

IPv6 Readiness Report

johor.gov.my — johor.gov.my

Category: Government • Generated: 04 Jul 2026, 22:40 MYT • Last Checked: 04 Jul 2026, 04:55 MYT

Report generated from National IPv6 Readiness Monitor — <https://ipv6.my6.my>**X****Non-Compliant**

MGv6C-1.0

0%**No IPv6 Support****IPv6-ONLY READINESS**Website: **X Not Ready**DNS: **X Not Ready**Email: **X Not Ready****Web Services** (35%)

/ 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%)

/ 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 | FAIL | No DS record at parent. |
| 7 | RRSIG Valid | FAIL | No valid RRSIG found. |
| 8 | Signing Algorithm | INFO | No DNSKEY record found. |

Email Services (25%)

/ 6

| # | CHECK | RESULT | DETAIL |
|---|--------------------------------|-------------|-----------------------------------|
| 1 | MX Record Exists | FAIL | No MX record found in DNS. |
| 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 | FAIL | No SPF record found. |
| 6 | DKIM Selector | INFO | No common DKIM selector found. |
| 7 | DMARC Record | FAIL | No DMARC record found. |

| IPv4 Baseline (15%) | | | / 3 |
|---------------------|------------------------|-------------|------------------------------------|
| # | CHECK | RESULT | DETAIL |
| 1 | A Record | FAIL | No A record found in DNS. |
| 2 | HTTP over IPv4 | FAIL | HTTP is not accessible over IPv4. |
| 3 | HTTPS over IPv4 | FAIL | HTTPS is not accessible over IPv4. |