IPv6 Readiness Report

help.edu.my — help.edu.my

Scan to verify

Category: Education • Generated: 02 Nov 2026, 02:54 MYT • Last Checked: 08 Aug 2026, 18:32 MYT • Verification ID: 1ba8c329-c2ee-43f7-a37d-43c6fe154084
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/1ba8c329-c2ee-43f7-a37d-43c6fe154084

✗
Non-Compliant
MGv6C-1.0

55%
No IPv6 Support

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

IPV4 ADDRESSES
165.22.59.233

Network Information (WHOIS / RDAP)

	IPv4 Network
Organization	DigitalOcean, LLC
Country	US
ASN	AS14061
ASN Name	DIGITALOCEAN-ASN - DigitalOcean, LLC, US
Network (CIDR)	165.22.0.0/16

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%) — 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.
6	**DS Record at Parent**	FAIL	No DS record at parent.
7	**RRSIG Valid**	FAIL	No valid RRSIG found.

#	CHECK	RESULT	DETAIL
8	**Signing Algorithm**	INFO	No DNSKEY record found.

Email Services (25%) — 4 / 4

#	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: selector2._domainkey
7	**DMARC Record**	PASS	DMARC record found.

IPv4 Baseline (15%) — 3 / 3

#	CHECK	RESULT	DETAIL
1	**A Record**	PASS	165.22.59.233
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 71ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 37ms TTFB.

Audit Trail & Evidence Record

Verification ID	1ba8c329-c2ee-43f7-a37d-43c6fe154084
Domain	help.edu.my
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:32:04 MYT
Finished	08 Aug 2026, 18:32:23 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/1ba8c329-c2ee-43f7-a37d-43c6fe154084

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	9a67082215db9634dbb64a725135382a0648030fafd058a6e29fa22d10a6898d
http_headers	46a5be4f6511e0cc70000f1a1f54ad02f8a0ea22f975bbf37b3ca62f2ee1716f
dns_responses	a5c5c0383bfde234107e8b1793f7aad48445e3eb6b7a205def873202aee584ab
tls_handshake	631de88ea57fa2b80495ace7c629e4faa4d45c9bf736a8ec6ca2cf840d54c67a
connectivity_log	3c8c7c89c51fdcffdf78f7ebac81a063990b9a7b86f83a4a497322ab7ad3e95d
dns_resolution_times	81ba3346413850c6cce0deb7c0128d762859a67687f2b9411948e8b2be6bad03

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	23.59	24.2	22.67	22.77	-0.9
Google	IPv4	82.55	84.14	88.15	89.71	+5.6
Google	IPv6	88.5	91.66	90.36	94.64	+1.9
Cloudflare	IPv4	22.49	22.88	23.61	24.32	+1.1
Cloudflare	IPv6	31.56	33.45	11.33	29.78	-20.2

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 18265
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
help.edu.my.□□3600□IN□A□165.22.59.233
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 53096
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
edu.my.□□□3589□IN□SOA□e.nic.my. hostmaster.nic.my. 2026062863 1800 900 604800 3600
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 23665
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
help.edu.my.□□3600□IN□MX□1 help-edu-my.mail.protection.outlook.com.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 36002
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
help.edu.my.□□59575□IN□NS□ns4-07.azure-dns.info.
help.edu.my.□□59575□IN□NS□ns1-07.azure-dns.com.
help.edu.my.□□59575□IN□NS□ns2-07.azure-dns.net.
help.edu.my.□□59575□IN□NS□ns3-07.azure-dns.org.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 5299
;; flags: qr rd ra; QUERY: 1, ANSWER: 11, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
help.edu.my.□□3600□IN□TXT□"YESJRNZXKNYDYJ9RCU59I6PWTKHYX7625GT54Z0H"
help.edu.my.□□3600□IN□TXT□"v7nb578udfopeinvujmt36alba"
help.edu.my.□□3600□IN□TXT□"google-site-verification=NhzYmsooZUwlJ5RcbE36bB6Fu39LCqd4kvmolhqJj_s"
help.edu.my.□□3600□IN□TXT□"proxy-ssl.webflow.com"
help.edu.my.□□3600□IN□TXT□"google-site-verification=Q1ow9YHXNgGDvK7mV9MYocNjnpgWYphFLJNQhnav8M4"
help.edu.my.□□3600□IN□TXT□"google-site-verification=tHIZUda2gpo-4NJaQ_33ovFDTrnTMOUYtGm_o2K3gCs"
help.edu.my.□□3600□IN□TXT□"google-site-verification=CiOFD6PEzUG1ly-5-Pn6jSDnsJp_x7oiZdTy_effV0E"
help.edu.my.□□3600□IN□TXT□"have-i-been-pwned-verification=dweb_4oa4mscp8yzwgxlm85pwupme"
help.edu.my.□□3600□IN□TXT□"google-site-verification=HvA8M7BW8XnwvcmkEjzyyfMCyJAayTsRGg7_AkUqZkI"
help.edu.my.□□3600□IN□TXT□" google-site-verification=Cr5imkNiEA0zr1nnwc0qN_Vjx3CMyCSlr5sY_mn2HuI"
help.edu.my.□□3600□IN□TXT□"v=spf1 ip4:8.219.24.0/22 ip4:8.219.28.0/24 ip4:8.219.34.0/23 ip4:175.143.61.159 a:help-edu.managed-otrs.com include:spf.protection.outlook.com
include:fdspfaus.freshemail.io include:sendgrid.net -all"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 54102
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
```

```
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
help.edu.my.□□283□IN□SOA□ns1-07.azure-dns.com. azuredns-hostmaster.microsoft.com. 1 3600 300 2419200 300
```

RRSIG

```
ns1-07.azure-dns.com. azuredns-hostmaster.microsoft.com. 1 3600 300 2419200 300
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 24271
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
help.edu.my.□□283□IN□SOA□ns1-07.azure-dns.com. azuredns-hostmaster.microsoft.com. 1 3600 300 2419200 300
```

DNSSEC_VALIDATION

```
; unsigned answer
help.edu.my.□□3583□IN□SOA□ns1-07.azure-dns.com. azuredns-hostmaster.microsoft.com. 1 3600 300 2419200 300
```

TLS Handshake Evidence

IPV4 Connection

IP Used	165.22.59.233
IP Version	4

```
depth=3 C = US, O = Internet Security Research Group, CN = ISRG Root X2
verify return:1
depth=2 C = US, O = ISRG, CN = Root YE
verify return:1
depth=1 C = US, O = Let's Encrypt, CN = YE2
verify return:1
depth=0 CN = help.edu.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:CN = help.edu.my
   i:C = US, O = Let's Encrypt, CN = YE2
   a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: Jul 15 14:37:04 2026 GMT; NotAfter: Oct 13 14:37:03 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDkzCCAxqgAwIBAgISBaDVeqxNT4ICpCJ8rFo3BLMOMAoGCCqGSM49BAMDMDMx
CzAJBgNVBAYTAlVTMRYwFAYDVQQKEw1MZXQncyBFbmNyeXB0MQwwCgYDVQQDEwNZ
RTIwHhcNMjYwNzE1MTQzNzA0WhcNMjYxMDEzMTQzNzAzWjAWMRQwEgYDVQQDEwto
ZWxwLmVkdS5teTBZMBMGByqGSM49AgEGCCqGSM49AwEHA0IABIclEpvFSxNXiSiC
jEI/LX55RDdWCvp1qRs9nQ5ajwv4E8t6L2ka8BrfWx4hnbfPXGP2q5WHHuZuOdkX
YUtT3p6jggIpMIICJTAOBgNVHQ8BAf8EBAMCB4AwEwYDVR0lBAwwCgYIKwYBBQUH
AwEwDAYDVR0TAQH/BAIwADAdBgNVHQ4EFgQUIluTCZ5KaOSnvhHaS2tMQyf/KaMw
HwYDVR0jBBgwFoAUuVnyjs8i8IbTN0j/dhQYuoLYVYcwMwYIKwYBBQUHAQEEJzAl
MCMGCCsGAQUFBzAChhdodHRwOi8veWUyLmkubGVuY3Iub3JnLzAnBgNVHREEIDAe
ggtoZWxwLmVkdS5teYIPd3d3LmhlbHAuZWR1Lm15MBMGA1UdIAQMMAowCAYGZ4EM
AQIBMC4GA1UdHwQnMCUwI6AhoB+GHWh0dHA6Ly95ZTIuYy5sZW5jci5vcmcvMTUu
Y3JsMIIBCwYKKwYBBAHWeQIEAgSB/ASB+QD3AHYAyzj3FYl8hKFEX1vB3fvJbvKa
Wc1HCmkFhbDLFMMUWOcAAAGfZmtIywAABAMARzBFAiEAqq7Di7TXrnJGKk5lzlEb
pYXIhDlUiVyyzdAfJQdv09ACIHVTypgTRUBT3Aprk07+lAQIDf3uxf1sQHytpvut
HIbqAH0AGoudaw/+v4G0eTnG0jEKhtbRAtTwRuIYLJ3jX14mJe8AAAGfZmtLpwAI
AAAFACn1Qx0EAwBGMEQCIGmKkmbltqamARYzCqcppRswEDFJdI1mnnuCYUMPXcFc
AiBFcu3U9007vqOxmckdiX1K9aia9JC7XM2q8uBj93tu1jAKBggqhkjOPQQDAwNn
ADBkAjBkO7s2INoxeciTtSbh/S/G+TusMATYFKUz6Mz7ahsIlU0q7BGTMKfCQsL4
sIL+pT4CMGnmri2aq6ErB4PjeDTN0B+V6wqVGdWsGZF88F8lMNLRv3TQxcl9R868
CsVBksTKCw==
-----END CERTIFICATE-----
 1 s:C = US, O = Let's Encrypt, CN = YE2
   i:C = US, O = ISRG, CN = Root YE
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: Sep  3 00:00:00 2025 GMT; NotAfter: Sep  2 23:59:59 2028 GMT
-----BEGIN CERTIFICATE-----
MIICjDCCAhGgAwIBAgIQTfOxXdbAeExQfNN7WObxFTAKBggqhkjOPQQDAzAuMQsw
CQYDVQQGEwJVUzENMAsGA1UEChMESVNSRzEQMA4GA1UEAxMHUm9vdCBZRTAeFw0y
NTA5MDMwMDAwMDBaFw0yODA5MDIyMzU5NTlaMDMxCzAJBgNVBAYTAlVTMRYwFAYD
VQQKEw1MZXQncyBFbmNyeXB0MQwwCgYDVQQDEwNZRTIwdjAQBgcqhkjOPQIBBgUr
gQQAIgNiAARxmrQzkdbEEL3MqXt3dJQttYc47axkdDTHud5TPqM2z5uSD5cmk0Wr
HlWXvnlvqBLqiB34kluxIbmMyAiq3/YD6e80/vV259K8XQIdjFXloYOa0mIU71f7
HQ09PvYDlw+jge4wgeswDgYDVR0PAQH/BAQDAgGGMBMGA1UdJQQMMAoGCCsGAQUF
BwMBMBIGA1UdEwEB/wQIMAYBAf8CAQAwHQYDVR0OBBYEFLlZ8o7PIvCG0zdI/3YU
GLqC2FWHMB8GA1UdIwQYMBaAFKPIJlqOoUzQNWP8myPIOq5W809WMDIGCCsGAQUF
BwEBBCYwJDAiBggrBgEFBQcwAoYWaHR0cDovL3llLmkubGVuY3Iub3JnLzATBgNV
HSAEDDAKMAgGBmeBDAECATAnBgNVHR8EIDAeMBygGqAYhhZodHRwOi8veWUuYy5s
ZW5jci5vcmcvMAoGCCqGSM49BAMDA2kAMGYCMQDIcnw5dcZLN9ffynXnnkLD/itS
JEycJPb3sRkzeqBowup7vOsAwaqoCnNn/jh9wycCMQCJM6CPlaOC4pQYYbJtVPYb
DKrIb2EKk5NpOpE6/XttQYZV/3gilB9l+Cc/DOVwmyg=
-----END CERTIFICATE-----
 2 s:C = US, O = ISRG, CN = Root YE
   i:C = US, O = Internet Security Research Group, CN = ISRG Root X2
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: May 13 00:00:00 2026 GMT; NotAfter: Sep  2 23:59:59 2032 GMT
-----BEGIN CERTIFICATE-----
MIICpjCCAiugAwIBAgIRAIchZfw0tuX7qK3Vs3BftTowCgYIKoZIzj0EAwMwTzEL
MAkGA1UEBhMCVVMxKTAnBgNVBAoTIEludGVybmV0IFNlY3VyaXR5IFJlc2VhcmNo
IEdyb3VwMRUwEwYDVQQDEwxJU1JHIFJvb3QgWDIwHhcNMjYwNTEzMDAwMDAwWhcN
MzIwOTAyMjM1OTU5WjAuMQswCQYDVQQGEwJVUzENMAsGA1UEChMESVNSRzEQMA4G
A1UEAxMHUm9vdCBZRTB2MBAGByqGSM49AgEGBSuBBAAiA2IABDwS/6vhrcVqcbBo
+wgdI3fwn9x7DNJJOY/lTOti0vkwuRN87RhEhTH17E7XyFjWsPYhIPt/wzOqxTd2
b+4ZJNy9ID04YywF9U5zasDVyGSNErVNtz8uSGh5izW87j77GaOB6zCB6DAOBgNV
HQ8BAf8EBAMCAQYwEwYDVR0lBAwwCgYIKwYBBQUHAwEwDwYDVR0TAQH/BAUwAwEB
/zAdBgNVHQ4EFgQUo8gmWo6hTNAlY/ybI8g6rlbzT1YwHwYDVR0jBBgwFoAUfEKW
rt5LSDv6kviejM9ti6lyN5UwMgYIKwYBBQUHAQEEJjAkMCIGCCsGAQUFBzAChhZo
dHRwOi8veDIuaS5sZW5jci5vcmcvMBMGA1UdIAQMMAowCAYGZ4EMAQIBMCcGA1Ud
```

```
HwQgMB4wHKAaoBiGFmh0dHA6Ly94Mi5jLmxlbmNyLm9yZy8wCgYIKoZIzj0EAwMD
aQAwZgIxAMU19WCtmxVND8UHBZRoma49Z7jPs64Dma0eTu1OChVbB/2J7GV3nvYK
Ax54uk1G9QIxAO0miLVJu8PLNiXXXkiE/gsK3CTRTF/aeo4bMX42Zw40csRU6AC2
6hSW1/IWaas6dg==
-----END CERTIFICATE-----
 3 s:C = US, O = Internet Security Research Group, CN = ISRG Root X2
   i:C = US, O = Internet Security Research Group, CN = ISRG Root X1
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: RSA-SHA256
   v:NotBefore: May 13 00:00:00 2026 GMT; NotAfter: Sep  2 23:59:59 2032 GMT
-----BEGIN CERTIFICATE-----
MIIEcDCCAligAwIBAgIQbI8dxyfHEX97r4U6yYD5zTANBgkqhkiG9w0BAQsFADBP
MQswCQYDVQQGEwJVUzEpMCcGA1UEChMgSW50ZXJuZXQgU2VjdXJpdHkgUmVzZWFy
Y2ggR3JvdXAxFTATBgNVBAMTDElTUkcgUm9vdCBYMTAeFw0yNjA1MTMwMDAwMDBa
Fw0zMjA5MDIyMzU5NTlaME8xCzAJBgNVBAYTAlVTMSkwJwYDVQQKEyBJbnRlcm5l
dCBTZWN1cml0eSBSZXNlYXJjaCBHcm91cDEVMBMGA1UEAxMMSVNSRyBSb290IFgy
MHYwEAYHKoZIzj0CAQYFK4EEACIDYgAEzZvVn4CDCuwJSvMWSj5cz3es3mcFDR0H
ttwW+1qLFNvicWDEukWVEYmO6gbf9yoWHKS5xcUy4APgHoIYOIvXRdgKam7mAHf7
AlF9ItgKbppbd9/w+kHsOdx1ymgHDB/qo4H1MIHyMA4GA1UdDwEB/wQEAwIBBjAd
BgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUHAwIwDwYDVR0TAQH/BAUwAwEB/zAd
BgNVHQ4EFgQUfEKWrt5LSDv6kviejM9ti6lyN5UwHwYDVR0jBBgwFoAUebRZ5nu2
5eQBc4AIiMgaWPbpm24wMgYIKwYBBQUHAQEEJjAkMCIGCCsGAQUFBzAChhZodHRw
Oi8veDEuaS5sZW5jci5vcmcvMBMGA1UdIAQMMAowCAYGZ4EMAQIBMCcGA1UdHwQg
MB4wHKAaoBiGFmh0dHA6Ly94MS5jLmxlbmNyLm9yZy8wDQYJKoZIhvcNAQELBQAD
ggIBAD2/e9frmMxNpCV03qUHegg+MV2wz9644YoXdqtH8RyWYcBO7xfjjGEXdU1e
/o0OkEFiynUCOSIk/vLLo7ttz6CPAeNlWfC0XNkoGeWgK6jjXvozBaGuGH5n0Ufo
shMeWTuURqNN5G00sSXDTBrpp2+mgvdZQjb8K11TYMA25QA+YHNfbIEL0BniAhKS
2gsnJjSzrdZLI+EZ7SEyqdR2rkjd1KutLDU+n3TFyxjniZVGur4YlhMP3mY/dV95
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	165.22.59.233
Connect Time	16.17 ms
TTFB	52.51 ms
Total Time	52.6 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Sat, 08 Aug 2026 10:32:22 GMT",
    "2": "Content-Type: text/html",
    "3": "Content-Length: 162",
    "4": "Connection: keep-alive",
    "5": "Location: https://help.edu.my/",
    "6": "X-Frame-Options: SAMEORIGIN",
    "7": "X-Content-Type-Options: nosniff",
    "8": "X-XSS-Protection: 1; mode=block",
    "9": "Server: Prometheus",
    "10": "Pre-Cognitive-Push: Enabled",
    "11": "Quantum-Flux-Capacity: Omega",
    "13": "HTTP/2 200",
    "14": "date: Sat, 08 Aug 2026 10:32:22 GMT",
    "15": "content-type: text/html; charset=UTF-8",
    "16": "x-flying-press-source: PHP",
    "17": "content-encoding: gzip",
    "18": "cache-tag: help.edu.my",
    "19": "cdn-cache-control: max-age=2592000",
    "20": "cache-control: public, no-cache",
    "21": "x-flying-press-cache: HIT",
    "22": "last-modified: Fri, 07 Aug 2026 20:40:24 GMT",
    "23": "x-frame-options: SAMEORIGIN",
    "24": "x-content-type-options: nosniff",
    "25": "x-xss-protection: 1; mode=block",
    "26": "server: Prometheus",
    "27": "pre-cognitive-push: Enabled",
    "28": "quantum-flux-capacity: Omega",
    "29": "strict-transport-security: max-age=31536000",
    "30": "referrer-policy: strict-origin-when-cross-origin",
    "31": "x-grid-srcache-ttl: 2592000",
    "32": "x-grid-srcache-fetch: MISS",
    "33": "x-grid-srcache-store: BYPASS",
    "34": "alt-svc: h3=\":443\"; ma=86400"
}
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	165.22.59.233
Connect Time	7.09 ms
TTFB	35.97 ms
Total Time	36.01 ms

Response Headers:


```
[
    "HTTP/2 200",
    "date: Sat, 08 Aug 2026 10:32:23 GMT",
    "content-type: text/html; charset=UTF-8",
    "x-flying-press-source: PHP",
    "content-encoding: gzip",
    "cache-tag: help.edu.my",
    "cdn-cache-control: max-age=2592000",
    "cache-control: public, no-cache",
    "x-flying-press-cache: HIT",
    "last-modified: Fri, 07 Aug 2026 20:40:24 GMT",
    "x-frame-options: SAMEORIGIN",
    "x-content-type-options: nosniff",
    "x-xss-protection: 1; mode=block",
    "server: Prometheus",
```

```
    "pre-cognitive-push: Enabled",
    "quantum-flux-capacity: Omega",
    "strict-transport-security: max-age=31536000",
    "referrer-policy: strict-origin-when-cross-origin",
    "x-grid-srcache-ttl: 2592000",
    "x-grid-srcache-fetch: MISS",
    "x-grid-srcache-store: BYPASS",
    "alt-svc: h3=\":443\"; ma=86400"
]
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.007458 0.014980
TCP Connect IPv4 → port 443	200 0.007437 0.046901

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
```