IPv6 Readiness Report

iium.edu.my — iium.edu.my

Scan to verify

Category: Education • Generated: 02 Nov 2026, 02:53 MYT • Last Checked: 08 Aug 2026, 18:15 MYT • Verification ID: 71d2a5f3-fdf5-4b93-a3b3-dc2385964ef4
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/71d2a5f3-fdf5-4b93-a3b3-dc2385964ef4

✗
Non-Compliant
MGv6C-1.0

40%
No IPv6 Support

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

IPV4 ADDRESSES
210.48.222.141

Network Information (WHOIS / RDAP)

	IPv4 Network
Organization	International Islamic University Of Malaysia
Country	MY
ASN	AS45344
ASN Name	IIUM-MY - International Islamic University Of Malaysia, MY
Network (CIDR)	210.48.216.0/21

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%) — 0 / 5

#	CHECK	RESULT	DETAIL
1	**NS Has AAAA Record**	FAIL	No nameserver has an AAAA record.
2	**NS Reachable via IPv6**	FAIL	No nameserver is reachable over IPv6.
3	**NS Answers Queries via IPv6**	FAIL	Nameserver does not answer queries over IPv6.
4	**DNSSEC Validated**	FAIL	DNSSEC validation failed or zone is unsigned.
5	**Reverse DNS (PTR)**	FAIL	No PTR record found.
6	**DS Record at Parent**	FAIL	No DS record at parent.
7	**RRSIG Valid**	FAIL	No valid RRSIG found.

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

Email Services (25%) — 6 / 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**	PASS	SMTP port 25 responds over IPv6.
4	**STARTTLS over IPv6**	PASS	STARTTLS supported over IPv6.
5	**SPF Record**	PASS	SPF record found.
6	**DKIM Selector**	INFO	DKIM selector found: google._domainkey
7	**DMARC Record**	PASS	DMARC record found.

IPv4 Baseline (15%) — 3 / 3

#	CHECK	RESULT	DETAIL
1	**A Record**	PASS	210.48.222.141
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4.

Audit Trail & Evidence Record

Verification ID	71d2a5f3-fdf5-4b93-a3b3-dc2385964ef4
Domain	iium.edu.my
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:15:35 MYT
Finished	08 Aug 2026, 18:15:39 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/71d2a5f3-fdf5-4b93-a3b3-dc2385964ef4

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	4de17a4cf7afe6cf27b7879741c50c3ddcb0f119b2824b92b242b21ba7a9e10a
http_headers	99409f2afd6d16a797396a96d567778681a2e33e8c107bf0089e46c71498a085
dns_responses	76b2c058a936cb0190b524ab49ca5fb53b47def259effdf72805fffbf09de919
tls_handshake	b28b876806775edfc87bfb7540d0e348df83c74568064e8e48798367bd192458
connectivity_log	b330d49ba6a1819185a5d294aecbcfc568302b5e842da8d94b0dfc79c7d94b90
dns_resolution_times	ed4fd80e491ed7bf10c86c11ab201483a4de783b7bb5254a706ebb62ef11f4f4

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	49.95	57.49	48.54	58.61	-1.4
Google	IPv4	52.59	107.71	76.51	170.35	+23.9
Google	IPv6	96.37	162.93	32.63	45.36	-63.7
Cloudflare	IPv4	21.24	25.45	22.9	30.03	+1.7
Cloudflare	IPv6	30.07	30.58	30.91	46.46	+0.8

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 45784
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
iium.edu.my.□□3600□IN□A□210.48.222.141
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 25614
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
edu.my.□□□3591□IN□SOA□e.nic.my. hostmaster.nic.my. 2026062857 1800 900 604800 3600
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 14531
;; flags: qr rd ra; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
iium.edu.my.□□3600□IN□MX□10 alt3.aspmx.l.google.com.
iium.edu.my.□□3600□IN□MX□10 alt4.aspmx.l.google.com.
iium.edu.my.□□3600□IN□MX□1 aspmx.l.google.com.
iium.edu.my.□□3600□IN□MX□5 alt1.aspmx.l.google.com.
iium.edu.my.□□3600□IN□MX□5 alt2.aspmx.l.google.com.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 37402
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 2

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
iium.edu.my.□□3600□IN□NS□firdaus.iium.edu.my.
iium.edu.my.□□3600□IN□NS□adnin.iiu.edu.my.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 10806
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
iium.edu.my.□□3600□IN□TXT□"v=spf1 include:_spf.google.com ~all"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 1626
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
iium.edu.my.□□3599□IN□SOA□adnin.iiu.edu.my. hostmaster.iium.edu.my. 2026080701 3600 3600 60480 3600
```

RRSIG

```
adnin.iiu.edu.my. hostmaster.iium.edu.my. 2026080701 3600 3600 60480 3600
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 47195
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
iium.edu.my.□□3598□IN□SOA□adnin.iiu.edu.my. hostmaster.iium.edu.my. 2026080701 3600 3600 60480 3600
```

DNSSEC_VALIDATION

```
; unsigned answer
iium.edu.my.□□3598□IN□SOA□adnin.iiu.edu.my. hostmaster.iium.edu.my. 2026080701 3600 3600 60480 3600
```

TLS Handshake Evidence

IPV4 Connection

IP Used	210.48.222.141
IP Version	4

```
depth=2 OU = GlobalSign ECC Root CA - R5, O = GlobalSign, CN = GlobalSign
verify return:1
depth=1 C = BE, O = GlobalSign nv-sa, CN = GlobalSign ECC OV SSL CA 2018
verify return:1
depth=0 C = MY, ST = Kuala Lumpur, L = Kuala Lumpur, O = International Islamic University Malaysia, CN = *.iium.edu.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = MY, ST = Kuala Lumpur, L = Kuala Lumpur, O = International Islamic University Malaysia, CN = *.iium.edu.my
   i:C = BE, O = GlobalSign nv-sa, CN = GlobalSign ECC OV SSL CA 2018
   a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: Feb 27 08:51:59 2026 GMT; NotAfter: Mar 31 08:51:58 2027 GMT
-----BEGIN CERTIFICATE-----
MIIFBjCCBI2gAwIBAgIMBZtBzMpANF1V6Mh5MAoGCCqGSM49BAMDMFAxCzAJBgNV
BAYTAkJFMRkwFwYDVQQKExBHbG9iYWxTaWduIG52LXNhMSYwJAYDVQQDEx1HbG9i
YWxTaWduIEVDQyBPViBTU0wgQ0EgMjAxODAeFw0yNjAyMjcwODUxNTlaFw0yNzAz
MzEwODUxNThaMIGHMQswCQYDVQQGEwJNWTEVMBMGA1UECBMMS3VhbGEgTHVtcHVy
MRUwEwYDVQQHEwxLdWFsYSBMdWlwdXIxMjAwBgNVBAoTKUludGVybmF0aW9uYWwg
SXNsYW1pYyBVbml2ZXJzaXR5IE1hbGF5c2lhMRYwFAYDVQQDDA0qLmlpdW0uZWR1
Lm15MFkwEwYHKoZIzj0CAQYIKoZIzj0DAQcDQgAEeg4OeW4BV1x5aoaA+37SDvTK
jwtiLXK7n4qnogMhG7ePRbMKUVkpR8u9NZuvv56NHpSwSCizT+YTdlwaPtkBD6OC
AxMwggMPMA4GA1UdDwEB/wQEAwIHgDAMBgNVHRMBAf8EAjAAMIGOBggrBgEFBQcB
AQSBgTB/MEQGCCsGAQUFBzAChjhodHRwOi8vc2VjdXJlLmdsb2JhbHNpZ24uY29t
L2NhY2VydC9nc2VjY292c3NsY2EyMDE4LmNydDA3BggrBgEFBQcwAYYraHR0cDov
L29jc3AuZ2xvYmFsc2lnbi5jb20vZ3NlY2NvdnNzbGNhMjAxODBWBgNVHSAETzBN
MEEGCSsGAQQBoDIBFDA0MDIGCCsGAQUFBwIBFiZodHRwczovL3d3dy5nbG9iYWxz
aWduLmNvbS9yZXBvc2l0b3J5LzAIBgZngQwBAgIwJQYDVR0RBB4wHIINKi5paXVt
LmVkdS5teYILaWl1bS5lZHUubXkwHQYDVR0lBBYwFAYIKwYBBQUHAwEGCCsGAQUF
BwMCMB8GA1UdIwQYMBaAFFh7jnUq/mGAqpBAAa7W6AdGbj9IMB0GA1UdDgQWBBQn
UGg19cLYUNVUh9Gjpi/6Sy04uDCCAX4GCisGAQQB1nkCBAIEggFuBIIBagFoAHYA
HJ9oLOn68EVpUPgbloqH3dsyENhM5siy44JSSsTPWZ8AAAGcnkw+TgAABAMARzBF
AiA+Q3QBChjU7wbBsxzhqInt1bRPL3BdeZ0HfMzlSMbCtQIhAMQ5VvEfINy5e27m
Ll3cvt98fMG9+K0/Qvzzk3vt6Lz1AHYATGPcmOWcHauI9h6KPd6uj6tEozd7X5uU
w/uhnPzBviYAAAGcnkw+MAAABAMARzBFAiBMmv5W75OJxA7FGwomJTxmc7zi5EXD
piFp+T/5ObJ8OgIhAMUh6KUcKTaTpePtSDOmuBCU167VPb7npmh/ajPxkOq/AHYA
YEyar3p/d18B1Ab8kg3ImesLHH34yVIb+voXdzuXi8kAAAGcnkxBywAABAMARzBF
AiEAkRhXiGcm3SnJyy3Zj5m9s9LAPptuhv0PQ5vg3wlukdgCIERMXPZufx1CzgQ0
fthLvWtXhztIjrul4dkdTl/cU7E4MAoGCCqGSM49BAMDA2cAMGQCME4aX1vThtfc
OZGAMPCC3Rlx47iEARZ4+3R/XFYj9s8fkKxlpMbXcwvukhcJ19p4zgIwdKdWT+ER
oUWxNCj5AOdWPO/SSLbaSUz61dn9FSxan5wRbhPFh7wk+iye2FhV/7tm
-----END CERTIFICATE-----
 1 s:C = BE, O = GlobalSign nv-sa, CN = GlobalSign ECC OV SSL CA 2018
   i:OU = GlobalSign ECC Root CA - R5, O = GlobalSign, CN = GlobalSign
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: Nov 21 00:00:00 2018 GMT; NotAfter: Nov 21 00:00:00 2028 GMT
-----BEGIN CERTIFICATE-----
MIIDAjCCAomgAwIBAgINAe5fIpVCSQX5AZGo3DAKBggqhkjOPQQDAzBQMSQwIgYD
VQQLExtHbG9iYWxTaWduIEVDQyBSb290IENBIC0gUjUxEzARBgNVBAoTCkdsb2Jh
bFNpZ24xEzARBgNVBAMTCkdsb2JhbFNpZ24wHhcNMTgxMTIxMDAwMDAwWhcNMjgx
MTIxMDAwMDAwWjBQMQswCQYDVQQGEwJCRTEZMBcGA1UEChMQR2xvYmFsU2lnbiBu
di1zYTEmMCQGA1UEAxMdR2xvYmFsU2lnbiBFQ0MgT1YgU1NMIENBIDIwMTgwdjAQ
BgcqhkjOPQIBBgUrgQQAIgNiAATDoRGNZSPhluG7q6bQA11PTe0ZD/xx44QlFam1
BM4eLeN+wfgwalsbkjzARCM9si/fnQeKNtKAlgNmNOHTmV3VfwGbocj6+22HVWZu
VeX/VeIGoWh1u7Lja/NDE7RsXaCjggEpMIIBJTAOBgNVHQ8BAf8EBAMCAYYwEgYD
VR0TAQH/BAgwBgEB/wIBADAdBgNVHQ4EFgQUWHuOdSr+YYCqkEABrtboB0ZuP0gw
HwYDVR0jBBgwFoAUPeYpSJvqB8ohREom3m7e0oPQn1kwPgYIKwYBBQUHAQEEMjAw
MC4GCCsGAQUFBzABhiJodHRwOi8vb2NzcDIuZ2xvYmFsc2lnbi5jb20vcm9vdHI1
MDYGA1UdHwQvMC0wK6ApoCeGJWh0dHA6Ly9jcmwuZ2xvYmFsc2lnbi5jb20vcm9v
dC1yNS5jcmwwRwYDVR0gBEAwPjA8BgRVHSAAMDQwMgYIKwYBBQUHAgEWJmh0dHBz
Oi8vd3d3Lmdsb2JhbHNpZ24uY29tL3JlcG9zaXRvcnkvMAoGCCqGSM49BAMDA2cA
MGQCMC4lzZGQw5mpNZBmztq8huxKf9/tRUJ5yLI4q6YU+i2fjF2FRBNA64EBmljA
7dkSOwIwL9qYB0APhsLmV0LhknrzHZVvtqzg7NQaIV18BEIDZQgK3gjxYzADjHSH
5uk4mCdW
-----END CERTIFICATE-----
 2 s:OU = GlobalSign ECC Root CA - R5, O = GlobalSign, CN = GlobalSign
   i:OU = GlobalSign ECC Root CA - R5, O = GlobalSign, CN = GlobalSign
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: Nov 13 00:00:00 2012 GMT; NotAfter: Jan 19 03:14:07 2038 GMT
-----BEGIN CERTIFICATE-----
MIICHjCCAaSgAwIBAgIRYFlJ4CYuu1X5CneKcflK2GwwCgYIKoZIzj0EAwMwUDEk
MCIGA1UECxMbR2xvYmFsU2lnbiBFQ0MgUm9vdCBDQSAtIFI1MRMwEQYDVQQKEwpH
bG9iYWxTaWduMRMwEQYDVQQDEwpHbG9iYWxTaWduMB4XDTEyMTExMzAwMDAwMFoX
```

```
DTM4MDExOTAzMTQwNlowUDEkMCIGA1UECxMbR2xvYmFsU2lnbiBFQ0MgUm9vdCBD
QSAtIFI1MRMwEQYDVQQKEwpHbG9iYWxTaWduMRMwEQYDVQQDEwpHbG9iYWxTaWdu
MHYwEAYHKoZIzj0CAQYFK4EEACIDYgAER0UOlvt9Xb/pOdEh+J8LttV7HpI6SFkc
8GIxLcB6KP4aplyztsyX50XUWPrRd21DosCHZTQKH3rd6zwzocWdTaRvQZU4f8ke
hOvRnkmSh5SHDDqFSmafnVmTTZdhBoZKo0IwQDAOBgNVHQ8BAf8EBAMCAQYwDwYD
VR0TAQH/BAUwAwEB/zAdBgNVHQ4EFgQUPeYpSJvqB8ohREom3m7e0oPQn1kwCgYI
KoZIzj0EAwMDaAAwZQIxAOVpEslu28YxuglB4Zf4+/2a4n0Sye18ZNPLBSWLVtmg
515dTguDnFt2KaAJJiFqYgIwcdK1j1zqO+F4CYWodZI7yFz9SO8NdCKoCOJuxUnO
xwy8p2Fp8fc74SrL+SvzZpA3
-----END CERTIFICATE-----
---
Server certificate
subject=C = MY, ST = Kuala Lumpur, L = Kuala Lumpur, O = International Islamic University Malaysia, CN = *.iium.edu.my
issuer=C = BE, O = GlobalSign nv-sa, CN = GlobalSign ECC OV SSL CA 2018
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: ECDSA
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 3076 bytes and written 406 bytes
Verification: OK
---
New, TLSv1.2, Cipher is ECDHE-ECDSA-AES256-GCM-SHA384
Server public key is 256 bit
Secure Renegotiation IS supported
Compression: NONE
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	301
Connected IP	210.48.222.141
Connect Time	25.88 ms
TTFB	95.08 ms
Total Time	95.24 ms
Error	Maximum (3) redirects followed

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Location: https://iium.edu.my:443/",
    "2": "Content-Length: 98",
    "3": "Content-Type: text/html",
    "5": "HTTP/1.1 301 Moved Permanently",
    "6": "Server: nginx/1.10.2",
    "7": "Date: Sat, 08 Aug 2026 10:18:01 GMT",
    "8": "Content-Type: text/html",
    "9": "Content-Length: 185",
    "10": "Connection: keep-alive",
    "11": "Location: https://www.iium.edu.my/",
    "12": "Set-Cookie: cookiesession1=678B28676DC40468E0A9C7E1A79036C8;Expires=Sun, 08 Aug 2027 10:15:38 GMT;Path=/;HttpOnly",
    "14": "HTTP/1.1 302 Found",
    "15": "Server: nginx/1.10.2",
    "16": "Date: Sat, 08 Aug 2026 10:18:01 GMT",
    "17": "Content-Type: text/html; charset=UTF-8",
    "18": "Connection: keep-alive",
    "19": "Location: https://iium.edu.my/v2",
    "20": "Set-Cookie: cookiesession1=678B2867F20051945A590EBF1ADDD877;Expires=Sun, 08 Aug 2027 10:15:38 GMT;Path=/;HttpOnly",
    "22": "HTTP/1.1 301 Moved Permanently",
    "23": "Server: nginx/1.10.2",
    "24": "Date: Sat, 08 Aug 2026 10:18:01 GMT",
    "25": "Content-Type: text/html",
    "26": "Content-Length: 185",
    "27": "Connection: keep-alive",
    "28": "Location: https://www.iium.edu.my/v2"
}
```


IPv4 HTTPS (port 443)

HTTP Status	301
Connected IP	210.48.222.141
Connect Time	16.51 ms
TTFB	89.52 ms
Total Time	89.66 ms
Error	Maximum (3) redirects followed

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Server: nginx/1.10.2",
    "2": "Date: Sat, 08 Aug 2026 10:18:01 GMT",
    "3": "Content-Type: text/html",
    "4": "Content-Length: 185",
    "5": "Connection: keep-alive",
    "6": "Location: https://www.iium.edu.my/",
    "7": "Set-Cookie: cookiesession1=678B286744066E3C3848C40BFC0AD0F4;Expires=Sun, 08 Aug 2027 10:15:38 GMT;Path=/;HttpOnly",
    "9": "HTTP/1.1 302 Found",
    "10": "Server: nginx/1.10.2",
    "11": "Date: Sat, 08 Aug 2026 10:18:01 GMT",
    "12": "Content-Type: text/html; charset=UTF-8",
    "13": "Connection: keep-alive",
    "14": "Location: https://iium.edu.my/v2",
    "15": "Set-Cookie: cookiesession1=678B2867AB9688347762AB206916B834;Expires=Sun, 08 Aug 2027 10:15:39 GMT;Path=/;HttpOnly",
    "17": "HTTP/1.1 301 Moved Permanently",
    "18": "Server: nginx/1.10.2",
    "19": "Date: Sat, 08 Aug 2026 10:18:01 GMT",
```

```
    "20": "Content-Type: text/html",
    "21": "Content-Length: 185",
    "22": "Connection: keep-alive",
    "23": "Location: https://www.iium.edu.my/v2",
    "25": "HTTP/1.1 301 Moved Permanently",
    "26": "Server: nginx/1.10.2",
    "27": "Date: Sat, 08 Aug 2026 10:18:01 GMT",
    "28": "Content-Type: text/html; charset=iso-8859-1",
    "29": "Connection: keep-alive",
    "30": "Location: https://www.iium.edu.my/v2/"
}
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.007685 0.015539
TCP Connect IPv4 → port 443	301 0.007327 0.044258

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
```