

IPv6 Readiness Report

monash.edu.my — monash.edu.my



Scan to verify

Category: Education • Generated: 29 Jul 2026, 04:54 MYT • Last Checked: 04 Jul 2026, 03:51 MYT • Verification ID: 6fcaf9a0-1c89-4833-8fe3-046846fe3783
Report generated from National IPv6 Readiness Monitor — <https://ipv6.my6.my>
Audit trail: <https://ipv6.my6.my/audit/6fcaf9a0-1c89-4833-8fe3-046846fe3783>

X

Non-Compliant

MGv6C-1.0

32%

No IPv6 Support

IPv6-ONLY READINESS

Website: X Not Ready

DNS: X Not Ready

Email: X Not 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%)			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: 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 — 37ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 38ms TTFB.

Audit Trail & Evidence Record

Verification ID	6fcaf9a0-1c89-4833-8fe3-046846fe3783
Domain	monash.edu.my
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:51:30 MYT
Finished	04 Jul 2026, 03:51:52 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/6fcaf9a0-1c89-4833-8fe3-046846fe3783

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	a8fd82565d0c5c588f750cf88099740a6b74a651ac0f1758f18c2b00ed68a07d
http_headers	0d784e66ab94f88488773fe02a4da9f5f9b80ad900f7491a4b6d554da70dfd41
dns_responses	049e604f0fe90c24be5bc08f4ceed790841d6e43d64f6a2195720015539b90ad
tls_handshake	7af15eb6769bb317892ff632b61deef25dd7e7f00944ab35bebad37034a359f7
connectivity_log	eb3a1723487fe42f1f6d02997a05de0c95b6a657ab600fae7ad40f2d41e2fe6b
dns_resolution_times	8465b359379b4140035c5d94e3c468b64ce47450790b57f0f929e98e02174027

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	24.37	24.49	21.07	22.43	-3.3
Google	IPv4	18.06	33.03	29.98	34.41	+11.9
Google	IPv6	30.27	32.06	29.58	47.43	-0.7
Cloudflare	IPv4	8.75	21.6	8.84	9.03	+0.1
Cloudflare	IPv6	24.16	30.06	25.41	42.58	+1.3

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 32282
;; 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. 6000IN A 43.245.41.240
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 52815
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
edu.my. 2888IN SOA e.nic.my. hostmaster.nic.my. 2026052757 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 57078
;; 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. 900IN MX 10 alt3.aspmx.l.google.com.
monash.edu.my. 900IN MX 1 aspmx.l.google.com.
monash.edu.my. 900IN MX 5 alt1.aspmx.l.google.com.
monash.edu.my. 900IN MX 10 alt4.aspmx.l.google.com.
monash.edu.my. 900IN MX 5 alt2.aspmx.l.google.com.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 11097
;; 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. 900IN NS ns4.its.monash.edu.my.
monash.edu.my. 900IN NS ns5.its.monash.edu.my.
monash.edu.my. 900IN NS ns3.its.monash.edu.my.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 34260
;; 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. 900IN TXT "GoDaddy=tffhaol2kfur94d4a7lj6d8tp6"
monash.edu.my. 900IN TXT "google-site-verification=IChoZgzbh8zx_V4L9njllzomS6AnHkofZ0b6B-baEH4"
monash.edu.my. 900IN TXT "v=spf1 include:_spf.google.com -all"
monash.edu.my. 900IN TXT "globalsign-domain-verification=8D2AE46F271B5609801F024A0EEB68B2"
monash.edu.my. 900IN TXT "ADBA36DF-39E9-419D-B342-B609397BAA7E"
monash.edu.my. 900IN TXT "google-site-verification=k3CE6U5bZ6D3QsBKqpCMBLVUuWKnVvHYdFL0fxPlIiE"
monash.edu.my. 900IN TXT "MS=ms85332005"
monash.edu.my. 900IN TXT "QuoVadis=9df39435-6f43-4a72-991e-aeaa9a481141"
monash.edu.my. 900IN TXT "facebook-domain-verification=689y0i5w4obvjhnbqj5mhifu2yl6bz"
monash.edu.my. 900IN TXT "MS=ms30170482"
monash.edu.my. 900IN TXT "google-site-verification=yFiHhU6C-sQI9U9Qbh05GvtDBzJProHq07NC0iyHl8w"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 61168
;; 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. 879 IN SOA ns4.its.monash.edu.my. hostmaster.monash.edu.my. 2023033237 1800 900 1209600 900
```

RRSIG

```
ns4.its.monash.edu.my. hostmaster.monash.edu.my. 2023033237 1800 900 1209600 900
```

DNSKEY

```
;; Got answer:
;; ->HEADER<- opcode: QUERY, status: NOERROR, id: 14043
;; 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. 879 IN SOA ns4.its.monash.edu.my. hostmaster.monash.edu.my. 2023033237 1800 900 1209600 900
```

DNSSEC_VALIDATION

```
; unsigned answer
monash.edu.my. 879 IN SOA ns4.its.monash.edu.my. hostmaster.monash.edu.my. 2023033237 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:PKKEY: 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
AxMuU2VjdGlnbyBQdWJsawMgU2VydMvYIEF1dGh1bnRpY2F0aW9uIENBIE9WIEFz
NjAeFw0yNjA2MTAwMDAwMDBaFw0yNjEyYyUzMzU5NTLaMFQxY2A3BGNVBAITakFV
MRwEwDuYDVQIEEhWawN0b3JpYTEaMBGGA1UEChMRTW9uYXNoIFVuaXZlcnNpdHxk
FjAUBGNVBAITDWM1bWbFzaC5lZHUubXkwggEiMA0GCSCqSISb3DQEBAQUAA4IBDwAw
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f7YfsUXm9XfGIiv85anXUKt7DPblfoxbhJ49cD/vJggUE31ejyh2nc/0Q36m0/0o/
z4S7EN2RbLAhmmTjb5LaEKOFCLLXoSgsgwYL8rd6dZiwbh1DH9bZ0Z5/wcIM2aEJ
54hTqwSnSRlnwX8Q9rcvN0fCGUaXEBs0MuSAAHuzRn0N0tI2srgfL/bjKWeeCik
jmdZn03BwLEz3zCl6jGUdqeN6E9XHHW/rhbZARZ0PFbX42k+XU5GKLc1MYi8fcM6
Pq0mEa0gA+Qdj8S7LMH6m0fbMbwIAP+RagMBAAGjggNgMIIDXAfbGnVHSMEGDAW
gbTjZnS7cGnILF10DqZKj5s3IpyCkAdBgNVHQ4EFgQUr9Ic6kk6roPYMYvLnDSH
osjsvUIwDgYDVR0PAAQH/BAQDAgWgMAwGA1UdEwEB/wQMAAwHQYDVR0LBBYwFAYI
KwYBBQUHAWEGCCsGAQUFBwMCMc0eGA1UdIARDEMEENQYMKwYBBAGYMQECAQMCMUc
wIYKwYBBQUHAgEWF2h0dHBzOi8vc2VjdGlnby5jb20vQ1BMTAGBmeBDAECAjBU
BgNVHR8ETTBLMemgR6BFhkNodHRwOi8vY3JsLnNlY3RpZ28uY29tL1NlY3RpZ29Q
dWJsawNTXZj2ZXJBdXRoZW50aWVhdGlvbKNBT1ZSMzYuY3JsMIGEBggrBgEFBQcB
AQR4MHYwTwYIKwYBBQUHMAKG2h0dHA6Ly9jcnQuc2VjdGlnby5jb20vU2VjdGln
b1B1YmxpY1NlcnZlcF1dGh1bnRpY2F0aW9uQ0FPVLIzNi5jcnQwIwYIKwYBBQUH
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ggFxAw8AdQDxbX0Q0af1d8LH6V/XAL/5gskzWmXh0LMBcxFAyMvPdWAAAZ6wXhHg
AAAEAwBGMQEICIguo5G2/iP+U5VgvY5WGRAndTIkbFvJzyj7YKjZ/8iMbAIAqSSNE
xV4sRYhK4/6d00jn0nDCuxo6htHnpGjp39NGaQB2AMijxH/Hs625NwsBP2p6Em3j
0k5DpcZG+Zet0XWZHc+AAABNrbEGAYAAAQDAECwRQIHJNYZCBuBJyCEqLzD23R
M+BXF+2qs8boVG1c7LiIA5oIAiAj6Sclsw6f7PXBw6eCzoRmw+gFEy0Gv0zZFSeX
qd3pnQB+AI7KRwus3mrzogatpHqEt0b+H8a/LT4L5pt05AJI88boAAABNrBeGDMA
CAAABQADjmbXBAMARzBFAiAVvgWkWCd0uz4z6NSVbbk4hetR5Gq7z1BT0PSSzgg2
pgIhAJhwX3yJsisR5FB4SEEkwx+gA7+rGgLyryq+pdBgbudMCsGA1UdEQQMCKC
DW1vbmFzaC5lZHUubXmEXd3dy5tb25hc2guZWRL1m15MA0GCSCqSISb3DQEBcUA
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utYxLsVBbMZxwbq9mY8Kc3E0h4v1ae+LIcW6RfS0Bunph1arLlTImeVEnPbdsrLl
4FXfLyYPnugjmwXPT1NRCg+A0sdpM4n3mS4A4IssENXPGv8GEZQyow9B1q3NwMuj
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23DsZQgP2DFghVgr8S1l3mLHJWwnQ/ABI83uIPr2spJj1FR+PivKwXQi090+1qlL
XL3AuhdpI7GsMXwGhq0He4vJpxontgmMVXvAELGAPa65kFjP0mySqPJeCXH4AN
6UmtaG7H13r6F6GTPb8aiJxsDPuqVXZOMqf4U4sQLPhBBXe7FdmwN3M4lQeggfIM
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:PKKEY: 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-----
MITIGTDCBDSgAwIBAgIQLBo8duLD3d3/GRsxiQrtcTANBgkqhkiG9w0BAQwFADBF
MQswCQYDVQQGEwJH0jEYMBYGA1UEChMPU2VjdGlnbyBMaWlpdGVkMTYwNAYDVQQDE
Y1Y1ZWNoaWdvIFB1YmxpYyBTZjZ2ZXJgQXV0aGVudGllYXRpb24gUm9vdCBNSNDYw
HhcNMjEwMzIyMDAwMDAwWWhcNMZyWmZIxMjM1OTU5WjBGMQswCQYDVQQGEwJH0jEY
MBYGA1UEChMPU2VjdGlnbyBMaWlpdGVkMTcwNQYDVQ0DEy5TZWNoaWdvIFB1Ymxp
YyBTZjZ2ZXJgQXV0aGVudGllYXRpb24gQ0EgT1YgUjM2MIIBojANBgkqhkiG9w0B
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LYt76tVHIu/nNe22W/RJXX9rWUD/2GE6GF5x0V4bsY7K3IeJ8E7+KzG/TGboySfD
u+F52jqQBbY62ofhYjMeiAbLI02+FqwHeM8uIrUtcX8b2RCxF358TB0NHVccAXZc
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g2gNSntBRwxqWIZJeP3Jhyd4ZUho1vk+/uP3nwdk0p95q/j7naXNCsVESnrHPypaB
WRK066nKfPRPi9m9KI0hMdYfS8giFRTcdgL24Yc1lJ7ecAK9Trh0VbjwouJ4WH+x
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```

044CV98NRsU213f1kScIZntNagMBAAGjggGBMIIBfTAfBgNVHSMEGDAWgBRWc1hk
lfmSGrASKgRieaFAFYghsTAdBgNVHQ4EFgQU42Z0u3Boj5xdTg6mSo+bNyKcgpIw
DgYDVR0PAAQH/BAQDAgGGMBIGA1UdEwEB/wQIMAYBAf8CAQAwHQYDVROlBBYwFAYI
KwYBBQUHAWEGCCsGAQUFBwMCMBSGA1UdIAQUMBwBgYEVR0gADAIbgZngQwBAGIw
VAYDVR0fBE0wSzBjOEegRYZDHR0cDovL2NyYbC5zZWNOaWdvLmNvbS9TZWN0aWdv
UHVibGljU2VydmlVYQXV0aGVudGljYXRpb255b290UjQ2LmNybDCBhAYIKwYBBQUH
AQEEeDB2ME8GCCsGAQUFBzAChkNodHRwOi8vY3J0LnNLY3RpZ28uY29tL1NLY3Rp
Z290dWJsawNTZXJ2ZXJBdXR0ZW50aWNhdGlvb1Jvb3RSNDYucDdjMCMGCCsGAQUF
BzABhhdodHRwOi8vb2NzcC5zZWNOaWdvLmNvbTANBgkqhkiG9w0BAQwFAAOCAGEA
BZXWdHWC3cubb/e1I1kzi8lPFiK/ZUoH09ufmV0rc50bYH/XKkKWUexSPqRkwKFKr
7r80uG+p7VNB8rifX6uopqKAgsVZtZsq7iAFw04To6vNcxeBt1Eush3cQ4b8nbQR
MQLChgEAqwhuXp9P48T4QEBsksYav7+aFjNySsLYLPzNqVM3RNwvBdvp6vgDtGwc
x1KQZVuuNVIAoYyls8swhxDeSHKpRdxRauTLZ+pl+wGvy0pnrLEJGSz9m0Emfbod
e/XopR2NGqaHJ6bIjyxPu6UtyQGI26En7UAEOzACrHz06Nx2jTAY9E6NeB6XuobE
wLK025ZRmvglcURG1BrV24tGHHTGxCe8M3oGlPU5MTKQ2dkgljZVYt+gKdFtWELZ
MuRdi+X3XsrR8LFz+aLUiDRfQqhmw3RxjIyVKvvu9UPYYInsvxYmFnUSeM+2q1z/
iPUry+xDY9MC6+IhLeKT094VKdFVp7LXH42+wwU+17LRoLQ2mK2N/nBLVBwaIhib
QXw4VYKwB86Bc6e5iqsc94KEgD/U4VsjpgfhK+Xp4NM+VYzTTa3QeV3p8x0M0cw
q1p8oZFA+0Bcz3FYWpDie5j0NWKLw9hXsTyPY/HeZUV59aksKS0SRSmDfe8WJDXP
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:PKKEY: 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/u8HeNZ55Fq1hSVhgmcQwDQYJKoZIhvcNAQEMBQAw

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	403
Connected IP	2.58.104.10
Connect Time	4.45 ms
TTFB	38.09 ms
Total Time	38.16 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 03 Jul 2026 19:51:52 GMT",
  "2": "Content-Type: text/html",
  "3": "Content-Length: 167",
  "4": "Connection: keep-alive",
  "5": "Cache-Control: max-age=3600",
  "6": "Expires: Fri, 03 Jul 2026 20:51:52 GMT",
  "7": "Location: https://www.monash.edu.my/",
  "8": "X-Content-Type-Options: nosniff",
  "9": "Server: cloudflare",
  "10": "CF-RAY: a1586d67cf590646-KUL",
  "11": "alt-svc: h3=\":443\"; ma=86400",
  "13": "HTTP/2 403",
  "14": "date: Fri, 03 Jul 2026 19:51:52 GMT",
  "15": "content-type: text/html; charset=UTF-8",
  "16": "content-length: 7592",
  "17": "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",
  "18": "cf-mitigated: challenge",
  "19": "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",
  "20": "cross-origin-embedder-policy: require-corp",
  "21": "cross-origin-opener-policy: same-origin",
  "22": "cross-origin-resource-policy: same-origin",
  "23": "origin-agent-cluster: ?1",
  "24": "permissions-policy: accelerometer=(),browsing-topics=(),camera=(),clipboard-read=(),clipboard-write=(),geolocation=(),gyroscope=(),hid=(),interest-cohort=(),magnetometer=(),microphone=(),payment=(),publickey-credentials-get=(),screen-wake-lock=(),serial=(),sync-xhr=(),usb=(),xr-spatial-tracking=(self)",
  "25": "referrer-policy: same-origin",
  "26": "server-timing: chlrays;desc=\"a1586d67eccd4bc5\"",
  "27": "x-content-type-options: nosniff",
  "28": "x-frame-options: SAMEORIGIN",
  "29": "content-security-policy: default-src 'none'; script-src 'nonce-zY3t1xW5f6JGYSfCMPS7yd' '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'",
  "30": "cache-control: private, max-age=0, no-store, no-cache, must-revalidate, post-check=0, pre-check=0",
  "31": "expires: Thu, 01 Jan 1970 00:00:01 GMT",
  "32": "set-cookie: __cf_bm=J0iH.gXLMqYwX6YqZghuHuVYqGMyMu1Ys_JEHT2rpiw-1783108312-1.0.1.1-d0dm4HrmdXV9zc0nXM2ts0c2CLPR5y147jy.Remt8zcn_SojwF80Z0BGiJP1ZMQVsqT4dRgSg7zVlrI7bQHknCkA6YEgKFeb2gf5jidid5o; path=/; expires=Fri, 03-Jul-26 20:21:52 GMT; domain=.www.monash.edu.my; HttpOnly; Secure",
  "33": "strict-transport-security: max-age=31536000",
  "34": "server: cloudflare",
  "35": "cf-ray: a1586d67eccd4bc5-KUL",
  "36": "alt-svc: h3=\":443\"; ma=86400"
}
```

IPv4 HTTPS (port 443)

HTTP Status	403
Connected IP	2.58.104.11
Connect Time	4.89 ms
TTFB	34.99 ms
Total Time	35.4 ms

Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "date: Fri, 03 Jul 2026 19:51:52 GMT",
  "2": "content-type: text/html",
  "3": "content-length: 167",
  "4": "location: https://www.monash.edu.my/",
}
```

```

    "5": "cache-control: max-age=3600",
    "6": "expires: Fri, 03 Jul 2026 20:51:52 GMT",
    "7": "strict-transport-security: max-age=31536000",
    "8": "x-content-type-options: nosniff",
    "9": "server: cloudflare",
    "10": "cf-ray: a1586d680a008e0c-KUL",
    "11": "alt-svc: h3=\":443\"; ma=86400",
    "13": "HTTP/2 403",
    "14": "date: Fri, 03 Jul 2026 19:51:52 GMT",
    "15": "content-type: text/html; charset=UTF-8",
    "16": "content-length: 7592",
    "17": "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",
    "18": "cf-mitigated: challenge",
    "19": "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",
    "20": "cross-origin-embedder-policy: require-corp",
    "21": "cross-origin-opener-policy: same-origin",
    "22": "cross-origin-resource-policy: same-origin",
    "23": "origin-agent-cluster: ?1",
    "24": "permissions-policy: accelerometer=(),browsing-topics=(),camera=(),clipboard-read=(),clipboard-write=(),geolocation=(),gyroscope=(),hid=(),interest-cohort=(),magnetometer=(),microphone=(),payment=(),publickey-credentials-get=(),screen-wake-lock=(),serial=(),sync-xhr=(),usb=(),xr-spatial-tracking=(self)",
    "25": "referrer-policy: same-origin",
    "26": "server-timing: chlr;desc=\"a1586d682eaf11c9\"",
    "27": "x-content-type-options: nosniff",
    "28": "x-frame-options: SAMEORIGIN",
    "29": "content-security-policy: default-src 'none'; script-src 'nonce-XqGkFK0lzaLacMzk0lohXN' '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'",
    "30": "cache-control: private, max-age=0, no-store, no-cache, must-revalidate, post-check=0, pre-check=0",
    "31": "expires: Thu, 01 Jan 1970 00:00:01 GMT",
    "32": "set-cookie: __cf_bm=iG0sBpNHSv8eLI0DabM0pcqLGxYzFT.IwY9fizxQMvg-1783108312-1.0.1.1-mpX2W_xzeRSuo5PIbpC3ICWHQ96nAtC0cji974yCGypZDfFVz20iR3qh52jHH1EK9a7a02IQHt03q3294p0gzI9cRoS0fp2QKdXUAWJFsH0; path=/; expires=Fri, 03-Jul-26 20:21:52 GMT; domain=.www.monash.edu.my; HttpOnly; Secure",
    "33": "strict-transport-security: max-age=31536000",
    "34": "server: cloudflare",
    "35": "cf-ray: a1586d682eaf11c9-KUL",
    "36": "alt-svc: h3=\":443\"; ma=86400"
  }
}
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.001526 0.016012
TCP Connect IPv4 → port 443	301 0.001507 0.022413

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