

IPv6 Readiness Report

iflix.com — iflix.com




Scan to verify

Category: Streaming • Generated: 04 Jul 2026, 22:29 MYT • Last Checked: 04 Jul 2026, 03:26 MYT • Verification ID: 57eef83a-7e37-4d84-a7d3-94c21bb8408e

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

Audit trail: <https://ipv6.my6.my/audit/57eef83a-7e37-4d84-a7d3-94c21bb8408e>



Partially Compliant

MGv6C-1.0

60%

Partial Support

IPV6-ONLY READINESS

Website: ✗ Not Ready

DNS: ✓ Ready

Email: ✗ Not Ready

IPV6 ADDRESSES

2600:9000:2153:3000:3:c339:6840:93a1
2600:9000:2153:fc00:3:c339:6840:93a1
2600:9000:2153:b000:3:c339:6840:93a1
2600:9000:2153:3200:3:c339:6840:93a1
2600:9000:2153:ca00:3:c339:6840:93a1
2600:9000:2153:b800:3:c339:6840:93a1
2600:9000:2153:4600:3:c339:6840:93a1
2600:9000:2153:9400:3:c339:6840:93a1

IPV4 ADDRESSES

43.155.124.23
43.135.105.98
43.154.240.111

Network Information (WHOIS / RDAP)

	IPv6 Network	IPv4 Network
Organization	Amazon.com, Inc.	ACEVILLEPELTLD-SG
Country	US	SG
ASN	AS16509	AS132203
ASN Name	AMAZON-02 - Amazon.com, Inc., US	TENCENT-NET-AP-CN - Tencent Building, Kejizhongyi Avenue, CN
Network (CIDR)	2600:9000::/28	43.155.0.0/17

Web Services (35%) 4 / 8

#	CHECK	RESULT	DETAIL
1	AAAA Record	PASS	2600:9000:2153:3000:3:c339:6840:93a1, 2600:9000:2153:fc00:3:c339:6840:93a1, 2600:9000:2153:b000:3:c339:6840:93a1, 2600:9000:2153:3200:3:c339:6840:93a1, 2600:9000:2153:ca00:3:c339:6840:93a1, 2600:9000:2153:b800:3:c339:6840:93a1, 2600:9000:2153:4600:3:c339:6840:93a1, 2600:9000:2153:9400:3:c339:6840:93a1
2	Globally Routable IPv6	PASS	All addresses are globally routable.
3	HTTP over IPv6	PASS	HTTP (port 80) responds over IPv6 — 16ms TTFB.
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)	PASS	Domain has both A and AAAA records.
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.

#	CHECK	RESULT	DETAIL
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.
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	PASS	MX server has AAAA record.
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	FAIL	No DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	43.155.124.23, 43.135.105.98, 43.154.240.111
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 384ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 191ms TTFB.

Audit Trail & Evidence Record

Verification ID	57eef83a-7e37-4d84-a7d3-94c21bb8408e
Domain	iflix.com
Check Mode	Scheduled
Status	Completed
Started	04 Jul 2026, 03:26:23 MYT
Finished	04 Jul 2026, 03:26:53 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/57eef83a-7e37-4d84-a7d3-94c21bb8408e

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	e9eec0e5bacc3009d9fca6cf6514ad2bcd55734b2d3c2d44f8750414480b3485
http_headers	e4522530d3bb046f1dad0f8056eb2febbcb751d20ea24f884561adf176c23831
dns_responses	7ff5995561fa730c2372cb377a8243998e6de4b1118da0e3e5b8ec763048b398
tls_handshake	301299ddc8e2fb833d679d8cf0beb779f1d2263075ba78793bbab5a0e211533b
connectivity_log	76b43983f90eed6765004f24a0c27a9f03d57bb324f4bbcd834d3d37e7385a35
dns_resolution_times	f731597864ecf59c27d9de5ee8f430ec4eb5f4759156af4b551beca47b81f4e1

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	12.2	21.15	10.93	20.91	-1.3
Google	IPv4	52.99	204.84	33.27	34.04	-19.7
Google	IPv6	32.85	33.8	19.69	21.06	-13.2
Cloudflare	IPv4	18.82	253.95	12.13	22.51	-6.7
Cloudflare	IPv6	21.73	31.57	11.99	72.73	-9.7

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 4590
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
iflix.com. 575 IN CNAME ins-hewub8c0.ias.tencent-cloud.net.
ins-hewub8c0.ias.tencent-cloud.net. 120 IN A 43.154.240.111
ins-hewub8c0.ias.tencent-cloud.net. 120 IN A 43.155.124.23
ins-hewub8c0.ias.tencent-cloud.net. 120 IN A 43.135.105.98
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 1597
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com. 888 IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1783106771 1800 900 604800 900
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 59936
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
iflix.com. 574 IN CNAME ins-hewub8c0.ias.tencent-cloud.net.

;; AUTHORITY SECTION:
tencent-cloud.net. 154 IN SOA ns-open1.qq.com. webmaster.qq.com. 1773630553 300 600 86400 180
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 62956
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
iflix.com. 575 IN CNAME ins-hewub8c0.ias.tencent-cloud.net.

;; AUTHORITY SECTION:
tencent-cloud.net. 155 IN SOA ns-open1.qq.com. webmaster.qq.com. 1773630553 300 600 86400 180
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 13455
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
iflix.com. 574 IN CNAME ins-hewub8c0.ias.tencent-cloud.net.

;; AUTHORITY SECTION:
tencent-cloud.net. 154 IN SOA ns-open1.qq.com. webmaster.qq.com. 1773630553 300 600 86400 180
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 62795
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 1, ADDITIONAL: 1

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

```
iflix.com. IN CNAME ins-hewub8c0.ias.tencent-cloud.net.  
  
;; AUTHORITY SECTION:  
tencent-cloud.net. IN SOA ns-open1.qq.com. webmaster.qq.com. 1773630553 300 600 86400 180
```

RRSIG

```
ns3.dnsv4.com. enterprise2dnsadmin.dnspod.com. 1782984744 3600 180 1209600 180
```

DNSKEY

```
;; Got answer:  
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 20320  
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 1, ADDITIONAL: 1  
  
;; OPT PSEUDOSECTION:  
; EDNS: version: 0, flags:; udp: 1232  
;; ANSWER SECTION:  
iflix.com. IN CNAME ins-hewub8c0.ias.tencent-cloud.net.  
  
;; AUTHORITY SECTION:  
tencent-cloud.net. IN SOA ns-open1.qq.com. webmaster.qq.com. 1773630553 300 600 86400 180
```

DNSSEC_VALIDATION

```
; unsigned answer  
iflix.com. IN SOA ns3.dnsv4.com. enterprise2dnsadmin.dnspod.com. 1782984744 3600 180 1209600 180
```



```

cDIuZ2xvYmFsc2lnbi5jb20vc9vdHIzMDsGCCsGAUQFBzAChi9odHRwOi8vc2Vj
dXJlLmdsb2JhbHNpZ24uY29tL2NhY2VydC9yb290LXIzLmNydA2BgNVHR8ELZAt
MCugKAAnhiVodHRwOi8vY3J3Smdsb2JhbHNpZ24uY29tL3Jvb3QtcmuY3J3MCEG
A1UdIAQaMBgwCAYGZ4EMAQICMAwGCisGAQQBoDICAQIwDQYJKoZIhvcNAQELBQAD
ggEBAADtC+KuzEXDbnznM+RmF4MboUUmR8QWb706EmMhVQgyp4VRoDGQk4YZLP7k
4nr7bVmr0uie/jviszRTUjdWgZqFMwclmg/MZ6qhar+9TpoDTRlefo75jZgwX/HK
loryPKNOct+1UKY9E/b6LVi/K0qX4ImS4n0fx6t5XMmGk2RcwcErCk+d4n4kwqz6
5LVvYw6K4cbu2VICfB32y61Vb0+87WKK043szT+ybe9XC84LFj9bLSzV9ngXC1TR
XtFvuSs13CaWUSGacPh0u5yCzebBnoHinM21zhrERKt/K/LMYCwgYq1Rz7xf/8D+
UG0mQv9ZD87UhKb/2UHKjmtkXjE=
-----END CERTIFICATE-----
2 s:OU = GlobalSign Root CA - R3, O = GlobalSign, CN = GlobalSign
i:OU = GlobalSign Root CA - R3, O = GlobalSign, CN = GlobalSign
a:PKKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
v:NotBefore: Mar 18 10:00:00 2009 GMT; NotAfter: Mar 18 10:00:00 2029 GMT
-----BEGIN CERTIFICATE-----
MIIDxzCCAkegAwIBAgILBAAAAAABIVhTCKIwDQYJKoZIhvcNAQELBQAwTDEgMB4G
A1UECzMXR2xvYmFsc2lnbi5jb20vc9vdHIzMDsGCCsGAUQFBzAChi9odHRwOi8v
Z24uY29tL2NhY2VydC9yb290LXIzLmNydA2BgNVHR8ELZAtMCugKAAnhiVodHRw
Oi8vY3J3Smdsb2JhbHNpZ24uY29tL3Jvb3QtcmuY3J3MCEG
A1UdIAQaMBgwCAYGZ4EMAQICMAwGCisGAQQBoDICAQIwDQYJKoZIhvcNAQELBQAD
ggEBAADtC+KuzEXDbnznM+RmF4MboUUmR8QWb706EmMhVQgyp4VRoDGQk4YZLP7k
4nr7bVmr0uie/jviszRTUjdWgZqFMwclmg/MZ6qhar+9TpoDTRlefo75jZgwX/HK
loryPKNOct+1UKY9E/b6LVi/K0qX4ImS4n0fx6t5XMmGk2RcwcErCk+d4n4kwqz6
5LVvYw6K4cbu2VICfB32y61Vb0+87WKK043szT+ybe9XC84LFj9bLSzV9ngXC1TR
XtFvuSs13CaWUSGacPh0u5yCzebBnoHinM21zhrERKt/K/LMYCwgYq1Rz7xf/8D+
UG0mQv9ZD87UhKb/2UHKjmtkXjE=
-----END CERTIFICATE-----

```

IPv6 Connection

IP Used	2600:9000:2153:3000:3:c339:6840:93a1
IP Version	6

```

40078FAD51760000:error:0A000410:SSL routines:ssl3_read_bytes:sslv3 alert handshake failure:../ssl/record/rec_layer_s3.c:1599:SSL alert number 40
CONNECTED(00000010)
---
no peer certificate available
---
No client certificate CA names sent
---
SSL handshake has read 7 bytes and written 311 bytes
Verification: OK
---
New, (NONE), Cipher is (NONE)
Secure Renegotiation IS NOT supported
Compression: NONE
Expansion: NONE
No ALPN negotiated
Early data was not sent
Verify return code: 0 (ok)
---

```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	65.8.76.35
Connect Time	97.49 ms
TTFB	290.24 ms
Total Time	290.39 ms

Response Headers:

```
{
  "0": "HTTP/1.1 302 Moved Temporarily",
  "1": "Server: stgw",
  "2": "Date: Fri, 03 Jul 2026 19:26:52 GMT",
  "3": "Content-Type: text/html",
  "4": "Content-Length: 137",
  "5": "Connection: keep-alive",
  "6": "Location: https://iflix.com/",
  "8": "HTTP/2 302",
  "9": "server: stgw",
  "10": "date: Fri, 03 Jul 2026 19:26:52 GMT",
  "11": "content-type: text/html",
  "12": "content-length: 137",
  "13": "location: https://www.iflix.com/",
  "15": "HTTP/2 200",
  "16": "content-type: text/html; charset=utf-8",
  "17": "content-length: 387886",
  "18": "date: Fri, 03 Jul 2026 19:26:46 GMT",
  "19": "set-cookie: country_code=153576; path=/; expires=Sat, 04 Jul 2026 19:26:46 GMT; domain=.iflix.com",
  "20": "set-cookie: lang_code=1491988; path=/; expires=Sun, 02 Aug 2026 19:26:46 GMT; domain=.iflix.com",
  "21": "set-cookie: guid=29b96e12e167d29da5240b8551a15156; path=/; expires=Mon, 30 Jun 2036 19:26:46 GMT; domain=.iflix.com",
  "22": "set-cookie: video_guid=29b96e12e167d29da5240b8551a15156; path=/; expires=Mon, 30 Jun 2036 19:26:46 GMT; domain=.iflix.com",
  "23": "set-cookie: uin=29b96e12e167d29da5240b8551a15156; path=/; expires=Mon, 30 Jun 2036 19:26:46 GMT; domain=.iflix.com",
  "24": "set-cookie: wetv_lang=en; path=/; expires=Sun, 02 Aug 2026 19:26:46 GMT; domain=.iflix.com",
  "25": "set-cookie: wetv_pt=v; path=/; expires=Sun, 02 Aug 2026 19:26:46 GMT; domain=.iflix.com",
  "26": "set-cookie: video_appid=1200016; path=/; expires=Mon, 30 Jun 2036 19:26:46 GMT; domain=.iflix.com",
  "27": "cache-control: public,max-age=63",
  "28": "content-security-policy: frame-ancestors 'self'",
  "29": "x-frame-options: sameorigin",
  "30": "x-content-type-options: nosniff",
  "31": "x-content-type-options: nosniff",
  "32": "x-powered-by: Next.js",
  "33": "etag: \"5eb2e-8Da308LD29LAem57r0y0dcGgR1c\"",
  "34": "vary: Accept-Encoding",
  "35": "x-cache: Hit from cloudfront",
  "36": "via: 1.1 5d84e84cd52089d57c69fd340344e3d2.cloudfront.net (CloudFront)",
  "37": "x-amz-cf-pop: SIN3-P1",
  "38": "x-amz-cf-id: dialN00HXJmmdUHHFqjUyZtQqFLtrobyvXG8o25JT64_QlG2g6Su4g==",
  "39": "age: 6"
}
```

IPv6 HTTP (port 80)

HTTP Status	403
Connected IP	2600:9000:2153:3000:3:c339:6840:93a1
Connect Time	7.46 ms
TTFB	15.23 ms
Total Time	15.28 ms

Response Headers:

```
[
  "HTTP/1.1 403 Forbidden",
  "Server: CloudFront",
  "Date: Fri, 03 Jul 2026 19:26:52 GMT",
  "Content-Type: text/html",
  "Content-Length: 915",
  "Connection: keep-alive",
  "X-Cache: Error from cloudfront",
  "Via: 1.1 990ff2e7cef64645c91b8614b89f48e6.cloudfront.net (CloudFront)",
  "X-Amz-Cf-Pop: SIN3-P1",

```

```
"X-Amz-Cf-Id: 87xF6c04GZTeS1FNE6Z7PwR0ziCKiy9D5-Ag0sQ4vy8nxd0K0hbr5w=="
]
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	65.8.76.81
Connect Time	50.82 ms
TTFB	195.65 ms
Total Time	195.75 ms

Response Headers:

```
{
  "0": "HTTP/2 302",
  "1": "server: stgw",
  "2": "date: Fri, 03 Jul 2026 19:26:52 GMT",
  "3": "content-type: text/html",
  "4": "content-length: 137",
  "5": "location: https://www.iflix.com/",
  "7": "HTTP/2 200",
  "8": "content-type: text/html; charset=utf-8",
  "9": "content-length: 387886",
  "10": "date: Fri, 03 Jul 2026 19:26:46 GMT",
  "11": "set-cookie: country_code=153576; path=/; expires=Sat, 04 Jul 2026 19:26:46 GMT; domain=.iflix.com",
  "12": "set-cookie: lang_code=1491988; path=/; expires=Sun, 02 Aug 2026 19:26:46 GMT; domain=.iflix.com",
  "13": "set-cookie: guid=29b96e12e167d29da5240b8551a15156; path=/; expires=Mon, 30 Jun 2036 19:26:46 GMT; domain=.iflix.com",
  "14": "set-cookie: video_guid=29b96e12e167d29da5240b8551a15156; path=/; expires=Mon, 30 Jun 2036 19:26:46 GMT; domain=.iflix.com",
  "15": "set-cookie: uin=29b96e12e167d29da5240b8551a15156; path=/; expires=Mon, 30 Jun 2036 19:26:46 GMT; domain=.iflix.com",
  "16": "set-cookie: wetv_lang=en; path=/; expires=Sun, 02 Aug 2026 19:26:46 GMT; domain=.iflix.com",
  "17": "set-cookie: wetv_pt=v; path=/; expires=Sun, 02 Aug 2026 19:26:46 GMT; domain=.iflix.com",
  "18": "set-cookie: video_appid=1200016; path=/; expires=Mon, 30 Jun 2036 19:26:46 GMT; domain=.iflix.com",
  "19": "cache-control: public,max-age=63",
  "20": "content-security-policy: frame-ancestors 'self'",
  "21": "x-frame-options: sameorigin",
  "22": "x-content-type-options: nosniff",
  "23": "x-content-type-options: nosniff",
  "24": "x-powered-by: Next.js",
  "25": "etag: \"5eb2e-8Da308LD29LAem57r0y0dcGgR1c\"",
  "26": "vary: Accept-Encoding",
  "27": "x-cache: Hit from cloudfront",
  "28": "via: 1.1 919clcf6445ad4c37fa4d418864abc1a.cloudfront.net (CloudFront)",
  "29": "x-amz-cf-pop: SIN3-P1",
  "30": "x-amz-cf-id: 2czq4x3iLUanvNJm-Ls5Q7aVfGtJ0iMxLbjaAnG0059Q00cVpzZiw==",
  "31": "age: 6"
}
```

IPv6 HTTPS (port 443)

HTTP Status	0
Connected IP	2600:9000:2153:3000:3:c339:6840:93a1
Connect Time	7.04 ms
TTFB	0 ms
Total Time	15.13 ms
Error	OpenSSL/3.0.13: error:0A000410:SSL routines::ssl3 alert handshake failure

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	302 0.041998 0.083781
TCP Connect IPv6 → port 80	403 0.007400 0.015727
TCP Connect IPv4 → port 443	302 0.042177 0.173148
TCP Connect IPv6 → port 443	000 0.007831 0.000000

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
```