

IPv6 Readiness Report

iflix.com — iflix.com



Scan to verify

Category: Streaming • Generated: 13 Jun 2026, 19:22 MYT • Last Checked: 13 Jun 2026, 01:05 MYT • Verification ID: 9017f31a-bdad-4608-8faf-5cf69e03ce0e

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

Audit trail: <https://ipv6.my6.my/audit/9017f31a-bdad-4608-8faf-5cf69e03ce0e>

<p>X</p> <p>Non-Compliant</p> <p>MGv6C-1.0</p>	<p>43%</p> <p>No IPv6 Support</p>	<p>IPv6-ONLY READINESS</p> <p>Website: X Not Ready</p> <p>DNS: X Not Ready</p> <p>Email: X Not Ready</p>
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IPv6 ADDRESSES

```
2600:9000:2085:be00:3:c339:6840:93a1
2600:9000:2085:c00:3:c339:6840:93a1
2600:9000:2085:6400:3:c339:6840:93a1
2600:9000:2085:9800:3:c339:6840:93a1
2600:9000:2085:dc00:3:c339:6840:93a1
2600:9000:2085:8a00:3:c339:6840:93a1
2600:9000:2085:3a00:3:c339:6840:93a1
2600:9000:2085:2e00:3:c339:6840:93a1
```

IPv4 ADDRESSES

```
43.156.222.119
43.156.222.81
```

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	43.156.0.0/16

Web Services (35%) 4 / 8

#	CHECK	RESULT	DETAIL
1	AAAA Record	PASS	2600:9000:2085:be00:3:c339:6840:93a1, 2600:9000:2085:c00:3:c339:6840:93a1, 2600:9000:2085:6400:3:c339:6840:93a1, 2600:9000:2085:9800:3:c339:6840:93a1, 2600:9000:2085:dc00:3:c339:6840:93a1, 2600:9000:2085:8a00:3:c339:6840:93a1, 2600:9000:2085:3a00:3:c339:6840:93a1, 2600:9000:2085:2e00:3:c339:6840:93a1
2	Globally Routable IPv6	PASS	All addresses are globally routable.
3	HTTP over IPv6	PASS	HTTP (port 80) responds over IPv6 — 17ms 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.

#	CHECK	RESULT	DETAIL
2	NS Reachable via IPv6	PASS	Nameserver is reachable via IPv6 on port 53.
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%) 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	43.156.222.119, 43.156.222.81
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 190ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 57ms TTFB.

Audit Trail & Evidence Record

Verification ID	9017f31a-bdad-4608-8faf-5cf69e03ce0e
Domain	iflix.com
Check Mode	Scheduled
Status	Completed
Started	13 Jun 2026, 01:05:45 MYT
Finished	13 Jun 2026, 01:05:51 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/9017f31a-bdad-4608-8faf-5cf69e03ce0e

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	10328c16814000ec636cc82440a1c124603f7aaaabe4a2f81ec3c3683edd940a
http_headers	3fc6e9090093284a27cd6c93f8da448928ee132a8d6f165724f3dabc463c0a74
dns_responses	380a95b7359597a15c1d8559c67b776ddf4bccf7a033b4d5e792b67bc639e6f8
tls_handshake	79fe6b4d481f929bad44709e6dcef643151e73434dbd7484b2b41c6fb751172c
connectivity_log	5f8970acd1fe435b5a3db5f2b13380854130f68dfb391d30396b164f7e5966
dns_resolution_times	bee928d036d0eb3e0b699f84b1166d66b8d0ed63879a02704042439b46535461

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	-

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	25.8	26.91	11.31	18.77	-14.5
Google	IPv4	44.23	56.28	33.41	41.04	-10.8
Google	IPv6	22.18	32.75	35.75	37.92	+13.6
Cloudflare	IPv4	22.06	24.16	12.48	20.32	-9.6
Cloudflare	IPv6	27.91	29.39	20.33	21.62	-7.6

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 39994
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
iflix.com. 597 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: 16647
;; 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. 1781283928 1800 900 604800 900
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 40178
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
iflix.com. 597 IN CNAME ins-hewub8c0.ias.tencent-cloud.net.

;; AUTHORITY SECTION:
tencent-cloud.net. 177 IN SOA ns-open1.qq.com. webmaster.qq.com. 1773630553 300 600 86400 180
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 38976
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
iflix.com. 597 IN CNAME ins-hewub8c0.ias.tencent-cloud.net.

;; AUTHORITY SECTION:
tencent-cloud.net. 177 IN SOA ns-open1.qq.com. webmaster.qq.com. 1773630553 300 600 86400 180
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 65466
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
iflix.com. 596 IN CNAME ins-hewub8c0.ias.tencent-cloud.net.

;; AUTHORITY SECTION:
tencent-cloud.net. 176 IN SOA ns-open1.qq.com. webmaster.qq.com. 1773630553 300 600 86400 180
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 59584
;; 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. 1770277043 3600 180 1209600 180
```

DNSKEY

```
;; Got answer:  
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 39930  
;; 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. 1770277043 3600 180 1209600 180
```



```

cDIuZ2xvYmFsc2lnbi5jb20vc9vdHIzMDsGCCsGAQUFBzAChi9odHRwOi8vc2Vj
dXJlLmdsb2JhbHNpZ24uY29tL2NhY2VydC9yb290LXIzLmNydA2BgNVHR8ELZAt
MCugKAAnhiVodHRwOi8vY3J3Smdsb2JhbHNpZ24uY29tL3Jvb3QtcjMuY3J3MCEG
A1UdIAQAMBgwCAYGZ4EMAQICMAwGCisGAQQBoDICAQIwDQYJKoZIhvcNAQELBQAD
ggEBAADtC+KuzEXDbnznM+RmF4MboUUmR8QWb706EmMmHVQgyp4VRoDGQk4YZLP7k
4nr7bVmr0uie/jviszRTUjdWgZqFMwclmg/MZ6qhar+9TpoDTRlefo75jZgwX/HK
loryPKNOct+1UKY9E/b6LVi/K0qX4ImS4n0fx6t5XMmGk2RcwcErCk+d4n4kwqz6
5LVvYw6K4cbu2VICfB32y61Vb0+87WKK043szT+ybe9XC84LFj9bLSzV9ngXC1TR
XtFvuSs13CaWUSGacPh0u5yCzebNoHinM21zhrERKt/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
A1UECgMR2xvYmFsc2lnbi5jb20vc9vdHIzMDsGCCsGAQUFBzAChi9odHRwOi8v
Z24uY29tL2NhY2VydC9yb290LXIzLmNydA2BgNVHR8ELZAtMCugKAAnhiVodHRw
Oi8vY3J3Smdsb2JhbHNpZ24uY29tL3Jvb3QtcjMuY3J3MCEG
A1UdIAQAMBgwCAYGZ4EMAQICMAwGCisGAQQBoDICAQIwDQYJKoZIhvcNAQELBQAD
ggEBAADtC+KuzEXDbnznM+RmF4MboUUmR8QWb706EmMmHVQgyp4VRoDGQk4YZLP7k
4nr7bVmr0uie/jviszRTUjdWgZqFMwclmg/MZ6qhar+9TpoDTRlefo75jZgwX/HK
loryPKNOct+1UKY9E/b6LVi/K0qX4ImS4n0fx6t5XMmGk2RcwcErCk+d4n4kwqz6
5LVvYw6K4cbu2VICfB32y61Vb0+87WKK043szT+ybe9XC84LFj9bLSzV9ngXC1TR
XtFvuSs13CaWUSGacPh0u5yCzebNoHinM21zhrERKt/K/LMYCwgYq1Rz7xf/8D+
UG0mQv9ZD87UhKb/2UHKjmtkXjE=
-----END CERTIFICATE-----

```

IPv6 Connection

IP Used	2600:9000:2085:be00:3:c339:6840:93a1
IP Version	6

```

4087EB5479770000: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	18.161.179.85
Connect Time	18.63 ms
TTFB	62.32 ms
Total Time	62.42 ms

Response Headers:

```
{
  "0": "HTTP/1.1 302 Moved Temporarily",
  "1": "Server: stgw",
  "2": "Date: Fri, 12 Jun 2026 17:05:51 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, 12 Jun 2026 17:05:51 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: 392238",
  "18": "date: Fri, 12 Jun 2026 17:05:48 GMT",
  "19": "set-cookie: country_code=153576; path=/; expires=Sat, 13 Jun 2026 17:05:48 GMT; domain=.iflix.com",
  "20": "set-cookie: lang_code=1491988; path=/; expires=Sun, 12 Jul 2026 17:05:48 GMT; domain=.iflix.com",
  "21": "set-cookie: guid=6fd05d0739f5ec28bfd2190e81a5a973; path=/; expires=Mon, 09 Jun 2036 17:05:48 GMT; domain=.iflix.com",
  "22": "set-cookie: video_guid=6fd05d0739f5ec28bfd2190e81a5a973; path=/; expires=Mon, 09 Jun 2036 17:05:48 GMT; domain=.iflix.com",
  "23": "set-cookie: uin=6fd05d0739f5ec28bfd2190e81a5a973; path=/; expires=Mon, 09 Jun 2036 17:05:48 GMT; domain=.iflix.com",
  "24": "set-cookie: wetv_lang=en; path=/; expires=Sun, 12 Jul 2026 17:05:48 GMT; domain=.iflix.com",
  "25": "set-cookie: wetv_pt=v; path=/; expires=Sun, 12 Jul 2026 17:05:48 GMT; domain=.iflix.com",
  "26": "set-cookie: video_appid=1200016; path=/; expires=Mon, 09 Jun 2036 17:05:48 GMT; domain=.iflix.com",
  "27": "cache-control: public,max-age=66",
  "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: \"5fc2e-nbb9rBWMntbjDz8IpHjby/f56+M\"",
  "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: IdMgXS-SEYQfetGgw2D2pcR_jXi0WmwYRydn0j8qQWhPRfXddqfM4Q==",
  "39": "age: 3"
}
```

IPv6 HTTP (port 80)

HTTP Status	403
Connected IP	2600:9000:2085:be00:3:c339:6840:93a1
Connect Time	7.16 ms
TTFB	15.42 ms
Total Time	15.45 ms

Response Headers:

```
[
  "HTTP/1.1 403 Forbidden",
  "Server: CloudFront",
  "Date: Fri, 12 Jun 2026 17:05:51 GMT",
  "Content-Type: text/html",
  "Content-Length: 915",
  "Connection: keep-alive",
  "X-Cache: Error from cloudfront",
  "Via: 1.1 ee5f2a9e8d5415b01b5958616c8b9e02.cloudfront.net (CloudFront)",
  "X-Amz-Cf-Pop: SIN2-P8",
]
```

```
"X-Amz-Cf-Id: 6Cgg8zCQ4QEuF8fce7LndGcexD5lFKSWCJXvI-vzZ0ZGHFRcqu5UZQ=="
]
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	18.161.179.125
Connect Time	10.01 ms
TTFB	47.09 ms
Total Time	47.16 ms

Response Headers:

```
{
  "0": "HTTP/2 302",
  "1": "server: stgw",
  "2": "date: Fri, 12 Jun 2026 17:05:51 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: 392238",
  "10": "date: Fri, 12 Jun 2026 17:05:48 GMT",
  "11": "set-cookie: country_code=153576; path=/; expires=Sat, 13 Jun 2026 17:05:48 GMT; domain=.iflix.com",
  "12": "set-cookie: lang_code=1491988; path=/; expires=Sun, 12 Jul 2026 17:05:48 GMT; domain=.iflix.com",
  "13": "set-cookie: guid=6fd05d0739f5ec28bfd2190e81a5a973; path=/; expires=Mon, 09 Jun 2036 17:05:48 GMT; domain=.iflix.com",
  "14": "set-cookie: video_guid=6fd05d0739f5ec28bfd2190e81a5a973; path=/; expires=Mon, 09 Jun 2036 17:05:48 GMT; domain=.iflix.com",
  "15": "set-cookie: uin=6fd05d0739f5ec28bfd2190e81a5a973; path=/; expires=Mon, 09 Jun 2036 17:05:48 GMT; domain=.iflix.com",
  "16": "set-cookie: wetv_lang=en; path=/; expires=Sun, 12 Jul 2026 17:05:48 GMT; domain=.iflix.com",
  "17": "set-cookie: wetv_pt=v; path=/; expires=Sun, 12 Jul 2026 17:05:48 GMT; domain=.iflix.com",
  "18": "set-cookie: video_appid=1200016; path=/; expires=Mon, 09 Jun 2036 17:05:48 GMT; domain=.iflix.com",
  "19": "cache-control: public,max-age=66",
  "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: \"5fc2e-nbb9rBWMntbjDz8IpHjyY/fS6+M\"",
  "26": "vary: Accept-Encoding",
  "27": "x-cache: Hit from cloudfront",
  "28": "via: 1.1 7a038cc512aaf50107be210c45917c28.cloudfront.net (CloudFront)",
  "29": "x-amz-cf-pop: KUL50-P1",
  "30": "x-amz-cf-id: I8dKBBHR8HDbFBnAprD0Af1YoTXRQsYLMhF2oYi6jH2qlVEYY7tQ==",
  "31": "age: 3"
}
```

IPv6 HTTPS (port 443)

HTTP Status	0
Connected IP	2600:9000:2085:be00:3:c339:6840:93a1
Connect Time	7.47 ms
TTFB	0 ms
Total Time	15.78 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 0.008206 0.015752
TCP Connect IPv6 → port 80	403 0.007799 0.017089
TCP Connect IPv4 → port 443	302 0.007397 0.055964
TCP Connect IPv6 → port 443	000 0.007477 0.000000

Test Node Network Evidence

Node Profile	dual stack
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Egress Connectivity

IPv4 Egress	76.13.221.142
IPv6 Egress	unreachable

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
```