

# IPv6 Readiness Report

swinburne.edu.my — swinburne.edu.my




Scan to verify

Category: Education • Generated: 04 Jul 2026, 22:14 MYT • Last Checked: 04 Jul 2026, 03:53 MYT • Verification ID: 29ad095a-8e14-43c7-9a20-93243e790606

Report generated from National IPv6 Readiness Monitor — <https://ipv6.my6.my>

Audit trail: <https://ipv6.my6.my/audit/29ad095a-8e14-43c7-9a20-93243e790606>



**Partially Compliant**  
MGv6C-1.0

**78%**  
**Partial Support**

**IPV6-ONLY READINESS**

Website: ✓ Ready

DNS: ✓ Ready

Email: ✗ Not Ready

IPV6 ADDRESSES	IPV4 ADDRESSES
2606:4700:10::6814:1c5e 2606:4700:10::ac42:a483	172.66.164.131 104.20.28.94

Web Services (35%) <span style="float: right;">8 / 8</span>			
#	CHECK	RESULT	DETAIL
1	<b>AAAA Record</b>	PASS	2606:4700:10::6814:1c5e, 2606:4700:10::ac42:a483
2	<b>Globally Routable IPv6</b>	PASS	All addresses are globally routable.
3	<b>HTTP over IPv6</b>	PASS	HTTP (port 80) responds over IPv6 — 120ms TTFB.
4	<b>HTTPS over IPv6</b>	PASS	HTTPS (port 443) responds over IPv6 — 82ms TTFB.
5	<b>IPv6-Only Reachability</b>	PASS	Site is fully reachable via IPv6-only.
6	<b>TLS Certificate Valid (IPv6)</b>	PASS	Certificate valid — issued by C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA OV R36, expires Oct 8 23:59:59 2026 GMT
7	<b>Dual-Stack (IPv4 + IPv6)</b>	PASS	Domain has both A and AAAA records.
8	<b>HTTP/3 (QUIC)</b>	PASS	Alt-Svc: h3 header detected.

DNS & DNSSEC (25%) <span style="float: right;">3 / 5</span>			
#	CHECK	RESULT	DETAIL
1	<b>NS Has AAAA Record</b>	PASS	Nameserver has IPv6 address.
2	<b>NS Reachable via IPv6</b>	PASS	Nameserver is reachable via IPv6 on port 53.
3	<b>NS Answers Queries via IPv6</b>	PASS	DNS queries answered over IPv6.
4	<b>DNSSEC Validated</b>	FAIL	DNSSEC validation failed or zone is unsigned.
5	<b>Reverse DNS (PTR)</b>	FAIL	No PTR record found.
6	<b>DS Record at Parent</b>	FAIL	No DS record at parent.
7	<b>RRSIG Valid</b>	FAIL	No valid RRSIG found.
8	<b>Signing Algorithm</b>	INFO	No DNSKEY record found.

Email Services (25%) <span style="float: right;">3 / 6</span>			
#	CHECK	RESULT	DETAIL
1	<b>MX Record Exists</b>	PASS	MX record found.
2	<b>MX Server Has IPv6</b>	FAIL	MX server has no IPv6 address.

#	CHECK	RESULT	DETAIL
3	<b>SMTP Reachable via IPv6</b>	<b>FAIL</b>	SMTP is not reachable over IPv6.
4	<b>STARTTLS over IPv6</b>	<b>FAIL</b>	STARTTLS not available over IPv6.
5	<b>SPF Record</b>	<b>PASS</b>	SPF record found.
6	<b>DKIM Selector</b>	<b>INFO</b>	DKIM selector found: selector2._domainkey
7	<b>DMARC Record</b>	<b>PASS</b>	DMARC record found.

**IPv4 Baseline** (15%)

**3 / 3**

#	CHECK	RESULT	DETAIL
1	<b>A Record</b>	<b>PASS</b>	172.66.164.131, 104.20.28.94
2	<b>HTTP over IPv4</b>	<b>PASS</b>	HTTP (port 80) responds over IPv4 — 101ms TTFB.
3	<b>HTTPS over IPv4</b>	<b>PASS</b>	HTTPS (port 443) responds over IPv4 — 72ms TTFB.

### Audit Trail & Evidence Record

Verification ID	29ad095a-8e14-43c7-9a20-93243e790606
Domain	swinburne.edu.my
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:53:15 MYT
Finished	04 Jul 2026, 03:53:21 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/29ad095a-8e14-43c7-9a20-93243e790606

### Integrity Verification

<b>✓ INTEGRITY VERIFIED</b>	
Algorithm	hmac-sha256-v1
Root Hash	9ddf301b3e4cbef0d8829a872946352e9db4de2f40b00c313244c2ba6c19c507
http_headers	8539f64c559afda3f2422aabb6da17b46ec3932af6dc6b7e389ed9016ae11f0a
dns_responses	edb453dabc609d2a908164bbe8364117092e79285302ca20dc899132231e7288
tls_handshake	fcce6fd02a1159981b25ec3bd3a8e865fa825b503532161edcf6105e241c43c1
connectivity_log	ce58f91e255a117cbcf8ee8c484fd328c03ec49b8aa83ca883927db78be06567
dns_resolution_times	a9f67bc8f8be1234e6e78681ef7d8a73556d8060b67c132b1ef590acc7999f12e

### 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	9.88	20.68	9.98	20.27	+0.1
Google	IPv4	39.88	40.79	20.95	21.86	-18.9
Google	IPv6	33.19	34.39	20.5	33.8	-12.7
Cloudflare	IPv4	20.49	20.92	9.92	21.21	-10.6
Cloudflare	IPv6	28.16	30.99	29.53	35.56	+1.4



## DNS Evidence

### A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 34242
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
swinburne.edu.my. 300 IN A 104.20.28.94
swinburne.edu.my. 300 IN A 172.66.164.131
```

### DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 14543
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
edu.my. 2799 IN SOA e.nic.my. hostmaster.nic.my. 2026052757 1800 900 604800 3600
```

### MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 40567
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
swinburne.edu.my. 300 IN MX 50 swinburne-edu-my.mail.protection.outlook.com.
swinburne.edu.my. 300 IN MX 0 swinburnesarawak.in.tmes-sg.trendmicro.com.
```

### NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 51306
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
swinburne.edu.my. 86400 IN NS achiel.ns.cloudflare.com.
swinburne.edu.my. 86400 IN NS erin.ns.cloudflare.com.
```

### TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 28764
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
swinburne.edu.my. 300 IN TXT "v=spf1 include:spf.tmes.trendmicro.com include:spf.tmes-sg.trendmicro.com include:spf.protection.outlook.com
include:spf.watermarkinsights.com include:eskerondemand.com include:servers.mcsv.net ip4:58.26.207.18 ip4:58.26.207.29 ip4:58.26.207.250 " "ip4:159.183.168.142
ip4:167.89.6.85 -all"
swinburne.edu.my. 300 IN TXT "brevo-code:36e1956fe2ddd61a47cc1feb68228821"
swinburne.edu.my. 300 IN TXT "google-site-verification=dDjcPtQD3L2b2Dzgiq90CKet358A2Ivgir2M0_36ev4"
```

### AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 13303
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
swinburne.edu.my. 300 IN AAAA 2606:4700:10::ac42:a83
swinburne.edu.my. 300 IN AAAA 2606:4700:10::6814:1c5e
```

### RRSIG

```
achiel.ns.cloudflare.com. dns.cloudflare.com. 2408531427 10000 2400 604800 1800
```

**DNSKEY**

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 42771
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
swinburne.edu.my. 1796 IN SOA achiel.ns.cloudflare.com. dns.cloudflare.com. 2408531427 10000 2400 604800 1800
```

**DNSSEC\_VALIDATION**

```
; unsigned answer
swinburne.edu.my. 1796 IN SOA achiel.ns.cloudflare.com. dns.cloudflare.com. 2408531427 10000 2400 604800 1800
```





```

bt47u68ZFCD/ac55I0DNHkCpaPruj6e9Rmr7K46wZDAYXuEAQB7tGG/jd6JAA+H2
044CV98NRsU213f1kScIZntNagMBAAGjggGBMIIBfTBgNVHSMEGDAWgBRWC1hk
lFmSGrASkGRieaFAFYghSTAdBgNVHQ4EFgQU42Z0u3BojSxdTg6mSo+bNyKcgpIw
DgYDVR0PAQH/BAQDAgGMBIGAIUdEwEB/wQIMAYBAfBAQAwHQYDVR0LBBYwFAyI
KwYBBQUHAWEGCCsGAQUFBwMCMBSGA1UdIAQUMBIwBgYEVR0gADAIgZngQwBAGIw
VAYDVR0fBE0wSzBjOeEgRYZDaHR0cDovL2NybC5zZWNoawdVLMNvbS9TZWNoawdV
UHVibGljU2VydmlVYXV0aGVudGljYXRpb255b290UjQ2LmNybDcBhAYIKwYBBQUH
AQEEeDB2ME8GCCsGAQUFBzAChkNodHRwOi8vY3J0LnNlY3RzP28uY29tL1NlY3Rz
P290dWJsaWNTX2J2ZXJlbnR0ZW50aWNoZGlvdjV3b3R5NDYucDdjMCMCGCsGAQUF
BzABhhdodHRwOi8vbnZzc5zZWNoawdVLMNvbTANBgkqhkiG9w0BAQwFAAOCAgEA
B2XNDHWC3cubb/eI1kzi8LpF1K/ZUoH09ufmV0rc50bYH/XKkWUexSPqRkKFKR
7r80uG+p7VNB8rifX6uopqKAgsvZtZsq7iAFw04To6vNcxeBt1Eush3cQ4b8nbQR
MQLChgEAqwhuXp9P48T4QEBSksYav7+aFjNySsLYLpZnqM3RNwvBdvp6vgDtGwc
xLKQZVuuNVIAoYyls8swxDeSHKpRdxRauTLZ+pl+wGvy0pnrLEJGSz9m0Emfbod
e/XopR2NGqaHJ6biJyxPu6UtyQGI26EN7UAeozACrH06Nix2jTAY9E6NeB6XuobE
wLk025ZrmvglcURGI2BrV24tGHHTGxCe8M3oGlpUSMTK2QdkgljZVYt+gKdFtWELZ
MuRdi+X3XsrR8LFz+aLUIiDRfQqhmw3RxiIyVkvuu9UPYY1nsvxYmFnUSeM+2q1z/
iPUry+xDY9MC6+IhLeKT094VKdFVp7LXH42+vwU+17LroLQ2mK2N/nBLVBwaIhIb
QXw4VYKwB86Bc6e56iqsc94KEgD/U4VsjmghK+Xp4NM+VYZT3a3QeV3p8x0M0cw
q1p8oZFA+0Bcz3FYwpDIe5j0NWkLw9hXsTyPY/HeZU59aksks0SR5mdfe8wJDPX
58uB9/7lud0G3x0pxQAcffP0ayKavNwDTw4UfJ34cEw=
-----END CERTIFICATE-----
2 s:C = GB, 0 = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
i:C = US, ST = New Jersey, L = Jersey City, 0 = 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-----
MIIGLTCBH2gAwIBAgIRANJ/u8HeNZ55Fq1hSVhgmcQwDQYJKoZIhvcNAQEMBQAw

```

IPv6 Connection

IP Used	2606:4700:10::6814:1c5e
IP Version	6

```

depth=2 C = GB, 0 = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
verify return:1
depth=1 C = GB, 0 = Sectigo Limited, CN = Sectigo Public Server Authentication CA OV R36
verify return:1
depth=0 C = MY, ST = Sarawak, 0 = SWINBURNE UNIVERSITY OF TECHNOLOGY, CN = *.swinburne.edu.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
0 s:C = MY, ST = Sarawak, 0 = SWINBURNE UNIVERSITY OF TECHNOLOGY, CN = *.swinburne.edu.my
i:C = GB, 0 = Sectigo Limited, CN = Sectigo Public Server Authentication CA OV R36
a:PKKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
v:NotBefore: Oct 13 00:00:00 2025 GMT; NotAfter: Oct 8 23:59:59 2026 GMT
-----BEGIN CERTIFICATE-----
MIIHMTCCBZmgAwIBAgIQML1FjU1q2oIdzKq/EgakBzANBgkqhkiG9w0BAQsFADBg
MQswCQYDQgEWHQjEYMBYGA1UEChMPU2VjdGlnbyBmBwIpdGVKMtCwNQYDVQ0Q
EY5TZWNoawdVIFB1YmxyYyBTZjZ2ZXJlbnR0ZW50aGVudGljYXRpb2g0EgTlYgUjM
MB4XDTI1MTAxMzAwMDAwMFoXDTI1MTAwODIzNTk1OVovaTElMAkGA1UEBhMCTVxk
EADAQgNVBAGTB1NhcmlF3YwSxKzApBgNVBAoTIIlNLSXU5CVJORSBVTkLWRVJTSVRZ
IE9EIFRFRQ0hT0xPR1kxGzAZBGNVBAEMMEiouc3dpbmJlcm5lLmVkdS5teTCCASIw
DQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAMVvc0xsH1jDekw/eYCAiw0cDQVa
8Lgtnok62pyWx8NlyhIqfeYnNSQuLMnc6eDIs40Bww4a9Q/BwVHfnTjin63Z6LD
/9PNLKiWknTiyxwF7g+a8cWd/Xq8mG2Qugxoh783ng1/Jpb+BIORqLcIuMPMweIM
mcdkPHYBUGH/70IAPAih8cgIR33BKzCcoMLCPAZnKAUE57biPJD10ZDv3NiubVkm
ePgZu5nCEYAEpUdFzzEc/MQmZnxhX812cmj22n8+c+awTu4FTxZ1yjPL0ZgW7xFx
djCzcBeN9vIpDC2jaDp70ZyAgZ1R3INUNQ+Phogrp/ZYx/eT+VzrV0pFtWsCAwEA
Aa0CA1wwggNYMB8GA1UdIwQYMBAfONdLtwai0SxU40pkPmzcInIKSMB0GA1Ud
DgQWBBS/A4w/qobKo3o8Aw7k80SkJLXK9jA0BgNVHQ8BAf8EBAMCBaAwDAYDVR0T
AQH/BAIwADAdBgNVHSUEFjAUBgggrBgEFBQcDAQYIKwYBBQUHAWIwSgYDVR0gBEMw
QTA1BgwrBgEEAbIxAQIBAwQwJTAjBggrBgEFBQcCARYXaHR0cHM6Ly9zZWNoawdV
LMNvbS9DUFMwCAYGZ4EMAQICMFGA1UdHwRNMESwSaBHoEWGQ2h0dHA6Ly9jcmw
c2VjdGlnby5jb20vU2VjdGlnb1B1YmxyY1NlcnZlckF1dGhlnbRy2F0aW90U0pF
VLIzNi5jcmwYQGCCsGAQUFBwEBBHGwdjBpBggrBgEFBQcwAoZDaHR0cDovL2Nyb
dC5zZWNoawdVLMNvbS9TZWNoawdVUHVibGljU2VydmlVYXV0aGVudGljYXRpb25D
QURWUjM2LmNydDAjBggrBgEFBQcwAYYXaHR0cDovL29j3Auc2VjdGlnby5jb20w
LWYDVR0RBGcgJoISk15zd2LuYnVybmluZWRL1m15ghBzd2LuYnVybmluZWRL1m15
MIIBfQYKwYBBAHweQIEAgSCAWoEggFpAwCAgdDYCVU7lE96/8gWGW+UT4WrsPj8
XodVJg8V055yu0VFAAAAZncy1xMAAAEAwBHMEUCIBL0iLkfyhdBV8AGQVb0j4wV
78d+37zfp12GPKJqanNKAiEALyLh2yaX7eAmLDZ1VP56vvrNS8M9Sy9/6Q0mGmb8
28QAdgCvZ4g7V7B03Y+hm2X72LqjrgQrHcWdWJF5V1gw54WH0gAAAZncy1ynAAEA
wBHMEUCIFUDipYjGG7hkozLu6K/Igj4pGxKvkdXY70kszq+h1tuAiEA+0PgPIKH
TXQR2ft++IUHbioBeU6G16RqUcDzJclwpQADQCsqzBwb0vshDH0E9L0kV8RHkIK
Q7HYpoxPPCs7px4CwwAAAZncy1x0AAEAwBGMQEUCID/gjZ/W5je7vGcxMEGnmqX+
Nn5+aRxnDrBTvetLHnVVAiAhDBTnAD5a7mb52s1XKDC92EsBjIJUgDHxFSjXfnp
KTANBgkqhkiG9w0BAQsFAAOCAyEAdENGPAK1I0K04bpbRtXpsv1DEPD2VUztDDR

```





## HTTP Response Evidence

### IPv4 HTTP (port 80)

HTTP Status	403
Connected IP	104.20.28.94
Connect Time	28.19 ms
TTFB	115.97 ms
Total Time	116.62 ms

#### Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 03 Jul 2026 19:53:21 GMT",
  "2": "Content-Type: text/html; charset=UTF-8",
  "3": "Connection: keep-alive",
  "4": "Location: https://swinburne.edu.my/",
  "5": "X-Content-Type-Options: nosniff",
  "6": "Server: cloudflare",
  "7": "CF-RAY: a1586f95e82b40c5-SIN",
  "8": "alt-svc: h3=\":443\"; ma=86400",
  "10": "HTTP/2 301",
  "11": "date: Fri, 03 Jul 2026 19:53:21 GMT",
  "12": "content-type: text/html; charset=UTF-8",
  "13": "location: https://www.swinburne.edu.my/",
  "14": "strict-transport-security: max-age=15552000; includeSubDomains; preload",
  "15": "x-content-type-options: nosniff",
  "16": "server: cloudflare",
  "17": "cf-ray: a1586f963e9ef8fe-SIN",
  "18": "alt-svc: h3=\":443\"; ma=86400",
  "20": "HTTP/2 403",
  "21": "date: Fri, 03 Jul 2026 19:53:21 GMT",
  "22": "content-type: text/html; charset=UTF-8",
  "23": "content-length: 5219",
  "24": "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",
  "25": "cf-mitigated: challenge",
  "26": "content-security-policy: default-src 'none'; script-src 'nonce-13lGIEUnE6m032suPbgLeW' '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'",
  "27": "server: cloudflare",
  "28": "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",
  "29": "cross-origin-embedder-policy: require-corp",
  "30": "cross-origin-opener-policy: same-origin",
  "31": "cross-origin-resource-policy: same-origin",
  "32": "origin-agent-cluster: ?1",
  "33": "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=*",
  "34": "referrer-policy: same-origin",
  "35": "server-timing: chlrays;desc=\"a1586f967e4c87e9\"",
  "36": "x-content-type-options: nosniff",
  "37": "x-frame-options: SAMEORIGIN",
  "38": "strict-transport-security: max-age=15552000; includeSubDomains; preload",
  "39": "cf-ray: a1586f967e4c87e9-SIN",
  "40": "alt-svc: h3=\":443\"; ma=86400"
}
```

### IPv6 HTTP (port 80)

HTTP Status	403
Connected IP	2606:4700:10::ac42:a483
Connect Time	29.05 ms
TTFB	118.63 ms
Total Time	119.68 ms

#### Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Date: Fri, 03 Jul 2026 19:53:21 GMT",
}
```

```

"2": "Content-Type: text/html; charset=UTF-8",
"3": "Connection: keep-alive",
"4": "Location: https://swinburne.edu.my/",
"5": "X-Content-Type-Options: nosniff",
"6": "Server: cloudflare",
"7": "CF-RAY: a1586f94aa059c6f-SIN",
"8": "alt-svc: h3=\":443\"; ma=86400",
"10": "HTTP/2 301",
"11": "date: Fri, 03 Jul 2026 19:53:21 GMT",
"12": "content-type: text/html; charset=UTF-8",
"13": "location: https://www.swinburne.edu.my/",
"14": "strict-transport-security: max-age=15552000; includeSubDomains; preload",
"15": "x-content-type-options: nosniff",
"16": "server: cloudflare",
"17": "cf-ray: a1586f950ed3cde2-SIN",
"18": "alt-svc: h3=\":443\"; ma=86400",
"20": "HTTP/2 403",
"21": "date: Fri, 03 Jul 2026 19:53:21 GMT",
"22": "content-type: text/html; charset=UTF-8",
"23": "content-length: 5240",
"24": "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",
"25": "cf-mitigated: challenge",
"26": "content-security-policy: default-src 'none'; script-src 'nonce-5Z0g5zETvFs5glsHgu0GSh' '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'",
"27": "server: cloudflare",
"28": "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",
"29": "cross-origin-embedder-policy: require-corp",
"30": "cross-origin-opener-policy: same-origin",
"31": "cross-origin-resource-policy: same-origin",
"32": "origin-agent-cluster: ?1",
"33": "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=*",
"34": "referrer-policy: same-origin",
"35": "server-timing: chlray;desc=\"a1586f95492dc662\"",
"36": "x-content-type-options: nosniff",
"37": "x-frame-options: SAMEORIGIN",
"38": "strict-transport-security: max-age=15552000; includeSubDomains; preload",
"39": "cf-ray: a1586f95492dc662-SIN",
"40": "alt-svc: h3=\":443\"; ma=86400"
}
    
```

IPv4 HTTPS (port 443)

HTTP Status	403
Connected IP	104.20.28.94
Connect Time	16.59 ms
TTFB	76.22 ms
Total Time	76.9 ms

Response Headers:

```

{
"0": "HTTP/2 301",
"1": "date: Fri, 03 Jul 2026 19:53:21 GMT",
"2": "content-type: text/html; charset=UTF-8",
"3": "location: https://www.swinburne.edu.my/",
"4": "strict-transport-security: max-age=15552000; includeSubDomains; preload",
"5": "x-content-type-options: nosniff",
"6": "server: cloudflare",
"7": "cf-ray: a1586f96bf71820d-SIN",
"8": "alt-svc: h3=\":443\"; ma=86400",
"10": "HTTP/2 403",
"11": "date: Fri, 03 Jul 2026 19:53:21 GMT",
"12": "content-type: text/html; charset=UTF-8",
"13": "content-length: 5219",
"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-Wv1arAEhp04zDbimP0w7Y0' '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=\"a1586f96fe479b93\"",
  "26": "x-content-type-options: nosniff",
  "27": "x-frame-options: SAMEORIGIN",
  "28": "strict-transport-security: max-age=15552000; includeSubDomains; preload",
  "29": "cf-ray: a1586f96fe479b93-SIN",
  "30": "alt-svc: h3=\":443\"; ma=86400"
}
```

IPv6 HTTPS (port 443)

HTTP Status	403
Connected IP	2606:4700:10::ac42:a483
Connect Time	19.64 ms
TTFB	78.49 ms
Total Time	78.58 ms

Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "date: Fri, 03 Jul 2026 19:53:21 GMT",
  "2": "content-type: text/html; charset=UTF-8",
  "3": "location: https://www.swinburne.edu.my/",
  "4": "strict-transport-security: max-age=15552000; includeSubDomains; preload",
  "5": "x-content-type-options: nosniff",
  "6": "server: cloudflare",
  "7": "cf-ray: a1586f958cfd176-SIN",
  "8": "alt-svc: h3=\":443\"; ma=86400",
  "10": "HTTP/2 403",
  "11": "date: Fri, 03 Jul 2026 19:53:21 GMT",
  "12": "content-type: text/html; charset=UTF-8",
  "13": "content-length: 5240",
  "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-CqzTnEfSHnB7LlJy835c8' '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=\"a1586f95c8776494\"",
  "26": "x-content-type-options: nosniff",
  "27": "x-frame-options: SAMEORIGIN",
  "28": "strict-transport-security: max-age=15552000; includeSubDomains; preload",
  "29": "cf-ray: a1586f95c8776494-SIN",
  "30": "alt-svc: h3=\":443\"; ma=86400"
}
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.009649 0.038656
TCP Connect IPv6 → port 80	301 0.007687 0.032909
TCP Connect IPv4 → port 443	301 0.006835 0.032448
TCP Connect IPv6 → port 443	301 0.008400 0.038651

### 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
```