

IPv6 Readiness Report

mytvbroadcasting.my — mytvbroadcasting.my



Scan to verify

Category: Media • Generated: 04 Jul 2026, 22:34 MYT • Last Checked: 04 Jul 2026, 03:42 MYT • Verification ID: 1626ab95-7c61-4ae8-8753-e59856e8797d

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

Audit trail: <https://ipv6.my6.my/audit/1626ab95-7c61-4ae8-8753-e59856e8797d>

<p>X</p> <p>Non-Compliant</p> <p>MGv6C-1.0</p>	<p>47%</p> <p>No IPv6 Support</p>	<p>IPv6-ONLY READINESS</p> <p>Website: X Not Ready</p> <p>DNS: ✓ Ready</p> <p>Email: X Not Ready</p>
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<p>IPv4 ADDRESSES</p> <p>45.76.146.16</p>
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Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	Vultr Holdings, LLC
Country	US
ASN	AS20473
ASN Name	AS-VULTR - The Constant Company, LLC, US
Network (CIDR)	45.76.146.0/23

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%)				3 / 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.	
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.	

#	CHECK	RESULT	DETAIL
8	Signing Algorithm	INFO	No DNSKEY record found.

Email Services (25%) 4 / 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	DKIM selector found: selector1_domainkey
7	DMARC Record	PASS	DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	45.76.146.16
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 64ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 44ms TTFB.

Audit Trail & Evidence Record

Verification ID	1626ab95-7c61-4ae8-8753-e59856e8797d
Domain	mytvbroadcasting.my
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:42:09 MYT
Finished	04 Jul 2026, 03:42:34 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/1626ab95-7c61-4ae8-8753-e59856e8797d

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	b603248392c364c91f1d68a761e395a38ecd5cf12e5d7633189b7e7359f66dc2
http_headers	105dac7af0ec114150670b067f627352041509bca673e6ac2622ba9184c0618e
dns_responses	92a09773e785056adbe3b28ee45e064da3373312cc84bce0b60bffb006053d57
tls_handshake	ea10b95ee17ab3872d9691bff5fd3cf7aa34cf2456c68472668bea490b43dc13
connectivity_log	c516ad94dd992a84d9f253a892d7a47532dd6de05e52ae2f58ebdca020e190c5
dns_resolution_times	f028bbf14186077da0f07850c24ceb4cca399dfef54eda60a64837fb68d606a5

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	11.37	22.8	20.01	22.23	+8.6
Google	IPv4	36.03	58.34	31.9	40.28	-4.1
Google	IPv6	30.69	31.32	19.48	42.32	-11.2
Cloudflare	IPv4	9.85	20.3	9.93	18.97	+0.1
Cloudflare	IPv6	21.05	38.86	37.7	770.22	+16.7

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 39756
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
mytvbroadcasting.my. 3600 IN A 45.76.146.16
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 61464
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
my. 2997 IN SOA e.nic.my. hostmaster.nic.my. 2026052755 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 50909
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
mytvbroadcasting.my. 3600 IN MX 0 mytvbroadcasting-my.mail.protection.outlook.com.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 30228
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
mytvbroadcasting.my. 14440 IN NS d.dnsdirect.xyz.
mytvbroadcasting.my. 14440 IN NS a.dnsdirect.xyz.
mytvbroadcasting.my. 14440 IN NS c.dnsdirect.xyz.
mytvbroadcasting.my. 14440 IN NS b.dnsdirect.xyz.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 58472
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
mytvbroadcasting.my. 3600 IN TXT "MS=ms23566345"
mytvbroadcasting.my. 3600 IN TXT "MS=E5"
mytvbroadcasting.my. 3600 IN TXT "v=spf1 include:spf.protection.outlook.com -all"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 7843
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
mytvbroadcasting.my. 3578 IN SOA a.dnsdirect.xyz. dnssupport.dnsdirect.xyz. 2021060800 7200 7200 1209600 7200
```

RRSIG

```
a.dnsdirect.xyz. dnssupport.dnsdirect.xyz. 2021060800 7200 7200 1209600 7200
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 37022
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
mytvbroadcasting.my. 3578 IN SOA a.dnsdirect.xyz. dnssupport.dnsdirect.xyz. 2021060800 7200 7200 1209600 7200
```

DNSSEC_VALIDATION

```
; unsigned answer
mytvbroadcasting.my. 7178 IN SOA a.dnsdirect.xyz. dnssupport.dnsdirect.xyz. 2021060800 7200 7200 1209600 7200
```


TLS Handshake Evidence

IPV4 Connection

IP Used	45.76.146.16
IP Version	4

```
depth=3 C = US, O = Internet Security Research Group, CN = ISRG Root X1
verify return:1
depth=2 C = US, O = ISRG, CN = Root YR
verify return:1
depth=1 C = US, O = Let's Encrypt, CN = YR2
verify return:1
depth=0 CN = mytvbroadcasting.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
0 s:CN = mytvbroadcasting.my
i:C = US, O = Let's Encrypt, CN = YR2
a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
v:NotBefore: Jun 4 01:40:56 2026 GMT; NotAfter: Sep 2 01:40:55 2026 GMT
-----BEGIN CERTIFICATE-----
MIIFGTCCBAGgAwIBAgISBa0nBBbyVWVWFL4+08F6avX7HMA0GCSqGSIb3DQEBwUw
MDMxMzA2JG9wYVYwYVYwYVYwYVYwYVYwYVYwYVYwYVYwYVYwYVYwYVYwYVYw
EwN2UjIwHhcNMjYwNjA0MDE0MDU2WmcNMjYwOTAyMDE0MDU1WjAeMRwwGgYDVQ
ExNteXR2YnJvYWRjYXN0aW5nLm15MlIiBjANBgkqhkiG9w0BAQEFAAOCQ8AMIIB
CgkCAQEA0pJ5r1KvLMGR6k06uyLw0781p6QAz3VIEoFPw+ANJH7kimCdP1u6Cch
oGB1boggICn+fzy4rPvXfsgvMNP9Mr/oymwa5TiKXAT4C/AqAgz/XIaJwHUw40Z
cvz5BwC1s7NC/FhTPw63T0hrnmaHhuPVqcLmDcoXJFV+PYjyCtbgRZ6mjPFTOCKv
dPyjeXexfZLYtNWjBvuYic1pZS10g0RNYZjIaEz0CoYbainQnNev185rf+t7pp1m
hPwMgHcytgiUnnbbLLYo3kvtFwFGFSF5w1hiPJCYfu25s/awLub0g43ntCFGYuR
1pjAxLvoavNvnsMbwD5Hq51sbjQLQIDAQABO4IC0jCCAjYwDgYDVR0PAQH/BAQ
DAgwMBMGA1UdJQMMAAoGCCsGAQUFBwMBMAwGA1UdEwEB/wQCAAAwHQYDVR00BBYE
Fiz2/tC6ZYarLdd2/VB6s5k8syuIMB8GA1UdIwYMBaAFAEAVLSZ57TIgnt+ach3W
Mh+BDIEHMDMGCsGAQUFBwEBBCcwJTAjBggrrBgEFBQcwAoYXhR0cDovL3lYm15p
Lmx1bWYwYVYwYVYwYVYwYVYwYVYwYVYwYVYwYVYwYVYwYVYwYVYwYVYwYVYw
Lm15dHZicm9hZGh3c3RpbmcubXkwEwYDVR0gBAwwCjAIBGZngQwBAgEwLgYDVR0
fBCcwJTAjocGgH4YdaHR0cDovL3lYm15jLmx1bWYwYVYwYVYwYVYwYVYwYVYwYV
BgEEAdZ5AgQCBIH9BIH6APgAdQDLOPcViXyEoURfW8Hd+8lu8ppZzUcKaQWfsMsU
wxRY5wAAA26Qf/saAAAEAwBGMEQCIIH9Ltz80+4zov8YDiXVLxyqpoJB+ndcxoMg
N56JzTszAiBgURou5zyx2j1T7FcrBVlVvjyKzJ/FLQIMBh34MpBgG/AGz+UB1D
qf6FrXs0TPk3Mke8UEcfSWEINFzGj4YGOs6AAABnBp/++EACAAABQAA00CIBAMA
SDBGAiEA9LMgCRKIG4RuNT3t4JP+1mMwd/VBKQA90gGgWn0BxGCCIQDN9GtTW84
F48bnvQnxbW3zc9FgwHXJSm2DToIYrhDANBgkqhkiG9w0BAQsFAAOCQAEAK73
w27js0B2c0HwXK1RskISNYZGA0Ie4B5CL4ti/+MpElXuIQZnrR70uriR086ifvV3
Yhs7sCIHQh3FDiYpSY0Muza5KjP5Dl2GxRCPe4+BVq0uBI/ZRzS8ntYKjhySXV3
Mh104/5z04o9128fGkcdBExhJWu+WkEqf8N1Rrcw0L/eB+w14wpAwqnW8vKaCey
y+k/L6UqN548hAYSuoyadPg31tgPjPzXweNYaXQzPmsz+KabXAe2he/Snr9vxt
k2alZQztXNNuY7aQPWHwXoZ5wp+UoLK60IUSQVSuPNsI0WqHMF56Hw/UQ59vayL7
nDNGG49NRbSk/PpTlw==
-----END CERTIFICATE-----
1 s:C = US, O = Let's Encrypt, CN = YR2
i:C = US, O = ISRG, CN = Root YR
a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
v:NotBefore: Sep 3 00:00:00 2025 GMT; NotAfter: Sep 2 23:59:59 2028 GMT
-----BEGIN CERTIFICATE-----
MIIE2jCCAsKgAwIBAgITr0k1Lh4k05SALYSLL9WzGTANBgkqhkiG9w0BAQsFADAu
MDswCQYDVQGEwJVUzENMAsGA1UEChMESVNSRzEOMAA4GA1UEAxMHUm9vdCBZUjAe
Fw0yNTA5MDM0MDAwMDAaFw0yODA5MDIyMzU5NTU1MDMxMzA2JG9wYVYwYVYwYVYw
YVYwYVYwYVYwYVYwYVYwYVYwYVYwYVYwYVYwYVYwYVYwYVYwYVYwYVYwYVYw
DQEAQAA4IBDwAwgEKAoIBAQQZ0LxwBppq84LuqMerV/eel/fXQ7mLQv1Lnp
WkZbyvGpx6wh6AfnslAnF6ewTkcA+hg50oBvm3Dfm06AuGiF+KRut4fAcowqnAQ
CW98+QPP/e0v/wug7Iy4Nk0xf2I6g2f55T6nJo0TLfCukeRq80JGQEYan+dPfr9
0GUGK2hGKGNk87papps0AuUJcroYhRt5uUis4qaZi.reiseu32gzDJNBA1Ktsvd
6HX4v25bpkRNCs/B/Gtc9KvBUpd+2PLPxdei3Tim55k4tfaEXwD2qyiPTxrTNq6L
N+Amr5g2cldnqk0TwxV6L5lpP1rGiYvLnRaPl0qyZRPW+5AgMBAAGjge4wgesw
DgYDVR0PAQH/BAQDAgGMBMGA1UdJQMMAAoGCCsGAQUFBwMBMGA1UdEwEB/wQI
MAYBA8CAQAwHQYDVR00BBYEFYFAVLSZ57TIgnt+ach3WmH+BDIEHMDMGA1UdIwQY
MBAFN7n2DQImLAKH0/DQh+PLVstFGUMDIGCcsGAQUFBwEBBCYwJDAiBggrrBgEF
BQcwAoYXhR0cDovL3lYm15pLmx1bWYwYVYwYVYwYVYwYVYwYVYwYVYwYVYwYVYw
ATANBgNVHR8EIDAeMByGqAYhhZodHRwOi8veXUy5sZW5jci5vcmcvMA0GCSqGSI
b3DQEBwUwAA4ICAQB0ZUQWZ9/Yn9C0Epo+JfecMnB0h0vDm/M66IqXqW3LoaL
mx91ZvRtEIS67PueI3yCA2W6PKRD0/FE/G57L0mS+Xy5AaaL00ICG0qjNcCaMwW
8o8nevH0d4i4lqgtznE/28QwLcdJyF8yBiWHPnyjhEpmNWJURgOC0g2xpwRMBcsj
MScqYPT0euhYQvSwAeTmL2Ukh6uGuX4E14q65Ja8cdjF5Ba1dnP1eE4FBaAwsZ
G2f0qqrkV03Y85Nw2btdP1At1lQuJZs/Jo/gXXdc7LRH3McnppnBTiAncX7yES
hP6kQeJllqMCIt52HojxDGwaf57Xw+DKwqmH+Eqy8dcb0uag/1AYLQoKNVK3F5q
Hh6tEDiMqQLiBkKteE6iHo4A/bIScbzrhXUYuisM42ZYzmc48FMV1H3qy4L84E
TdAh2qtXw0PAhvRXp8HP7wfnngpzsN/8x0TpeRsbM4+Qbc56G6+BiFmv6sk1ie0b
```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	45.76.146.16
Connect Time	19.06 ms
TTFB	65.92 ms
Total Time	66.02 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Server: nginx-rc",
  "2": "Date: Fri, 03 Jul 2026 19:42:34 GMT",
  "3": "Content-Type: text/html",
  "4": "Content-Length: 174",
  "5": "Connection: keep-alive",
  "6": "Location: https://mytvbroadcasting.my/",
  "8": "HTTP/2 200",
  "9": "server: nginx-rc",
  "10": "date: Fri, 03 Jul 2026 19:42:34 GMT",
  "11": "content-type: text/html; charset=UTF-8",
  "12": "vary: Accept-Encoding",
  "13": "vary: Accept-Encoding, Cookie",
  "14": "cache-control: max-age=3, must-revalidate",
  "15": "last-modified: Fri, 03 Jul 2026 19:38:52 GMT",
  "16": "x-frame-options: SAMEORIGIN",
  "17": "x-xss-protection: 1; mode=block",
  "18": "x-content-type-options: nosniff"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	45.76.146.16
Connect Time	7.37 ms
TTFB	49.36 ms
Total Time	49.4 ms

Response Headers:

```
[
  "HTTP/2 200",
  "server: nginx-rc",
  "date: Fri, 03 Jul 2026 19:42:34 GMT",
  "content-type: text/html; charset=UTF-8",
  "vary: Accept-Encoding",
  "vary: Accept-Encoding, Cookie",
  "cache-control: max-age=3, must-revalidate",
  "last-modified: Fri, 03 Jul 2026 19:38:52 GMT",
  "x-frame-options: SAMEORIGIN",
  "x-xss-protection: 1; mode=block",
  "x-content-type-options: nosniff"
]
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.008923 0.016925
TCP Connect IPv4 → port 443	200 0.007855 0.061104

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
```