


# IPv6 Readiness Report

astroawani.com — astroawani.com

Category: News Portal • Generated: 20 Apr 2026, 21:09 MYT • Last Checked: 07 Mar 2026, 01:17 MYT • Verification ID: c4cf8992-0da4-4afe-b15d-ab91eb9fb399

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

Audit trail: <https://ipv6.my6.my/audit/c4cf8992-0da4-4afe-b15d-ab91eb9fb399>

 <b>Partially Compliant</b> MGv6C-1.0	<b>73%</b> <b>Partial Support</b>	<b>IPv6-ONLY READINESS</b> Website: ✓ <b>Ready</b> DNS: ✓ <b>Ready</b> Email: ✗ <b>Not Ready</b>
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**IPv6 ADDRESSES**

2a06:98c1:3107::ac40:9173
2a06:98c1:3109::6812:2a8d

**IPv4 ADDRESSES**

18.67.181.57
18.67.181.63
18.67.181.101
18.67.181.60

## Network Information (WHOIS / RDAP)

	IPv6 Network	IPv4 Network
Organization	MNT-CLOUDFLARE	Amazon.com, Inc.
Country	US	US
ASN	AS13335	AS16509
ASN Name	CLOUDFLARENET - Cloudflare, Inc., US	AMAZON-02 - Amazon.com, Inc., US
Network (CIDR)	2a06:98c1::/32	18.64.0.0/14

**Web Services** (35%) 7 / 8

#	CHECK	RESULT	DETAIL
1	<b>AAAA Record</b>	<b>PASS</b>	2a06:98c1:3107::ac40:9173, 2a06:98c1:3109::6812:2a8d
2	<b>Globally Routable IPv6</b>	<b>PASS</b>	All addresses are globally routable.
3	<b>HTTP over IPv6</b>	<b>PASS</b>	HTTP (port 80) responds over IPv6 — 61ms TTFB.
4	<b>HTTPS over IPv6</b>	<b>PASS</b>	HTTPS (port 443) responds over IPv6 — 88ms TTFB.
5	<b>IPv6-Only Reachability</b>	<b>PASS</b>	Site is fully reachable via IPv6-only.
6	<b>TLS Certificate Valid (IPv6)</b>	<b>PASS</b>	Certificate valid — issued by C = US, O = SSL Corporation, CN = Cloudflare TLS Issuing ECC CA 3, expires Nov 21 10:33:20 2026 GMT
7	<b>Dual-Stack (IPv4 + IPv6)</b>	<b>PASS</b>	Domain has both A and AAAA records.
8	<b>HTTP/3 (QUIC)</b>	<b>FAIL</b>	No HTTP/3 support detected.

**DNS & DNSSEC** (25%) 3 / 5

#	CHECK	RESULT	DETAIL
1	<b>NS Has AAAA Record</b>	<b>PASS</b>	Nameserver has IPv6 address.
2	<b>NS Reachable via IPv6</b>	<b>PASS</b>	Nameserver is reachable via IPv6 on port 53.
3	<b>NS Answers Queries via IPv6</b>	<b>PASS</b>	DNS queries answered over IPv6.
4	<b>DNSSEC Validated</b>	<b>FAIL</b>	DNSSEC validation failed or zone is unsigned.
5	<b>Reverse DNS (PTR)</b>	<b>FAIL</b>	No PTR record found.
6	<b>DS Record at Parent</b>	<b>FAIL</b>	No DS record at parent.

#	CHECK	RESULT	DETAIL
7	<b>RRSIG Valid</b>	<b>FAIL</b>	No valid RRSIG found.
8	<b>Signing Algorithm</b>	<b>INFO</b>	No DNSKEY record found.

**Email Services** (25%) 3 / 6

#	CHECK	RESULT	DETAIL
1	<b>MX Record Exists</b>	<b>PASS</b>	MX record found.
2	<b>MX Server Has IPv6</b>	<b>FAIL</b>	MX server has no IPv6 address.
3	<b>SMTP Reachable via IPv6</b>	<b>FAIL</b>	SMTP is not reachable over IPv6.
4	<b>STARTTLS over IPv6</b>	<b>FAIL</b>	STARTTLS not available over IPv6.
5	<b>SPF Record</b>	<b>PASS</b>	SPF record found.
6	<b>DKIM Selector</b>	<b>INFO</b>	DKIM selector found: k1_domainkey
7	<b>DMARC Record</b>	<b>PASS</b>	DMARC record found.

**IPv4 Baseline** (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	<b>A Record</b>	<b>PASS</b>	18.67.181.57, 18.67.181.63, 18.67.181.101, 18.67.181.60
2	<b>HTTP over IPv4</b>	<b>PASS</b>	HTTP (port 80) responds over IPv4 — 55ms TTFB.
3	<b>HTTPS over IPv4</b>	<b>PASS</b>	HTTPS (port 443) responds over IPv4 — 36ms TTFB.

### Audit Trail & Evidence Record

Verification ID	c4cf8992-0da4-4afe-b15d-ab91eb9fb399
Domain	astroawani.com
Check Mode	Manual
Status	Completed
Started	07 Mar 2026, 01:16:56 MYT
Finished	07 Mar 2026, 01:17:04 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/c4cf8992-0da4-4afe-b15d-ab91eb9fb399

### Integrity Verification

<b>✓ INTEGRITY VERIFIED</b>	
Algorithm	hmac-sha256-v1
Root Hash	343bd5bfd07f72bb8730a780031355a94bbb44d2feec7bcf3d2cbaa0a3e60939
http_headers	f062ca4e7c2fd6fee194fde1f94de749fd7ecb1eacdfde3c69e0180abfd5c684
dns_responses	e9ea19258fcdf7b08161d2b492c8d0640e6bfb4d0d94243a982b31fd5089e1eb
tls_handshake	64d7c410f9ad1e8cc12a5526c26338de537f60de6aca3b309d89bc8ffd81477f
connectivity_log	28d9e1f425e383f27f51cf0d2060bdf3d1b67632af8009320eff013460b6247
dns_resolution_times	fdca56f8e8dc75460e79c5549ed29124ffabccd9b6255891399cf57558779656

### 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	17.03	17.89	16.28	22.96	-0.8
Google	IPv4	17.86	35.99	30.23	36.15	+12.4
Google	IPv6	32.82	34.79	28.99	33.03	-3.8
Cloudflare	IPv4	18.57	192.4	8.98	8.98	-9.6
Cloudflare	IPv6	182.18	205	179.8	213.45	-2.4



## DNS Evidence

### A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 62737
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
astroawani.com. 00600IN[A]18.67.181.101
astroawani.com. 00600IN[A]18.67.181.57
astroawani.com. 00600IN[A]18.67.181.63
astroawani.com. 00600IN[A]18.67.181.60
```

### DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 59344
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
com. 0009000IN[SOA]a.gtld-servers.net. nstld.verisign-grs.com. 1772788596 1800 900 604800 900
```

### MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 37032
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
astroawani.com. 00600IN[MX]10 inbound-smtp.us-east-1.amazonaws.com.
```

### NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 16996
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
astroawani.com. 0021600IN[NS]ns-1102.awsdns-09.org.
astroawani.com. 0021600IN[NS]ns-554.awsdns-05.net.
astroawani.com. 0021600IN[NS]ns-1811.awsdns-34.co.uk.
astroawani.com. 0021600IN[NS]ns-232.awsdns-29.com.
```

### TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 42333
;; flags: qr rd ra; QUERY: 1, ANSWER: 14, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
astroawani.com. 0036000IN[TXT]"v=spf1 include:servers.mcsv.net ?all"
astroawani.com. 0036000IN[TXT]"v=spf1 include:hotmail.com ~all"
astroawani.com. 0036000IN[TXT]"google-site-verification=72Jp30Ntw83QLYNcw722jsY0_fJD0P7hC6nsythHaQ"
astroawani.com. 0036000IN[TXT]"google-site-verification=jy-kkXjIfsIJ-Ux7k1o0Dm_9Myb9fhIOJg5NYfI5-as"
astroawani.com. 0036000IN[TXT]"google-site-verification=cFdcNCUu40Cluy96I-xISbhkcbQtvw2HhhMIqVWaxJA"
astroawani.com. 0036000IN[TXT]"dailymotion-domain-verification=dM06sdL258w45z4z6"
astroawani.com. 0036000IN[TXT]"google-site-verification=r8ZzEChmz9dkgh-mDh_6-tc80RP1F7oKfK6oJ5Ftt4"
astroawani.com. 0036000IN[TXT]"google-site-verification=T-rIbhjg6gLTHe6DMbd1rBd6sziungdZN10a62yp2s"
astroawani.com. 0036000IN[TXT]"google-site-verification=Y03bb2JRFHDwVsfStL0KYVCVQfxWxfzhwAp_0Fad9UM"
astroawani.com. 0036000IN[TXT]"v=msv1 t=a23bc4bdb166469a52c5e56a66de33"
astroawani.com. 0036000IN[TXT]"google-site-verification=0I1x7axbzXgV480bfF2XtzZdqk29b2g-ixd0sI55T6s"
astroawani.com. 0036000IN[TXT]"MS=ms97897526"
astroawani.com. 0036000IN[TXT]"facebook-domain-verification=wh3pxu7upbexhn6ltj19j7bzwx5"
astroawani.com. 0036000IN[TXT]"v=spf1 include:amazonses.com ~all"
```

### AAAA

```
;; Got answer:
```

```
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 16381
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
astroawani.com. 900 IN SOA ns-1102.awsdns-09.org. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400
```

**RRSIG**

```
ns-1102.awsdns-09.org. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400
```

**DNSKEY**

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 64493
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
astroawani.com. 900 IN SOA ns-1102.awsdns-09.org. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400
```

**DNSSEC\_VALIDATION**

```
; unsigned answer
astroawani.com. 900 IN SOA ns-1102.awsdns-09.org. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400
```



TLS Handshake Evidence

IPV4 Connection

IP Used	18.67.181.57
IP Version	4

```

depth=2 C = US, O = Amazon, CN = Amazon Root CA 1
verify return:1
depth=1 C = US, O = Amazon, CN = Amazon RSA 2048 M01
verify return:1
depth=0 CN = *.astroawani.com
verify return:1
CONNECTED(00000010)
---
Certificate chain
0 s:CN = *.astroawani.com
i:C = US, O = Amazon, CN = Amazon RSA 2048 M01
a:PKKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
v:NotBefore: Dec 16 00:00:00 2025 GMT; NotAfter: Jan 14 23:59:59 2027 GMT
-----BEGIN CERTIFICATE-----
MIIF0TCCBmAwIBAgIQAgIA6xNnQsZMrJ+vyKwwxBraDANBgkqhkiG9w0BAQsFADA8
MQswCQYDVQQGEwJVUzEPMA0GA1UEChMGMGQW1hem9uMRwwGgYDVQQDEwNBbWwF6b24g
UUNBIDIwNDggTTAxMB4XDTE1MTIwXjAwMDAwMFoXDTE1MDE3NDIzNTk1OVowGzEZ
MBCGA1UEAwQKi5hc3Ryb2F3YW5pLmNvbTCCASIdDQYJKoZIhvcNAQEBBQADgGP
ADCCAQoCggEBANFDrMH6aKvxpvrQ5nhAbzJLDZbKHKtLGOo8jMJ57m3JJwHd5N2K
oUVDftHrmYyJcYQmAPjzFqya5MJHxjlyXi7j0vxEHsEXA8eDB+VsZgEmK45EBExZ
5N0vrm46Eyub9iUU0MqzhydPwB+g66dhZucnGLL52qyzuDRBDIC+hgIygNwPRK/f
Xj9e5qr6j0bLSyu8d3WkJUTvDC83KiTzSzd3PvxtI9+CIYrInMCytcTuft7LDH4M
ETyYESTtXxgRkETWbBYChnDWMpL+t6p2ZhJ0bag0N8BoVWLXm8qP9y7bCvL0AL
rdHxc5upBMw2RonKDdv2CfunVuYR0pp7FMsCAwEAAoCAU4wggLqMB8GA1UdIwQY
MBaAFIG4Dm0KiRIY5fo701Cvn+blK0FMB0GA1UdDgQWBBS5e5GsdJoo01ycctxd
KdvzmDqLnjArBgNVHREEJDAiGhAqLmFzdHJvYXdhbmkuY29tgg5hc3Ryb2F3YW5p
LmNvbTATBGNVHSAEDDAKMAgGBmeBDAECATAOBgNVHQ8BAf8EBAMCBaAwEwYDVR0L
BAwwCgYIKwYBBQUHAwEwOwYDVR0fBDQwMjAwC6LmFtYXpbnRydXN0LmNvbS9yMm0w
MS5hbWwF6b250cnVzd5cj20v2cJjTMDYuY3JsMHUCCsGAQUFBwEBBGGkZzAtBggr
BgEFBQcwAYYhAR0cDovL29jc3AucjJtMDEuYm9uLmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0wMS5j
ZXIwDADVR0TAQH/BAIwADCCAX0GCsGAQQB1nkCBAIEggFTBIBaQFnAHYATGPC
m0WcHauI9h6Kpd6uj6tEozd7X5uUw/uhnPzBviYAAAGBjbn9QAABAMARzBFAiBw
YALIQZ4g5gjMhIKxLEe9rY0WhxLUN+adYTG4hw5QIHAnjLiA+bzy0ygcZYMOxw
P4kRlredr+JUNSZgLLjPdk8RWAHYAHJ9oL0n68EVPUPgbloqH3dsyENhM5siy44JS
SsTPWZ8AAAGBjBneJAAABAMARzBFAiAKzf6EF+ud/j5DHkXuS/zBUQ20+g5EmHa
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7xc/p/d9JucpArXaNe+qCa0kaidmah39GQvWADCP80aCrJwq+K07X334w7JDIhy
Dha99Pemj/1NWxgzL2T1rDe/GHKQVqNJmINAughDZjxWGLKU6I+7/HjzF0BRtjR
A8e+7LM=
-----END CERTIFICATE-----
1 s:C = US, O = Amazon, CN = Amazon RSA 2048 M01
i:C = US, O = Amazon, CN = Amazon Root CA 1
a:PKKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
v:NotBefore: Aug 23 22:21:28 2022 GMT; NotAfter: Aug 23 22:21:28 2030 GMT
-----BEGIN CERTIFICATE-----
MIIEJjCCA0agAwIBAgITB3MS0AudZoiJ0x7Zv5zNpo40DzANBgkqhkiG9w0BAQsF
ADA5MQswCQYDVQQGEwJVUzEPMA0GA1UEChMGMGQW1hem9uMRwwGgYDVQQDEwNBbWwF6
b24gUm9vdCBDQSAxMB4XDTE1MDg0YyYyMjYyEjY0F0XDTMMDgYmZyMjYyEjY0F0wPDEL
MAKGA1UEBhMCVVMxZzANBgNVBAoTBkFtYXpvcjE2MDEuYm9uLmNvbS9yMm0wMS5jAQU
QSAyMDQ4IE0wMTCCASIdDQYJKoZIhvcNAQEBBQADgGPADCCAQoCggEBA0tXKnL
H4gokjIwr4pXD3i3NyWVYEsZ1yX0yLI2qIUZ2t88Gfa4gMqs1YSXca1R/LnCKeT
epwSGA+0+fkQnpp/L4C2T7oTTsddUx7g3ZYzByDTLrw5SHRQQqEFE301T5tEJP4t
f+28IoXsNiEzL3UGzicYgtzj2cWCB41eJgEmJmcf2T8TzK6a614ZPyq/w4CPAfff
nAV4coz96nW3AyIEZuhuB4zQUIXvgVSYcw7sbWlvj5TDXunEpNCRwC4kkzK7roL
jtT2cbb7w2s4Bkg3R4ZG3PLqBvt2N32e/0JOTVtCk8/iccJ4sXqrS1uUN41B5NmV
JK74csVl+0u0UecCAwEAAoCAOAwowggFwMBIGAIUdEwEbw/wQIMAYBAf8CAQAwDgYD
VR0PAQH/BAQDAgGMB0GA1UdJQQWMBQGCsGAQUFBwMBBggrrBgEFBQcDAjAdBgNV
HQ4EFQQUgbg0Y4qJEhjl+js7UJWf5uWQE4UwHwYDVR0jBBgwFoAUhbjMhTtsvAyU
LC4IwZzHshB0CggweyYIKwYBBQUHAQEebzBtMCCGCCsGAQUFBzABhiNodHRwOi8v
b2N2cC5yb290Y2ExLmFtYXpbnRydXN0LmNvbTAgBggrBgEFBQcwAYYhAR0cDovL2
N2ydC5yb290Y2ExLmFtYXpbnRydXN0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8v
Y3J0LnIybnRydXN0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydX
N0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0w
MS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0wMS5jAQUFBzACh
ipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3
J0LnIybnRydXN0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN
0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0w
MS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0wMS5jAQUFBzACh
ipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3
J0LnIybnRydXN0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN
0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0w
MS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0wMS5jAQUFBzACh
ipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3
J0LnIybnRydXN0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN
0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0w
MS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0wMS5jAQUFBzACh
ipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3
J0LnIybnRydXN0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN
0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0w
MS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0wMS5jAQUFBzACh
ipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3
J0LnIybnRydXN0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN
0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0w
MS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0wMS5jAQUFBzACh
ipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3
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0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0w
MS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN0LmNvbS9yMm0wMS5jAQUFBzACh
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J0LnIybnRydXN0LmNvbS9yMm0wMS5jAQUFBzAChipodHRwOi8vY3J0LnIybnRydXN
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```



```

-----BEGIN CERTIFICATE-----
MIIC4jCCAmgAwIBAgIQMe7oivuhZ74M2YEdD+bJzAKBggqhkJOPQDDAzbPMQsw
COYDVQQGEwJVUzEYMBYGA1UECgwPU1NMIENvcnBvcmlFb0aW9uMSYwJAYDVQQDDB1T
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hjAKBggqhkJOPQDDAwNnADBKAjBkV/dgTArL36px6LVmWzFHLv0pFD+P9Bo0YzIr
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bdHnb2+aPpCH7LP6QNO/Xm9NiqdxAw==
-----END CERTIFICATE-----

2 s:C = US, 0 = SSL Corporation, CN = SSL.com TLS Transit ECC CA R2
i:C = GB, ST = Greater Manchester, L = Salford, 0 = Comodo CA Limited, CN = AAA Certificate Services
a:PKKEY: id-ecPublicKey, 384 (bit); sigalg: RSA-SHA256
v:NotBefore: Jun 21 00:00:00 2024 GMT; NotAfter: Dec 31 23:59:59 2028 GMT
-----BEGIN CERTIFICATE-----
MIID0DCCArigAwIBAgIRAK2NLfZGgaDTZefqU+ic8EwDQYJKoZIhvcNAQELBQAw
ezELMAKGA1UEBhMCR0IxGzAZBgNVBAMeKdyZWf0ZXIgwTWfUy2hlc3RlcjEQAQA4G
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QUFBzAbhhdHRw0iBvb2NzcC5jb21vZG9jY5jY55jb20wDQYJKoZIhvcNAQELBQAD
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+EBd1zkT0V7CfrPp30cAMs2h+k4pPMwLuB3Ku4TncB8Tryt5K0gbJ3p00Rk9Hmu
w0z5QAZ+2n1q4TLApJzBfwFrCDg=
-----END CERTIFICATE-----

---
Server certificate
subject=CN = astroawani.com
issuer=C = US, 0 = SSL Corporation, CN = Cloudflare TLS Issuing ECC CA 3
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: ECDSA
Server Temp Key: X25519, 253 bits
---
```



## HTTP Response Evidence

### IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	172.64.145.115
Connect Time	9.25 ms
TTFB	53.36 ms
Total Time	53.44 ms

#### Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Server: CloudFront",
  "2": "Date: Fri, 06 Mar 2026 09:17:04 GMT",
  "3": "Content-Type: text/html",
  "4": "Content-Length: 167",
  "5": "Connection: keep-alive",
  "6": "Location: https://astroawani.com/",
  "7": "X-Cache: Redirect from cloudfront",
  "8": "Via: 1.1 4f17bec44f8b01282c713fa8d7ccced4.cloudfront.net (CloudFront)",
  "9": "X-Amz-Cf-Pop: KUL50-P2",
  "10": "X-Amz-Cf-Id: LtWLzErNSXhrQRjkY5xIzad6Uo0R0GisB-AnA53HPHXunGG57JGxA==",
  "12": "HTTP/2 301",
  "13": "content-length: 0",
  "14": "location: https://www.astroawani.com/",
  "15": "date: Thu, 05 Mar 2026 18:59:50 GMT",
  "16": "server: AmazonS3",
  "17": "x-cache: Hit from cloudfront",
  "18": "via: 1.1 26ef7eef5dfe40392ab58ea6ba2d2bea.cloudfront.net (CloudFront)",
  "19": "x-amz-cf-pop: KUL50-P2",
  "20": "x-amz-cf-id: oXPQfe5W88JJKE9t2o1o0ffjpnogB8s25ILNbAP9nv-0jkkAsXkwUA==",
  "21": "age: 51435",
  "23": "HTTP/2 302",
  "24": "date: Fri, 06 Mar 2026 09:17:04 GMT",
  "25": "content-type: text/html",
  "26": "content-length: 143",
  "27": "location: https://www.astroawani.com/home",
  "28": "cache-control: private, max-age=0, no-store, no-cache, must-revalidate, post-check=0, pre-check=0",
  "29": "expires: Thu, 01 Jan 1970 00:00:01 GMT",
  "30": "strict-transport-security: max-age=15552000; includeSubDomains; preload",
  "31": "x-content-type-options: nosniff",
  "32": "referrer-policy: no-referrer-when-downgrade",
  "33": "server: cloudflare",
  "34": "cf-ray: 9d8043e46b6c46c4-KUL",
  "36": "HTTP/2 200",
  "37": "date: Fri, 06 Mar 2026 09:17:04 GMT",
  "38": "content-type: text/html; charset=UTF-8",
  "39": "cf-ray: 9d8043e47bca46c4-KUL",
  "40": "cache-control: must-revalidate, no-cache, private",
  "41": "content-language: ms",
  "42": "x-content-type-options: nosniff",
  "43": "x-frame-options: SAMEORIGIN",
  "44": "expires: Sun, 19 Nov 1978 05:00:00 GMT",
  "45": "age: 378",
  "46": "strict-transport-security: max-age=15552000; includeSubDomains; preload",
  "47": "accept-ranges: bytes",
  "48": "last-modified: Fri, 06 Mar 2026 09:10:45 GMT",
  "49": "cf-cache-status: HIT",
  "50": "referrer-policy: no-referrer-when-downgrade",
  "51": "server: cloudflare"
}
```

### IPv6 HTTP (port 80)

HTTP Status	200
Connected IP	2a06:98c1:3107::ac40:9173
Connect Time	4.51 ms
TTFB	43.25 ms
Total Time	43.35 ms

#### Response Headers:

```
{
```

```

"0": "HTTP/1.1 301 Moved Permanently",
"1": "Date: Fri, 06 Mar 2026 09:17:03 GMT",
"2": "Content-Type: text/html",
"3": "Content-Length: 167",
"4": "Connection: keep-alive",
"5": "Cache-Control: max-age=3600",
"6": "Expires: Fri, 06 Mar 2026 10:17:03 GMT",
"7": "Location: https://www.astroawani.com/",
"8": "X-Content-Type-Options: nosniff",
"9": "Referrer-Policy: no-referrer-when-downgrade",
"10": "Server: cloudflare",
"11": "CF-RAY: 9d8043e279f026f2-KUL",
"13": "HTTP/2 302",
"14": "date: Fri, 06 Mar 2026 09:17:03 GMT",
"15": "content-type: text/html",
"16": "content-length: 143",
"17": "location: https://www.astroawani.com/home",
"18": "cache-control: private, max-age=0, no-store, no-cache, must-revalidate, post-check=0, pre-check=0",
"19": "expires: Thu, 01 Jan 1970 00:00:01 GMT",
"20": "strict-transport-security: max-age=15552000; includeSubDomains; preload",
"21": "x-content-type-options: nosniff",
"22": "referrer-policy: no-referrer-when-downgrade",
"23": "server: cloudflare",
"24": "cf-ray: 9d8043e29acc5f-KUL",
"26": "HTTP/2 200",
"27": "date: Fri, 06 Mar 2026 09:17:03 GMT",
"28": "content-type: text/html; charset=UTF-8",
"29": "cf-ray: 9d8043e2aafdc5f-KUL",
"30": "cache-control: must-revalidate, no-cache, private",
"31": "content-language: ms",
"32": "x-content-type-options: nosniff",
"33": "x-frame-options: SAMEORIGIN",
"34": "expires: Sun, 19 Nov 1978 05:00:00 GMT",
"35": "age: 377",
"36": "strict-transport-security: max-age=15552000; includeSubDomains; preload",
"37": "accept-ranges: bytes",
"38": "last-modified: Fri, 06 Mar 2026 09:10:45 GMT",
"39": "cf-cache-status: HIT",
"40": "referrer-policy: no-referrer-when-downgrade",
"41": "server: cloudflare"
}
    
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	104.18.42.141
Connect Time	4.56 ms
TTFB	60.64 ms
Total Time	60.71 ms

Response Headers:

```

{
  "0": "HTTP/2 301",
  "1": "content-length: 0",
  "2": "location: https://www.astroawani.com/",
  "3": "date: Thu, 05 Mar 2026 18:59:50 GMT",
  "4": "server: AmazonS3",
  "5": "x-cache: Hit from cloudfront",
  "6": "via: 1.1 0d27db90763171c209c634582825563c.cloudfront.net (CloudFront)",
  "7": "x-amz-cf-pop: KUL50-P2",
  "8": "x-amz-cf-id: z4Ws-eJFThdbu3U5FFt7746vEPyR4_0PEdSNFTG_9k2TnhFY9AMEZw==",
  "9": "age: 51435",
  "11": "HTTP/2 302",
  "12": "date: Fri, 06 Mar 2026 09:17:04 GMT",
  "13": "content-type: text/html",
  "14": "content-length: 143",
  "15": "location: https://www.astroawani.com/home",
  "16": "cache-control: private, max-age=0, no-store, no-cache, must-revalidate, post-check=0, pre-check=0",
  "17": "expires: Thu, 01 Jan 1970 00:00:01 GMT",
  "18": "strict-transport-security: max-age=15552000; includeSubDomains; preload",
  "19": "x-content-type-options: nosniff",
  "20": "referrer-policy: no-referrer-when-downgrade",
  "21": "server: cloudflare",
  "22": "cf-ray: 9d8043e4e980ee09-KUL",
  "24": "HTTP/2 200",
  "25": "date: Fri, 06 Mar 2026 09:17:04 GMT",
}
    
```

```

"26": "content-type: text/html; charset=UTF-8",
"27": "cf-ray: 9d8043e509b4ee09-KUL",
"28": "cache-control: must-revalidate, no-cache, private",
"29": "content-language: ms",
"30": "x-content-type-options: nosniff",
"31": "x-frame-options: SAMEORIGIN",
"32": "expires: Sun, 19 Nov 1978 05:00:00 GMT",
"33": "age: 378",
"34": "strict-transport-security: max-age=15552000; includeSubDomains; preload",
"35": "accept-ranges: bytes",
"36": "last-modified: Fri, 06 Mar 2026 09:10:45 GMT",
"37": "cf-cache-status: HIT",
"38": "referrer-policy: no-referrer-when-downgrade",
"39": "server: cloudflare"
}
    
```

IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2a06:98c1:3107::ac40:9173
Connect Time	11.13 ms
TTFB	74.91 ms
Total Time	75 ms

Response Headers:

```

{
  "0": "HTTP/2 301",
  "1": "date: Fri, 06 Mar 2026 09:17:03 GMT",
  "2": "content-type: text/html",
  "3": "content-length: 167",
  "4": "location: https://www.astroawani.com/",
  "5": "cache-control: max-age=3600",
  "6": "expires: Fri, 06 Mar 2026 10:17:03 GMT",
  "7": "strict-transport-security: max-age=15552000; includeSubDomains; preload",
  "8": "x-content-type-options: nosniff",
  "9": "referrer-policy: no-referrer-when-downgrade",
  "10": "server: cloudflare",
  "11": "cf-ray: 9d8043e39d567549-SIN",
  "13": "HTTP/2 302",
  "14": "date: Fri, 06 Mar 2026 09:17:03 GMT",
  "15": "content-type: text/html",
  "16": "content-length: 143",
  "17": "location: https://www.astroawani.com/home",
  "18": "cache-control: private, max-age=0, no-store, no-cache, must-revalidate, post-check=0, pre-check=0",
  "19": "expires: Thu, 01 Jan 1970 00:00:01 GMT",
  "20": "strict-transport-security: max-age=15552000; includeSubDomains; preload",
  "21": "x-content-type-options: nosniff",
  "22": "referrer-policy: no-referrer-when-downgrade",
  "23": "server: cloudflare",
  "24": "cf-ray: 9d8043e3ce740d0a-KUL",
  "26": "HTTP/2 200",
  "27": "date: Fri, 06 Mar 2026 09:17:03 GMT",
  "28": "content-type: text/html; charset=UTF-8",
  "29": "cf-ray: 9d8043e3dea50d0a-KUL",
  "30": "cache-control: must-revalidate, no-cache, private",
  "31": "content-language: ms",
  "32": "x-content-type-options: nosniff",
  "33": "x-frame-options: SAMEORIGIN",
  "34": "expires: Sun, 19 Nov 1978 05:00:00 GMT",
  "35": "age: 378",
  "36": "strict-transport-security: max-age=15552000; includeSubDomains; preload",
  "37": "accept-ranges: bytes",
  "38": "last-modified: Fri, 06 Mar 2026 09:10:45 GMT",
  "39": "cf-cache-status: HIT",
  "40": "referrer-policy: no-referrer-when-downgrade",
  "41": "server: cloudflare"
}
    
```

### Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.001359 0.003712
TCP Connect IPv6 → port 80	301 0.002121 0.014670
TCP Connect IPv4 → port 443	301 0.004489 0.061091
TCP Connect IPv6 → port 443	301 0.006740 0.072334

### 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
```