

# IPv6 Readiness Report

weibo.com — weibo.com



Scan to verify

Category: Social Media • Generated: 04 Jul 2026, 22:51 MYT • Last Checked: 04 Jul 2026, 03:25 MYT • Verification ID: d18e7938-df51-42b6-9c32-0778986acdf1

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

Audit trail: <https://ipv6.my6.my/audit/d18e7938-df51-42b6-9c32-0778986acdf1>

<p><b>X</b></p> <p><b>Non-Compliant</b></p> <p>MGv6C-1.0</p>	<p><b>28%</b></p> <p><b>No IPv6 Support</b></p>	<p><b>IPv6-ONLY READINESS</b></p> <p>Website: <b>X Not Ready</b></p> <p>DNS: <b>X Not Ready</b></p> <p>Email: <b>X Not Ready</b></p>
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IPv4 ADDRESSES
36.51.224.126
36.51.224.123

## 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.	

#	CHECK	RESULT	DETAIL
8	<b>Signing Algorithm</b>	<b>INFO</b>	No DNSKEY record found.

**Email Services** (25%) 3 / 6

#	CHECK	RESULT	DETAIL
1	<b>MX Record Exists</b>	<b>PASS</b>	MX record found.
2	<b>MX Server Has IPv6</b>	<b>FAIL</b>	MX server has no IPv6 address.
3	<b>SMTP Reachable via IPv6</b>	<b>FAIL</b>	SMTP is not reachable over IPv6.
4	<b>STARTTLS over IPv6</b>	<b>FAIL</b>	STARTTLS not available over IPv6.
5	<b>SPF Record</b>	<b>PASS</b>	SPF record found.
6	<b>DKIM Selector</b>	<b>INFO</b>	No common DKIM selector found.
7	<b>DMARC Record</b>	<b>PASS</b>	DMARC record found.

**IPv4 Baseline** (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	<b>A Record</b>	<b>PASS</b>	36.51.224.126, 36.51.224.123
2	<b>HTTP over IPv4</b>	<b>PASS</b>	HTTP (port 80) responds over IPv4 — 593ms TTFB.
3	<b>HTTPS over IPv4</b>	<b>PASS</b>	HTTPS (port 443) responds over IPv4 — 507ms TTFB.

### Audit Trail & Evidence Record

Verification ID	d18e7938-df51-42b6-9c32-0778986acdf1
Domain	weibo.com
Check Mode	Scheduled
Status	Completed
Started	04 Jul 2026, 03:25:35 MYT
Finished	04 Jul 2026, 03:25:46 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/d18e7938-df51-42b6-9c32-0778986acdf1

### Integrity Verification

<b>✓ INTEGRITY VERIFIED</b>	
Algorithm	hmac-sha256-v1
Root Hash	ab413ea67def338b059645081c90cf9d0e4ccceae842f50423d58af53b266477
http_headers	94de80d914ba8dca631bfd5c24ae9b16008904e6cf151be5ce2f824a7369581e
dns_responses	b342a9556bce0a84f95ba94b72104ed6c2cc7e93fabb5d54eeffa4a4ed4c4c0a9
tls_handshake	249c0c3f4a9fe052ad5d4b54ceaaa82a0c79441850588c3720867523a8075a0
connectivity_log	993b9e86b77ee9ea47a8026c4a4d46ecc422f30b920e6d51fb3239bee01098ad
dns_resolution_times	20c65fe33e2a2567b6919151157afa88590e5bc3a804fb460fde71ead1e93f3f

### 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	33	37.86	53	114.17	+20
Google	IPv4	380.04	392.31	113.75	119.28	-266.3
Google	IPv6	117.79	374.76	372.02	431.77	+254.2
Cloudflare	IPv4	30.89	33.1	40.79	52.31	+9.9
Cloudflare	IPv6	25.79	28.07	29.85	57.71	+4.1



## DNS Evidence

### A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 44449
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
weibo.com. 60 IN A 36.51.224.126
weibo.com. 60 IN A 36.51.224.123
```

### DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 6097
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com. 895 IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1783106726 1800 900 604800 900
```

### MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 23807
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
weibo.com. 60 IN MX 10 mx.sina.net.
```

### NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 30895
;; flags: qr rd ra; QUERY: 1, ANSWER: 6, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
weibo.com. 86400 IN NS ns1.sina.com.cn.
weibo.com. 86400 IN NS ns3.sina.com.cn.
weibo.com. 86400 IN NS ns2.sina.com.cn.
weibo.com. 86400 IN NS ns4.sina.com.cn.
weibo.com. 86400 IN NS ns4.sina.com.
weibo.com. 86400 IN NS ns3.sina.com.
```

### TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 30711
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; 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: 31039
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
weibo.com. 57 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: 6302
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; 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
```





```
TDTa51b+0c1R0Y2L3uqzyE7tfnbzw00=
-----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
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMRkwFwYDVQQLExB3
d3cuZGlnaW5lcnQyMjY2MSAwHgYDVQDEExdEaWdpQ2VydCBHbG9iYWwUm9vdCBH
MjAeFw0yMjY2MDAwMDBaFw0zMDYyMTQyMzU5NTLaMFsxCzAJBgNVBAYTALVT
MRcwFQYDVQQKEw5EaWdpQ2VydCwgSW5jLjEzMDZGA1UEAxMqR2VvVHJlc3QgRzIz
VExTIEN0IFJlbnQwOTYgU0hBMjU2IDFwMjIzMDExMjIzMDExMjIzMDExMjIzMDEx
AAOCAG8AMIICGKCAgEAn1dx0o40zYa401EJd0nhFI50B/kXAJTHRI6C1J2Gz86B
Ge9+DD8R4vexG7/QnUvV+5887o+G4enlkDwJV1Pehq4i0n+X6VKIPg5cThCx6/o0
3bUkLWld7sLh3Hli/MaosZZuytdU1uCzQLGpaLB2TiTZbDIImiVaykdfwL8V6AXP
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
AwEAAa0CAx4wggF6MBIGA1UdEwEB/wQIMAYBAf8CAQAwHQYDVROBBYEFEF0jmmd
9G417HgUHH7XzRZzZ/LrMB8GA1UdIwQYMBaAFE4iVCAYLebjuYP+vq5Eu0GF485
MA4GA1UdDwEB/wQEAwIBhjAdBgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUHAIwIw
```



## HTTP Response Evidence

### IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	36.51.224.207
Connect Time	169.35 ms
TTFB	593.35 ms
Total Time	593.53 ms

#### Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 03 Jul 2026 19:25:45 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: 36.51.224.126",
  "8": "Ssl_node: mapi-10-81-97-72.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=1783106745742&sudaref=",
  "14": "date: Fri, 03 Jul 2026 19:25:45 GMT",
  "15": "vary: Origin",
  "16": "accept-ranges: bytes",
  "17": "set-cookie: XSRF-TOKEN=yeh3tuL_K8F8Gboe0RIxNohy; path=/; secure",
  "18": "x-login-visitor: true",
  "19": "x-frame-options: SAMEORIGIN",
  "20": "x-xss-protection: 1; mode=block",
  "21": "x-download-options: noopen",
  "22": "x-readtime: 1",
  "23": "proc_node: weibopro-node-web-hj4-56d4fdb7f-zszth",
  "24": "server: SHANHAI-SERVER",
  "25": "lb: 36.51.224.123",
  "26": "ssl_node: mapi-10-81-97-69.hk.intra.weibo.cn",
  "28": "HTTP/2 200",
  "29": "content-type: text/html",
  "30": "date: Fri, 03 Jul 2026 19:25:45 GMT",
  "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": "server: APISIX/3.14.1",
  "39": "alb-x-request-id: f7880704-b5e4-410d-b7af-230f08fa6f3d"
}
```

### IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	36.51.224.207
Connect Time	127.38 ms
TTFB	519.66 ms
Total Time	519.75 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=17831067462506&sudaref=",
  "4": "date: Fri, 03 Jul 2026 19:25:46 GMT",
  "5": "vary: Origin",
  "6": "accept-ranges: bytes",
  "7": "set-cookie: XSRF-TOKEN=4yHKWXPYT1zTJbZaqbnnuSnG; path=/; secure",
  "8": "x-login-visitor: true",
  "9": "x-frame-options: SAMEORIGIN",
}
```

```

"10": "x-xss-protection: 1; mode=block",
"11": "x-download-options: noopen",
"12": "x-readtime: 1",
"13": "proc_node: weibopro-node-01-web-hj4-8487689c65-5kqp2",
"14": "server: SHANHAI-SERVER",
"15": "lb: 36.51.224.126",
"16": "ssl_node: msre-10-81-97-73.hk.intra.weibo.cn",
"18": "HTTP/2 200",
"19": "content-type: text/html",
"20": "date: Fri, 03 Jul 2026 19:25:46 GMT",
"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": "server: APISIX/3.14.1",
"29": "alb-x-request-id: 8a632e21-c3a3-420b-abd3-c61fff324196"
}
    
```

**Connectivity Test Evidence**

Test	Result
TCP Connect IPv4 → port 80	301 0.041299 0.084163
TCP Connect IPv4 → port 443	302 0.043992 0.257986

**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
    
```