

# IPv6 Readiness Report

iq.com — iq.com



Scan to verify

Category: Streaming • Generated: 13 Jun 2026, 19:19 MYT • Last Checked: 13 Jun 2026, 01:05 MYT • Verification ID: 31f19fb4-b6e4-4b08-a28c-e54d6873e527

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

Audit trail: <https://ipv6.my6.my/audit/31f19fb4-b6e4-4b08-a28c-e54d6873e527>

<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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<p><b>IPv4 ADDRESSES</b></p> <p>118.26.33.23</p>
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## Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	Beijing IQIYI Science & Technology Co., Ltd.
Country	CN
ASN	AS133865
ASN Name	IQIYI-AS-AP - Beijing IQIYI Science & Technology Co., Ltd., CN
Network (CIDR)	118.26.32.0/22

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>	118.26.33.23
2	<b>HTTP over IPv4</b>	<b>PASS</b>	HTTP (port 80) responds over IPv4 — 126ms TTFB.
3	<b>HTTPS over IPv4</b>	<b>PASS</b>	HTTPS (port 443) responds over IPv4 — 168ms TTFB.

### Audit Trail & Evidence Record

Verification ID	31f19fb4-b6e4-4b08-a28c-e54d6873e527
Domain	iq.com
Check Mode	Scheduled
Status	Completed
Started	13 Jun 2026, 01:05:39 MYT
Finished	13 Jun 2026, 01:05:42 MYT
Test Node Profile	ipv6 only
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/31f19fb4-b6e4-4b08-a28c-e54d6873e527

### Integrity Verification

<b>✓ INTEGRITY VERIFIED</b>	
Algorithm	hmac-sha256-v1
Root Hash	a801a374f2f49bd698b05eb41bfbe5d557545416f8afd61fd4db8b1619234d14
http_headers	33d4a62683ff32250fd6bdf2db5d85a9f4c253585d436452e61df3b89f80219e
dns_responses	e55faa5b024ee1d24cfc04bb8b68986f11b55d8b798aca8559d7e3c5e651504f
tls_handshake	fdfd7151e0e0699932ba233c28a8c056cb6940bfe63aa8101dafbee60804a53
connectivity_log	62cb62f5cddf3bb8511165940c28b8cb6422860814264f0a08efb5767a3e90f
dns_resolution_times	f3b99cb9b319823b773567fab324008f969495f035feafdb7f5b91ee0487d0f0

### 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	8.3.31
Server Ipv4	-
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	19.01	30.51	17.88	21.38	-1.1
Google	IPv4	38	70.72	35.31	47.29	-2.7
Google	IPv6	27.46	33.23	41.51	84.14	+14.1
Cloudflare	IPv4	20.71	24.15	45.82	48.86	+25.1
Cloudflare	IPv6	26.98	33.66	8.08	23	-18.9



## DNS Evidence

### A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 37736
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
iq.com. 600 IN A 118.26.33.23
```

### DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 9043
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com. 893 IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1781283913 1800 900 604800 900
```

### MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 43222
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
iq.com. 1200 IN MX 10 mx1.iq.com.
iq.com. 1200 IN MX 20 mx20.iq.com.
```

### NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 43274
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 3

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
iq.com. 3600 IN NS ns1.iq.com.
iq.com. 3600 IN NS ns2.iq.com.
```

### TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 3032
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
iq.com. 1200 IN TXT "v=spf1 ip4:202.108.14.131 ip4:116.211.199.239 ip4:129.227.142.136 ip4:23.236.118.81 ip4:202.108.14.15 ip4:116.211.199.4 ip4:23.236.118.82 a mx -all"
```

### AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 54507
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
iq.com. 599 IN SOA ns1.iq.com. dnsadmin.iq.com. 2026061000 1800 600 129600 600
```

### RRSIG

```
ns1.iq.com. dnsadmin.iq.com. 2026061000 1800 600 129600 600
```

### DNSKEY

```
;; Got answer:
```

```
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 27689
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
iq.com. 598 IN SOA ns1.iq.com. dnsadmin.iq.com. 2026061000 1800 600 129600 600
```

**DNSSEC\_VALIDATION**

```
; unsigned answer
iq.com. 598 IN SOA ns1.iq.com. dnsadmin.iq.com. 2026061000 1800 600 129600 600
```





```

MQswCQYDVQGEwJCRTEZMBcGA1UEChMQR2xvYmFsU2lnbiBudi1zYTEQMA4GA1UE
CxMhUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnbiBSb290IENBMB4XDTE5MDYx
OTAwMDAwMFOXTDI4MDEyODEyMDAwMFOwUDEKMCIGA1UECXMbR2xvYmFsU2lnbiBF
Q0MgUm9vdCBDQSAatIF1MRMwEQYDVQKEwHbG91YXxTaWduMRMwEQYDVQDEwPH
bG91YXxTaWduMHYwEAYHkoZiZj0CAQYFK4EEACIDYgAER0U0lv9Xb/p0dEh+J8L
ttV7HpI65Fkc8GIXLcB6KP4ap1yztsyX50XUWP rRd21DosCHZTKH3rd6zwcWd
TaRvQZU4f8keh0vRnkmSh5SHDDqFSmafNmTTZdhBoZKo4IBIjCCAR4wDgYDVR0P
AQH/BAQDAgEGMA8GA1UdEwEB/wQFMAMBAf8wHQYDVR00BBYEFD3mKuib6gfKIURK
Jt5u3tKD0J9ZMB8GA1UdIwQYMBaAFGB7ZhpFDZFKiVAvfQTNNKj//P1LMD0GCCsG
AQUFBwEBBDEwLzAtBgggrBgEFBQcwAYYhaHR0cDovL29jc3AuZ2xvYmFsc2lnbi5j
b20vc9vdHIXMDMGA1UdHwQSMCOWKKAmoCSGImh0dHA6Ly9jcmwuZ2xvYmFsc2ln
bi5jb20vc9vdC5jcmwRwYDVR0gBEAwPjA8BgRVHSAAMDQwMgYIKwYBBQUHAgEW
Jmh0dHBz0i8vd3d3Lmdsb2JhbHNpZ24uY29tL3JlcG9zaXRvcnkMA0GC5qGSIB3
DQEBDAUA4IBAQBQ11FVSLT8GKzvaFvpSX0w+HxmfvrzTyL403FkaxnrNVtzxu/M
VkQBDYLsw0npMjaphFtnWBvNWRPRA60hNYGyGuNYe5dGDoky/9mPlnWXCnydRQJ3
7Nph4umG4yvqrXhnrSjW6NKca9ccoAw0rJEUDd1cYSakNgtPSf+td/9bkN7E5fsu
QWUkqgT+sB7Mlx1rxBULK6rPidx2fbgKwTzNXFTTgc8JuEX+YN3jG2dkMha0dk7y
CsAqHmzJ/BIXWwWrGgLozflb7j9n8CS0qw03ISlr5Ztjx2YJ4LWb25rHp/pATLl
iBujmo+JS32LF0qcFLpp2+dChc1T9qcvjmZy
-----END CERTIFICATE-----
---
Server certificate
subject=C = CN, ST = Beijing, L = Beijing, O = "Beijing IQIYI Science & Technology Co., Ltd.", CN = *.iq.com
issuer=C = BE, O = GlobalSign nv-sa, CN = GlobalSign ECC OV SSL CA 2018
---
No client certificate CA names sent
Peer signing digest: SHA256

```



## HTTP Response Evidence

### IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	23.45.176.228
Connect Time	44.62 ms
TTFB	204.01 ms
Total Time	204.11 ms

#### Response Headers:

```
{
  "0": "HTTP/1.1 302 Moved Temporarily",
  "1": "Server: nginx",
  "2": "Date: Fri, 12 Jun 2026 17:05:42 GMT",
  "3": "Content-Type: text/html",
  "4": "Content-Length: 138",
  "5": "Connection: keep-alive",
  "6": "Location: https://www.iq.com/",
  "8": "HTTP/2 200",
  "9": "content-type: text/html; charset=utf-8",
  "10": "x-ratelimit-limit-1: 300",
  "11": "x-ratelimit-remaining-1: 23",
  "12": "x-ratelimit-reset-1: 0",
  "13": "x-switch-domain: 0,1,2,3,4,5,6,7,8,9,a,b,c,d,e,f",
  "14": "x-api-traceid: 487c6a3b8c1895f679da50a54012170b",
  "15": "x-custom-client-ip: 76.13.221.142:my",
  "16": "x-cache-server-pf: prod-ali:3",
  "17": "x-content-type-options: nosniff",
  "18": "x-xss-protection: 1; mode=block",
  "19": "etag: FmiladmA-sn3iYkg2t4k8NtBFV0",
  "20": "x-dns-prefetch-control: on",
  "21": "x-frame-options: allow-from file://*",
  "22": "x-download-options: noopen",
  "23": "strict-transport-security: max-age=15552000; includeSubDomains",
  "24": "x-custom-from-cache: key: page2$3$my$en_us$/$B$W$0$gzip, cacheEncode: gzip",
  "25": "server-timing: total;dur=4,hitCache,x-switch-domain;desc=\"0,1,2,3,4,5,6,7,8,9,a,b,c,d,e,f\",created;desc=\"1781283940173\",pageMod;desc=\"my\",pageLang;desc=\"en_us\",prefetch;desc=\"false\",ck;desc=\"nocache-mod-lang\",image;desc=\"nonwebp\"",
  "26": "link: <https://api.iq.com>; rel=\"preconnect\"",
  "27": "server: Skywalker/3.10.1/45271",
  "28": "expires: Fri, 12 Jun 2026 17:05:42 GMT",
  "29": "cache-control: max-age=0, no-cache, no-store",
  "30": "pragma: no-cache",
  "31": "date: Fri, 12 Jun 2026 17:05:42 GMT",
  "32": "set-cookie: lang=en_us; Path=/; Domain=.iq.com; Max-Age=31536000; Expires=Sat, 12 Jun 2027 17:05:42 GMT",
  "33": "set-cookie: mod=my; Path=/; Domain=.iq.com; Max-Age=31536000; Expires=Sat, 12 Jun 2027 17:05:42 GMT",
  "34": "set-cookie: random-uuid=3452bb91f13e4e7cb5d76ee833cbeaa4; Path=/; Domain=.iq.com; Max-Age=31536000; Expires=Sat, 12 Jun 2027 17:05:42 GMT",
  "35": "server-timing: cdn-cache; desc=MISS"
}
```

### IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	23.45.176.228
Connect Time	43.33 ms
TTFB	170.46 ms
Total Time	170.55 ms

#### Response Headers:

```
{
  "0": "HTTP/2 302",
  "1": "server: nginx",
  "2": "date: Fri, 12 Jun 2026 17:05:42 GMT",
  "3": "content-type: text/html",
  "4": "content-length: 138",
  "5": "location: https://www.iq.com/",
  "7": "HTTP/2 200",
  "8": "content-type: text/html; charset=utf-8",
  "9": "x-ratelimit-limit-1: 300",
  "10": "x-ratelimit-remaining-1: 22",
  "11": "x-ratelimit-reset-1: 0",
}
```

```

"12": "x-switch-domain: 0,1,2,3,4,5,6,7,8,9,a,b,c,d,e,f",
"13": "x-api-traceid: 955b2b57064a0664e513fc9dalf2364a",
"14": "x-custom-client-ip: 76.13.221.142:my",
"15": "x-cache-server-pf: prod-ali:3",
"16": "x-content-type-options: nosniff",
"17": "x-xss-protection: 1; mode=block",
"18": "etag: FmiladwmA-sn3iYkg2t4k8NtBFV0",
"19": "x-dns-prefetch-control: on",
"20": "x-frame-options: allow-from file://*",
"21": "x-download-options: noopen",
"22": "strict-transport-security: max-age=15552000; includeSubDomains",
"23": "x-custom-from-cache: key: page2$3$my$en_us/$B$W$0$gzip, cacheEncode: gzip",
"24": "server-timing: total;dur=6,hitCache,x-switch-domain;desc=\"0,1,2,3,4,5,6,7,8,9,a,b,c,d,e,f\",created;desc=\"1781283940173\",pageMod;desc=\"my\",pageLang;desc=\"en_us\",prefetch;desc=\"false\",ck;desc=\"nocache-mod-lang\",image;desc=\"nonwebp\"",
"25": "link: <https://api.iq.com>; rel=\"preconnect\"",
"26": "server: Skywalker/3.10.1/45271",
"27": "expires: Fri, 12 Jun 2026 17:05:42 GMT",
"28": "cache-control: max-age=0, no-cache, no-store",
"29": "pragma: no-cache",
"30": "date: Fri, 12 Jun 2026 17:05:42 GMT",
"31": "set-cookie: lang=en_us; Path=/; Domain=.iq.com; Max-Age=31536000; Expires=Sat, 12 Jun 2027 17:05:42 GMT",
"32": "set-cookie: mod=my; Path=/; Domain=.iq.com; Max-Age=31536000; Expires=Sat, 12 Jun 2027 17:05:42 GMT",
"33": "set-cookie: random-uuid=8d3f3b8072994311a037d6ba9e60cb43; Path=/; Domain=.iq.com; Max-Age=31536000; Expires=Sat, 12 Jun 2027 17:05:42 GMT",
"34": "server-timing: cdn-cache; desc=MISS"
}
    
```

### Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	302 0.039123 0.079542
TCP Connect IPv4 → port 443	302 0.040017 0.139179

### Test Node Network Evidence

Node Profile	ipv6 only
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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
76.13.221.0/24 dev eth0 proto kernel scope link src 76.13.221.142
    
```