

IPv6 Readiness Report

weibo.com — weibo.com

Category: Social Media • Generated: 21 Apr 2026, 19:15 MYT • Last Checked: 07 Mar 2026, 01:16 MYT • Verification ID: ff31ed13-cdc7-4606-baf6-d417c41df233

Report generated from National IPv6 Readiness Monitor — <https://ipv6.my6.my>Audit trail: <https://ipv6.my6.my/audit/ff31ed13-cdc7-4606-baf6-d417c41df233>**X****Non-Compliant**

MGv6C-1.0

28%**No IPv6 Support****IPv6-ONLY READINESS**Website: **X Not Ready**DNS: **X Not Ready**Email: **X Not Ready****IPv4 ADDRESSES**

36.51.224.123

36.51.224.126

Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	SINA
Country	CN
ASN	AS37936
ASN Name	SINA 15F,Ideal Plaza No.58 Bei Si Huan Xi Road, CN
Network (CIDR)	36.51.0.0/16

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%)

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.
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	36.51.224.123, 36.51.224.126
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 691ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 426ms TTFB.

Audit Trail & Evidence Record

Verification ID	ff31ed13-cdc7-4606-baf6-d417c41df233
Domain	weibo.com
Check Mode	Manual
Status	Completed
Started	07 Mar 2026, 01:16:30 MYT
Finished	07 Mar 2026, 01:16:43 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/ff31ed13-cdc7-4606-baf6-d417c41df233

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	58c451a16f6d38dddb91b0fdb642f78dacdbaba85f334ebe4c82cf9fee75208b
http_headers	839dac385dec080fc44de2ef0d810a6fd860638666e6b2a35a4cee373451903b
dns_responses	eb0ef3dc19c83036a1fc62e6c79f942c1aa47534c98b3aa3fd9139e0d33cf69b
tls_handshake	7de1bf7996075c6e2f9ea951cfd7a058c4a175f29f1a288ddebca00da71ddc92
connectivity_log	d8924778b1edb8059f129fc4f9a347278c557635bc64102889d9dce040e3985e
dns_resolution_times	1a5818d370fbf13b568ca26bd6bd79fb5459d7145cef0a0a6da40381c519fa63

Test Node Identity

Os	Linux srv1440888 6.8.0-101-generic #101-Ubuntu SMP PREEMPT_DYNAMIC Mon Feb 9 10:15:05 UTC 2026 x86_64
Hostname	srv1440888
Php Version	8.3.30
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	9.75	10.94	12.33	17.87	+2.6
Google	IPv4	286.31	352.31	32.17	326.22	-254.1
Google	IPv6	101.53	274.79	28.26	355.69	-73.3
Cloudflare	IPv4	22.77	25.93	28.17	33.04	+5.4
Cloudflare	IPv6	16.4	17.71	19.78	34.73	+3.4

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 5941
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
weibo.com. 60 IN A 36.51.224.123
weibo.com. 60 IN A 36.51.224.126
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 8329
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
com. 159 IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1772787836 1800 900 604800 900
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 30774
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
weibo.com. 60 IN MX 10 mx.sina.net.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 59784
;; flags: qr rd ra; QUERY: 1, ANSWER: 6, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
weibo.com. 21600 IN NS ns1.sina.com.cn.
weibo.com. 21600 IN NS ns3.sina.com.cn.
weibo.com. 21600 IN NS ns4.sina.com.cn.
weibo.com. 21600 IN NS ns4.sina.com.
weibo.com. 21600 IN NS ns2.sina.com.cn.
weibo.com. 21600 IN NS ns3.sina.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 40964
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
weibo.com. 60 IN TXT "v=spf1 include:spf.weibo.com -all"
weibo.com. 60 IN TXT "google-site-verification=P4n0nSkaw97YPTZ_JTcVtmAnd8TzURwDaqKi8WGZsb4"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 7935
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
weibo.com. 60 IN SOA ns1.sina.com.cn. zhihao.staff.sina.com.cn. 1 28800 7200 604800 600
```

RRSIG

```
ns1.sina.com.cn. zhihao.staff.sina.com.cn. 1 28800 7200 604800 600
```

DNSKEY

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 31876
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
weibo.com. IN SOA ns1.sina.com.cn. zhihao.staff.sina.com.cn. 1 28800 7200 604800 600
```

DNSSEC_VALIDATION

```
; unsigned answer
weibo.com. IN SOA ns1.sina.com.cn. zhihao.staff.sina.com.cn. 1 28800 7200 604800 600
```



```
iRLLv+lsppXhRa29tPPBFnlpr68=
-----END CERTIFICATE-----
1 s:C = US, O = "DigiCert, Inc.", CN = GeoTrust G2 TLS CN RSA4096 SHA256 2022 CA1
i:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G2
a:PKKEY: rsaEncryption, 4096 (bit); sigalg: RSA-SHA256
v:NotBefore: Dec 15 00:00:00 2022 GMT; NotAfter: Dec 14 23:59:59 2032 GMT
-----BEGIN CERTIFICATE-----
MIIFxjCCBK6gAwIBAgIQDwa7CTBhSCZ/yhtxwduAFTANBqkqhkiG9w0BAQsFADBh
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQ5SW5jMRkwFwYDVQQLExB3
d3cuZGlnaW5lcnQ5SW5jMSAwHgYDVQDEExEaWdpQ2VydCBHbG9iYm9vZCBH
MjAeFw0yMjE0MDAwMDBaFw0zMDIwMzU5NTU5MTQyMzU5NTU5MTQyMzU5NTU5
MRcwFQYDVQQKEw5EaWdpQ2VydCwgSW5jLjEzMDZGA1UEAxMqR2VvVHJlc3QgRzIz
VExTIEN0IFJlbnQwOTYgU0hBMjU2IDIEwMjIzMDZGA1UEAxiANBqkqhkiG9w0BAQEF
AAOCAG8AMIIICGKCAgEAn1dx0o40zYa401EJd0nhFI50B/kXAJTHRI6C1J2Gz86B
Ge9+DD8R4vexG7/QnUvV+5887o+G4enlkDwJV1Pehq4i0n+X6VKIPg5cThCx6/o0
3bUkLWld7sLh3Hli/MaosZZuytdU1uCzQLGpaLB2TiTZbDIiVaykdfwL8V6AXP
0Ab4wIcvPggL4qLwYpsBY6N0DbP884BmLIntdXfzecGst30FnAtm4w+Pto0IIT3F
ITYXaNuIJnKonD1xXaN4Ar/rvcPkpntxVyzQ2T1Lb7vlfYISqNF+1ugpTzKnI1z7
xV7tSgXd2vs6Csy6yFN+QLWwMnGwuQkvr0Im+F7V85S9ECpbqn9qNtKl8gIQ7JeZ
BmBdLroW+4j1PDzBwMSWKB+gvRubVSTuoDR3VctLI4G/Uh+0bF4UStbhKjr1SNCW
JcrB1oF+wWbL8Bvozm4xfLyyGDY47KCP/Fn9X5GHNDLQA9R0zqDKRumiPP1UXswF
uzH0I+g0uqSdZSsYID9XSVq6adcJ3rIMACTu0DcrPrJss0FKGFubmY/VxbxMgYHI
/07Zfdxoa+q0oswpoFbMhLPZz9UuJFBCLsjgSckkSU02/4itLm9e3lt6E/4q9Mc
McaS8+qrLWKG9wQtviC8zGynEXpxjEQE8WyrfeYKyXwZFCPB4rpTw1joJmGFeLUC
AwEAA0CAx4wggF6MBIGA1UdEwEB/wQIMAYBAf8CAQAwHQYDVRR0BBYEFEF0jmmd
9G417HgUHH7XzRZz/LrMB8GA1UdIwQYMBaAFE41VCAYLebjuYP+vq5Eu0GF485
MA4GA1UdDwEB/wQEAwIBhjAdBgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUHAIwIw
```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	36.51.224.27
Connect Time	111.77 ms
TTFB	496.74 ms
Total Time	496.88 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 06 Mar 2026 09:16:41 GMT",
  "2": "Content-Type: text/html",
  "3": "Content-Length: 171",
  "4": "Connection: keep-alive",
  "5": "Location: https://weibo.com/",
  "6": "Server: SHANHAI-SERVER",
  "7": "Lb: 36.51.224.123",
  "8": "Ssl_node: mapi-10-81-97-69.hk.intra.weibo.cn",
  "10": "HTTP/2 302",
  "11": "content-type: text/html; charset=utf-8",
  "12": "content-length: 355",
  "13": "location: https://passport.weibo.com/visitor/visitor?entry=miniblog&a=enter&url=https%3A%2F%2Fweibo.com%2Fdomain=weibo.com&_rand=1772788602072&sudaref=",
  "14": "date: Fri, 06 Mar 2026 09:16:42 GMT",
  "15": "vary: Origin",
  "16": "set-cookie: XSRF-TOKEN=nH4oUcRENFJ0h9QkumhjtH7l; path=/; secure",
  "17": "x-login-visitor: true",
  "18": "x-frame-options: SAMEORIGIN",
  "19": "x-xss-protection: 1; mode=block",
  "20": "x-download-options: noopen",
  "21": "x-readtime: 1",
  "22": "proc_node: weibopro-node-beta-web-hj4-7cc84cf797-vcp99",
  "23": "server: SHANHAI-SERVER",
  "24": "lb: 36.51.224.123",
  "25": "ssl_node: mapi-10-81-97-72.hk.intra.weibo.cn",
  "27": "HTTP/2 200",
  "28": "server: nginx",
  "29": "date: Fri, 06 Mar 2026 09:16:42 GMT",
  "30": "content-type: text/html",
  "31": "vary: Accept-Encoding",
  "32": "cache-control: no-cache, must-revalidate",
  "33": "expires: Sat, 26 Jul 1997 05:00:00 GMT",
  "34": "pragma: no-cache",
  "35": "pragma: no-cache",
  "36": "content-security-policy: upgrade-insecure-requests",
  "37": "strict-transport-security: max-age=31536000; includeSubDomains",
  "38": "x-via-ssl: ssl.53.sinag1.hyds.lb.sinanode.com"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	36.51.224.27
Connect Time	75.08 ms
TTFB	425.28 ms
Total Time	425.38 ms

Response Headers:

```
{
  "0": "HTTP/2 302",
  "1": "content-type: text/html; charset=utf-8",
  "2": "content-length: 355",
  "3": "location: https://passport.weibo.com/visitor/visitor?entry=miniblog&a=enter&url=https%3A%2F%2Fweibo.com%2Fdomain=weibo.com&_rand=1772788602923&sudaref=",
  "4": "date: Fri, 06 Mar 2026 09:16:42 GMT",
  "5": "vary: Origin",
  "6": "set-cookie: XSRF-TOKEN=N3Bj5Dhgn8A7WG2liGQIe9wc; path=/; secure",
  "7": "x-login-visitor: true",
  "8": "x-frame-options: SAMEORIGIN",
  "9": "x-xss-protection: 1; mode=block",
  "10": "x-download-options: noopen",
}
```

```

"11": "x-readtime: 1",
"12": "proc_node: weibopro-node-web-6f96bd5fc8-djvnk",
"13": "server: SHANHAI-SERVER",
"14": "lb: 36.51.224.123",
"15": "ssl_node: mapi-10-81-97-72.hk.intra.weibo.cn",
"17": "HTTP/2 200",
"18": "server: nginx",
"19": "date: Fri, 06 Mar 2026 09:16:43 GMT",
"20": "content-type: text/html",
"21": "vary: Accept-Encoding",
"22": "cache-control: no-cache, must-revalidate",
"23": "expires: Sat, 26 Jul 1997 05:00:00 GMT",
"24": "pragma: no-cache",
"25": "pragma: no-cache",
"26": "content-security-policy: upgrade-insecure-requests",
"27": "strict-transport-security: max-age=31536000; includeSubDomains",
"28": "x-via-ssl: ssl.53.sinag1.hyds.lb.sinanode.com"
}

```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.037644 0.076391
TCP Connect IPv4 → port 443	302 0.037338 0.234792

Test Node Network Evidence

Node Profile	dual stack
--------------	------------

Egress Connectivity

IPv4 Egress	unreachable
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
76.13.221.0/24 dev eth0 proto kernel scope link src 76.13.221.142