IPv6 Readiness Report

segi.edu.my — segi.edu.my

Scan to verify

Category: Education • Generated: 29 Jul 2026, 04:54 MYT • Last Checked: 04 Jul 2026, 03:51 MYT • Verification ID: 2b1a6680-24ea-4a58-94bf-dd04079a0177
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/2b1a6680-24ea-4a58-94bf-dd04079a0177

⚠
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:1d6
2606:4700:20::681a:d6
2606:4700:20::ac43:476c

IPV4 ADDRESSES
104.26.1.214
104.26.0.214
172.67.71.108

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:1d6, 2606:4700:20::681a:d6, 2606:4700:20::ac43:476c
2	**Globally Routable IPv6**	PASS	All addresses are globally routable.
3	**HTTP over IPv6**	PASS	HTTP (port 80) responds over IPv6 — 151ms TTFB.
4	**HTTPS over IPv6**	PASS	HTTPS (port 443) responds over IPv6 — 71ms 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 Aug 24 04:26:22 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	104.26.1.214, 104.26.0.214, 172.67.71.108
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 122ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 70ms TTFB.

Audit Trail & Evidence Record

Verification ID	2b1a6680-24ea-4a58-94bf-dd04079a0177
Domain	segi.edu.my
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:51:21 MYT
Finished	04 Jul 2026, 03:51:27 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/2b1a6680-24ea-4a58-94bf-dd04079a0177

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	b8e4bbee8a904c9b281e50ca605a543538bdfab06ad498b08119bea1faac9d08
http_headers	f06bc12564a691be8ce542fb7473577f31a82695bc6a094b53d62d276c7c63cc
dns_responses	32201a5088d8522929e391e894ed0ac0488892dbf707aeb3f3cb989c8e9b5b20
tls_handshake	141a08e03886eaeaacd5c1fec06069232d73e07ef7c0e043d0f0d26b2ce215da
connectivity_log	e66e1e2132919dad94cf525b500f0bdb1d393da6379753c2b7c36cebb8793c4c
dns_resolution_times	669df1e9f385cf7bdabd6d3b76e13f5308bd33dd1bbe1d2c60b35cda1344fa1e

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	13.93	16.26	10.71	19.51	-3.2
Google	IPv4	25.43	35.56	19.14	23.32	-6.3
Google	IPv6	24.59	25.41	24.83	24.85	+0.2
Cloudflare	IPv4	9.6	19.9	9.28	19.03	-0.3
Cloudflare	IPv6	22.22	29.97	36.15	36.79	+13.9

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 32242
;; 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: 33966
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
edu.my.□□□2914□IN□SOA□e.nic.my. hostmaster.nic.my. 2026052757 1800 900 604800 3600
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 33218
;; 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: 7673
;; 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.□□86400□IN□NS□andy.ns.cloudflare.com.
segi.edu.my.□□86400□IN□NS□kay.ns.cloudflare.com.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 21930
;; 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□"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"
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"
```

AAAA

```
;; Got answer:
```

```
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 64338
;; 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:d6
segi.edu.my.□□300□IN□AAAA□2606:4700:20::681a:1d6
segi.edu.my.□□300□IN□AAAA□2606:4700:20::ac43:476c
```

RRSIG

```
andy.ns.cloudflare.com. dns.cloudflare.com. 2408467136 10000 2400 604800 1800
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 37025
;; 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. 2408467136 10000 2400 604800 1800
```

DNSSEC_VALIDATION

```
; unsigned answer
segi.edu.my.□□1796□IN□SOA□andy.ns.cloudflare.com. dns.cloudflare.com. 2408467136 10000 2400 604800 1800
```

TLS Handshake Evidence

IPV4 Connection

IP Used	104.26.1.214
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: May 26 03:26:29 2026 GMT; NotAfter: Aug 24 04:26:22 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDpTCCA0ygAwIBAgIRAKLQO2l3cVukDtskKM1hekcwCgYIKoZIzj0EAwIwOzEL
MAkGA1UEBhMCVVMxHjAcBgNVBAoTFUdvb2dsZSBUcnVzdCBTZXJ2aWNlczEMMAoG
A1UEAxMDV0UxMB4XDTI2MDUyNjAzMjYyOVoXDTI2MDgyNDA0MjYyMlowFjEUMBIG
A1UEAxMLc2VnaS5lZHUubXkwWTATBgcqhkjOPQIBBggqhkjOPQMBBwNCAAQJftlH
4x0D+ZtKEfA1kmd+brMuLzfZZnUQaQu8vJEFfMVuygaiPG7uFEka/Ic7E7pIUZEJ
j16sCx1KS5yLeJ3Io4ICVDCCAlAwDgYDVR0PAQH/BAQDAgeAMBMGA1UdJQQMMAoG
CCsGAQUFBwMBMAwGA1UdEwEB/wQCMAAwHQYDVR0OBBYEFEW3iHlLwgaq66q40bZV
w2n5B8ZNMB8GA1UdIwQYMBaAFJB3kjVnxP+ozKnme9mAeXvMk/k4MF4GCCsGAQUF
BwEBBFIwUDAnBggrBgEFBQcwAYYbaHR0cDovL28ucGtpLmdvb2cvcy93ZTEvb3RB
MCUGCCsGAQUFBzAChhlodHRwOi8vaS5wa2kuZ29vZy93ZTEuY3J0MCUGA1UdEQQe
MByCC3NlZ2kuZWR1Lm15gg0qLnNlZ2kuZWR1Lm15MBMGA1UdIAQMMAowCAYGZ4EM
AQIBMDYGA1UdHwQvMC0wK6ApoCeGJWh0dHA6Ly9jLnBraS5nb29nL3dlMS9pVW5T
WkF4S1Body5jcmwwggEFBgorBgEEAdZ5AgQCBIH2BIHzAPEAdwDYCVU7lE96/8gW
GW+UT4WrsPj8XodVJg8V0S5yu0VLFAAAAZ5iiL9ZAAAEAwBIMEYCIQDpOMRO2RAN
WNTeTE/0EpoIzYiJgwhgsPTv5Xhxoc/A2wIhAJOzqwraKI2pat++3YUKFxFGd9HT
9nTIFm1ALue822xlAHYAr2eIO1ewTt2Pptl+9i6o64EKx3Fg8CReVdYML+eFhzoA
AAGeYojAFQAABAMARzBFAiEA3o6UbyK1jLskuC/MU4B8KyGaWBgZUM+EjeHlxKzF
rMICIEJL2akAWrMyUxPy0Pp+Mu+3NiA2Arl5YtuzTB66C7QSMAoGCCqGSM49BAMC
A0cAMEQCIEccgzcPV0TiKh+Rp+tlwQWy//wY25JZgdvjdDcHYF4xAiBCeeJBVple
WXLFyOP3QQVz2UsSew6f0XN8ikN9V4w6Ug==
-----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 2825 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
```

IPV6 Connection

IP Used	2606:4700:20::681a:1d6
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: May 26 03:26:29 2026 GMT; NotAfter: Aug 24 04:26:22 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDpTCCA0ygAwIBAgIRAKLQO2l3cVukDtskKM1hekcwCgYIKoZIzj0EAwIwOzEL
MAkGA1UEBhMCVVMxHjAcBgNVBAoTFUdvb2dsZSBUcnVzdCBTZXJ2aWNlczEMMAoG
A1UEAxMDV0UxMB4XDTI2MDUyNjAzMjYyOVoXDTI2MDgyNDA0MjYyMlowFjEUMBIG
A1UEAxMLc2VnaS5lZHUubXkwWTATBgcqhkjOPQIBBggqhkjOPQMBBwNCAAQJftlH
4x0D+ZtKEfA1kmd+brMuLzfZZnUQaQu8vJEFfMVuygaiPG7uFEka/Ic7E7pIUZEJ
jl6sCx1KS5yLeJ3Io4ICVDCCAlAwDgYDVR0PAQH/BAQDAgeAMBMGA1UdJQQMMAoG
CCsGAQUFBwMBMAwGA1UdEwEB/wQCMAAwHQYDVR0OBBYEFEW3iHlLwgaq66q40bZV
w2n5B8ZNMB8GA1UdIwQYMBaAFJB3kjVnxP+ozKnme9mAeXvMk/k4MF4GCCsGAQUF
BwEBBFIwUDAnBggrBgEFBQcwAYYbaHR0cDovL28ucGtpLmdvb2cvcy93ZTEvb3RB
MCUGCCsGAQUFBzAChhlodHRwOi8vaS5wa2kuZ29vZy93ZTEuY3J0MCUGA1UdEQQe
MByCC3NlZ2kuZWRlLm15gg0qLnNlZ2kuZWRlLm15MBMGA1UdIAQMMAowCAYGZ4EM
AQIBMDYGA1UdHwQvMC0wK6ApoCeGJWh0dHA6Ly9jLnBraS5nb29nL3dlMS9pVW5T
WkF4S1Body5jcmwwggEFBgorBgEEAdZ5AgQCBIH2BIHzAPEAdwDYCVU7lE96/8gW
GW+UT4WrsPj8XodVJg8V0S5yu0VLFAAAAZ5iiL9ZAAAEAwBIMEYCIQDpOMRO2RAN
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WXLFyOP3QQVz2UsSew6f0XN8ikN9V4w6Ug==
-----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-----
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MDAwWjA7MQswCQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2xlIFRydXN0IFNlcnZp
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```

```
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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
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MIIDejCCAmKgAwIBAgIQf+UwvzMTQ77dghYQST2KGzANBgkqhkiG9w0BAQsFADBX
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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 2825 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
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	403
Connected IP	104.26.1.214
Connect Time	18.79 ms
TTFB	124.33 ms
Total Time	124.43 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Fri, 03 Jul 2026 19:51:26 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=e3hDphAmeTFLsV8fRvHoWI%2FSatBokOXGLwPDfOwCuDRbKLXeAOI7m10eqtPqCsN7XA9SfIgkJPy42BwPj4WTA
    "8": "Nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "9": "CF-RAY: a1586cc96881fd83-SIN",
    "11": "HTTP/2 403",
    "12": "date: Fri, 03 Jul 2026 19:51:27 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=qhYwkwOh%2FhORUCcjSOS5gM1XWx3Dm9QZO8iKocS%2FRX23%2BkayFryc%2F8GbCgv%2BIvUeh985s7QsILwPv
    "17": "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "18": "cf-ray: a1586cc9de46ce2f-SIN"
}
```


IPv6 HTTP (port 80)

HTTP Status	403
Connected IP	2606:4700:20::681a:d6
Connect Time	16.59 ms
TTFB	116.92 ms
Total Time	117.03 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Fri, 03 Jul 2026 19:51:26 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=Xa6NPF6RU6zjomxSix2556HFLQZIktth%2FwjjHce3YGDOHrZD8PEW3etS8Z7nTmW0yfJAVlLSDOySuKwNlxWR
    "8": "Nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "9": "CF-RAY: a1586cc839d39faa-SIN",
    "11": "HTTP/2 403",
    "12": "date: Fri, 03 Jul 2026 19:51:26 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=LCKVzG6gBlqGvxVmz8L71PQ5XQ5pWhK27XSCVqFQsjbX2edIPvyMSEX4mHklU3eSVr%2Bh4yYV1o70TofPMHIMz
    "17": "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "18": "cf-ray: a1586cc889ac633f-SIN"
}
```


IPv4 HTTPS (port 443)

HTTP Status	403
Connected IP	104.26.1.214

Connect Time	7.49 ms
TTFB	73.72 ms
Total Time	73.78 ms

Response Headers:


```
[
    "HTTP/2 403",
    "date: Fri, 03 Jul 2026 19:51:27 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=xRHvKKKvNhUlnBpxoSoDJZQ8U12lwSocS6WnW69V2gnI6OjMmtFQnkIGtNgL6%2B36WfhDEJLm3cIhXnjImUDH
    "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "cf-ray: a1586cca4f752925-SIN"
]
```


IPv6 HTTPS (port 443)

HTTP Status	403
Connected IP	2606:4700:20::681a:1d6
Connect Time	7.62 ms
TTFB	74.02 ms
Total Time	74.06 ms

Response Headers:


```
[
    "HTTP/2 403",
    "date: Fri, 03 Jul 2026 19:51:26 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=OwU1w2wyJ%2BaDr%2BuHS%2BlSc%2FGxFfItrvl7bVFnMV4ryhxUH5X1YdiyDiofLbnhY9ciVRLdGYfgPQmkTH
    "nel: {\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}",
    "cf-ray: a1586cc9088c5888-SIN"
]
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.007185 0.037972
TCP Connect IPv6 → port 80	301 0.008761 0.042851
TCP Connect IPv4 → port 443	403 0.008399 0.075659
TCP Connect IPv6 → port 443	403 0.008286 0.085416

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
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
```