

IPv6 Readiness Report

ucsiuniversity.edu.my — ucsiuniversity.edu.my



Scan to verify

Category: Education • Generated: 29 Jul 2026, 05:45 MYT • Last Checked: 04 Jul 2026, 03:50 MYT • Verification ID: 55bf1f94-fa4f-4226-8e9a-6fb01f67a815
Report generated from National IPv6 Readiness Monitor — <https://ipv6.my6.my>
Audit trail: <https://ipv6.my6.my/audit/55bf1f94-fa4f-4226-8e9a-6fb01f67a815>



Partially Compliant

MGv6C-1.0

73%

Partial Support

IPv6-ONLY READINESS

Website: ✗ Not Ready

DNS: ✓ Ready

Email: ✗ Not Ready

IPv6 ADDRESSES

2606:4700:20::681a:bba
2606:4700:20::ac43:4459
2606:4700:20::681a:aba

IPv4 ADDRESSES

104.26.11.186
104.26.10.186
172.67.68.89

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:bba, 2606:4700:20::ac43:4459, 2606:4700:20::681a:aba	
2	Globally Routable IPv6	PASS	All addresses are globally routable.	
3	HTTP over IPv6	PASS	HTTP (port 80) responds over IPv6 — 60ms TTFB.	
4	HTTPS over IPv6	PASS	HTTPS (port 443) responds over IPv6 — 34ms 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 7 22:59:02 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	PASS	RRSIG signatures are current and valid.
8	Signing Algorithm	INFO	ECDSAP256SHA256

Email Services (25%)4 / 6

#	CHECK	RESULT	DETAIL
1	MX Record Exists	PASS	MX record found.
2	MX Server Has IPv6	PASS	MX server has AAAA record.
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: selector1_domainkey
7	DMARC Record	PASS	DMARC record found.

IPv4 Baseline (15%)3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	104.26.11.186, 104.26.10.186, 172.67.68.89
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 55ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 41ms TTFB.

Audit Trail & Evidence Record

Verification ID	55bf1f94-fa4f-4226-8e9a-6fb01f67a815
Domain	ucsiuniversity.edu.my
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:50:32 MYT
Finished	04 Jul 2026, 03:50:58 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/55bf1f94-fa4f-4226-8e9a-6fb01f67a815

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	39fcb7926fbf63b120213cc2f65bb3bc8166d80419d99f027398ecf8da7529e0
http_headers	f61ec4be63f717cd4090c401d6df47ee691e5d12d80b3547bc43ba52a2440483
dns_responses	6cfc90f5d9271bbe141b31ef271e93c06a7b3cdebc6515661243fe1b42be6d5b
tls_handshake	fce1d326bb7b1df580a9750609944338e5c5e963473600f3e30e24981d51134a
connectivity_log	562cb8acf1dd1fe0b25f504a7259fe24912af1fc354cd5f3ac59c4159d2c5d70
dns_resolution_times	dc2a85df3a1459bfa8a97b9dba6019c6cd83474fb708192bfe62151e725a071

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	21.89	22.03	13.48	22.13	-8.4
Google	IPv4	37.18	48.04	39.58	41.86	+2.4
Google	IPv6	26.91	35.8	20.02	23.89	-6.9
Cloudflare	IPv4	9.67	20.31	7.97	8.01	-1.7
Cloudflare	IPv6	18.95	20.27	25.04	30.19	+6.1

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 6483
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ucsiuniversity.edu.my. 300 IN A 104.26.10.186
ucsiuniversity.edu.my. 300 IN A 104.26.11.186
ucsiuniversity.edu.my. 300 IN A 172.67.68.89
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 14859
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
edu.my. 2943 IN SOA e.nic.my. hostmaster.nic.my. 2026052757 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 43758
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ucsiuniversity.edu.my. 300 IN MX 5 mars.ucsigroup.com.my.
ucsiuniversity.edu.my. 300 IN MX 0 ucsiuniversity-edu-my.mail.protection.outlook.com.
ucsiuniversity.edu.my. 300 IN MX 10 jupiter.ucsigroup.com.my.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 34611
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ucsiuniversity.edu.my. 86400 IN NS anton.ns.cloudflare.com.
ucsiuniversity.edu.my. 86400 IN NS ali.ns.cloudflare.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 49931
;; flags: qr rd ra; QUERY: 1, ANSWER: 8, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ucsiuniversity.edu.my. 300 IN TXT "globalsign-domain-verification=UkzzLAFMNKwC8CCx1qV0oSpKjfiqo8pQoMtrzXL-_9"
ucsiuniversity.edu.my. 300 IN TXT "globalsign-domain-verification=uZna88SDQ3oC6dFaPmtnJ7G42LP1Lv6NMnPN4KwLV"
ucsiuniversity.edu.my. 300 IN TXT "google-gws-recovery-domain-verification=55196179"
ucsiuniversity.edu.my. 300 IN TXT "google-site-verification=3aLF496Aw2w19l rKxwfHLVvZDs2jY0kfLtzWE2oNrY"
ucsiuniversity.edu.my. 300 IN TXT "v=spf1 include:enginemailer.org ip4:103.138.64.22 ip4:103.138.64.23 ip4:103.138.64.24 include:spf.protection.outlook.com include:_spf.google.com ~all"
ucsiuniversity.edu.my. 300 IN TXT "apple-domain-verification=a78FYiQSlpsPonUJ"
ucsiuniversity.edu.my. 300 IN TXT "facebook-domain-verification=wtsrrm42e2caht5o08za8k2n5kldgb"
ucsiuniversity.edu.my. 300 IN TXT "globalsign-domain-verification=Me76M9nVpSRaTiNDZnJ9G0w0LVR7UydgW_P2lnYzau"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 27618
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
```

```
;; ANSWER SECTION:
ucsiuniversity.edu.my. 300 IN AAAA 2606:4700:20::ac43:4459
ucsiuniversity.edu.my. 300 IN AAAA 2606:4700:20::681a:bba
ucsiuniversity.edu.my. 300 IN AAAA 2606:4700:20::681a:aba
```

RRSIG

```
ali.ns.cloudflare.com. dns.cloudflare.com. 2408187652 10000 2400 604800 1800
SOA 13 3 1800 20260704205032 20260702185032 34505 ucsiuniversity.edu.my. mD2jfc83zPbCXUCPzElG0lATQoy3Ex23Xj8EY6q+prg6mT4hbWgCcnH8 o1lpyU6mnJU9vcEBX5DKEoPymUnaDQ==
```

DNSKEY

```
;; Got answer:
;; ->HEADER<- opcode: QUERY, status: NOERROR, id: 4683
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ucsiuniversity.edu.my. 3576 IN DNSKEY 256 3 13 oJMRsSz5E4gYzS/q6XDrvU1qMPYIjCwzJa0au8XNEZeqCYKD5ar0IRd8 KqXXFJkqmvFrVmgPmM1x8fGAa2XhSA==
ucsiuniversity.edu.my. 3576 IN DNSKEY 257 3 13 mdsswUyr3DPWl32m0i8V9xESWE8jTo0dxCjjnopKL+GqJxpVXcckHAeF+ KkxLbxILfDLUT0rAK9iUzy1L53eKGQ==
```

DNSSEC_VALIDATION

```
;; validating ucsiuniversity.edu.my/SOA: no valid signature found
; unsigned answer
ucsiuniversity.edu.my. 1775 IN SOA ali.ns.cloudflare.com. dns.cloudflare.com. 2408187652 10000 2400 604800 1800
ucsiuniversity.edu.my. 1775 IN RRSIG SOA 13 3 1800 20260704205032 20260702185032 34505 ucsiuniversity.edu.my. mD2jfc83zPbCXUCPzElG0lATQoy3Ex23Xj8EY6q+prg6mT4hbWgCcnH8 o1lpyU6mnJU9vcEBX5DKEoPymUnaDQ==
```


TLS Handshake Evidence

IPV4 Connection

IP Used	104.26.11.186
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 = ucsiuniversity.edu.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:CN = ucsiuniversity.edu.my
   i:C = US, O = Google Trust Services, CN = WE1
   a:PKKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
   v:NotBefore: May 9 21:59:17 2026 GMT; NotAfter: Aug 7 22:59:02 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDWjCCA2igAwIBAgIRAKSeyhpdRPlcE2kcgM0h53kwCgYIKoZIZj0EAwIw0zEL
MAkGA1UEBhMCVVMxHjAcBgNVBAoTFUdvb2dsZSBSUcnVzdCBTZXJ2aWNlczEMMAoG
A1UEAxMDV0UxMB4XDTI2MDUwOTIxNTkxN1oXDTI2MDgwNzIyNTkwMlowIDEeMBwG
A1UEAxMVdWmNzaXVuaXZlcnNpdHkuZWR1Lm15MFkwEwYHKoZIzj0CAQYIKoZIzj0D
AQCQDQgAEtPxFpSX50Vvhp9MXderqchQg+48PbnGcJfbteaUdvkYTDi7bFyGH7Dus
LdgB8wJ/4dR9K51CSvWT0TQx+WlORKOCaMYwggJiMA4GA1UdDwEB/wQEAwIHgDAT
BgNVHUSUEDDAKBggrrBgEFBQcDATAMBgNVHRMBAf8EAjAAMB0GA1UdDgQWBBTQmCE8
HKAE2KN87nHgOoWNwzTR1jAfBgNVHSMEGDAGB5Qd5I1Z8T/qMyp5nvZgHL7zJP5
00BeBggrrBgEFBQcBAQR5MFaWJwYIKwYBBQUHMAAGG2h0dHA6Ly9vLnBra55nb29n
L3Mvd2UxL3JsNDAlBggrBgEFBQcwAoYZaHR0cDovL2kucGtpLmdvb2cvd2UxLmNy
d0A5BgNVHREEMjAwghVlY3NpdW5pdmVyc2l0eS51ZHUubXmCFyouwNzaXVuaXZl
cnNpdHkuZWR1Lm15MBMGA1UdIAQMMaowCAYGZ4EMAQIBMDYGA1UdHwQvMC0wK6Ap
oCeGJWh0dHA6Ly9vLnBra55nb29nL3d1MS92TGxTMUxwFmmtLay5jcmwwggEDBgor
BgEEAdZ5AgQCBiH0BIIHxA08AdQDXbX000af1d8LH6V/XAL/5gskzWmXh0LMBcxfA
yMpdwAAA24093LEAAEAwBGMQECIIESEMKN2dcmf8In6TIBcNHADM8Iw6z00q8Sh
Dj5oDSYgAiBZjvpeRhbDZ7L2UhJuTpgZB0IAB5Kjibgg46PU8WvFswB2AMIXf1dF
GaNF7n843rKQqevHwiFaIr9/1bWtdprZD1LNAABng73cuAAAQDAEcwRQIhAI04
7amRCLXTmsAqLfgZdVN+l1TNkG0TKNRh0lF+8C3RA1Becn5HIuqz0bzu0pQK/LVD
hooJc2RTLzKvZvKiW3ta4TAKBggqhkJ0PQDAGNIADBFaiAMwVUKZGVd0lqfqCHS
3oLmAV8Q0lxHillXbtNkXTpLAQIhAKI0mD/mQuWT4mK7bvuvb4cfxvCo3vcGZ2FPZ
giVpi0Tr
-----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:PKKEY: 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-----
MIICnzCCAIwAgAwIBAgIQf/MZd5csIkp2FV0TttaF4zAKBggqhkJ0PQDAAzBHMQsw
CQYDVQQGEwJVUzEiMCAGA1UEChMZR29vZ2x1IFRydXN0IFNlcnZpY2VzIExMQzEU
MBIGA1UEAxMLR1RTIFJvb3QgUjQwHhcnMjMxMjEzMDkwMDAwHhcnMjMxMjEzMDkw
MDAwAwjA7MQswCQYDVQQGEwJVUzEeMBwGA1UEChMVVR29vZ2x1IFRydXN0IFNlcnZp
Y2VzMQwwCgYDVQQGEwNXRTEwWTATBgqhkJ0PQIBBggqhkJ0PQMBBwNCAARvzTr+
Z1dHTCEDhUDCR127WEcPQMFcF4XGGTfn1XzthkubgdnXGh0LCgP4mMTG6J7/EFmP
LCaY9eYmJbsPAvpWo4H+MIH7MA4GA1UdDwEB/wQEAwIBhjAdBgNVHSEUfjAUBggrr
BgEFBQcDAQYIKwYBBQUHAWIwEgYDVR0TAQH/BAgwBgEB/wIBADAdBgNVHQ4EFgQU
kHeSNwFE/6jMqeZ72YB5e8yT+TgwHwYDVR0jBBgwFoAUgEzW63T/STaj1dj8tT7F
avCUHYwwNAYIKwYBBQUHAEQEKDAmMCCGCCsGAQUFBzACHhhdHRw0i8va5Swa2ku
Z29vZy9yNC5jcnQwKwYDVR0fBCQwIjAgoB6gHIYaaHR0cDovL2MucGtpLmdvb2cv
ci9yNC5jcmwwEwYDVR0gBAwwCjAIBgZngQwBAGewCgYIKoZIzj0EAwMDaAAwZQIx
A0cCq1HW900VznX+0RGU1cxAQXomvtgM8zItPZCufQ8jSBJSjz5keR0v9aYsAm5V
sQIwJonMaAFi54mrhf0FNZEfuNMQ6/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:PKKEY: 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+UwvzMTQ77dghYQST2KGzANBqkqhkiG9w0BAQsFADBX
MQswCQYDVQQGEwJCRTEZMBcGA1UEChMQR2xvYmFsU2lnbiBudilzYTEQMA4GA1UE
CxMHUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnbiBSb290IENBMb4XDTIzMTEx
NTAzNDMyMVoXDTI2MDUwOTIxNTkxN1oXDTI2MDgwNzIyNTkwMlowIDEeMBwG
A1UEAxMVdWmNzaXVuaXZlcnNpdHkuZWR1Lm15MFkwEwYHKoZIzj0CAQYIKoZIzj0D
AQCQDQgAEtPxFpSX50Vvhp9MXderqchQg+48PbnGcJfbteaUdvkYTDi7bFyGH7Dus
LdgB8wJ/4dR9K51CSvWT0TQx+WlORKOCaMYwggJiMA4GA1UdDwEB/wQEAwIBhJAd
BgNVHSEUfjAUBggrrBgEFBQcDAQYIKwYBBQUHAWIwDwYDVR0TAQH/BAUwAwEB/zAd
BGNVHQ4EFgQUgEzW63T/STaj1dj8tT7FavCUHYwwHwYDVR0jBBgwFoAUyHtmGKUN
```



```
l8qJUC99BM00qP/8/UsWNgYIKwYBBQUHAQEekjAoMCYGCCsGAQUBzAChhpodHRw
0i8vaS5wa2kuZ29vZy9nc3IxLmNydatBgNVHR8EjAkMCKgIKAehhxodHRwOi8v
Yy5wa2kuZ29vZy9yL2dzcjEuY3JsbmBGA1UdIAQMAowCAYGZ4EMAQIBMA0GCsG
S1b3DQEBcUAA4IBAQAyQrsPBtYDh5bjP20BDwmkoWhIDDkic574y04tfzHpn+cJ
odI2D4SseesQ6bDrarZ7C30ddLibZatoKiws3UL9xnELz4ct92vID24FfVbiIhY
+SW6FoVHkNeWIP0GCbaM4C6uVdF5dTUsMvs/ZbzNnIdCp5GxmX5ejvEau8otR/Cs
kGn+hr/W5GvT1tMBjgWKZli4//emhA1JG1BbPzoLJQvyEotc03lXjTaCzv8mEbep
8RqZ7a2CPsgRbuVTPBwcOMBbmuFeU88+FSBX6+71P0i18b4Z0QFqIwwMHfs/L6K1
vepuoxTGzi4CZ68zJpiq1UvSqTbFJjtbD4seiMHL
-----END CERTIFICATE-----
---
Server certificate
subject=CN = ucsiuniversity.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 2854 bytes and written 403 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
```

IPv6 Connection

IP Used	2606:4700:20::681a:bba
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 = ucsiuniversity.edu.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
0 s:CN = ucsiuniversity.edu.my
i:C = US, O = Google Trust Services, CN = WE1
a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
v:NotBefore: May 9 21:59:17 2026 GMT; NotAfter: Aug 7 22:59:02 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDWjCCA2igAwIBAgIRAKSeyhpdRP1cE2kcgM0h53kwCgYIKoZIzj0EAwIwOZEL
MAkGA1UEBhMCVVMxHjAcBgNVBAotFudvb2dsZS5BUcnVzdCBTXzJ2aWNlczEMMAoG
A1UEAxMDV0xMB4XDTI2MDUwOTIxNTkxN1oXDTE2MDgwNzIyNTkwMLOWIDEeMBwG
A1UEAxMVdWnZaXVuaXZlcnNpdHkuZWRL1m15MFkwEwYHKoZIzj0CAQYIKoZIzj0D
AQcDQgAEtPxFpSX50Vvhp9MXderqchQg+48PbnGcJfbteaUdvkYTDi7bFyGH7Dus
LDgB8wJ/4dR9K51CSvwt0Tx+WlORKOCAMyggJiMA4GA1UdDwEB/wQEAwIHgDAT
BgNVHSUEDDAKBggrBgEFBQcDATAMBGNVHRMBAf8EAjAAMB0GA1UdDgQWBbBTQmCE8
HKAe2KN87nHg0owNWzTR1jAfbgNVHSMEGDAWgBS0d5I1Z8T/qMyp5nvZgHL7zJP5
0DBeggrBgEFBQcBAQR5MFawJwYIKwYBBQUHMAAGG2h0dHA6Ly9vLnBraS5nb29n
L3Mvd2UxL3JsNDAlBggrrBgEFBQcwAoYzahr0cDovL2kucGtpLmdvb2cvd2UxLmly
dA5BgBNVHREEMjAwghV1Y3NpdW5pdmVyc2l0eS5lZHUubXmCFyoudWnZaXVuaXZl
cnNpdHkuZWRL1m15MBMGA1UdIAQMAowCAYGZ4EMAQIBMDYGA1UdHwQvMC0wK6Ap
oCeGJWh0dHA6Ly9jLnBraS5nb29nL3dlMS9ZTGxTMUxfWmtLay5jcmwvGgEDBgor
BgEEAdZ5AgQCBiH0BihXA08AdQDXbX0Q0af1d8LH6V/XAL/5gskzWmXh0LMBcxFA
yMvPdwAAAZ4093LEAAAEAwBGMEQCIESEMk2Ndcmf8In6TIBcNHADM8Iw6z0Q85h
DjSoD5YgAiBZJvpErhbdZ7L2UhJuTpgZB0IAB5KjiBgq46PU8WwFswB2AMixfLdF
GaNF7n843rKQqevHwiFaIr9/1bWtdprZDlLNAAABng73cuAAAAQDAEcwRQIHAI04
7amRCLXTmsAqlfGzdVN+llTNkGOTkNRh0LF+8C3RAiBecn5HIuqz0bzu0pQK/LVD
hooJc2RTLzKvZvKiW3ta4TAKBggqhkJOPQDAgNIADBFaiAwWVUKZGVDoLqfqCHS
3oLmAV8Q0IxHillXbtNkXTpLAQIhAKI0mD/mQuWT4mK7bvuvb4cfXvCo3vcG2FPZ
giVpi0Tr
-----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/Mzd5csIkP2FV0TttaF4zAKBggqhkJOPQDAzBHMQsw
CQYDVQQGEwJVUzEiMCAGA1UEChMZR29vZ2x1IFRydXN0IFNlcnZpY2VzIExMQzEU
MBIGA1UEAxMLR1R1IFJvb3QgUjQwHhcnMjMxMjEzMDkwMDAwWhcnMjkwMjIwMTQw
MDAwWjA7MQswCQYDVQQGEwJVUzEeMBwGA1UEChMVVR29vZ2x1IFRydXN0IFNlcnZp
```

```
Y2VzMQwwCgYDVQQDEwNXRTEwWTATBgqhkhjOPQIBBggghkjOPQMBBwNCAARvzTr+
Z1dHTCEDhUDCR127WecPQMFCf4XGGTfnIXzthkubgdnXGh0LCgP4mMTG6J7/EFmP
LCa9YeYmJbsPAvpWo4H+MIH7MA4GA1UdDwEB/wQEAwIBhjAdBgNVHSUEFjAUBggg
BgEFBQcDAQYIKwYBBQUHAwIwEgYDVR0TAQH/BAgwBgEB/wIBADAdBgNVHQ4EFgQU
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Z29vZy9yNC5jcncQwKwYDVR0fBCQwIjAgoB6gHTYaaHR0cDovL2MucGtPLmdvb2cv
ci9yNC5jcmwwEwYDVR0gBAwwCjAIBgZngQwBAgEwCgYIKoZIZj0EAwMDaAAwZQIX
A0cCq1HW90VznX+0RGU1cxAQXomvtgM8zITPZCUFQ8jSBJsjz5KeR0v9aYsAm5V
sQIwJonMaAFi54mrfhfoFNZEFuNMSQ6/bIBiNLiyoX46FohQvKeIoJ99cx7sUkFN
7uJW
-----END CERTIFICATE-----
2 s:C = US, 0 = Google Trust Services LLC, CN = GTS Root R4
i:C = BE, 0 = GlobalSign nv-sa, OU = Root CA, CN = GlobalSign Root CA
a:PKKEY: 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+UwvzMTQ77dghYQST2KGzANBgqhkiG9w0BAQsFADBX
MQswCQYDVQQGEwJCRTEZMBcGA1UEChMQR2xvYmFsU2lnbiBudilzYTEQMA4GA1UE
CxMHUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnbiBSb290IENBMB4XDTIzMTEx
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GUdvvb2dsZSBUcnVzdCBTZXJ2aWNlcyBMTExFMDAsBgNVBAMTC0dUUyB5b290IFI0
MHYwEAYHKoZIzj0CAQYFK4EEACIDYgAE83Rzp2iLYK5DuDXFgTB750md+8Fhzube
Rr1r1WEYNasA3XP3iZEwWus87oV8okB206nGuEFYKueSkWpz6bFyOZ8pn6KY019e
WIZLD6GEZQbr3IvJx3PIjGov5cSr0R2Ko4H/MIH8MA4GA1UdDwEB/wQEAwIBhjAd
BgNVHSUEFjAUBgggrBgEFBQcDAQYIKwYBBQUHAwIwDwYDVR0TAQH/BAUwAwEB/zAd
BgNVHQ4EFgQUgEzW63T/STaj1dj8tT7FavCUHYwHwYDVR0jBBgwFoAUyHtmGkUN
l8qJUC99BM00qP/8/UsWNgYIKwYBBQUHAQEEKjAoMCYGCCsGAQUFBzAChhpodHRw
Oi8vaS5wa2kuZ29vZy9nc3IxlMmNydDAtBgNVHR8EjAkMCKgIKAehhxodHRwOi8v
Yy5wa2kuZ29vZy9yL2dzcjEuY3J3SMBMGA1UdIAQMMAowCAYGZ4EMAQIBMA0GCsQg
Sib3DQEBCEwUAA4IBAQAQYQrsPBtYDh5bjP20BDwmkoWhIDDKic574y04tfzHpn+cJ
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8RqZ7a2CpSgRbuVTPBwcOMBBmuFeU88+FSBX6+71P0i18b4Z0QFqIwwMHfs/L6K1
vepuoxTGzi4CZ68zJpiq1UvSqTbFJjtbD4seiMhL
-----END CERTIFICATE-----
---
Server certificate
subject=CN = ucsiuniversity.edu.my
issuer=C = US, 0 = 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 2854 bytes and written 403 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
```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	403
Connected IP	104.26.10.186
Connect Time	17.09 ms
TTFB	80.79 ms
Total Time	80.89 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 03 Jul 2026 19:50:57 GMT",
  "2": "Content-Type: text/html; charset=UTF-8",
  "3": "Connection: keep-alive",
  "4": "Location: https://ucsiuniversity.edu.my/",
  "5": "Report-To: {\group\": \"cf-nel\", \"max_age\": 604800, \"endpoints\": [{url\": \"https://a.nel.cloudflare.com/report/v4?s=e9ifvS6BuUZqe%2Fc%2BUQzd5gabpCbgdji5wP67A%2Be36V%2FFaugwD%2B0L8JnuPySTyDwVwd5B3tXwyV37n\n\n\", \"success_fraction\": 0.0, \"max_age\": 604800}], \"server\": \"cloudflare\", \"cf-ray\": \"a1586c144a2b3fac-SIN\", \"http2\": \"HTTP/2 403\", \"date\": \"Fri, 03 Jul 2026 19:50:58 GMT\", \"content-type\": \"text/html; charset=UTF-8\", \"content-length\": 5305, \"accept-ch\": \"Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA\", \"cf-mitigated\": \"challenge\", \"content-security-policy\": \"default-src 'none'; script-src 'nonce-t42Yf0znQj9PpU6SVGR8X5' 'unsafe-eval' https://challenges.cloudflare.com; script-src-attr 'none'; style-src 'unsafe-inline'; img-src 'self' https://challenges.cloudflare.com; connect-src 'self' https://challenges.cloudflare.com; frame-src 'self' https://challenges.cloudflare.com blob; child-src 'self' https://challenges.cloudflare.com blob; worker-src blob; form-action http: https:; base-uri 'self'\", \"server\": \"cloudflare\", \"critical-ch\": \"Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA\", \"cross-origin-embedder-policy\": \"require-corp\", \"cross-origin-opener-policy\": \"same-origin\", \"cross-origin-resource-policy\": \"same-origin\", \"origin-agent-cluster\": \"?1\", \"permissions-policy\": \"accelerometer=(), camera=(), clipboard-read=(), clipboard-write=(), geolocation=(), gyroscope=(), hid=(), magnetometer=(), microphone=(), payment=(), publickey-credentials-get=(), screen-wake-lock=(), serial=(), sync-xhr=(), usb=(), xr-spatial-tracking=*\", \"referrer-policy\": \"same-origin\", \"server-timing\": \"chlr; desc=\\\"a1586c14af5a9f6b\\\"\", \"x-content-type-options\": \"nosniff\", \"x-frame-options\": \"SAMEORIGIN\", \"report-to\": {\group\": \"cf-nel\", \"max_age\": 604800, \"endpoints\": [{url\": \"https://a.nel.cloudflare.com/report/v4?s=0ec%2F6tQ0rA%2B6v6J6RAdNIPwEmKC5Yx3D5wpwduYKH97BaGd9035AbUQxx7C5Tsjaec0eWizl6qZXbRv2j\n\n\", \"success_fraction\": 0.0, \"max_age\": 604800}], \"cf-ray\": \"a1586c14af5a9f6b-SIN\"
}
```

IPv6 HTTP (port 80)

HTTP Status	403
Connected IP	2606:4700:20::681a:aba
Connect Time	16.75 ms
TTFB	66.91 ms
Total Time	67.6 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 03 Jul 2026 19:50:57 GMT",
  "2": "Content-Type: text/html; charset=UTF-8",
  "3": "Connection: keep-alive",
  "4": "Location: https://ucsiuniversity.edu.my/",
  "5": "Report-To: {\group\": \"cf-nel\", \"max_age\": 604800, \"endpoints\": [{url\": \"https://a.nel.cloudflare.com/report/v4?s=sAZ8vIjKhkEik0CC%2BGtlln1P0JYQGIkln0f3yr7ybhokekMMPNj3qWbc00nax083vniaPzfFv%2F0auQA%2B\n\n\", \"success_fraction\": 0.0, \"max_age\": 604800}], \"server\": \"cloudflare\",
```

```

      "8": "CF-RAY: a1586c1399bb8207-SIN",
      "10": "HTTP/2 403",
      "11": "date: Fri, 03 Jul 2026 19:50:57 GMT",
      "12": "content-type: text/html; charset=UTF-8",
      "13": "content-length: 5348",
      "14": "accept-ch: Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA",
      "15": "cf-mitigated: challenge",
      "16": "content-security-policy: default-src 'none'; script-src 'nonce-bCTF30KMwVtNcP2osdj2dx' 'unsafe-eval' https://challenges.cloudflare.com; script-src-attr 'none'; style-src 'unsafe-inline'; img-src 'self' https://challenges.cloudflare.com; connect-src 'self' https://challenges.cloudflare.com; frame-src 'self' https://challenges.cloudflare.com blob:; child-src 'self' https://challenges.cloudflare.com blob:; worker-src blob:; form-action http: https:; base-uri 'self'",
      "17": "server: cloudflare",
      "18": "critical-ch: Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA",
      "19": "cross-origin-embedder-policy: require-corp",
      "20": "cross-origin-opener-policy: same-origin",
      "21": "cross-origin-resource-policy: same-origin",
      "22": "origin-agent-cluster: ?1",
      "23": "permissions-policy: accelerometer=(),camera=(),clipboard-read=(),clipboard-write=(),geolocation=(),gyroscope=(),hid=(),magnetometer=(),microphone=(),payment=(),publickey-credentials-get=(),screen-wake-lock=(),serial=(),sync-xhr=(),usb=(),xr-spatial-tracking=**",
      "24": "referrer-policy: same-origin",
      "25": "server-timing: chlr;desc=\"a1586c13ef4d62f7\"",
      "26": "x-content-type-options: nosniff",
      "27": "x-frame-options: SAMEORIGIN",
      "28": "report-to: {\n\"group\": \"cf-nel\", \"max_age\": 604800, \"endpoints\": [{\n\"url\": \"https://a.nel.cloudflare.com/report/v4?s=ngL7fx2IQrEgLDjtgvtEo3ZofvVY49vZLz8WnhFn0%2F72NbKHvdjWLvEm%2B7ws61DrD08Qx4e13%2FC2mhZZR\", \"report_to\": \"cf-nel\", \"success_fraction\": 0.0, \"max_age\": 604800}], \"cf-ray: a1586c13ef4d62f7-SIN\""}
    }
  }
}
```

IPv4 HTTPS (port 443)

HTTP Status	403
Connected IP	104.26.11.186
Connect Time	8.09 ms
TTFB	34.93 ms
Total Time	35.45 ms

Response Headers:

```

[
  "HTTP/2 403",
  "date: Fri, 03 Jul 2026 19:50:58 GMT",
  "content-type: text/html; charset=UTF-8",
  "content-length: 5327",
  "accept-ch: Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA",
  "cf-mitigated: challenge",
  "content-security-policy: default-src 'none'; script-src 'nonce-cAKUdn8uJM5kF7RyQ74m2E' 'unsafe-eval' https://challenges.cloudflare.com; script-src-attr 'none'; style-src 'unsafe-inline'; img-src 'self' https://challenges.cloudflare.com; connect-src 'self' https://challenges.cloudflare.com; frame-src 'self' https://challenges.cloudflare.com blob:; child-src 'self' https://challenges.cloudflare.com blob:; worker-src blob:; form-action http: https:; base-uri 'self'",
  "server: cloudflare",
  "critical-ch: Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA",
  "cross-origin-embedder-policy: require-corp",
  "cross-origin-opener-policy: same-origin",
  "cross-origin-resource-policy: same-origin",
  "origin-agent-cluster: ?1",
  "permissions-policy: accelerometer=(),camera=(),clipboard-read=(),clipboard-write=(),geolocation=(),gyroscope=(),hid=(),magnetometer=(),microphone=(),payment=(),publickey-credentials-get=(),screen-wake-lock=(),serial=(),sync-xhr=(),usb=(),xr-spatial-tracking=**",
  "referrer-policy: same-origin",
  "server-timing: chl;desc=\"a1586c14da757983\"",
  "x-content-type-options: nosniff",
  "x-frame-options: SAMEORIGIN",
  "report-to: {\n\"group\": \"cf-nel\", \"max_age\": 604800, \"endpoints\": [{\n\"url\": \"https://a.nel.cloudflare.com/report/v4?s=eo4ly60YyIjtPX0FPta80LLSHRgQeaF8aI1CW%2BCmMS%2Bf%2BD0dgpT2Y%2FnNBdwFsm0ByEa7Py0oyWw9DSH\", \"report_to\": \"cf-nel\", \"success_fraction\": 0.0, \"max_age\": 604800}], \"cf-ray: a1586c14da757983-SIN\""}
]
```

IPv6 HTTPS (port 443)

HTTP Status	403
-------------	-----

Connected IP	2606:4700:20::681a:bba
Connect Time	6.85 ms
TTFB	34.56 ms
Total Time	35.01 ms

Response Headers:

```
[
  "HTTP/2 403",
  "date: Fri, 03 Jul 2026 19:50:57 GMT",
  "content-type: text/html; charset=UTF-8",
  "content-length: 5326",
  "accept-ch: Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA",
  "cf-mitigated: challenge",
  "content-security-policy: default-src 'none'; script-src 'nonce-kJZ9c25r3ldheoMx4kMNZw' 'unsafe-eval' https://challenges.cloudflare.com; script-src-attr 'none'; style-src 'unsafe-inline'; img-src 'self' https://challenges.cloudflare.com; connect-src 'self' https://challenges.cloudflare.com; frame-src 'self' https://challenges.cloudflare.com blob:; child-src 'self' https://challenges.cloudflare.com blob:; worker-src blob:; form-action http: https:; base-uri 'self'",
  "server: cloudflare",
  "critical-ch: Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA",
  "cross-origin-embedder-policy: require-corp",
  "cross-origin-opener-policy: same-origin",
  "cross-origin-resource-policy: same-origin",
  "origin-agent-cluster: ?1",
  "permissions-policy: accelerometer=(),camera=(),clipboard-read=(),clipboard-write=(),geolocation=(),gyroscope=(),hid=(),magnetometer=(),microphone=(),payment=(),publickey-credentials-get=(),screen-wake-lock=(),serial=(),sync-xhr=(),usb=(),xr-spatial-tracking=*",
  "referrer-policy: same-origin",
  "server-timing: chlray;desc=\"a1586c1428539f89\"",
  "x-content-type-options: nosniff",
  "x-frame-options: SAMEORIGIN",
  "report-to: {\"group\":\"cf-nel\",\"max_age\":604800,\"endpoints\": [{\"url\":\"https://a.nel.cloudflare.com/report/v4?s=agU2lPr%2F3FLdE65jRYZOWFcQYx2fuDMRnrUSP295EEjoYr5Bh%2B8BnpMfpk0IX3Fynyhw%2Ft4MLouvpyvnel\",\"nel\":{\"report_to\":\"cf-nel\",\"success_fraction\":0.0,\"max_age\":604800}}]}",
  "cf-ray: a1586c1428539f89-SIN"
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.006696 0.025500
TCP Connect IPv6 → port 80	301 0.007663 0.027361
TCP Connect IPv4 → port 443	403 0.008714 0.040732
TCP Connect IPv6 → port 443	403 0.006789 0.031737

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