

IPv6 Readiness Report

appletvplus.com — appletvplus.com



Scan to verify

Category: Streaming • Generated: 04 Jul 2026, 22:32 MYT • Last Checked: 04 Jul 2026, 03:26 MYT • Verification ID: 25df8797-752c-4c10-a0fa-d6af7b21e599

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

Audit trail: <https://ipv6.my6.my/audit/25df8797-752c-4c10-a0fa-d6af7b21e599>

<p>X</p> <p>Non-Compliant</p> <p>MGv6C-1.0</p>	<p>30%</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>17.253.142.4</p>
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Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	Apple Inc.
Country	US
ASN	AS714
ASN Name	APPLE-ENGINEERING - Apple Inc., US
Network (CIDR)	17.0.0.0/8

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%) 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	17.253.142.4
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 364ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 549ms TTFB.

Audit Trail & Evidence Record

Verification ID	25df8797-752c-4c10-a0fa-d6af7b21e599
Domain	appletvplus.com
Check Mode	Scheduled
Status	Completed
Started	04 Jul 2026, 03:26:08 MYT
Finished	04 Jul 2026, 03:26:16 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/25df8797-752c-4c10-a0fa-d6af7b21e599

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	65573d33288f94aaf15a1909ad4d681b47711d9c1ed29454bcd21e02825c747b
http_headers	13c673fdbba39b5b793fce412b15dfd50e82d4153c9ce53d0dab0ec3d1cd7b50
dns_responses	1d4f77c298a170232792bb71fd2466fad7e2f6cf7362ed620318c4092385a298
tls_handshake	d26787de6ba32ba801592b9471d5fd628f9475332573a5efe2729bc18a9d4b7e
connectivity_log	855fc1a5763da2456b9f3e2388d8c4bb0d69055906ca10c9e2cdd6c65875fcd8
dns_resolution_times	06bccd4d2954c2ee53b23d4471b028e8d2c6a34c83e4a51b6be14f125423456e

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	28.38	29.34	27.13	32.83	-1.3
Google	IPv4	35.71	61.59	42.06	44.7	+6.4
Google	IPv6	33.95	35.35	36.04	43.47	+2.1
Cloudflare	IPv4	17.62	19.47	28.21	28.45	+10.6
Cloudflare	IPv6	19.34	42.65	28.91	29.15	+9.6

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 35376
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
appletvplus.com. 300 IN A 17.253.142.4
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 60453
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com. 897 IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1783106741 1800 900 604800 900
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 52181
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
appletvplus.com. 297 IN SOA ns-ext-prod.jackfruit.apple.com. dnscontact.apple.com. 53 7200 5400 3628800 300
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 20994
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
appletvplus.com. 3600 IN NS c.ns.apple.com.
appletvplus.com. 3600 IN NS d.ns.apple.com.
appletvplus.com. 3600 IN NS a.ns.apple.com.
appletvplus.com. 3600 IN NS b.ns.apple.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 65393
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
appletvplus.com. 3600 IN TXT "mt-19390627"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 51851
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
appletvplus.com. 297 IN SOA ns-ext-prod.jackfruit.apple.com. dnscontact.apple.com. 53 7200 5400 3628800 300
```

RRSIG

```
ns-ext-prod.jackfruit.apple.com. dnscontact.apple.com. 53 7200 5400 3628800 300
```

DNSKEY

```
;; Got answer:
```

```
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 34690
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
appletvplus.com. 297 IN SOA ns-ext-prod.jackfruit.apple.com. dnscontact.apple.com. 53 7200 5400 3628800 300
```

DNSSEC_VALIDATION

```
; unsigned answer
appletvplus.com. 3597 IN SOA ns-ext-prod.jackfruit.apple.com. dnscontact.apple.com. 53 7200 5400 3628800 300
```



```

Id7GrQ4CnZgPGe9HeEm0jH1L4fnSXE1ukoZ8iBBwZ2WfLtlfZA2p9NBxN34iIKe0
zh0CIbZdZ7WiPE99uT5ie05/J+lKbvPHXA6Ey5cnZ524X80U0uK+ln0Tpk2DwNLs
+couaMqjmjQb1Gim+30bpFMzYrTm3qMSb6WChdLx2XcqhUXJrHzpJ0m0XVKGQoVZ
AE1koFyNzZsydHR1KDIqogBnxGbbHt5qU+tYivQDrSf1zTGe1jDXa0jRR++1j3Bv
WcW+ceJokNsZviMVG7BFQ+UL
-----END CERTIFICATE-----
1 s:C = US, 0 = Apple Inc., CN = Apple Public Server RSA CA 1 - G1
i:C = US, 0 = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G2
a:PKKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
v:NotBefore: Dec 12 12:00:00 2018 GMT; NotAfter: Dec 11 12:00:00 2030 GMT
-----BEGIN CERTIFICATE-----
MIIEmtCCA4GgAwIBAgIQD9KHBvW59gbb5RJ/vhZoEjANBgkqhkiG9w0BAQsFADBh
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNLcnQgSW5jMRkwFwYDVQQLExB3
d3cuZGlnaWNLcnQuY29tMSAwHGMwYDQDEXdEaWdpQ2VydCBHbG9iYWwUmd9vdCBH
MjAeFw0xODEyMTIxMjAwMDBaFw0zMDYyMTEyMjAwMDBaME4xCzAJBgNVBAYTALVT
MRMwEQYDVQQKEwBjZSBJbWUzSjBjZSBJbWUzSjBjZSBJbWUzSjBjZSBJbWUzSjBj
dmVyIFJ0SBDQ5AxiC0gRzEwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIB
AQCV40qAs7bKxYoVThRt6es/dV3WS3yLExXVIn1KSrrWcDPW0S1L6wBh0WVnc/BH
udL0LHd9Gfc8z2AAWw291A6S21tpCr739H8Xafg/3lkuYJVoMjBJ0Hn4HJcS496N
nQzkrXqtbA3bd6W/tC7CsMpaI4ncJhe01lKnOUZm7c8mbtiqg2qxZULNmrXJPPg
3hgHuSjVEigvFnZE2AchCiBxPkspfRzIOE6mLxPKLki8KcuR8TRD9JiBPrCIaXC
sNsvioR4tyiRlQLESdy0ByE0bftg03kCLFpZXCbw4TH3wD3pbh8Y7o5e4wnB3PQA
XW7WCFyDYL2QWvyAntjifwZZAgMBAAGjggFeMIIbWjAdBgNVHQ4EFgQUo3yb6kwP
wbAuZ6R5GQDUPG9NoJUwHwYDVR0jBBgwFoAUTiJUIBiV5uNu5g/6+rks7QYXjzkw
DgYDVR0PAAQH/BAQDAgGGMBOGA1UdJQQWMBQGCCsGAQUFBwMBBggrBgEFBQcDAjAS
BgNVHRMBAf8ECDAGAQH/AgEAMDQGCCsGAQUFBwEBBCCwJjAkBggrBgEFBQcAwAYYY
aHR0cDovL29jc3AuZGlnaWNLcnQuY29tMEIGA1UdHwQ7MDkwN6A1oDOGmWh0dHA6

```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	405
Connected IP	17.253.142.4
Connect Time	182.55 ms
TTFB	363.87 ms
Total Time	363.91 ms

Response Headers:

```
[
  "HTTP/1.1 405 Method Not Allowed",
  "Date: Fri, 03 Jul 2026 19:26:14 GMT"
]
```

IPv4 HTTPS (port 443)

HTTP Status	405
Connected IP	17.253.142.4
Connect Time	182.48 ms
TTFB	550.53 ms
Total Time	550.57 ms

Response Headers:

```
[
  "HTTP/1.1 405 Method Not Allowed",
  "Date: Fri, 03 Jul 2026 19:26:15 GMT"
]
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.183143 0.364531
TCP Connect IPv4 → port 443	301 0.181800 0.553092

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
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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
```