IPv6 Readiness Report

viu.com — viu.com

Scan to verify

Category: Streaming • Generated: 02 Nov 2026, 03:05 MYT • Last Checked: 08 Aug 2026, 18:20 MYT • Verification ID: c09a5366-728e-46b4-805f-c81418ad2d50
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/c09a5366-728e-46b4-805f-c81418ad2d50

✗

Non-Compliant

MGv6C-1.0

38%

No IPv6 Support

IPV6-ONLY READINESS

Website: ✗ **Not Ready**

DNS: ✗ **Not Ready**

Email: ✗ **Not Ready**

IPV4 ADDRESSES

99.86.23.245

Network Information (WHOIS / RDAP)

	IPv4 Network
Organization	Amazon.com, Inc.
Country	US
ASN	AS16509
ASN Name	AMAZON-02 - Amazon.com, Inc., US
Network (CIDR)	99.86.0.0/16

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%) — 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.
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**	PASS	RRSIG signatures are current and valid.

#	CHECK	RESULT	DETAIL
8	**Signing Algorithm**	INFO	ECDSAP256SHA256

Email Services (25%) 3 / 6

#	CHECK	RESULT	DETAIL
1	**MX Record Exists**	PASS	MX record found.
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**	PASS	SPF record found.
6	**DKIM Selector**	INFO	DKIM selector found: k1._domainkey
7	**DMARC Record**	PASS	DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	**A Record**	PASS	99.86.23.245
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 660ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 70ms TTFB.

Audit Trail & Evidence Record

Verification ID	c09a5366-728e-46b4-805f-c81418ad2d50
Domain	viu.com
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:20:44 MYT
Finished	08 Aug 2026, 18:20:49 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/c09a5366-728e-46b4-805f-c81418ad2d50

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	134b2c39c53f9940ee2eabaa93ecc43b200b9b8577b71ff904899d6e1f79546c
http_headers	af4e9e6bb122f56b9691061d375eb35cba8bfdc00dd2d2f9b38997fcef6abda0
dns_responses	f3cbf2a2cb6c1c2406263d6e25cb0fe961acb88d9a59d3cae40ef8e88ecf2d6c
tls_handshake	386b8c17d3d08ba30097a0e26d0bd464f22545e1c5d74896b7b8109a06202ec2
connectivity_log	98160fdd4958456cdcc2e9bf20ebb6d4567197bd7b1fff13ab9266ff9e1def3c
dns_resolution_times	1a20bd12815e951885ef8cb46c241e24631af6059dc59e770e9c4600a651b69a

Test Node Identity

Os	Linux srv1440888 6.8.0-136-generic #136-Ubuntu SMP PREEMPT_DYNAMIC Wed Jul 1 21:53:05 UTC 2026 x86_64
Hostname	srv1440888
Php Version	8.3.33
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	22.04	28.75	23.54	26.52	+1.5
Google	IPv4	80.88	102.93	95.65	98.42	+14.8
Google	IPv6	99.67	117.38	88.3	93.53	-11.4
Cloudflare	IPv4	32.36	32.65	21.3	21.95	-11.1
Cloudflare	IPv6	23.13	30.07	24.67	29.04	+1.5

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 34411
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
viu.com.□□60□IN□A□18.67.184.245
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 56907
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.□□□896□IN□SOA□a.gtld-servers.net. nstld.verisign-grs.com. 1786184424 1800 900 604800 900
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 36083
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
viu.com.□□300□IN□MX□10 inbound-smtp.us-east-1.amazonaws.com.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 60184
;; flags: qr rd ra; QUERY: 1, ANSWER: 8, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
viu.com.□□59178□IN□NS□ns-980.awsdns-58.net.
viu.com.□□59178□IN□NS□nd-924.awsdns-51.net.
viu.com.□□59178□IN□NS□ns-1297.awsdns-34.org.
viu.com.□□59178□IN□NS□ns-1339.awsdns-39.org.
viu.com.□□59178□IN□NS□ns-1687.awsdns-18.co.uk.
viu.com.□□59178□IN□NS□ns-1860.awsdns-40.co.uk.
viu.com.□□59178□IN□NS□ns-192.awsdns.com.
viu.com.□□59178□IN□NS□ns-34.awsdns-04.com.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 53705
;; flags: qr rd ra; QUERY: 1, ANSWER: 10, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
viu.com.□□3600□IN□TXT□"_globalsign-domain-verification=SXtRsTxxF7SJ0gJ2nuNVaXS_MTBnMRXqvhqwiwFfoJ"
viu.com.□□3600□IN□TXT□"_globalsign-domain-verification=VPP4vYskPt7vQG57New7533f-1-eT79erQiJpXoa3K"
viu.com.□□3600□IN□TXT□"_iudsxr6g2l5u7qpjyp59rjbtzxh9ijj"
viu.com.□□3600□IN□TXT□"atlassian-domain-verification=uB5RnNHKRhgRNJS47cd2KqyzpVPxuK0tMYCHjQZslZTsB4tkFiuxwCfyttkG2353"
viu.com.□□3600□IN□TXT□"brevo-code:609d8184d61602cb73a9b030b05614d7"
viu.com.□□3600□IN□TXT□"google-site-verification=o6jf1nF9TLnwWO8S4Wpkno3jm1uUE2CwUa7kr48d_Z4"
viu.com.□□3600□IN□TXT□"google-site-verification=rZ6FCo07SAdadc9vpXRwjQsz-GP2O1dnu9IAjuV_6iw"
viu.com.□□3600□IN□TXT□"v=spf1 include:_spf.mlsend.com include:amazonses.com include:mail.zendesk.com include:servers.mcsv.net -all"
viu.com.□□3600□IN□TXT□"_asd837w8ecj1lmeroqqcm171zfouolp"
viu.com.□□3600□IN□TXT□"_globalsign-domain-verification=El_fr9qTFnQPZ9cqK11P-Oim2QjABK-JRXme_OVYjh"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 30650
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1
```

```
;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
viu.com.□□900□IN□SOA□ns-34.awsdns-04.com. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400
```

RRSIG

```
ns-34.awsdns-04.com. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400
SOA 13 2 900 20260808113544 20260808092044 24908 viu.com. cOOAtrJPMGHIOh9qikCvpwxYzPdyykYJmr/Un9lYAjFI2h+OrFqbQ9dD UbQb8pEggYH8KbFwowH7gTtkh/7MxA==
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 18584
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
viu.com.□□3597□IN□DNSKEY□256 3 13 k7wN8yG1fYSOnOb0GkZTlu7opMI+/WKz6E3fCn4o7NaKLGNNl6jqSMeF RCUv1GjUubFU7Exu6rCEspwsjxzJIg==
viu.com.□□3597□IN□DNSKEY□257 3 13 bYXlVixJn06xmaOsIi/5H0MUZeb6B4dajEwu7VCrkg0EdhrpK7UT7ce2 uwrGzBEZ58KkcJIoAvzc+YVh2vCGSg==
viu.com.□□3597□IN□DNSKEY□256 3 13 fxj60l9Ait0IJAVdFQeSI5nZwzsQxwcqKLITCVb3OoqftIfnX/48r5qj E1h3EHlnNRhjoPmO9vo5ZHbgi0jauQ==
```

DNSSEC_VALIDATION

```
;; validating viu.com/SOA: no valid signature found
; unsigned answer
viu.com.□□897□IN□SOA□ns-34.awsdns-04.com. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400
viu.com.□□897□IN□RRSIG□SOA 13 2 900 20260808113544 20260808092044 24908 viu.com. cOOAtrJPMGHIOh9qikCvpwxYzPdyykYJmr/Un9lYAjFI2h+OrFqbQ9dD UbQb8pEggYH8KbFwowH7gTtkh/7MxA==
```

TLS Handshake Evidence

IPV4 Connection

IP Used	99.86.23.245
IP Version	4

```
depth=2 OU = GlobalSign Root CA - R3, O = GlobalSign, CN = GlobalSign
verify return:1
depth=1 C = BE, O = GlobalSign nv-sa, CN = GlobalSign GCC R3 EV TLS CA 2025
verify return:1
depth=0 businessCategory = Private Organization, serialNumber = 2431100, jurisdictionC = HK, C = HK, ST = Hong Kong Island, L = Eastern, O = PCCW OTT (Hong Kong)
Limited, CN = www.viu.com
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:businessCategory = Private Organization, serialNumber = 2431100, jurisdictionC = HK, C = HK, ST = Hong Kong Island, L = Eastern, O = PCCW OTT (Hong Kong)
Limited, CN = www.viu.com
   i:C = BE, O = GlobalSign nv-sa, CN = GlobalSign GCC R3 EV TLS CA 2025
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Nov 11 07:11:31 2025 GMT; NotAfter: Dec 13 07:11:30 2026 GMT
-----BEGIN CERTIFICATE-----
MIIG+DCCBeCgAwIBAgIMbDtDHt+IDsBI1TkhMA0GCSqGSIb3DQEBCwUAMFMxCzAJ
BgNVBAYTAkJFMRkwFwYDVQQKExBHbG9iYWxTaWduIG52LXNhMSkwJwYDVQQDEyBH
bG9iYWxTaWduIEdDQyBSMyBFViBUTFMgQ0EgMjAyNTAeFw0yNTExMTEwNzExMzFa
Fw0yNjEyMTMwNzExMzBaMIG9MR0wGwYDVQQPDBRQcml2YXRlIE9yZ2FuaXphdGlv
bjEQMA4GA1UEBRMHMjQzMTEwMDETMBEGCysGAQQBgjc8AgEDEwJISzELMAkGA1UE
BhMCSEsxGTAXBgNVBAgTEEhvbmcgS29uZyBJc2xhbmQxEDAOBgNVBAcTB0Vhc3Rl
cm4xJTAjBgNVBAoTHFBDQ1cgT1RUIChIb25nIEtvbmcpIExpbWl0ZWQxFDASBgNV
BAMTC3d3dy52aXUuY29tMIIBIjANBgkqhkiG9w0BAQEFAAOCAQ8AMIIBCgKCAQEA
v4UyR9TzN/9I4vagRsQJPwR6YgtBz1hPq3nDa+kiefldGMI82K+bZTKw83lPkihM
NR524OyJ4ySbR++tlj5KHJgqSeIWX+jgb7g1GILEcu2SmEA9jtS/PWIFnDEnIBhw
Xn3SOb4zI6sXHbJr1Sa8cQXd6JrMxToFigqy2ab6QmiRAF56i/gUtqkThEGGtHR0
Dnr9dCmc7ATw9niz3hOaeoKqbpYSqbb5ii3jiTZ7xtM2Q67CAB2G327gq2Ly5QMN
2Ovr38lamD2kMV/QnD0t6SzsFA7s36wqCE7sJnTCyJGVlFV+99V3HO2ihF6xnzqC
y6nWpZFh8S9TL/a7i2dK1wIDAQABo4IDXzCCA1swDgYDVR0PAQH/BAQDAgWgMAwG
A1UdEwEB/wQCMAAwgZMGCCsGAQUFBwEBBIGGMIGDMEYGCCsGAQUFBzAChjpodHRw
Oi8vc2VjdXJlLmdsb2JhbHNpZ24uY29tL2NhY2VydC9nc2djY3IzZXZ0bHNjYTIw
MjUuY3J0MDkGCCsGAQUFBzABhi1odHRwOi8vb2NzcC5nbG9iYWxzaWduLmNvbS9n
c2djY3IzZXZ0bHNjYTIwMjUwYwYDVR0gBFwwWjAHBgVngQwBATBCBgorBgEEAaAy
CgEBMDQwMgYIKwYBBQUHAgEWJmh0dHBzOi8vd3d3Lmdsb2JhbHNpZ24uY29tL3Jl
cG9zaXRvcnkvMAsGCSsGAQQBoDIBATBBBgNVHR8EOjA4MDagNKAyhjBodHRwOi8v
Y3JsLmdsb2JhbHNpZ24uY29tL2dzZ2NjcjNldnRsc2NhMjAyNS5jcmwwHwYDVR0R
BBgwFoILd3d3LnZpdS5jb22CB3ZpdS5jb20wHQYDVR0lBBYwFAYIKwYBBQUHAwEG
CCsGAQUFBwMCMB8GA1UdIwQYMBaAFGMQf+QoM5r4R2BZUn5XEMdN+BcWMB0GA1Ud
DgQWBBSO/RzxZI+z93ntvJDJvKCTAwnKLjCCAXsGCisGAQQB1nkCBAIEggFrBIIB
ZwFlAHUArKswcGzr7IQx9BPS9JFfER5CJEOx8qaMTzwrO6ceAsMAAAGaccFyTgAA
BAMARjBEAiBMnUL6bQH9wBEezE0Y0TSbuClCwnkE0gtzP9in68b/CQIgc4xEjCMD
wfDT/YCNgNN/WI9FWeSrGEWyQ9mcriraVpAAdQDLOPcViXyEoURfW8Hd+8lu8ppZ
zUcKaQWFsMsUwxRY5wAAAZpxwXJOAAAEAwBGMEQCIDEb1HTu//pD4WpDf1ZYcqox
RsuFCmDFhAbTcJInPu/IAiBcFXjk2Ib+IijvOcBMS/kHBJRsGB5RkCHit0iVbIQE
uAB1AMijxH/Hs625NWsBP2p6Em3jOk5DpcZG+ZetOXWZHc+aAAABmnHBcnYAAAQD
AEYwRAIgaxqs0ZeTtqsSBZWX6i2/JCT88TcGYxqHMo8IAnbIUcMCICkhR5kvnK5F
KdK6Cf5PEN1qYoXheBXNyr/S9umsywRYMA0GCSqGSIb3DQEBCwUAA4IBAQAUD3gd
BJUwRKjJuadrhsayT/r6X+ydyMRGHKnbq+46OKGb5yBOgsuT0ThwkkqywzqADJJF
Vk9vlxlYl7u/bDvaQNuFf2JV+ppGtvG2Wrq67Sq8g4eTwC6C8ctHHvtQvfVW4Ch2
kpwoUR3AoUzWqYI7SwFB4jriVgQqmc0WD2VW4mukJ2RCivoE2mbQdVYNa/Y0rtzZ
EO2AQMINsP48Lef+aahNm1ag7UhHefmohtGDC3A+My+OKd2EE3ReEfie2e37R3oH
rNn+5Ox7PMAq1aFDkCxUXOI7bJQcSR1p7aAZDs0IDXQp+E8XLSYdyiK/EPquJ+CE
WjJGqQQ+yZRmRdts
-----END CERTIFICATE-----
 1 s:C = BE, O = GlobalSign nv-sa, CN = GlobalSign GCC R3 EV TLS CA 2025
   i:OU = GlobalSign Root CA - R3, O = GlobalSign, CN = GlobalSign
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Jul 16 03:05:46 2025 GMT; NotAfter: Jul 16 00:00:00 2027 GMT
-----BEGIN CERTIFICATE-----
MIIElzCCA3+gAwIBAgIRAIPahmyfUtUakxi40OfAMWkwDQYJKoZIhvcNAQELBQAw
TDEgMB4GA1UECxMXR2xvYmFsU2lnbiBSb290IENBIC0gUjMxEzARBgNVBAoTCkds
b2JhbFNpZ24xEzARBgNVBAMTCkdsb2JhbFNpZ24wHhcNMjUwNzE2MDMwNTQ2WhcN
MjcwNzE2MDAwMDAwWjBTMQswCQYDVQQGEwJCRTEZMBcGA1UEChMQR2xvYmFsU2ln
biBudi1zYTEpMCcGA1UEAxMgR2xvYmFsU2lnbiBHQ0MgUjMgRVYgVExTIENBIDIw
MjUwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQDEG4l4CpUk556CyXIA
B3ihV2b8sWMNGwnW0wCpuaHHA5rlXpSWE1AD6r9hyGhQOrc45nPOj6Fvsqw8dFZw
FpAJzlk6FxhYP1ve8KPJvIpt6f5v28jOlzfs8c7dJ8ZmqKHB0Zj6RbAvA9vAl2A3
j0mu+ooXN3/QaFvVihDV/SRyOfFBlhPAsRk8y97tLPWx7/4YzfE6NSLKsU1yF+tf
BTttbaXTH/cWY/KQE3ZHTFRo6XouemjPBP9CDXeTR11tm37Bgn3QOj93FHdi1JJp
eNBGEOGvM8qhTV/77kDiUyOvsp4jZOhas6kIRn8nWK7fCPNdFJYi1Ctvd7gnQ1gB
lW71AgMBAAGjggFrMIIBZzAOBgNVHQ8BAf8EBAMCAYYwHQYDVR0lBBYwFAYIKwYB
BQUHAwEGCCsGAQUFBwMCMBIGA1UdEwEB/wQIMAYBAf8CAQAwHQYDVR0OBBYEFGMQ
```

```
f+QoM5r4R2BZUn5XEMdN+BcWMB8GA1UdIwQYMBaAFI/wS3+oLkUkrk1Q+mOai97i
3Ru8MHsGCCsGAQUFBwEBBG8wbTAuBggrBgEFBQcwAYYiaHR0cDovL29jc3AyLmds
b2JhbHNpZ24uY29tL3Jvb3RyMzA7BggrBgEFBQcwAoYvaHR0cDovL3NlY3VyZS5n
bG9iYWxzaWduLmNvbS9jYWNlcnQvcm9vdC1yMy5jcnQwNgYDVR0fBC8wLTAroCmg
J4YlaHR0cDovL2NybC5nbG9iYWxzaWduLmNvbS9yb290LXIzLmNybDAtBgNVHSAE
JjAkMAcGBWeBDAEBMAwGCisGAQQBoDIKAQEwCwYJKwYBBAGgMgEBMA0GCSqGSIb3
DQEBCwUAA4IBAQCtcTjIgw+tiW7E+sCTJ36nrC0IOxMpwE+nTaUG1xQJb+QE18vF
cPvEiqv8OonEBkQJFQ1N5YdDu9kydDYXBmIheYD9Z//TlUBnLL7HBje1ugplB0xE
jpU52q0XLxe6nHfeEKnslZ/Q/eDEsjZKxwF51SlGO6ap+09hfdbfMXDkTsfa+yXg
dIxZRCud0QEBTZAow0iCs3rf5wVALhhh2ePEwqxEm1LkUhvkJMLSCobYcJ+vXprK
JijbpPM602H1kqxNcD/nE7aCNm7g5GTaT04SCGYiQJ32r9mhx34peuYz05pY+AA3
aVB22PDvfoNyGZyClRtNt4KKg8dGJlYEhc3D
-----END CERTIFICATE-----
 2 s:OU = GlobalSign Root CA - R3, O = GlobalSign, CN = GlobalSign
   i:OU = GlobalSign Root CA - R3, O = GlobalSign, CN = GlobalSign
   a:PKEY: 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
A1UECxMXR2xvYmFsU2lnbiBSb290IENBIC0gUjMxEzARBgNVBAoTCkdsb2JhbFNp
Z24xEzARBgNVBAMTCkdsb2JhbFNpZ24wHhcNMDkwMzE4MTAwMDAwWhcNMjkwMzE4
MTAwMDAwWjBMMSAwHgYDVQQLExdHbG9iYWxTaWduIFJvb3QgQ0EgLSBSMzETMBEG
A1UEChMKR2xvYmFsU2lnbjETMBEGA1UEAxMKR2xvYmFsU2lnbjCCASIwDQYJKoZI
hvcNAQEBBQADggEPADCCAQoCggEBAMwldpB5BngiFvXAg7aEyiie/QV2EcWtiHL8
RgJDx7KKnQRfJMsuS+FggkbhUqsMgUdwbN1k0ev1LKMPgj0MK66X17YUhhB5uzsT
gHeMCOFJ0mpiLx9e+pZo34knlTifBtc+ycsmWQ1z3rDI6SYOgxXG71uL0gRgykmm
KPZpO/bLyCiR5Z2KYVc3rHQU3HTgOu5yLy6c+9C7v/U9AOEGM+iCK65TpjoWc4zd
QQ4gOsC0p6Hpsk+QLjJg6VfLuQSSaGjlOCZgdbKfd/+RFO+uIEn8rUAVSNECMWEZ
XriX7613t2Saer9fwRPvm2L7DWzgVGkWqQPabumDk3F2xmmFghcCAwEAAaNCMEAw
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	99.86.23.245
Connect Time	26.76 ms
TTFB	87.16 ms
Total Time	87.36 ms

Response Headers:

```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Server: CloudFront",
    "2": "Date: Sat, 08 Aug 2026 10:20:49 GMT",
    "3": "Content-Type: text/html",
    "4": "Content-Length: 167",
    "5": "Connection: keep-alive",
    "6": "Location: https://viu.com/",
    "7": "X-Cache: Redirect from cloudfront",
    "8": "Via: 1.1 1323e7137b11103a6b6b16b9fd37de72.cloudfront.net (CloudFront)",
    "9": "X-Amz-Cf-Pop: SIN3-P2",
    "10": "Alt-Svc: h3=\":443\"; ma=86400",
    "11": "X-Amz-Cf-Id: 241yE1KopQQBkWAPzR2yq83Do3OdeOBniiq_DnzH1tWPmHPKnuzTnQ==",
    "13": "HTTP/2 301",
    "14": "content-type: text/html",
    "15": "content-length: 162",
    "16": "location: https://www.viu.com/index.php",
    "17": "date: Sat, 08 Aug 2026 10:20:45 GMT",
    "18": "set-cookie: AWSALB=7QpSneqFUkhZlMAx4PPybjpni6/crL4jmEKr+NbLqTsnwBmKgm/xQIhkg//B+c4Xm3P9J4IIcjYs5MUr11o+i5OFDC7cwHY3+gaUClnsBJgqVZjNJqIrx/6Fqiiu;
Expires=Sat, 15 Aug 2026 10:20:45 GMT; Path=/",
    "19": "set-cookie: AWSALBCORS=7QpSneqFUkhZlMAx4PPybjpni6/crL4jmEKr+NbLqTsnwBmKgm/xQIhkg//B+c4Xm3P9J4IIcjYs5MUr11o+i5OFDC7cwHY3+gaUClnsBJgqVZjNJqIrx/6Fqiiu;
Expires=Sat, 15 Aug 2026 10:20:45 GMT; Path=/; SameSite=None; Secure",
    "20": "server: nginx",
    "21": "x-cache: Hit from cloudfront",
    "22": "via: 1.1 29a257ecf04f1c3b0a1252a2ef64e5ac.cloudfront.net (CloudFront)",
    "23": "x-amz-cf-pop: SIN3-P2",
    "24": "alt-svc: h3=\":443\"; ma=86400",
    "25": "x-amz-cf-id: Z_-ZEXjvhyfRXB4ppk_MH3CAsDhNHkBVa5UQ4PvMy-wemm8zDufUYw==",
    "26": "age: 4",
    "28": "HTTP/2 302",
    "29": "content-type: text/html; charset=UTF-8",
    "30": "location: https://www.viu.com/ott/my",
    "31": "date: Sat, 08 Aug 2026 10:20:45 GMT",
    "32": "set-cookie: AWSALB=UbQ51IgFxz//DPpPzS5X2lxUdfpx4rZkkeq+Q0rA5v+EIWmjZNvO/injme/SXvoDpgSr4CHy/6uhfYFIru7kXuhzu5WZRhY7Xr/VDdsBDnlu+0rVuubBYnPIrtvK;
Expires=Sat, 15 Aug 2026 10:20:45 GMT; Path=/",
    "33": "set-cookie: AWSALBCORS=UbQ51IgFxz//DPpPzS5X2lxUdfpx4rZkkeq+Q0rA5v+EIWmjZNvO/injme/SXvoDpgSr4CHy/6uhfYFIru7kXuhzu5WZRhY7Xr/VDdsBDnlu+0rVuubBYnPIrtvK;
Expires=Sat, 15 Aug 2026 10:20:45 GMT; Path=/; SameSite=None; Secure",
    "34": "server: nginx",
    "35": "cache-control: public,s-maxage=60",
    "36": "x-cache: Hit from cloudfront",
    "37": "via: 1.1 33c5838586a4fe832f9b31ec54f54470.cloudfront.net (CloudFront)",
    "38": "x-amz-cf-pop: SIN3-P2",
    "39": "alt-svc: h3=\":443\"; ma=86400",
    "40": "x-amz-cf-id: cOxxKavEf9ABLBeH-KlAUj34j99Lwtcwue-S4PdmBPUI7O_qYgQMOw==",
    "41": "age: 4",
    "43": "HTTP/2 200",
    "44": "content-type: text/html; charset=utf-8",
    "45": "content-length: 1353105",
    "46": "date: Sat, 08 Aug 2026 10:20:46 GMT",
    "47": "cache-control: max-age=300, stale-while-revalidate=600",
    "48": "x-middleware-rewrite: /ott/my",
    "49": "etag: \"70daczx38psw3w\"",
    "50": "vary: Accept-Encoding",
    "51": "x-cache: Hit from cloudfront",
    "52": "via: 1.1 33c5838586a4fe832f9b31ec54f54470.cloudfront.net (CloudFront)",
    "53": "x-amz-cf-pop: SIN3-P2",
    "54": "alt-svc: h3=\":443\"; ma=86400",
    "55": "x-amz-cf-id: d4PjjdJjW-LHysYCkrjf2UW8eAWH94Bzi-wD21sTLoB49wzhoEpRWg==",
    "56": "age: 3",
    "57": "x-xss-protection: 1; mode=block",
    "58": "x-frame-options: SAMEORIGIN",
    "59": "referrer-policy: strict-origin-when-cross-origin",
    "60": "x-content-type-options: nosniff",
    "61": "strict-transport-security: max-age=31536000"
}
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	99.86.23.245
Connect Time	16.56 ms
TTFB	68.62 ms
Total Time	68.76 ms

Response Headers:


```
{
```

```
    "0": "HTTP/2 301",
    "1": "content-type: text/html",
    "2": "content-length: 162",
    "3": "location: https://www.viu.com/index.php",
    "4": "date: Sat, 08 Aug 2026 10:20:45 GMT",
    "5": "set-cookie: AWSALB=7QpSneqFUkhZlMAx4PPybjpni6/crL4jmEKr+NbLqTsnwBmKgm/xQIhkg//B+c4Xm3P9J4IIcjYs5MUr11o+i5OFDC7cwHY3+gaUClnsBJgqVZjNJqIrx/6Fqiiu;
Expires=Sat, 15 Aug 2026 10:20:45 GMT; Path=/",
    "6": "set-cookie: AWSALBCORS=7QpSneqFUkhZlMAx4PPybjpni6/crL4jmEKr+NbLqTsnwBmKgm/xQIhkg//B+c4Xm3P9J4IIcjYs5MUr11o+i5OFDC7cwHY3+gaUClnsBJgqVZjNJqIrx/6Fqiiu;
Expires=Sat, 15 Aug 2026 10:20:45 GMT; Path=/; SameSite=None; Secure",
    "7": "server: nginx",
    "8": "x-cache: Hit from cloudfront",
    "9": "via: 1.1 71cef8719ec0e44876d9678149fd8472.cloudfront.net (CloudFront)",
    "10": "x-amz-cf-pop: SIN3-P2",
    "11": "alt-svc: h3=\":443\"; ma=86400",
    "12": "x-amz-cf-id: meSgVZL3dIkkrmTu8FFiU-cUkwDqFHZkmuBxk_UH5nfgYQEZ_GUXDA==",
    "13": "age: 4",
    "15": "HTTP/2 302",
    "16": "content-type: text/html; charset=UTF-8",
    "17": "location: https://www.viu.com/ott/my",
    "18": "date: Sat, 08 Aug 2026 10:20:45 GMT",
    "19": "set-cookie: AWSALB=UbQ51IgFxz//DPpPzS5X2lxUdfpx4rZkkeq+Q0rA5v+EIWmjZNvO/injme/SXvoDpgSr4CHy/6uhfYFIru7kXuhzu5WZRhY7Xr/VDdsBDnlu+0rVuubBYnPIrtvK;
Expires=Sat, 15 Aug 2026 10:20:45 GMT; Path=/",
    "20": "set-cookie: AWSALBCORS=UbQ51IgFxz//DPpPzS5X2lxUdfpx4rZkkeq+Q0rA5v+EIWmjZNvO/injme/SXvoDpgSr4CHy/6uhfYFIru7kXuhzu5WZRhY7Xr/VDdsBDnlu+0rVuubBYnPIrtvK;
Expires=Sat, 15 Aug 2026 10:20:45 GMT; Path=/; SameSite=None; Secure",
    "21": "server: nginx",
    "22": "cache-control: public,s-maxage=60",
    "23": "x-cache: Hit from cloudfront",
    "24": "via: 1.1 58ac9e7bad94891f4a32cb05366b699e.cloudfront.net (CloudFront)",
    "25": "x-amz-cf-pop: SIN3-P2",
    "26": "alt-svc: h3=\":443\"; ma=86400",
    "27": "x-amz-cf-id: PSVU40KQ33XV9c8zKoBHz9Z06p5hrFHDWLOlwe4wt2cd15WFTtZ_Cw==",
    "28": "age: 4",
    "30": "HTTP/2 200",
    "31": "content-type: text/html; charset=utf-8",
    "32": "content-length: 1353105",
    "33": "date: Sat, 08 Aug 2026 10:20:46 GMT",
    "34": "cache-control: max-age=300, stale-while-revalidate=600",
    "35": "x-middleware-rewrite: /ott/my",
    "36": "etag: \"70daczx38psw3w\"",
    "37": "vary: Accept-Encoding",
    "38": "x-cache: Hit from cloudfront",
    "39": "via: 1.1 58ac9e7bad94891f4a32cb05366b699e.cloudfront.net (CloudFront)",
    "40": "x-amz-cf-pop: SIN3-P2",
    "41": "alt-svc: h3=\":443\"; ma=86400",
    "42": "x-amz-cf-id: L5pwo57oml5N1TLWq68C6FAeNXb6N4aWWPYKyc64CUQXG-Ur0GSE9Q==",
    "43": "age: 3",
    "44": "x-xss-protection: 1; mode=block",
    "45": "x-frame-options: SAMEORIGIN",
    "46": "referrer-policy: strict-origin-when-cross-origin",
    "47": "x-content-type-options: nosniff",
    "48": "strict-transport-security: max-age=31536000"
}
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.007460 0.015455
TCP Connect IPv4 → port 443	301 0.006942 0.041976

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
fd7a:115c:a1e0::1136:5807 dev tailscale0 proto kernel metric 256 pref medium
fe80::/64 dev eth0 proto kernel metric 256 pref medium
fe80::/64 dev tailscale0 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
```