

IPv6 Readiness Report

lazada.com.my — lazada.com.my



Scan to verify

Category: E-commerce • Generated: 04 Jul 2026, 22:33 MYT • Last Checked: 04 Jul 2026, 03:41 MYT • Verification ID: 0ea559d5-dc0f-4e72-9909-7b7f4092882a

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

Audit trail: <https://ipv6.my6.my/audit/0ea559d5-dc0f-4e72-9909-7b7f4092882a>

<p>X</p> <p>Non-Compliant</p> <p>MGv6C-1.0</p>	<p>43%</p> <p>No IPv6 Support</p>	<p>IPv6-ONLY READINESS</p> <p>Website: X Not Ready</p> <p>DNS: ✓ Ready</p> <p>Email: X Not Ready</p>
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IPv4 ADDRESSES

- 47.246.167.254
- 47.246.167.7
- 47.246.165.39
- 47.246.165.72
- 47.246.165.182
- 47.246.165.115
- 47.246.167.210
- 47.246.167.252

Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	Alibaba Cloud LLC
Country	US
ASN	AS45102
ASN Name	ALIBABA-CN-NET - Alibaba (US) Technology Co., Ltd., CN
Network (CIDR)	47.235.0.0/16

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.	

#	CHECK	RESULT	DETAIL
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%) 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%) 3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	47.246.167.254, 47.246.167.7, 47.246.165.39, 47.246.165.72, 47.246.165.182, 47.246.165.115, 47.246.167.210, 47.246.167.252
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 347ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 54ms TTFB.

Audit Trail & Evidence Record

Verification ID	0ea559d5-dc0f-4e72-9909-7b7f4092882a
Domain	lazada.com.my
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:41:49 MYT
Finished	04 Jul 2026, 03:41:54 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/0ea559d5-dc0f-4e72-9909-7b7f4092882a

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	afa8ace36b8e556018bc12d4ff2b16e329c9799f56286b1709270bd6f603dd8c
http_headers	88343e7c06a131a33892e1ab18bd1e5a81ad7c0065caeb10b27f29dabe1a48de
dns_responses	22f07df2f75692dba264c04ea70416b524a5ee3f3bf5e0f15f12c2c5503027e0
tls_handshake	14bccfeca5bce4b819add7dee78fae9458b956bfb9a093751a4f45be0aabaefe
connectivity_log	d593f5a5ad09b1bc08ec7225e7a93cc1f6634cda588e69bfeb93107ba457e1ed
dns_resolution_times	6b9de9f597ab850ea4bc92a3a193e1e4a0e29dc01a768fb110b25f7ec7ae750a

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	10.09	20.25	10.87	23.26	+0.8
Google	IPv4	20.33	26.26	21.91	32.42	+1.6
Google	IPv6	35.02	206.51	32.3	32.38	-2.7
Cloudflare	IPv4	11.97	22.65	10.78	24.86	-1.2
Cloudflare	IPv6	37.53	108.21	22.61	30.51	-14.9

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 61916
;; flags: qr rd ra; QUERY: 1, ANSWER: 8, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
lazada.com.my. 300 IN A 47.246.165.115
lazada.com.my. 300 IN A 47.246.167.210
lazada.com.my. 300 IN A 47.246.167.252
lazada.com.my. 300 IN A 47.246.167.254
lazada.com.my. 300 IN A 47.246.167.7
lazada.com.my. 300 IN A 47.246.165.39
lazada.com.my. 300 IN A 47.246.165.72
lazada.com.my. 300 IN A 47.246.165.182
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 32587
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 2814 IN SOA e.nic.my. hostmaster.nic.my. 2026052755 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 9048
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
lazada.com.my. 300 IN MX 10 mx1.alibaba-inc.com.
lazada.com.my. 300 IN MX 20 mxus1.alibaba-inc.com.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 14991
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
lazada.com.my. 86400 IN NS ns2.alibabadns.com.
lazada.com.my. 86400 IN NS ns1.alibabadns.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 43443
;; flags: qr rd ra; QUERY: 1, ANSWER: 6, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
lazada.com.my. 300 IN TXT "facebook-domain-verification=510y695dpflud7v0lprfnapv0s2yz6"
lazada.com.my. 300 IN TXT "MS=ms19282087"
lazada.com.my. 300 IN TXT "v=spf1 ip4:103.56.127.36 ip4:103.56.127.37 include:aspmx.pardot.com include:a.staff.mail.aliyun.com include:b.staff.mail.aliyun.com -all"
lazada.com.my. 300 IN TXT "_globalsign-domain-verification=c3i3nTXcLDF_8vq52NPv_58TCNHh_a3ii2RuNMeetJ"
lazada.com.my. 300 IN TXT "google-site-verification=kp8AZyEo2Jhb_5zR1voBMMf5wMebC0bc131f101IA8"
lazada.com.my. 300 IN TXT "google-site-verification=lmjaIa7h5toCXN51peEEDL_BfqQNMGVKagx2rAEXLoc"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 16488
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
```

```
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
lazada.com.my. 358 IN SOA ns1.alibabadns.com. hostmaster.alibabadns.com. 2018061211 3600 1200 86400 360
```

RRSIG

```
ns1.alibabadns.com. hostmaster.alibabadns.com. 2018061211 3600 1200 86400 360
```

DNSKEY

```
;; Got answer:
;; ->HEADER<- opcode: QUERY, status: NOERROR, id: 64675
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
lazada.com.my. 357 IN SOA ns1.alibabadns.com. hostmaster.alibabadns.com. 2018061211 3600 1200 86400 360
```

DNSSEC_VALIDATION

```
; unsigned answer
lazada.com.my. 597 IN SOA ns1.alibabadns.com. hostmaster.alibabadns.com. 2018061211 3600 1200 86400 360
```


c2eCD2xhemxvZ2LzdGljcy5teYINKi5sbHBvcnRhbC5zZ4IYki5kYXRhc2NpZW5jZS5sYXphZGEuY29tghYqLmVkdWNhdGlvbi5sYXphZGEuY29tgg4qLmZjLmXhemFkY5S5Z4IQki5hcGkubGF6YWRhLmNvbYIWIki5nZW9zZXJ2ZXIubGF6YWRhLmNvbYIZKi5tZXRYb2NvdXJpZlIiYW5jLmNvbS5waIIbki53YwxsZXQtcGF5bWVudC5sYXphZGEuY29tghUqLnByZS11ZG10aC5sYXphZGEuc2eCEyouYWRtaW4yLmXhemFkY5S5jb2Z2CFcoubGF6bG9naXN0aWZlLmLuLnRogiAqLnNlbnRlcmNlbnRlci1zdGFnaW5nLmXhemFkY5S52boIIki5meG0uc2+CEioubGF6YWRhLXNlbGxlcj5jboISki5sYXphZGFwYXkuY29tLm15ghQqLnBheW1lbnQubGF6YWRhLmNvbYISbXNnYWNzLW0udGFvYmFvLnR3ghAqLnJlc3QubGF6YWRhLnNngglSYXphZGEuY26CDyoubGF6YWRhLmNvbS5teYITki5hbHB0Y5S5yZWRtYXJ0LmNvbYIYIki5sZWwubGF6YWRhLmNvbYISki5sYXphZGFwYXkuY29tLnBoghYqLmFkc2Vuc2UubGF6YWRhLmNvLnRogiOqLnNlbnRlcmNlbnRlci1waC1zdGFnaW5nLmXhemFkY5S1zZwxsZXIuY26CD2xhemxvZ2LzdGljcy5waIIPki5zZy5sYXphZGEuY29tghgqLmFsaW1lYm90LmXhemFkY5S5jb20ucGicKiouc2VsbGVyY2VudGVyLXNnLXN0YwdpbmcubGF6YWRhLXNlbGxlcj5jboIWKi5kZXItYXJpc2UubGF6YWRhLmNvbYI0ki52LmXhemFkY5S5jb22CEsoubG12ZS5sYXphZGEuY29tghgqLmVkdWNhdGlvbi5sYXphZGEuY28udGicFicouM3BscG9ydGFsLmXhemFkY5S5jb22CEiouaDvhY2NzLnRhb2Jhby50d4IUKi5sYXpsb2dp3RyY3MuY28uawSFCoubGF6bWfsbC5sYXphZGEuY29tgg4qLmXhemFkYX8heS5zZ4IiKi5zZwxsZXJjZW50ZXItZGgubGF6YWRhLXNlbGxlcj5jboIPbGxwb3J0YWwuY29tLnBoghVtc2dhY3MtZ2FwY50Yw9iYW8udHeCdyoucHJlLmXhemFkY5S5Z4I0ki5sYXphZGEuY28udGicIiouc2VsbGVyY2VudGVyLXZuLmXhemFkY5S1zZwxsZXIuY26CEsoubGF6bG9naXN0aWZlLm15ggLsYXphZGEudm6CcmXhemNkb15jb22CC2scG9ydGFsLnZu ghEqLmXhemxvZ2LzdGljcy52boIZki51ZHVjYXRpb24ubGF6YWRhLmNvbS5waIIQKi5sbHBvcnRhbC5jby5pZIIcKi5zZwxsZXJjZW50ZXIubGF6YWRhLmNvbS5teYILKi5sYXphZGEudm6CDWxhemFkY5S5jb20ubXmCCmXhemFkY5S5jb20wHQYDVR0lBBYwFAYIKwYBBQUHAWEGCCsGAQUFBwMCMCB8GA1UdIwQYMBaAFNrtqAhIDDQ3W07lp3UuWfzW3Dw4MB0GA1UdDgQWBBSk20YGuZZHT0YENLckxe+Esq0wnTCCAX4GcisGAQQB

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	43.109.107.26
Connect Time	24.3 ms
TTFB	82.68 ms
Total Time	82.81 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 03 Jul 2026 19:41:54 GMT",
  "2": "Content-Type: text/html",
  "3": "Content-Length: 357",
  "4": "Connection: keep-alive",
  "5": "Location: https://lazada.com.my/",
  "6": "Server: Tengine/Aserver",
  "7": "EagleEye-TraceId: 2102f64817831077141495676ebe72",
  "8": "Timing-Allow-Origin: *",
  "10": "HTTP/2 301",
  "11": "date: Fri, 03 Jul 2026 19:41:54 GMT",
  "12": "content-type: text/html",
  "13": "content-length: 239",
  "14": "location: https://www.lazada.com.my/",
  "15": "x-frame-options: SAMEORIGIN",
  "16": "x-content-type-options: nosniff",
  "17": "content-security-policy: default-src 'self' *.lazada.com.my *.slatic.net *.lazcdn.com *.alicdn.com",
  "18": "x-permitted-cross-domain-policies: master-only",
  "19": "referrer-policy: no-referrer-when-downgrade",
  "20": "server: Tengine/Aserver",
  "21": "eagleeye-traceid: 21413c8317831077141972335edcc2",
  "22": "strict-transport-security: max-age=31536000",
  "23": "timing-allow-origin: *",
  "25": "HTTP/2 200",
  "26": "server: Tengine",
  "27": "content-type: text/html; charset=utf-8",
  "28": "content-length: 465256",
  "29": "vary: Accept-Encoding",
  "30": "date: Fri, 03 Jul 2026 19:41:50 GMT",
  "31": "vary: Accept-Encoding",
  "32": "vary: Accept-Encoding",
  "33": "strict-transport-security: max-age=31536000",
  "34": "x-readtime: 237",
  "35": "vary: Accept-Encoding",
  "36": "x-server-id: 796d9b31cc436b97674ad625714ed55d4ff1ff0552d75871816c0f0fc00a6113",
  "37": "x-frame-options: SAMEORIGIN",
  "38": "x-xss-protection: 1; mode=block",
  "39": "x-content-type-options: nosniff",
  "40": "x-download-options: noopen",
  "41": "x-page-type: pc_new_hp",
  "42": "cache-control: max-age=60, s-maxage=60",
  "43": "eagleeye-traceid: 2b6d72ad17831077105904812e",
  "44": "strict-transport-security: max-age=31536000",
  "45": "timing-allow-origin: *",
  "46": "via: ens-cache43.l2sg7[260,259,200-0,M], ens-cache14.l2sg7[261,0], ens-cache4.my23[0,0,200-0,H], ens-cache22.my23[1,0]",
  "47": "age: 4",
  "48": "ali-swift-global-savetime: 1783107710",
  "49": "x-cache: HIT TCP_MEM_HIT dirn:-2:-2",
  "50": "x-swift-savetime: Fri, 03 Jul 2026 19:41:50 GMT",
  "51": "x-swift-cachetime: 60",
  "52": "object-status: ttl=60,age=4,gip=43.109.107.26",
  "53": "alt-svc: h3=\":443\"; ma=2592000,h3-29=\":443\"; ma=2592000",
  "54": "eagleid: 2b6d72aa17831077142773211e"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	43.109.107.25
Connect Time	12.88 ms
TTFB	55.32 ms

Total Time	55.39 ms
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Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "date: Fri, 03 Jul 2026 19:41:54 GMT",
  "2": "content-type: text/html",
  "3": "content-length: 239",
  "4": "location: https://www.lazada.com.my/",
  "5": "x-frame-options: SAMEORIGIN",
  "6": "x-content-type-options: nosniff",
  "7": "content-security-policy: default-src 'self' *.lazada.com.my *.slatic.net *.lazcdn.com *.alicdn.com",
  "8": "x-permitted-cross-domain-policies: master-only",
  "9": "referrer-policy: no-referrer-when-downgrade",
  "10": "server: Tengine/Aserver",
  "11": "eagleeye-traceid: 2151f7a517831077142533795e26d8",
  "12": "strict-transport-security: max-age=31536000",
  "13": "timing-allow-origin: *",
  "15": "HTTP/2 200",
  "16": "server: Tengine",
  "17": "content-type: text/html; charset=utf-8",
  "18": "content-length: 465256",
  "19": "vary: Accept-Encoding",
  "20": "date: Fri, 03 Jul 2026 19:41:50 GMT",
  "21": "vary: Accept-Encoding",
  "22": "vary: Accept-Encoding",
  "23": "strict-transport-security: max-age=31536000",
  "24": "x-readtime: 237",
  "25": "vary: Accept-Encoding",
  "26": "x-server-id: 796d9b31cc436b97674ad625714ed55d4ff1ff0552d75871816c0f0c00a6113",
  "27": "x-frame-options: SAMEORIGIN",
  "28": "x-xss-protection: 1; mode=block",
  "29": "x-content-type-options: nosniff",
  "30": "x-download-options: noopen",
  "31": "x-page-type: pc_new_hp",
  "32": "cache-control: max-age=60, s-maxage=60",
  "33": "eagleeye-traceid: 2b6d72ad17831077105904812e",
  "34": "strict-transport-security: max-age=31536000",
  "35": "timing-allow-origin: *",
  "36": "via: ens-cache43.l2sg7[260,259,200-0,M], ens-cache14.l2sg7[261,0], ens-cache4.my23[0,0,200-0,H], ens-cache23.my23[2,0]",
  "37": "age: 4",
  "38": "ali-swift-global-savetime: 1783107710",
  "39": "x-cache: HIT TCP_MEM_HIT dirn:-2:-2",
  "40": "x-swift-savetime: Fri, 03 Jul 2026 19:41:50 GMT",
  "41": "x-swift-cachetime: 60",
  "42": "object-status: ttl=60,age=4,gip=43.109.107.25",
  "43": "alt-svc: h3=\":443\"; ma=2592000,h3-29=\":443\"; ma=2592000",
  "44": "eagleid: 2b6d72ab17831077143433968e"
}
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.010329 0.019000
TCP Connect IPv4 → port 443	301 0.008671 0.055306

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
```