


IPv6 Readiness Report

iflix.com — iflix.com

Category: Streaming • Generated: 25 Apr 2026, 18:30 MYT • Last Checked: 07 Mar 2026, 01:17 MYT • Verification ID: 24a1a8db-dc2d-48b5-b0eb-1cbef13769af
Report generated from National IPv6 Readiness Monitor — <https://ipv6.my6.my>
Audit trail: <https://ipv6.my6.my/audit/24a1a8db-dc2d-48b5-b0eb-1cbef13769af>

 Non-Compliant <small>MGv6C-1.0</small>	43% Partial Support	IPv6-ONLY READINESS Website: ✗ Not Ready DNS: ✗ Not Ready Email: ✗ Not Ready
---	--------------------------------------	---

IPv6 ADDRESSES
2600:9000:2153:f200:3:c339:6840:93a1
2600:9000:2153:4e00:3:c339:6840:93a1
2600:9000:2153:aa00:3:c339:6840:93a1
2600:9000:2153:c800:3:c339:6840:93a1
2600:9000:2153:3200:3:c339:6840:93a1
2600:9000:2153:9c00:3:c339:6840:93a1
2600:9000:2153:2c00:3:c339:6840:93a1
2600:9000:2153:3800:3:c339:6840:93a1

IPv4 ADDRESSES
43.154.240.111
43.155.124.23
43.135.105.98

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	43.154.0.0/16

Web Services (35%) 4 / 8			
#	CHECK	RESULT	DETAIL
1	AAAA Record	PASS	2600:9000:2153:f200:3:c339:6840:93a1, 2600:9000:2153:4e00:3:c339:6840:93a1, 2600:9000:2153:aa00:3:c339:6840:93a1, 2600:9000:2153:c800:3:c339:6840:93a1, 2600:9000:2153:3200:3:c339:6840:93a1, 2600:9000:2153:9c00:3:c339:6840:93a1, 2600:9000:2153:2c00:3:c339:6840:93a1, 2600:9000:2153:3800:3: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%) 2 / 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.

#	CHECK	RESULT	DETAIL
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	PASS	DS record found at parent zone.
7	RRSIG Valid	FAIL	No valid RRSIG found.
8	Signing Algorithm	INFO	No DNSKEY record found.

Email Services (25%) 0 / 6

#	CHECK	RESULT	DETAIL
1	MX Record Exists	FAIL	No MX record found in DNS.
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	FAIL	No 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	43.154.240.111, 43.155.124.23, 43.135.105.98
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 424ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 176ms TTFB.

Audit Trail & Evidence Record

Verification ID	24a1a8db-dc2d-48b5-b0eb-1cbef13769af
Domain	iflix.com
Check Mode	Manual
Status	Completed
Started	07 Mar 2026, 01:16:49 MYT
Finished	07 Mar 2026, 01:17:21 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/24a1a8db-dc2d-48b5-b0eb-1cbef13769af

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	9da8f6543f74112497d3bc33e703dcf0a686e76c6a3d1ac3a1560efd3abe8863
http_headers	2d07d1dc23ff81eb053405c6bf46fc1cfdcaca5b85d354cb052798521895ae61
dns_responses	b0fb578b83b5f39bc409e9a175466118400775fed2e2fe2b27729893a28c076b
tls_handshake	d62752ef09b5705b35e45f0275a70a877cea70bd7fb912c2ced772d805914332
connectivity_log	ec6e7d1e377fe250e1c57b058844e429976684b87fe28e7e3bc606f301414772
dns_resolution_times	2dead09daf39ed8975b0b1b8122105a60883af00069f367c37ad124331c6be07

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	10.22	12.39	20.82	28.24	+10.6
Google	IPv4	27.61	29.76	22.27	22.89	-5.3
Google	IPv6	33.68	34.38	24.81	31.05	-8.9
Cloudflare	IPv4	13.68	20.06	18.99	19.96	+5.3
Cloudflare	IPv6	15.86	18.88	16.93	25.21	+1.1

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 39507
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
iflix.com. 346 IN CNAME ins-hewub8c0.ias.tencent-cloud.net.
ins-hewub8c0.ias.tencent-cloud.net. 120 IN A 43.135.105.98
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
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 61894
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
iflix.com. 345 IN CNAME ins-hewub8c0.ias.tencent-cloud.net.

;; AUTHORITY SECTION:
tencent-cloud.net. 294 IN SOA ns-open1.qq.com. webmaster.qq.com. 1339049520 300 600 86400 300
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 5229
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
iflix.com. 293 IN CNAME ins-hewub8c0.ias.tencent-cloud.net.

;; AUTHORITY SECTION:
tencent-cloud.net. 300 IN SOA ns-open1.qq.com. webmaster.qq.com. 1339049520 300 600 86400 300
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 43958
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
iflix.com. 293 IN CNAME ins-hewub8c0.ias.tencent-cloud.net.

;; AUTHORITY SECTION:
tencent-cloud.net. 300 IN SOA ns-open1.qq.com. webmaster.qq.com. 1339049520 300 600 86400 300
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 27277
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
iflix.com. 34 IN CNAME ins-hewub8c0.ias.tencent-cloud.net.

;; AUTHORITY SECTION:
tencent-cloud.net. 300 IN SOA ns-open1.qq.com. webmaster.qq.com. 1339049520 300 600 86400 300
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 30851
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 1, ADDITIONAL: 1
```

```
;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
iflix.com. 95 IN CNAME ins-hewub8c0.ias.tencent-cloud.net.

;; AUTHORITY SECTION:
tencent-cloud.net. 300 IN SOA ns-open1.qq.com. webmaster.qq.com. 1339049520 300 600 86400 300
```

RRSIG

```
ins-hewub8c0.ias.tencent-cloud.net.
```

DNSKEY

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 2401
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
iflix.com. 292 IN CNAME ins-hewub8c0.ias.tencent-cloud.net.

;; AUTHORITY SECTION:
tencent-cloud.net. 300 IN SOA ns-open1.qq.com. webmaster.qq.com. 1339049520 300 600 86400 300
```

DNSSEC_VALIDATION

```
;; shut down hung fetch while resolving 'iflix.com/SOA'
;; resolution failed: operation canceled
```



```

5i+8SompKcVtIPwY+ZwQ0n2puNpVJ6ZgYDYNE9PTmBEYeRPvpxksMTiVdXXA22
hAsXZVawLR1/iJXLqmf80UvShmzLXhkR6ymKK0edoJcXDzpgEK3g0cRVCaw8Ij8K
9nU72msIrhMrMBkAvg0AQEzLGGGWSk92FztzeUuYo4MGCgLOHDEJ0B5hf4V+h/Ct
Wuho/roYqUueoHsVMUXPwwGspahGoDLWh9nZ4zRssCE/zXJRYtkpLZaUc/55A0zu
7F4UatHP1xVfrHkxHT0uCJ7iCyc5B/D1SLpU0FzZ7MfF0eANhB0iLFbFzJ/gXPA9
dWCYP0kqkkcLcn5hRHQxArGkP+VzZuayTVCbHK5tbZ/ZeQ3gnyEopwtq1D077dLv
wZLfn0HA1tzTFYLkATE8VC/xtaSi2tyBoXX+kuvLd/552914gA8+Jw4gM+aYD3y5
LQCD/6c27beRta2DXC8y4nG1mC2jdyurw/+KxGMKLfDuAeGs9om+kqM5JdJXwUBW
L13+00H8V02omIsoZVijBoe6J6r8hzAvg2qz8yIdjG3c+K+clbwmT50x5x3PHnx
Ab1dKZPfwGq+TiSx7XcCAwEAAa0CAX4wggF6MBIGA1UdEwEB/wQIMAYBAf8CAQAw
HQYDR00BBYEFcsjFoEbR4mKkHrs6DLUBI5y+c4LMB8GA1UdIwYMBaAFE4iVCAY
leb3buYP+vq5Eu0GF485MA4GA1UdDwEB/wQEAwIBhjAdBgNVHSUEFjAUBgggrBgEF
BQcDAQYIKwYBBQUHAWIwdAYIKwYBBQUHAQEEdBmMCMGCCsGAQUFBzABhhdodHRw
O18vb2NzC5kaWdpY2VydC5jb2A/BggrBgEFBQcwoAoYzaHR0cDovL2NhY2VydHMu
ZGlnaWNaWlcnQuY24vRGlnaUNLcnRhbG9iYWxSb290RzIuY3J0MEAGA1UdHwQ5MDcw
NaAzoDGL2h0dHA6Ly9jcmwuZGlnaWNaWlcnQuY24vRGlnaUNLcnRhbG9iYWxSb290
RzIuY3J0MEAGA1UdIAQMDQcwCwYJYIZIAyB9bAIBMAcGBWeBDAEBMAGBmeBDAEC
ATAIBgZngQwBAgIwCAYGZ4EMAQIDMA0GCsq6S1b3DQEBcUAA4IBAQCkniKR2cLY
bEKTe5mh430LVsE62e+yNGFG286R0IW+nKjMEhC99U5ggtp1cJXAZpzsTF4Y7kcT
g3LsVvnbVwmEDm8yr3YHAg97s/JGnwcJNEg4NqmxAEY+hy7mIyYVbKSEjWRSxjt
iDfaBkwNzFb6fT16xLxEK5LpCpyW56+2mRwsbNt7C/AaiTvhIiz08zJgiff3k4S
SgRfj0nCrCkaakxpm0EDTG3AV7LinTsmQqN1Ca8LsP1umvA65Lk524bdCpT0KM0
CmAYLruY0BtvGLi8JrUWhUqi4lLnDUgqFNDEExKmQ/OL60AJZxXKjZyFaceQEGH
iRipdqMuIo5
-----END CERTIFICATE-----
Server certificate
subject=C = CN, ST = Guangdong Province, L = Shenzhen, O = Tencent Technology (Shenzhen) Company Limited, CN = *.wetv.vip

```

IPv6 Connection

IP Used	2600:9000:2153:f200:3:c339:6840:93a1
IP Version	6

```

40071496DB710000: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	18.161.179.61
Connect Time	78.24 ms
TTFB	242.43 ms
Total Time	242.53 ms

Response Headers:

```
{
  "0": "HTTP/1.1 302 Moved Temporarily",
  "1": "Server: stgw",
  "2": "Date: Fri, 06 Mar 2026 09:17:20 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, 06 Mar 2026 09:17:20 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: 383998",
  "18": "date: Fri, 06 Mar 2026 09:17:04 GMT",
  "19": "set-cookie: country_code=153576; path=/; expires=Sat, 07 Mar 2026 09:17:04 GMT; domain=.iflix.com",
  "20": "set-cookie: lang_code=1491988; path=/; expires=Sun, 05 Apr 2026 09:17:04 GMT; domain=.iflix.com",
  "21": "set-cookie: guid=02117e746720b9bc542bb883ffe47c05; path=/; expires=Mon, 03 Mar 2036 09:17:04 GMT; domain=.iflix.com",
  "22": "set-cookie: video_guid=02117e746720b9bc542bb883ffe47c05; path=/; expires=Mon, 03 Mar 2036 09:17:04 GMT; domain=.iflix.com",
  "23": "set-cookie: uin=02117e746720b9bc542bb883ffe47c05; path=/; expires=Mon, 03 Mar 2036 09:17:04 GMT; domain=.iflix.com",
  "24": "set-cookie: wetv_lang=en; path=/; expires=Sun, 05 Apr 2026 09:17:04 GMT; domain=.iflix.com",
  "25": "set-cookie: wetv_pt=v; path=/; expires=Sun, 05 Apr 2026 09:17:04 GMT; domain=.iflix.com",
  "26": "set-cookie: video_appid=1200016; path=/; expires=Mon, 03 Mar 2036 09:17:04 GMT; domain=.iflix.com",
  "27": "cache-control: public,max-age=60",
  "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: \"5dbfe-x7fWrJR+UNfjucZH7T3vzi8k0lk\"",
  "34": "vary: Accept-Encoding",
  "35": "x-cache: Hit from cloudfront",
  "36": "via: 1.1 7a038cc512aaf50107be210c45917c28.cloudfront.net (CloudFront)",
  "37": "x-amz-cf-pop: KUL50-P1",
  "38": "x-amz-cf-id: EBVzuzQs-05NC2RyVJm-fvNkrMTyuT90o-05Co1wptot4hzudKc10==",
  "39": "age: 16"
}
```

IPv6 HTTP (port 80)

HTTP Status	403
Connected IP	2600:9000:2153:f200:3:c339:6840:93a1
Connect Time	7.99 ms
TTFB	15.91 ms
Total Time	15.93 ms

Response Headers:

```
[
  "HTTP/1.1 403 Forbidden",
  "Server: CloudFront",
  "Date: Fri, 06 Mar 2026 09:17:20 GMT",
  "Content-Type: text/html",
  "Content-Length: 915",
  "Connection: keep-alive",
  "X-Cache: Error from cloudfront",
  "Via: 1.1 4ce1dff975b96d2d87df79a02b45ada.cloudfront.net (CloudFront)",
  "X-Amz-Cf-Pop: SIN3-P1",
]
```

```
"X-Amz-Cf-Id: pgbalPaLfHiJ7yVtjXywxkz5Imp4btgwTFffL-Gurc5TSX45h1Pr9Q=="
]
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	18.161.179.61
Connect Time	42.47 ms
TTFB	169.26 ms
Total Time	169.33 ms

Response Headers:

```
{
  "0": "HTTP/2 302",
  "1": "server: stgw",
  "2": "date: Fri, 06 Mar 2026 09:17:20 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: 383998",
  "10": "date: Fri, 06 Mar 2026 09:17:04 GMT",
  "11": "set-cookie: country_code=153576; path=/; expires=Sat, 07 Mar 2026 09:17:04 GMT; domain=.iflix.com",
  "12": "set-cookie: lang_code=1491988; path=/; expires=Sun, 05 Apr 2026 09:17:04 GMT; domain=.iflix.com",
  "13": "set-cookie: guid=02117e746720b9bc542bb883ffe47c05; path=/; expires=Mon, 03 Mar 2036 09:17:04 GMT; domain=.iflix.com",
  "14": "set-cookie: video_guid=02117e746720b9bc542bb883ffe47c05; path=/; expires=Mon, 03 Mar 2036 09:17:04 GMT; domain=.iflix.com",
  "15": "set-cookie: uin=02117e746720b9bc542bb883ffe47c05; path=/; expires=Mon, 03 Mar 2036 09:17:04 GMT; domain=.iflix.com",
  "16": "set-cookie: wetv_lang=en; path=/; expires=Sun, 05 Apr 2026 09:17:04 GMT; domain=.iflix.com",
  "17": "set-cookie: wetv_pt=v; path=/; expires=Sun, 05 Apr 2026 09:17:04 GMT; domain=.iflix.com",
  "18": "set-cookie: video_appid=1200016; path=/; expires=Mon, 03 Mar 2036 09:17:04 GMT; domain=.iflix.com",
  "19": "cache-control: public,max-age=60",
  "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: \"5dbfe-x7fWrJR+UNfjucZH7T3vzi8k0lk\"",
  "26": "vary: Accept-Encoding",
  "27": "x-cache: Hit from cloudfront",
  "28": "via: 1.1 cbc767a07e6ee19a4f971b9087870320.cloudfront.net (CloudFront)",
  "29": "x-amz-cf-pop: KUL50-P1",
  "30": "x-amz-cf-id: r4frEMJ_EAs4u_iYghVThSckSmYkSqtD2khtDzgwWhyc-xdq0omeTQ==",
  "31": "age: 16"
}
```

IPv6 HTTPS (port 443)

HTTP Status	0
Connected IP	2600:9000:2153:f200:3:c339:6840:93a1
Connect Time	7.11 ms
TTFB	0 ms
Total Time	15.42 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 0.039208 0.079289
TCP Connect IPv6 → port 80	403 0.007556 0.014700
TCP Connect IPv4 → port 443	302 0.038418 0.158582
TCP Connect IPv6 → port 443	000 0.007101 0.000000

Test Node Network Evidence

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

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
```