IPv6 Readiness Report

segi.edu.my — segi.edu.my

Scan to verify

Category: Education • Generated: 02 Nov 2026, 03:07 MYT • Last Checked: 08 Aug 2026, 18:32 MYT • Verification ID: fbaea023-5da2-477d-963f-9f309a9fadf5
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/fbaea023-5da2-477d-963f-9f309a9fadf5

⚠
Partially Compliant
MGv6C-1.0

69%
Partial Support

IPV6-ONLY READINESS
Website: ✗ **Not Ready**
DNS: ✓ **Ready**
Email: ✗ **Not Ready**

IPV6 ADDRESSES
2606:4700:20::681a:d6
2606:4700:20::ac43:476c
2606:4700:20::681a:1d6

IPV4 ADDRESSES
104.26.0.214
172.67.71.108
104.26.1.214

Network Information (WHOIS / RDAP)

	IPv6 Network	IPv4 Network
Organization	Cloudflare, Inc.	Cloudflare, Inc.
Country	US	US
ASN	AS13335	AS13335
ASN Name	CLOUDFLARENET - Cloudflare, Inc., US	CLOUDFLARENET - Cloudflare, Inc., US
Network (CIDR)	2606:4700::/32	104.16.0.0/12

Web Services (35%) — 6 / 8

#	CHECK	RESULT	DETAIL
1	**AAAA Record**	PASS	2606:4700:20::681a:d6, 2606:4700:20::ac43:476c, 2606:4700:20::681a:1d6
2	**Globally Routable IPv6**	PASS	All addresses are globally routable.
3	**HTTP over IPv6**	PASS	HTTP (port 80) responds over IPv6 — 121ms TTFB.
4	**HTTPS over IPv6**	PASS	HTTPS (port 443) responds over IPv6 — 84ms TTFB.
5	**IPv6-Only Reachability**	FAIL	Site is not reachable when limited to IPv6-only.
6	**TLS Certificate Valid (IPv6)**	PASS	Certificate valid — issued by C = US, O = Google Trust Services, CN = WE1, expires Oct 22 04:42:22 2026 GMT
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%) — 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.

#	CHECK	RESULT	DETAIL
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%) — 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: default._domainkey
7	**DMARC Record**	PASS	DMARC record found.

IPv4 Baseline (15%) — 3 / 3

#	CHECK	RESULT	DETAIL
1	**A Record**	PASS	104.26.0.214, 172.67.71.108, 104.26.1.214
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 114ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 80ms TTFB.

Audit Trail & Evidence Record

Verification ID	fbaea023-5da2-477d-963f-9f309a9fadf5
Domain	segi.edu.my
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:32:04 MYT
Finished	08 Aug 2026, 18:32:11 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/fbaea023-5da2-477d-963f-9f309a9fadf5

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	afb9cff129c13750cdff9343971be13b905689a81cef3568298bc7ad22ec2d5e
http_headers	d1d7989b32c8ba0319a5df5d91252098a163a23063dc75b57e75ebf43c077b92
dns_responses	5ea123071068451fa3715dc4ac1fb104b89f97d96d9acca0a75f821bf73be0c7
tls_handshake	a51e855bfd35627f33ac72a95a41096567c4cd4945e524bacc691fa81851d9ff
connectivity_log	6ef2c03e7500bad6ce43969db4ee9999f9cc9fc9d03ae881dff8a5132dff1e64
dns_resolution_times	b4a189a00d1f42599aff1e090bb3541e3c46569f03f97674ebe855fe353aa96d

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	23.78	28.89	21.92	23.7	-1.9
Google	IPv4	89.65	97.44	86.45	91.82	-3.2
Google	IPv6	87.82	93.55	30.31	84.86	-57.5
Cloudflare	IPv4	25.07	25.46	22.17	30.91	-2.9
Cloudflare	IPv6	22.15	22.8	24.53	32.07	+2.4

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 15098
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
segi.edu.my.□□300□IN□A□172.67.71.108
segi.edu.my.□□300□IN□A□104.26.1.214
segi.edu.my.□□300□IN□A□104.26.0.214
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 31131
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
edu.my.□□□3581□IN□SOA□e.nic.my. hostmaster.nic.my. 2026062857 1800 900 604800 3600
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 53346
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
segi.edu.my.□□300□IN□MX□0 segi.in.tmes.trendmicro.com.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 25338
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
segi.edu.my.□□59594□IN□NS□andy.ns.cloudflare.com.
segi.edu.my.□□59594□IN□NS□kay.ns.cloudflare.com.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 19223
;; flags: qr rd ra; QUERY: 1, ANSWER: 16, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
segi.edu.my.□□300□IN□TXT□"v=spf1 include:_spfip.segi.edu.my include:spf.tmes.trendmicro.com include:_spf.salesforce.com include:spf.protection.outlook.com
include:_spf.elfomap.com include:_spf.getresponse.com include:_spf.smtp.mailtrap.live include:one.zoho.com -all"
segi.edu.my.□□300□IN□TXT□"1522905413783._domainkey.segi.edu.my"
segi.edu.my.□□300□IN□TXT□"KTYZPUBUJ5YIWXZQ83K8Z2EZGYGSLDN4ZZ3EH14G"
segi.edu.my.□□300□IN□TXT□"MS=ms17218423"
segi.edu.my.□□300□IN□TXT□"MS=ms27074174"
segi.edu.my.□□300□IN□TXT□"MS=ms92315060"
segi.edu.my.□□300□IN□TXT□"Sendinblue-code:25a0bd97b290be4258ee108c0c808ce5"
segi.edu.my.□□300□IN□TXT□"Sendinblue-code:99b4bf3781ebb58d04d886053ce6548d"
segi.edu.my.□□300□IN□TXT□"brevo-code:5cc5aa9dacbe6add8cbb80ae36166a7f"
segi.edu.my.□□300□IN□TXT□"brevo-code:afcbcbb68b5c5e91ede6da0347f870ba"
segi.edu.my.□□300□IN□TXT□"google-site-verification=6KuodZf0xCnV4PNSjRHx09nDbNLMVnHR95aWhXdqOzg"
segi.edu.my.□□300□IN□TXT□"google-site-verification=DFs223xRi5GplVgB_swQtkIWzALb2JTX0x_FWdbf1gc"
segi.edu.my.□□300□IN□TXT□"google-site-verification=MrRshI9S3r5VBjOtOPpj4zo-Hlww2osS6oWuQ3dY-QA"
segi.edu.my.□□300□IN□TXT□"tmes=37dcd88e4bcbd7c2af9fc1e209caa6a1"
segi.edu.my.□□300□IN□TXT□"tmes=8fdb893271dffdade49781e3d3f5afc4"
segi.edu.my.□□300□IN□TXT□"twilio-domain-verification=a266bc5812acba856d19932ea8939cf3"
```

AAAA

```
;; Got answer:
```

```
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 43599
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
segi.edu.my.□□300□IN□AAAA□2606:4700:20::681a:1d6
segi.edu.my.□□300□IN□AAAA□2606:4700:20::681a:d6
segi.edu.my.□□300□IN□AAAA□2606:4700:20::ac43:476c
```

RRSIG

```
andy.ns.cloudflare.com. dns.cloudflare.com. 2410353868 10000 2400 604800 1800
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 63084
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
segi.edu.my.□□1796□IN□SOA□andy.ns.cloudflare.com. dns.cloudflare.com. 2410353868 10000 2400 604800 1800
```

DNSSEC_VALIDATION

```
; unsigned answer
segi.edu.my.□□1796□IN□SOA□andy.ns.cloudflare.com. dns.cloudflare.com. 2410353868 10000 2400 604800 1800
```

TLS Handshake Evidence

IPV4 Connection

IP Used	104.26.0.214
IP Version	4

```
depth=2 C = US, O = Google Trust Services LLC, CN = GTS Root R4
verify return:1
depth=1 C = US, O = Google Trust Services, CN = WE1
verify return:1
depth=0 CN = segi.edu.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:CN = segi.edu.my
   i:C = US, O = Google Trust Services, CN = WE1
   a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
   v:NotBefore: Jul 24 03:42:27 2026 GMT; NotAfter: Oct 22 04:42:22 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDfTCCAyKgAwIBAgIQA71kRiBsfhgT6r0oiq6BmTAKBggqhkjOPQQDAjA7MQsw
CQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2xlIFRydXN0IFNlcnZpY2VzMQwwCgYD
VQQDEwNXRTEwHhcNMjYwNzI0MDM0MjI3WhcNMjYxMDIyMDQ0MjIyWjAWMRQwEgYD
VQQDEwtzZWdpLmVkdS5teTBZMBMGByqGSM49AgEGCCqGSM49AwEHA0IABNuTaCHU
N+n6h5FeB4BF10y+86Yced/x+8pM7RM5Z89RPeJh17ZEfTfIQ1CF7DckzPVgnfEW
Fs8JZQdEliA4w5ujggIrMIICJzAOBgNVHQ8BAf8EBAMCB4AwEwYDVR0lBAwwCgYI
KwYBBQUHAwEwDAYDVR0TAQH/BAIwADAdBgNVHQ4EFgQUhezX6jyMsrS/DYuzYFS+
yZlY/HEwHwYDVR0jBBgwFoAUkHeSNWfE/6jMqeZ72YB5e8yT+TgwNQYIKwYBBQUH
AQEEKTAnMCUGCCsGAQUFBzAChhlodHRwOi8vaS5wa2kuZ29vZy93ZTEuY3J0MCUG
A1UdEQQeMByCC3NlZ2kuZWR1Lm15gg0qLnNlZ2kuZWR1Lm15MBMGA1UdIAQMMAow
CAYGZ4EMAQIBMDYGA1UdHwQvMC0wK6ApoCeGJWh0dHA6Ly9jLnBraS5nb29nL3dl
MS9Cd1lrZDVYa1k4Yy5jcmwwggEFBgorBgEEAdZ5AgQCBIH2BIHzAPEAdwDXbX0Q
0af1d8LH6V/XAL/5gskzWmXh0LMBcxfAyMVpdwAAAZ+SbpMVAAAEAwBIMEYCIQDB
zrqNKiud9ii1ivqkIBNZ5F1U5nxJoF48W2M5KRYtcQIhAJD+VsfbMVingT/uqcNv
U9uf5668HDahL/1D+nnEBmivAHYAyKPEf8ezrbk1awE/anoSbeM6TkOlxkb5l605
dZkdz5oAAAGfkm6TQwAABAMARzBFAiEAyS6QaCc/rAeueWDFvL1bVFkqQRdRXd9f
d6jVow4oBYQCIAXcpob3MFapPtQ6BjKWYJPSqI6oGbASQabWiDv8mHEIMAoGCCqG
SM49BAMCA0kAMEYCIQDddl4NQgcMcArONBWUnZL92tysMbV5YO9EVRtd59Ut7QIh
ALzMnuoZxxxDy+Z2DYE7j3tfsr1xmPQo9Cwfln7vopY4
-----END CERTIFICATE-----
 1 s:C = US, O = Google Trust Services, CN = WE1
   i:C = US, O = Google Trust Services LLC, CN = GTS Root R4
   a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: Dec 13 09:00:00 2023 GMT; NotAfter: Feb 20 14:00:00 2029 GMT
-----BEGIN CERTIFICATE-----
MIICnzCCAiWgAwIBAgIQf/MZd5csIkp2FV0TttaF4zAKBggqhkjOPQQDAzBHMQsw
CQYDVQQGEwJVUzEiMCAGA1UEChMZR29vZ2xlIFRydXN0IFNlcnZpY2VzIExMQzEU
MBIGA1UEAxMLR1RTIFJvb3QgUjQwHhcNMjMxMjEzMDkwMDAwWhcNMjkwMjIwMTQw
MDAwWjA7MQswCQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2xlIFRydXN0IFNlcnZp
Y2VzMQwwCgYDVQQDEwNXRTEwWTATBgcqhkjOPQIBBggqhkjOPQMBBwNCAARvzTr+
Z1dHTCEDhUDCR127WEcPQMFcF4XGGTfn1XzthkubgdnXGhOlCgP4mMTG6J7/EFmP
LCaY9eYmJbsPAvpWo4H+MIH7MA4GA1UdDwEB/wQEAwIBhjAdBgNVHSUEFjAUBggr
BgEFBQcDAQYIKwYBBQUHAwIwEgYDVR0TAQH/BAgwBgEB/wIBADAdBgNVHQ4EFgQU
kHeSNWfE/6jMqeZ72YB5e8yT+TgwHwYDVR0jBBgwFoAUgEzW63T/STaj1dj8tT7F
avCUHYwwNAYIKwYBBQUHAQEEKDAmMCQGCCsGAQUFBzAChhhodHRwOi8vaS5wa2ku
Z29vZy9yNC5jcnQwKwYDVR0fBCQwIjAgoB6gHIYaaHR0cDovL2MucGtpLmdvb2cv
ci9yNC5jcmwwEwYDVR0gBAwwCjAIBgZngQwBAgEwCgYIKoZIzj0EAwMDaAAwZQIx
AOcCq1HW90OVznX+0RGU1cxAQXomvtgM8zItPZCuFQ8jSBJSjz5keROv9aYsAm5V
sQIwJonMaAFi54mrfhfoFNZEfuNMSQ6/bIBiNLiyoX46FohQvKeIoJ99cx7sUkFN
7uJW
-----END CERTIFICATE-----
 2 s:C = US, O = Google Trust Services LLC, CN = GTS Root R4
   i:C = BE, O = GlobalSign nv-sa, OU = Root CA, CN = GlobalSign Root CA
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: RSA-SHA256
   v:NotBefore: Nov 15 03:43:21 2023 GMT; NotAfter: Jan 28 00:00:42 2028 GMT
-----BEGIN CERTIFICATE-----
MIIDejCCAmKgAwIBAgIQf+UwvzMTQ77dghYQST2KGzANBgkqhkiG9w0BAQsFADBX
MQswCQYDVQQGEwJCRTEZMBcGA1UEChMQR2xvYmFsU2lnbiBudi1zYTEQMA4GA1UE
CxMHUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnbiBSb290IENBMB4XDTIzMTEx
NTAzNDMyMVoXDTI4MDEyODAwMDA0MlowRzELMAkGA1UEBhMCVVMxIjAgBgNVBAoT
GUdvb2dsZSBUcnVzdCBTZXJ2aWNlcyBMTEMxFDASBgNVBAMTC0dUUyBSb290IFI0
MHYwEAYHKoZIzj0CAQYFK4EEACIDYgAE83Rzp2iLYK5DuDXFgTB7S0md+8Fhzube
Rr1r1WEYNa5A3XP3iZEwWus87oV8okB2O6nGuEfYKueSkWpz6bFyOZ8pn6KY019e
WIZlD6GEZQbR3IvJx3PIjGov5cSr0R2Ko4H/MIH8MA4GA1UdDwEB/wQEAwIBhjAd
BgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUHAwIwDwYDVR0TAQH/BAUwAwEB/zAd
BgNVHQ4EFgQUgEzW63T/STaj1dj8tT7FavCUHYwwHwYDVR0jBBgwFoAUYHtmGkUN
l8qJUC99BM00qP/8/UswNgYIKwYBBQUHAQEEKjAoMCYGCCsGAQUFBzAChhpodHRw
Oi8vaS5wa2kuZ29vZy9nc3IxLmNydDAtBgNVHR8EJjAkMCKgIKAehhxodHRwOi8v
```

```
Yy5wa2kuZ29vZy9yL2dzcjEuY3JsMBMGA1UdIAQMMAowCAYGZ4EMAQIBMA0GCSqG
SIb3DQEBCwUAA4IBAQAYQrsPBtYDh5bjP2OBDwmkoWhIDDkic574y04tfzHpn+cJ
odI2D4SseesQ6bDrarZ7C30ddLibZatoKiws3UL9xnELz4ct92vID24FfVbiI1hY
+SW6FoVHkNeWIP0GCbaM4C6uVdF5dTUsMVs/ZbzNnIdCp5Gxmx5ejvEau8otR/Cs
kGN+hr/W5GvT1tMBjgWKZ1i4//emhA1JG1BbPzoLJQvyEotc03lXjTaCzv8mEbep
8RqZ7a2CPsgRbuvTPBwcOMBBmuFeU88+FSBX6+7iP0il8b4Z0QFqIwwMHfs/L6K1
vepuoxtGzi4CZ68zJpiq1UvSqTbFJjtbD4seiMHl
-----END CERTIFICATE-----
---
Server certificate
subject=CN = segi.edu.my
issuer=C = US, O = Google Trust Services, CN = WE1
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: ECDSA
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 2785 bytes and written 393 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_256_GCM_SHA384
Server public key is 256 bit
Secure Renegotiation IS NOT supported
Compression: NONE
Expansion: NONE
No ALPN negotiated
Early data was not sent
```

IPV6 Connection

IP Used	2606:4700:20::681a:d6
IP Version	6

```
depth=2 C = US, O = Google Trust Services LLC, CN = GTS Root R4
verify return:1
depth=1 C = US, O = Google Trust Services, CN = WE1
verify return:1
depth=0 CN = segi.edu.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:CN = segi.edu.my
   i:C = US, O = Google Trust Services, CN = WE1
   a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
   v:NotBefore: Jul 24 03:42:27 2026 GMT; NotAfter: Oct 22 04:42:22 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDfTCCAyKgAwIBAgIQA71kRiBsfhgT6r0oiq6BmTAKBggqhkjOPQQDAjA7MQsw
CQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2xlIFRydXN0IFNlcnZpY2VzMQwwCgYD
VQQDEwNXRTEwHhcNMjYwNzI0MDM0MjI3WhcNMjYxMDIyMDQ0MjIyWjAWMRQwEgYD
VQQDEwtzZWdpLmVkdS5teTBZMBMGByqGSM49AgEGCCqGSM49AwEHA0IABNuTaCHU
N+n6h5FeB4BF10y+86Yced/x+8pM7RM5Z89RPeJh17ZEfTfIQ1CF7DckzPVgnfEW
Fs8JZQdEliA4w5ujggIrMIICJzAOBgNVHQ8BAf8EBAMCB4AwEwYDVR0lBAwwCgYI
KwYBBQUHAwEwDAYDVR0TAQH/BAIwADAdBgNVHQ4EFgQUhezX6jyMsrS/DYuzYFS+
yZlY/HEwHwYDVR0jBBgwFoAUkHeSNWfE/6jMqeZ72YB5e8yT+TgwNQYIKwYBBQUH
AQEEKTAnMCUGCCsGAQUFBzAChhlodHRwOi8vaS5wa2kuZ29vZy93ZTEuY3J0MCUG
A1UdEQQeMByCC3NlZ2kuZWR1Lm15gg0qLnNlZ2kuZWR1Lm15MBMGA1UdIAQMMAow
CAYGZ4EMAQIBMDYGA1UdHwQvMC0wK6ApoCeGJWh0dHA6Ly9jLnBraS5nb29nL3dl
MS9Cd1lrZDVYa1k4Yy5jcmwwggEFBgorBgEEAdZ5AgQCBIH2BIHzAPEAdwDXbX0Q
0af1d8LH6V/XAL/5gskzWmXh0LMBcxfAyMVpdwAAAZ+SbpMVAAAEAwBIMEYCIQDB
zrqNKiud9ii1ivqkIBNZ5F1U5nxJoF48W2M5KRYtcQIhAJD+VsfbMVingT/uqcNv
U9uf5668HDahL/1D+nnEBmivAHYAyKPEf8ezrbk1awE/anoSbeM6TkOlxkb5l605
dZkdz5oAAAGfkm6TQwAABAMARzBFAiEAyS6QaCc/rAeueWDFvL1bVFkqQRdRXd9f
d6jVow4oBYQCIAXcpob3MFapPtQ6BjKWYJPSqI6oGbASQabWiDv8mHEIMAoGCCqG
SM49BAMCA0kAMEYCIQDddl4NQgcMcArONBWUnZL92tysMbV5YO9EVRtd59Ut7QIh
ALzMnuoZxxxDy+Z2DYE7j3tfsr1xmPQo9Cwfln7vopY4
-----END CERTIFICATE-----
 1 s:C = US, O = Google Trust Services, CN = WE1
   i:C = US, O = Google Trust Services LLC, CN = GTS Root R4
   a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: Dec 13 09:00:00 2023 GMT; NotAfter: Feb 20 14:00:00 2029 GMT
-----BEGIN CERTIFICATE-----
MIICnzCCAiWgAwIBAgIQf/MZd5csIkp2FV0TttaF4zAKBggqhkjOPQQDAzBHMQsw
CQYDVQQGEwJVUzEiMCAGA1UEChMZR29vZ2xlIFRydXN0IFNlcnZpY2VzIExMQzEU
MBIGA1UEAxMLR1RTIFJvb3QgUjQwHhcNMjMxMjEzMDkwMDAwWhcNMjkwMjIwMTQw
MDAwWjA7MQswCQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2xlIFRydXN0IFNlcnZp
Y2VzMQwwCgYDVQQDEwNXRTEwTATBgcqhkjOPQIBBggqhkjOPQMBBwNCAARvzTr+
Z1dHTCEDhUDCR127WEcPQMFcF4XGGTfn1XzthkubgdnXGhOlCgP4mMTG6J7/EFmP
```

```
LCaY9eYmJbsPAvpWo4H+MIH7MA4GA1UdDwEB/wQEAwIBhjAdBgNVHSUEFjAUBggr
BgEFBQcDAQYIKwYBBQUHAwIwEgYDVR0TAQH/BAgwBgEB/wIBADAdBgNVHQ4EFgQU
kHeSNWfE/6jMqeZ72YB5e8yT+TgwHwYDVR0jBBgwFoAUgEzW63T/STaj1dj8tT7F
avCUHYwwNAYIKwYBBQUHAQEEKDAmMCQGCCsGAQUFBzAChhhodHRwOi8vaS5wa2ku
Z29vZy9yNC5jcnQwKwYDVR0fBCQwIjAgoB6gHIYaaHR0cDovL2MucGtpLmdvb2cv
ci9yNC5jcmwwEwYDVR0gBAwwCjAIBgZngQwBAgEwCgYIKoZIzj0EAwMDaAAwZQIx
AOcCq1HW90OVznX+0RGU1cxAQXomvtgM8zItPZCuFQ8jSBJSjz5keROv9aYsAm5V
sQIwJonMaAFi54mrfhfoFNZEfuNMSQ6/bIBiNLiyoX46FohQvKeIoJ99cx7sUkFN
7uJW
-----END CERTIFICATE-----
 2 s:C = US, O = Google Trust Services LLC, CN = GTS Root R4
   i:C = BE, O = GlobalSign nv-sa, OU = Root CA, CN = GlobalSign Root CA
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: RSA-SHA256
   v:NotBefore: Nov 15 03:43:21 2023 GMT; NotAfter: Jan 28 00:00:42 2028 GMT
-----BEGIN CERTIFICATE-----
MIIDejCCAmKgAwIBAgIQf+UwvzMTQ77dghYQST2KGzANBgkqhkiG9w0BAQsFADBX
MQswCQYDVQQGEwJCRTEZMBcGA1UEChMQR2xvYmFsU2lnbiBudi1zYTEQMA4GA1UE
CxMHUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnbiBSb290IENBMB4XDTIzMTEx
NTAzNDMyMVoXDTI4MDEyODAwMDA0MlowRzELMAkGA1UEBhMCVVMxIjAgBgNVBAoT
GUdvb2dsZSBUcnVzdCBTZXJ2aWNlcyBMTEMxFDASBgNVBAMTC0dUUyBSb290IFI0
MHYwEAYHKoZIzj0CAQYFK4EEACIDYgAE83Rzp2iLYK5DuDXFgTB7S0md+8Fhzube
Rr1r1WEYNa5A3XP3iZEwWus87oV8okB2O6nGuEfYKueSkWpz6bFyOZ8pn6KY019e
WIZlD6GEZQbR3IvJx3PIjGov5cSr0R2Ko4H/MIH8MA4GA1UdDwEB/wQEAwIBhjAd
BgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUHAwIwDwYDVR0TAQH/BAUwAwEB/zAd
BgNVHQ4EFgQUgEzW63T/STaj1dj8tT7FavCUHYwwHwYDVR0jBBgwFoAUYHtmGkUN
l8qJUC99BM00qP/8/UswNgYIKwYBBQUHAQEEKjAoMCYGCCsGAQUFBzAChhpodHRw
Oi8vaS5wa2kuZ29vZy9nc3IxLmNydDAtBgNVHR8EJjAkMCKgIKAehhxodHRwOi8v
Yy5wa2kuZ29vZy9yL2dzcjEuY3JsMBMGA1UdIAQMMAowCAYGZ4EMAQIBMA0GCSqG
SIb3DQEBCwUAA4IBAQAYQrsPBtYDh5bjP2OBDwmkoWhIDDkic574y04tfzHpn+cJ
odI2D4SseesQ6bDrarZ7C30ddLibZatoKiws3UL9xnELz4ct92vID24FfVbiI1hY
+SW6FoVHkNeWIP0GCbaM4C6uVdF5dTUsMVs/ZbzNnIdCp5Gxmx5ejvEau8otR/Cs
kGN+hr/W5GvT1tMBjgWKZ1i4//emhA1JG1BbPzoLJQvyEotc03lXjTaCzv8mEbep
8RqZ7a2CPsgRbuvTPBwcOMBBmuFeU88+FSBX6+7iP0il8b4Z0QFqIwwMHfs/L6K1
vepuoxtGzi4CZ68zJpiq1UvSqTbFJjtbD4seiMHl
-----END CERTIFICATE-----
---
Server certificate
subject=CN = segi.edu.my
issuer=C = US, O = Google Trust Services, CN = WE1
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: ECDSA
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 2785 bytes and written 393 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_256_GCM_SHA384
Server public key is 256 bit
Secure Renegotiation IS NOT supported
Compression: NONE
Expansion: NONE
No ALPN negotiated
Early data was not sent
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	403
Connected IP	104.26.0.214
Connect Time	16.86 ms
TTFB	130.37 ms
Total Time	130.48 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Sat, 08 Aug 2026 10:32:10 GMT",
    "2": "Content-Type: text/html; charset=iso-8859-1",
    "3": "Connection: keep-alive",
    "4": "Server: cloudflare",
    "5": "Location: https://segi.edu.my/",
    "6": "cf-cache-status: DYNAMIC",
    "7": "Report-To: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=Jl5x%2BaoyymcGMHS39vmdqdXts9dGHISZlUOTozbOdHstdKOyPBtQEgwvqacuAnY6QBTDd%2FzzmeBGATErVi
    "8": "Nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "9": "CF-RAY: a27ddb0b3954820b-SIN",
    "11": "HTTP/2 403",
    "12": "date: Sat, 08 Aug 2026 10:32:10 GMT",
    "13": "content-type: text/html; charset=iso-8859-1",
    "14": "server: cloudflare",
    "15": "cf-cache-status: DYNAMIC",
    "16": "report-to: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=aawt%2FZGfH%2Bg3BhW%2F4NcuyNeMK6bnl%2BMKfU6xxYR3FLkJsoUf9duQgpliQxRTD0O%2Bj79LsujRvp3A
    "17": "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "18": "cf-ray: a27ddb0baf45e428-SIN"
}
```


IPv6 HTTP (port 80)

HTTP Status	403
Connected IP	2606:4700:20::ac43:476c
Connect Time	15.8 ms
TTFB	137.46 ms
Total Time	137.55 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Sat, 08 Aug 2026 10:32:10 GMT",
    "2": "Content-Type: text/html; charset=iso-8859-1",
    "3": "Connection: keep-alive",
    "4": "Server: cloudflare",
    "5": "Location: https://segi.edu.my/",
    "6": "cf-cache-status: DYNAMIC",
    "7": "Report-To: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=uqW9%2FDuNYYSPri3IglpXHBb1gIdeCStZfwPiv%2FraDU%2BqvDx5tjy4N28n6gcLPQWtkAgZlTAts4NY80JD
    "8": "Nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "9": "CF-RAY: a27ddb09eac55fc7-SIN",
    "11": "HTTP/2 403",
    "12": "date: Sat, 08 Aug 2026 10:32:10 GMT",
    "13": "content-type: text/html; charset=iso-8859-1",
    "14": "server: cloudflare",
    "15": "cf-cache-status: DYNAMIC",
    "16": "report-to: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=LUj9GLQsYID2W9garZU6VGSAvwmSR%2BdshVmwnSubkOBjqlU%2Ba0oA4K1FGX5onSpkq5fYBJ1pbfLBL1Z%2FM
    "17": "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "18": "cf-ray: a27ddb0a6a18fd3b-SIN"
}
```


IPv4 HTTPS (port 443)

HTTP Status	403
Connected IP	104.26.0.214

Connect Time	7.3 ms
TTFB	71.34 ms
Total Time	71.38 ms

Response Headers:


```
[
    "HTTP/2 403",
    "date: Sat, 08 Aug 2026 10:32:10 GMT",
    "content-type: text/html; charset=iso-8859-1",
    "server: cloudflare",
    "cf-cache-status: DYNAMIC",
    "report-to: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=LWG%2FWviwwpQHGHkxbUW2TEfv4n1MNxajbYYGeVcVaDIjQYgjWZF1pnKZ1Hraj3zsX73ntltWVXgCTket2fw%2
    "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "cf-ray: a27ddb0c2d1b40e8-SIN"
]
```


IPv6 HTTPS (port 443)

HTTP Status	403
Connected IP	2606:4700:20::681a:d6
Connect Time	7.02 ms
TTFB	74.67 ms
Total Time	74.7 ms

Response Headers:


```
[
    "HTTP/2 403",
    "date: Sat, 08 Aug 2026 10:32:10 GMT",
    "content-type: text/html; charset=iso-8859-1",
    "server: cloudflare",
    "cf-cache-status: DYNAMIC",
    "report-to: {\"group\":\"cf-
nel\",\"max_age\":604800,\"endpoints\":[{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=%2Bd3A8ExiTkVUepthEFNLbS0FVXuG1eUhryDJJZUA9KsfQ%2Bicdl35XWSnl3%2FJUB%2F2233ajrzYNTMvIms
    "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "cf-ray: a27ddb0adcdb87c0-SIN"
]
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.007096 0.039416
TCP Connect IPv6 → port 80	301 0.006685 0.046645
TCP Connect IPv4 → port 443	403 0.007007 0.081844
TCP Connect IPv6 → port 443	403 0.007197 0.081362

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
```