IPv6 Readiness Report

yoodo.com.my — yoodo.com.my

Scan to verify

Category: Telco • Generated: 02 Nov 2026, 03:07 MYT • Last Checked: 08 Aug 2026, 18:19 MYT • Verification ID: 8295647e-acd5-4074-a895-a4faf54f01ec
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/8295647e-acd5-4074-a895-a4faf54f01ec

✗

Non-Compliant

MGv6C-1.0

23%

No IPv6 Support

IPV6-ONLY READINESS

Website: ✗ **Not Ready**

DNS: ✗ **Not Ready**

Email: ✗ **Not Ready**

IPV4 ADDRESSES

`162.215.226.7`

Network Information (WHOIS / RDAP)

	IPv4 Network
Organization	Unified Layer
Country	US
ASN	AS31898
ASN Name	ORACLE-BMC-31898 - Oracle Corporation, US
Network (CIDR)	162.214.0.0/15

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**	FAIL	No DS record at parent.
7	**RRSIG Valid**	FAIL	No valid RRSIG found.

#	CHECK	RESULT	DETAIL
8	**Signing Algorithm**	INFO	No DNSKEY record found.

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%) 2 / 3

#	CHECK	RESULT	DETAIL
1	**A Record**	PASS	162.215.226.7
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 394ms TTFB.
3	**HTTPS over IPv4**	FAIL	HTTPS is not accessible over IPv4.

Audit Trail & Evidence Record

Verification ID	8295647e-acd5-4074-a895-a4faf54f01ec
Domain	yoodo.com.my
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:18:24 MYT
Finished	08 Aug 2026, 18:19:06 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/8295647e-acd5-4074-a895-a4faf54f01ec

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	d209783630dcd8d9e532155caa88b36716ce579b18e68533e83cd95fb0908d2c
http_headers	defa7d6c92b7bbe793fabd84ceefb32e4a748d9b0afc0aebd07f667f36c64c0c
dns_responses	63b8ce0f07955a3008888edb4a086524515ab51f26cb2126c9d2d78632c371eb
tls_handshake	7ff92a70ca34ac692b496e539839935424dac7ead356ae99256d9a1bc4bda98a
connectivity_log	65e6493887b76c44b8a337fd29aa5bcaa182d8feb0741e2a9814574d6bf51a37
dns_resolution_times	425f1c35410cd4d774bcae7729cbc3360e65292ce1bdbace03938ffd9fbdba55

Test Node Identity

Os	Linux srv1440888 6.8.0-136-generic #136-Ubuntu SMP PREEMPT_DYNAMIC Wed Jul 1 21:53:05 UTC 2026 x86_64
Hostname	srv1440888
Php Version	8.3.33
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	19.39	24.43	26.02	29.46	+6.6
Google	IPv4	162.86	226.69	81.17	162.52	-81.7
Google	IPv6	91.48	167.95	41.92	160.46	-49.6
Cloudflare	IPv4	19.98	24.44	22.74	31.16	+2.8
Cloudflare	IPv6	50.5	53.46	37.86	39.71	-12.6

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 25633
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
yoodo.com.my.□□300□IN□A□162.215.226.7
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 36918
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my.□□□2396□IN□SOA□e.nic.my. hostmaster.nic.my. 2026062856 1800 900 604800 3600
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 48012
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
yoodo.com.my.□□3600□IN□MX□10 mx2.mailsentinel.net.
yoodo.com.my.□□3600□IN□MX□10 mx1.mailsentinel.net.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 24415
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
yoodo.com.my.□□3600□IN□NS□ns1.ipnama.net.
yoodo.com.my.□□3600□IN□NS□ns2.ipnama.net.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 17458
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
yoodo.com.my.□□1800□IN□TXT□"google-site-verification=JToqyum_T-Bu5WCdUFP_VRLjYcAE7M4VQ3b7AYDRG4g"
yoodo.com.my.□□1800□IN□TXT□"v=spf1 mx ip4:111.90.130.0/24  ip4:111.90.139.0/24 include:spf.mailsentinel.net ~all"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 55072
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
yoodo.com.my.□□3590□IN□SOA□ns1.ipnama.net. adm_1213443.whoisprotection.cc. 2026040602 3600 7200 1209600 3600
```

RRSIG

```
ns1.ipnama.net. adm_1213443.whoisprotection.cc. 2026040602 3600 7200 1209600 3600
```

DNSKEY

```
;; Got answer:
```

```
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 53682
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
yoodo.com.my.□□3590□IN□SOA□ns1.ipnama.net. adm_1213443.whoisprotection.cc. 2026040602 3600 7200 1209600 3600
```

DNSSEC_VALIDATION

```
; unsigned answer
yoodo.com.my.□□3590□IN□SOA□ns1.ipnama.net. adm_1213443.whoisprotection.cc. 2026040602 3600 7200 1209600 3600
```

TLS Handshake Evidence

IPV4 Connection

IP Used	162.215.226.7
IP Version	4

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	503
Connected IP	162.215.226.7
Connect Time	241.86 ms
TTFB	483.65 ms
Total Time	483.7 ms

Response Headers:

```
[
    "HTTP/1.1 503 Service Temporarily Unavailable",
    "Server: nginx",
    "Date: Sat, 08 Aug 2026 10:18:52 GMT",
    "Content-Type: text/html",
    "Content-Length: 190",
    "Connection: keep-alive"
]
```

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 yoodo.com.my port 443 after 8002 ms: Timeout was reached

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.237196 0.475598
TCP Connect IPv4 → port 443	000 0.000000 0.000000

Test Node Network Evidence

Node Profile	dual stack

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
fd7a:115c:a1e0::1136:5807 dev tailscale0 proto kernel metric 256 pref medium
fe80::/64 dev eth0 proto kernel metric 256 pref medium
fe80::/64 dev tailscale0 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
```