

IPv6 Readiness Report

lohguanlye.com — lohguanlye.com



Scan to verify

Category: Healthcare • Generated: 04 Jul 2026, 22:12 MYT • Last Checked: 04 Jul 2026, 03:38 MYT • Verification ID: 033773cc-8cdc-4380-b403-bcc679b3c09f

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

Audit trail: <https://ipv6.my6.my/audit/033773cc-8cdc-4380-b403-bcc679b3c09f>

<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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IPv4 ADDRESSES
110.74.172.92

Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	AIMS-MY-DIA-NET
Country	MY
ASN	AS45668
ASN Name	AIMS-MY-NET - AIMS Data Centre Sdn Bhd, MY
Network (CIDR)	110.74.168.0/21

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%) 3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	110.74.172.92
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 44ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 27ms TTFB.

Audit Trail & Evidence Record

Verification ID	033773cc-8cdc-4380-b403-bcc679b3c09f
Domain	lohguanlye.com
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:38:50 MYT
Finished	04 Jul 2026, 03:38:53 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/033773cc-8cdc-4380-b403-bcc679b3c09f

Integrity Verification

<p>✓ INTEGRITY VERIFIED</p>	
Algorithm	hmac-sha256-v1
Root Hash	e66ffe5536f9175dfdde2e578c1ef92004f01b78a6742ab58e96255889e26d5f
http_headers	f4d1372d469786d4df18ee6cb1486de096f15d2c69cfaa8dff899eb9a5175d8
dns_responses	3a7ae9fcc29eace1beaf111289f4d758ced5746226f6900c09d8f1d0762c6427
tls_handshake	9226a5364cde2c7ac7998b3350c9ae235b778e6d5b34aaf682fc4d0fe948039f
connectivity_log	1431c4db490c1b6cae6408e09c5a4a88269490258608933dc60b8d3745564b02
dns_resolution_times	734c028010177b578033e661aeba338dfe668fbce44456da2505c8c8fdd23d85

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	10.61	21.77	13.31	22.39	+2.7
Google	IPv4	40.19	53.78	40.36	42.44	+0.2
Google	IPv6	30.05	43.91	42.42	59.9	+12.4
Cloudflare	IPv4	10.94	25.69	10.87	20.35	-0.1
Cloudflare	IPv6	51.77	64.66	20.32	64.91	-31.5

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 65115
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
lohguanlye.com. 86400 IN A 110.74.172.92
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 9210
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com. 899 IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1783107501 1800 900 604800 900
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 34162
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
lohguanlye.com. 86400 IN MX 10 mail.lohguanlye.com.
lohguanlye.com. 86400 IN MX 0 mail2.lohguanlye.com.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 20577
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
lohguanlye.com. 86400 IN NS ns1.techbyte.co.
lohguanlye.com. 86400 IN NS ns2.techbyte.co.
lohguanlye.com. 86400 IN NS ns3.techbyte.co.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 40764
;; flags: qr rd ra; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
lohguanlye.com. 3600 IN TXT "mc86f9jLkrbr67c2q10qi0n2nf"
lohguanlye.com. 3600 IN TXT "MS=ms42810282"
lohguanlye.com. 3600 IN TXT "cj2lb07svio945g3nqb6nh9g4p"
lohguanlye.com. 3600 IN TXT "v=spf1 mx a:mail.lohguanlye.com a:mail2.lohguanlye.com ip4:211.24.110.96 ip4:175.143.15.170 -all"
lohguanlye.com. 3600 IN TXT "ldbem1g15q4vo3o41s2dsn9ck"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 1358
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
lohguanlye.com. 3599 IN SOA ns1.techbyte.co. hostmaster.techbyte.com. 2025111802 172800 3600 1728000 86400
```

RRSIG

```
ns1.techbyte.co. hostmaster.techbyte.com. 2025111802 172800 3600 1728000 86400
```

DNSKEY

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 39101
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
lohguanlye.com. 3599 IN SOA ns1.techbyte.co. hostmaster.techbyte.com. 2025111802 172800 3600 1728000 86400
```

DNSSEC_VALIDATION

```
; unsigned answer
lohguanlye.com. 86399 IN SOA ns1.techbyte.co. hostmaster.techbyte.com. 2025111802 172800 3600 1728000 86400
```



```

MB5FcSM1/5DYKp2N57CSTTx/KgqT3M0WRmX3YISLdkuR3MJUkuDq7o8W6o00PnYX
v32JgIBEQ+ct4EMJddo26K3biTr1XRK0IwSDAgMBAAGjggEsMIIBKDPBgNVHRMB
A8EBETAQAQH/MA4GA1UdDwEB/wQEAwIBBjAdBgNVHQ4EFgQUJUWBaFAmOD07LSy+
zWrZtj2zZmMwHwYDVR0jBBgwFoAUFawyH6fZMH/EfWijYqihzqsHwYcw0gYIKwYB
BOUHAQEELjAsMCoGCCsGAQUFBzABhh5odHRw0i8vb2NzC5zdGFyZmllbGR0ZWNo
LmNvbS8wOwYDVR0fBDQwMjAwoC6gLIYqaHR0cDovL2Nybc5zdGFyZmllbGR0ZWNo
LmNvbS9zZnJvb3QtZzIuY3JsMEwGA1UdIARFMEwQOQYEVRR0gADA5MDcGCCsGAQUF
BwIBF1todHRwczovL2NlcnRzLnN0YXJmaWVsZHRlY2guY29tL3JlcG9zaXRvcnkx
MA0GC5GSIb3DQEBwUAA4IBAQBWZcr+8z8KqJ0LGMfeQ2kTNCc+TL94qGuc22pN
QdvBE+zcmQAIxvcAngzngU0+bE6TkjIEoGIXFs+CFN69xpk37hQYcxTUUAps8L0
rjpf5MqtJsx0YUPL/VemN3D00yuwLM0S6eFqhbJt2nk4NAfZKQrzR9voPiEJBj0
eT2pkb9UGB0JmVQRDVXFJgt5T1ocbvlj2xSapAer+rKluYjdkf5l06Sjeb6JTeHQ
sPTIFwwKlhr8Cbds4clYVdQYoKpBaXako7nv6VrcPuuUSvC33l80dvr7+2kDRUBQ
7nImPBKgc0T0U7EPmp0DdIm8QC3tKai4W56gf0wrHofx1l7
-----END CERTIFICATE-----
2 s:C = US, ST = Arizona, L = Scottsdale, O = "Starfield Technologies, Inc.", CN = Starfield Root Certificate Authority - G2
i:C = US, ST = Arizona, L = Scottsdale, O = "Starfield Technologies, Inc.", CN = Starfield Root Certificate Authority - G2
a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
v:NotBefore: Sep 1 00:00:00 2009 GMT; NotAfter: Dec 31 23:59:59 2037 GMT
-----BEGIN CERTIFICATE-----
MIID3TCCAsWgAwIBAgIBADANBgkqhkiG9w0BAQsFADCBjzELMAKGA1UEBhMCVVMx
EDA0BgNVBARTB0FyaXpvcnRzLnN0YXJmaWVsZHRlY2guY29tL3JlcG9zaXRvcnkx
MA0GC5GSIb3DQEBwUAA4IBAQBWZcr+8z8KqJ0LGMfeQ2kTNCc+TL94qGuc22pN
QdvBE+zcmQAIxvcAngzngU0+bE6TkjIEoGIXFs+CFN69xpk37hQYcxTUUAps8L0
rjpf5MqtJsx0YUPL/VemN3D00yuwLM0S6eFqhbJt2nk4NAfZKQrzR9voPiEJBj0
eT2pkb9UGB0JmVQRDVXFJgt5T1ocbvlj2xSapAer+rKluYjdkf5l06Sjeb6JTeHQ
sPTIFwwKlhr8Cbds4clYVdQYoKpBaXako7nv6VrcPuuUSvC33l80dvr7+2kDRUBQ
7nImPBKgc0T0U7EPmp0DdIm8QC3tKai4W56gf0wrHofx1l7
-----END CERTIFICATE-----

```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	110.74.172.92
Connect Time	17.27 ms
TTFB	43.9 ms
Total Time	43.98 ms

Response Headers:

```
{
  "0": "HTTP/1.1 302 Found",
  "1": "Date: Fri, 03 Jul 2026 19:38:53 GMT",
  "2": "Server: Apache",
  "3": "Location: https://lohguanlye.com/",
  "4": "Content-Type: text/html; charset=iso-8859-1",
  "6": "HTTP/2 200",
  "7": "date: Fri, 03 Jul 2026 19:38:53 GMT",
  "8": "server: Apache",
  "9": "x-powered-by: PHP/8.0.30",
  "10": "cache-control: max-age=31536000",
  "11": "content-type: text/html; charset=UTF-8"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	110.74.172.92
Connect Time	7.79 ms
TTFB	27.21 ms
Total Time	27.25 ms

Response Headers:

```
[
  "HTTP/2 200",
  "date: Fri, 03 Jul 2026 19:38:53 GMT",
  "server: Apache",
  "x-powered-by: PHP/8.0.30",
  "cache-control: max-age=31536000",
  "content-type: text/html; charset=UTF-8"
]
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	302 0.007841 0.016182
TCP Connect IPv4 → port 443	200 0.007191 0.029901

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
```