IPv6 Readiness Report

monash.edu.my — monash.edu.my

Scan to verify

Category: Education • Generated: 02 Nov 2026, 03:07 MYT • Last Checked: 08 Aug 2026, 18:32 MYT • Verification ID: 19ee3e49-2a77-4f82-858e-019c6551fe99
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/19ee3e49-2a77-4f82-858e-019c6551fe99

✗

Non-Compliant

MGv6C-1.0

40%

No IPv6 Support

IPV6-ONLY READINESS

Website: ✗ **Not Ready**

DNS: ✗ **Not Ready**

Email: ✓ **Ready**

IPV4 ADDRESSES

43.245.41.240

Network Information (WHOIS / RDAP)

	IPv4 Network
Organization	Squiz Pty Ltd
Country	AU
ASN	AS55532
ASN Name	SQUIZ-AS-AP - Squiz Pty Ltd, AU
Network (CIDR)	43.245.40.0/22

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	43.245.41.240
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 18ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 25ms TTFB.

Audit Trail & Evidence Record

Verification ID	19ee3e49-2a77-4f82-858e-019c6551fe99
Domain	monash.edu.my
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:32:10 MYT
Finished	08 Aug 2026, 18:32:13 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/19ee3e49-2a77-4f82-858e-019c6551fe99

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	8c1f85cf4b6ca61082b5bc6545537dd8a40e8b681f7d9ac30d0d1be16094023e
http_headers	64422173a7a69cc152100fc9db0892b7c5e212acfdfbd99ecb70ce0f0a531676
dns_responses	c7a98551827a172b412b815ef07ccdc24a760c257159ed7a7c78675ac0622404
tls_handshake	0b17a2c2f1e87c331da0df149b0c601d12ecbd5e6574fe907e9716756996816c
connectivity_log	e143e3433c337b1a968ed31d5c1d2557b6a18fda90fd0996e74ded9292acbd33
dns_resolution_times	02cf4177c95a2f5f2cb2c0b9b147b3ff46b8fb0a31052a913f218632278e9f09

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	22.21	23.18	10.08	21.36	-12.1
Google	IPv4	141.37	152.35	158.29	160.51	+16.9
Google	IPv6	96.15	170.36	146.04	221.82	+49.9
Cloudflare	IPv4	21.93	22.82	22.22	25.28	+0.3
Cloudflare	IPv6	22.7	44.19	21.04	21.43	-1.7

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 2489
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
monash.edu.my.□□600□IN□A□43.245.41.240
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 10209
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
edu.my.□□□3599□IN□SOA□e.nic.my. hostmaster.nic.my. 2026062863 1800 900 604800 3600
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 21014
;; flags: qr rd ra; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
monash.edu.my.□□900□IN□MX□1 aspmx.l.google.com.
monash.edu.my.□□900□IN□MX□5 alt2.aspmx.l.google.com.
monash.edu.my.□□900□IN□MX□5 alt1.aspmx.l.google.com.
monash.edu.my.□□900□IN□MX□10 alt4.aspmx.l.google.com.
monash.edu.my.□□900□IN□MX□10 alt3.aspmx.l.google.com.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 20273
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 4

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
monash.edu.my.□□900□IN□NS□ns3.its.monash.edu.my.
monash.edu.my.□□900□IN□NS□ns5.its.monash.edu.my.
monash.edu.my.□□900□IN□NS□ns4.its.monash.edu.my.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 42755
;; flags: qr rd ra; QUERY: 1, ANSWER: 11, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
monash.edu.my.□□900□IN□TXT□"google-site-verification=IChoZgzbh8zx_V4L9njllzomS6AnHkofZ0b6B-baEH4"
monash.edu.my.□□900□IN□TXT□"GoDaddy=tffhaol2kfur94d4a7lj6d8tp6"
monash.edu.my.□□900□IN□TXT□"MS=ms30170482"
monash.edu.my.□□900□IN□TXT□"ADBA36DF-39E9-419D-B342-B609397BAA7E"
monash.edu.my.□□900□IN□TXT□"v=spf1 include:_spf.google.com -all"
monash.edu.my.□□900□IN□TXT□"google-site-verification=yFiHhU6C-sQI9U9Qbh05GvtDBzJProHq07NC0iyHl8w"
monash.edu.my.□□900□IN□TXT□"globalsign-domain-verification=8D2AE46F271B5609801F024A0EEB68B2"
monash.edu.my.□□900□IN□TXT□"google-site-verification=k3CE6U5bZ6D3QsBKqpCMBLVUuWKnVvHYdFl0fXPlliE"
monash.edu.my.□□900□IN□TXT□"QuoVadis=9df39435-6f43-4a72-991e-aeea9a481141"
monash.edu.my.□□900□IN□TXT□"facebook-domain-verification=689y0i5w4obvjhnbqj5mhifu2yl6bz"
monash.edu.my.□□900□IN□TXT□"MS=ms85332005"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 56083
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1
```

```
;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
monash.edu.my.□□899□IN□SOA□ns4.its.monash.edu.my. hostmaster.monash.edu.my. 2023033239 1800 900 1209600 900
```

RRSIG

```
ns4.its.monash.edu.my. hostmaster.monash.edu.my. 2023033239 1800 900 1209600 900
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 22209
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
monash.edu.my.□□899□IN□SOA□ns4.its.monash.edu.my. hostmaster.monash.edu.my. 2023033239 1800 900 1209600 900
```

DNSSEC_VALIDATION

```
; unsigned answer
monash.edu.my.□□899□IN□SOA□ns4.its.monash.edu.my. hostmaster.monash.edu.my. 2023033239 1800 900 1209600 900
```

TLS Handshake Evidence

IPV4 Connection

IP Used	43.245.41.240
IP Version	4

```
depth=2 C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
verify return:1
depth=1 C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA OV R36
verify return:1
depth=0 C = AU, ST = Victoria, O = Monash University, CN = monash.edu.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = AU, ST = Victoria, O = Monash University, CN = monash.edu.my
   i:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA OV R36
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Jun 10 00:00:00 2026 GMT; NotAfter: Dec 25 23:59:59 2026 GMT
-----BEGIN CERTIFICATE-----
MIIHITCCBYmgAwIBAgIRAJspiwdl4L7oPwJCQBXVZz0wDQYJKoZIhvcNAQELBQAw
YDELMAkGA1UEBhMCR0IxGDAWBgNVBAoTD1NlY3RpZ28gTGltaXRlZDE3MDUGA1UE
AxMuU2VjdGlnbyBQdWJsaWMgU2VydmVyIEF1dGhlbnRpY2F0aW9uIENBIE9WIFIz
NjAeFw0yNjA2MTAwMDAwMDBaFw0yNjEyMjUyMzU5NTlaMFQxCzAJBgNVBAYTAkFV
MREwDwYDVQQIEwhWaWN0b3JpYTEaMBgGA1UEChMRTW9uYXNoIFVuaXZlcnNpdHkx
FjAUBgNVBAMTDW1vbmFzaC5lZHUubXkwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAw
ggEKAoIBAQDLSAZd5LNl47UeV43mMFgLdZI6wErRTf2BgBVuHrCDookCr17mHYkw
f7YfsUXm9XfGIIv85anXUKt7DPblfoxhJ49cD/vJggUE31ejyh2nc/0Q36m0/Oo/
z4S7EN2RblAhmmTjb5LaEKOFCLLXoSgsqwYL8rd6dZIbwh1DH9bZ0Z5/wcIM2aEJ
54hTqwSnSRlnwX8Q9rCvNOfCGUaXEBSOMuSAAdHuzRn0N0tI2srgfL/bjKWeeCik
jmDZn03BwLEz3zCl6jGUdqeN6E9XHHW/rhbZARZ0PFbX42k+XU5GKLc1MYi8fcM6
PqOmEa0gA+Qdj8S7lMH6mOfbMbwiAP+RAgMBAAGjggNgMIIDXDAfBgNVHSMEGDAW
gBTjZnS7cGiNLF1ODqZKj5s3IpyCkjAdBgNVHQ4EFgQUr9Ic6kk6roPYYMvLnDSH
osjsvUIwDgYDVR0PAQH/BAQDAgWgMAwGA1UdEwEB/wQCMAAwHQYDVR0lBBYwFAYI
KwYBBQUHAwEGCCsGAQUFBwMCMEoGA1UdIARDMEEwNQYMKwYBBAGyMQECAQMEMCUw
IwYIKwYBBQUHAgEWF2h0dHBzOi8vc2VjdGlnby5jb20vQ1BTMAgGBmeBDAECAjBU
BgNVHR8ETTBLMEmgR6BFhkNodHRwOi8vY3JsLnNlY3RpZ28uY29tL1NlY3RpZ29Q
dWJsaWNTZXJ2ZXJBdXRoZW50aWNhdGlvbkNBT1ZSMzYuY3JsMIGEBggrBgEFBQcB
AQR4MHYwTwYIKwYBBQUHMAKGQ2h0dHA6Ly9jcnQuc2VjdGlnby5jb20vU2VjdGln
b1B1YmxpY1NlcnZlckF1dGhlbnRpY2F0aW9uQ0FPVlIzNi5jcnQwIwYIKwYBBQUH
MAGGF2h0dHA6Ly9vY3NwLnNlY3RpZ28uY29tMIIBhQYKKwYBBAHWeQIEAgSCAXUE
ggFxAW8AdQDXbX0Q0af1d8LH6V/XAL/5gskzWmXh0LMBcxfAyMVpdwAAAZ6wXhhg
AAAEAwBGMEQCIGuo5G2/iP+U5VgvY5WGRAndTIkbFvJzyj7YKjZ/8iMbAiAqSSNE
xV4sRYhK4/6d00jn0nDCuxo6htHnpGjp39NGaQB2AMijxH/Hs625NWsBP2p6Em3j
Ok5DpcZG+ZetOXWZHc+aAAABnrBeGAYAAAQDAEcwRQIhAJNYZCBuBJyCEqLzD23R
M+BXF+2qs8boVG1c7LiIA5oIAiAj6Sc1sw6f7PXBw6eCzoRmw+gFEyQGv0zZFSeX
qd3pnQB+AI7KRwus3mrzogawpHqEt0b+H8a/lT4l5ptO5AJI88boAAABnrBeGDMA
CAAABQADjmbXBAMARzBFAiAVvgWKwCD0uz4z6NSVbbk4hetRSGq7z1BToPSSzgg2
pgIhAJhwX3yJsisR5FB4SEEkmwx+gA7+rGglyyqy+pDBgbudMCsGA1UdEQQkMCKC
DW1vbmFzaC5lZHUubXmCEXd3dy5tb25hc2guZWR1Lm15MA0GCSqGSIb3DQEBCwUA
A4IBgQCbma4bkgjU1iFbfhsPG60fvObl60DKL7ZG8zaUNy9eV2DTF8epmLIz2ARI
utYxlsVBbMZxWbq9mY8Kc3E0h4v1ae+lIcW6RfSQBunph1arLlTImeVEnPbdsrLl
4fXflyYPnugjmWxPT1NRcg+AOsdpM4n3mS4A4IssENXPGv8GEZQyoW9Blq3NwMuj
g0hNkOg+kNggABig/askMV5MKkzbuC2qlvpQ7i1bAowCBG+lPqABC1tvlq/EHAEp
0EOMDJIqXr1LLJ/wlK8NrmqmAIAo+j4G0APuVEuJA5Cz56bJmV6ugo3zJQazsWNF
23DsZQgP2DFghVgr8S1l3mLHJWwnQ/ABI83uIPr2spJj1FR+pIvKwXQi090+1qll
Xl3AuhdpI7GsMXwGhq0He4vJpxontgmMVxXvAELGApA65kFjiPOmySqPJeCXH4AN
6UmtaG7Hl3r6F6GTPb8aiJxsDPuqVXZOMQf4U4sQLPhBBXe7FdmwN3M4lQeggfIM
ultQ2VI=
-----END CERTIFICATE-----
 1 s:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA OV R36
   i:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
   a:PKEY: rsaEncryption, 3072 (bit); sigalg: RSA-SHA384
   v:NotBefore: Mar 22 00:00:00 2021 GMT; NotAfter: Mar 21 23:59:59 2036 GMT
-----BEGIN CERTIFICATE-----
MIIGTDCCBDSgAwIBAgIQLBo8dulD3d3/GRsxiQrtcTANBgkqhkiG9w0BAQwFADBf
MQswCQYDVQQGEwJHQjEYMBYGA1UEChMPU2VjdGlnbyBMaW1pdGVkMTYwNAYDVQQD
Ey1TZWN0aWdvIFB1YmxpYyBTZXJ2ZXIgQXV0aGVudGljYXRpb24gUm9vdCBSNDYw
HhcNMjEwMzIyMDAwMDAwWhcNMzYwMzIxMjM1OTU5WjBgMQswCQYDVQQGEwJHQjEY
MBYGA1UEChMPU2VjdGlnbyBMaW1pdGVkMTcwNQYDVQQDEy5TZWN0aWdvIFB1Ymxp
YyBTZXJ2ZXIgQXV0aGVudGljYXRpb24gQ0EgT1YgUjM2MIIBojANBgkqhkiG9w0B
AQEFAAOCAY8AMIIBigKCAYEApkMtJ3R06jo0fceI0M52B7K+TyMeGcv2BQ5AVc3j
lYt76TvHIu/nNe22W/RJXX9rWUD/2GE6GF5x0V4bsY7K3IeJ8E7+KzG/TGboySfD
u+F52jqQBbY62ofhYjMeiAbLI02+FqwHeM8uIrUtcX8b2RCxF358TB0NHVccAXZc
FYgZndZCeXxjuca7pJJ20LLUnXtgXcjAE1vY4WvbReW0W6mkeZyNGdmpTcFs5Y+s
yy6LtE5Zocji9J9NlNnReox2RWVyEXpA1ChZ4gqN+ZpVSIQ0HBorVFbBKyhdZyEX
gZgNSNtBRwxqwIzJePJhYd4ZUhO1vk+/uP3nwDk0p95q/j7naXNCSvESnrHPypaB
WRK066nKfPRPi9m9kIOhMdYfS8giFRTcdgL24Ycilj7ecAK9Trh0VbjwouJ4WH+x
bt47u68ZFCD/ac55I0DNHkCpaPruj6e9Rmr7K46wZDAYXuEAqB7tGG/jd6JAA+H2
```

```
O44CV98NRsU213f1kScIZntNAgMBAAGjggGBMIIBfTAfBgNVHSMEGDAWgBRWc1hk
lfmSGrASKgRieaFAFYghSTAdBgNVHQ4EFgQU42Z0u3BojSxdTg6mSo+bNyKcgpIw
DgYDVR0PAQH/BAQDAgGGMBIGA1UdEwEB/wQIMAYBAf8CAQAwHQYDVR0lBBYwFAYI
KwYBBQUHAwEGCCsGAQUFBwMCMBsGA1UdIAQUMBIwBgYEVR0gADAIBgZngQwBAgIw
VAYDVR0fBE0wSzBJoEegRYZDaHR0cDovL2NybC5zZWN0aWdvLmNvbS9TZWN0aWdv
UHVibGljU2VydmVyQXV0aGVudGljYXRpb25Sb290UjQ2LmNybDCBhAYIKwYBBQUH
AQEEeDB2ME8GCCsGAQUFBzAChkNodHRwOi8vY3J0LnNlY3RpZ28uY29tL1NlY3Rp
Z29QdWJsaWNTZXJ2ZXJBdXRoZW50aWNhdGlvblJvb3RSNDYucDdjMCMGCCsGAQUF
BzABhhdodHRwOi8vb2NzcC5zZWN0aWdvLmNvbTANBgkqhkiG9w0BAQwFAAOCAgEA
BZXWDHWC3cubb/e1I1kzi8lPFiK/ZUoH09ufmVOrc5ObYH/XKkWUexSPqRkwKFKr
7r8OuG+p7VNB8rifX6uopqKAgsvZtZsq7iAFw04To6vNcxeBt1Eush3cQ4b8nbQR
MQLChgEAqwhuXp9P48T4QEBSksYav7+aFjNySsLYlPzNqVM3RNwvBdvp6vgDtGwc
xlKQZVuuNVIaoYyls8swhxDeSHKpRdxRauTLZ+pl+wGvy0pnrLEJGSz9mOEmfbod
e/XopR2NGqaHJ6bIjyxPu6UtyQGI26En7UAEozACrHz06Nx2jTAY9E6NeB6XuobE
wLK025ZRmvglcURG1BrV24tGHHTgxCe8M3oGlpUSMTKQ2dkgljZVYt+gKdFtWELZ
MuRdi+X3XsrR8LFz+aLUiDRfQqhmw3RxjIyVKvvu9UPYY1nsvxYmFnUSeM+2q1z/
iPUry+xDY9MC6+IhleKT094VKdFVp7LXH42+wvU+17lRolQ2mK2N/nBLVBwaIhib
QXw4VYKwB86Bc6eS6iqsc94KEgD/U4VsjmgfhK+Xp4NM+VYzTTa3QeV3p8xOM0cw
q1p8oZFA+OBcz3FYWpDIe5j0NWKlw9hXsTyPY/HeZUV59akskSOSRSmDfe8wJDPX
58uB9/7lud0G3x0pxQAcffP0ayKavNwDTw4UfJ34cEw=
-----END CERTIFICATE-----
 2 s:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
   i:C = US, ST = New Jersey, L = Jersey City, O = The USERTRUST Network, CN = USERTrust RSA Certification Authority
   a:PKEY: rsaEncryption, 4096 (bit); sigalg: RSA-SHA384
   v:NotBefore: Mar 22 00:00:00 2021 GMT; NotAfter: Jan 18 23:59:59 2038 GMT
-----BEGIN CERTIFICATE-----
MIIGlTCCBH2gAwIBAgIRANJ/u8HeNZ5SFq1hSVhgmcQwDQYJKoZIhvcNAQEMBQAw
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	403
Connected IP	2.58.104.10
Connect Time	3.78 ms
TTFB	17.14 ms
Total Time	17.22 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Sat, 08 Aug 2026 10:32:13 GMT",
    "2": "Content-Type: text/html; charset=UTF-8",
    "3": "Connection: keep-alive",
    "4": "Location: https://www.monash.edu.my/",
    "5": "X-Content-Type-Options: nosniff",
    "6": "Server: cloudflare",
    "7": "CF-RAY: a27ddb1bf9c5c7bd-KUL",
    "8": "alt-svc: h3=\":443\"; ma=86400",
    "10": "HTTP/2 403",
    "11": "date: Sat, 08 Aug 2026 10:32:13 GMT",
    "12": "content-type: text/html; charset=UTF-8",
    "13": "content-length: 5301",
    "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-LyOwPhJURbc0O17xcjCURo' '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: chlray;desc=\"a27ddb1c0a733cd8\"",
    "26": "x-content-type-options: nosniff",
    "27": "x-frame-options: SAMEORIGIN",
    "28": "strict-transport-security: max-age=31536000",
    "29": "set-cookie: __cf_bm=rtmoc8bUjXF37U8hTGNqEKcVHMEWtjxvZDJUZ9mbAjI-1786185133.4430285-1.0.1.1-
Vs930VopZxn318hKBKIPlVigtK38fPZjuaAzxcDwbX8wDajT6z1HZA2aoRNKjEK3.ViAMUkfsHhXBdVSHa1ejdBlBe2jH76gy49V6Bs_fiw1g7IqPkLVi.EaDEtwzL4b; HttpOnly; Secure; Path=/;
Domain=www.monash.edu.my; Expires=Sat, 08 Aug 2026 11:02:13 GMT",
    "30": "cf-ray: a27ddb1c0a733cd8-KUL",
    "31": "alt-svc: h3=\":443\"; ma=86400"
}
```


IPv4 HTTPS (port 443)

HTTP Status	403
Connected IP	2.58.104.11
Connect Time	3.93 ms
TTFB	24.52 ms
Total Time	24.6 ms

Response Headers:


```
{
    "0": "HTTP/2 301",
    "1": "date: Sat, 08 Aug 2026 10:32:13 GMT",
    "2": "content-type: text/html; charset=UTF-8",
    "3": "location: https://www.monash.edu.my/",
    "4": "strict-transport-security: max-age=31536000",
    "5": "x-content-type-options: nosniff",
    "6": "server: cloudflare",
    "7": "cf-ray: a27ddb1c1cf06b5d-KUL",
    "8": "alt-svc: h3=\":443\"; ma=86400",
```

```
    "10": "HTTP/2 403",
    "11": "date: Sat, 08 Aug 2026 10:32:13 GMT",
    "12": "content-type: text/html; charset=UTF-8",
    "13": "content-length: 5301",
    "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-yM3msxj1V2n1yJkLy2c4Jo' '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: chlray;desc=\"a27ddb1c2ad18117\"",
    "26": "x-content-type-options: nosniff",
    "27": "x-frame-options: SAMEORIGIN",
    "28": "strict-transport-security: max-age=31536000",
    "29": "set-cookie: __cf_bm=gwiXxQqOapa3n408htg5nWfqDyO_gvIsad5tJgQYE5s-1786185133.4679663-1.0.1.1-
QngMh_tu2GMGe_wvUD1zQBNBK_RUiiiAg5X2fQgCrZXGr8V_C6useD98zXPc3F6dOd3K4_mAtwrac51WaTGlYCw80T0lhnJ9VHUfmUyYh7ZYnSLbPk2MMiTssVLmFQjW; HttpOnly; Secure; Path=/;
Domain=www.monash.edu.my; Expires=Sat, 08 Aug 2026 11:02:13 GMT",
    "30": "cf-ray: a27ddb1c2ad18117-KUL",
    "31": "alt-svc: h3=\":443\"; ma=86400"
}
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.000997 0.006081
TCP Connect IPv4 → port 443	301 0.001006 0.024252

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
```