+qtiqnx0nQ0J8D
MU0lhXaCkan9CG7Mmp7pF1T9w//C06HjaX2vv0Juzqenryy0IxSZDl+s 6LqZdHbh
```

DNSSEC_VALIDATION

```
; fully validated
perodua.com.my. 0051 IN SOA dhcp2.infoblox.localdomain. administrator.perodua.com.my. 2013120996 10800 1080 2592000 900
perodua.com.my. 0051 IN RRSIG SOA 8 3 60 20260707153818 20260703143818 49893 perodua.com.my. j7guNGle0LLUOF17ZNqQFyJEF5GXRKTFQ8F19whspEN/qhk1+n7xwfj
Vv+FPzKqj32dj5P/Mxp801zls97QY/4+WMTTuLb+D6ZoRLce8L5LJuxV 8wHfZ8KY0tQ5kv08hmv/oP6V9fWx90peWYbHtMj/5qRbNVNtEFwEgrF 7/s=
```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	0
Connected IP	
Connect Time	0 ms
TTFB	0 ms
Total Time	8002.16 ms
Error	Failed to connect to perodua.com.my port 80 after 8002 ms: Timeout was reached

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	202.71.105.77
Connect Time	8.12 ms
TTFB	278.24 ms
Total Time	278.32 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Content-Type: text/html; charset=iso-8859-1",
  "2": "Connection: keep-alive",
  "3": "Date: Fri, 03 Jul 2026 19:46:33 GMT",
  "4": "Server: Apache/2.4.58 (Ubuntu)",
  "5": "Location: https://www.perodua.com.my/",
  "6": "Strict-Transport-Security: max-age=31536000; includeSubDomains",
  "8": "HTTP/1.1 200 OK",
  "9": "Content-Type: text/html; charset=UTF-8",
  "10": "Connection: keep-alive",
  "11": "Date: Fri, 03 Jul 2026 19:46:33 GMT",
  "12": "Server: Apache/2.4.58 (Ubuntu)",
  "13": "Set-Cookie: PHPSESSID=pjhmV04salqsvq5ge7u9fbphpl; path=/; domain=www.perodua.com.my; HttpOnly; SameSite=Strict; Secure",
  "14": "Expires: Thu, 19 Nov 1981 08:52:00 GMT",
  "15": "Cache-Control: private",
  "16": "Pragma: no-cache",
  "17": "P3P: CP=\\"NOI ADM DEV PSAi NAV OUR STP IND DEM\\"",
  "18": "Content-Security-Policy: frame-ancestors 'self' 12646602.fl.s.doubleclick.net googletagmanager.com",
  "19": "Strict-Transport-Security: max-age=31536000; includeSubDomains"
}
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	000 0.000000 0.000000
TCP Connect IPv4 → port 443	301 0.003192 0.033017

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
```