# IPv6 Readiness Report

**curtin.edu.my — curtin.edu.my**

Scan to verify

Category: Education • Generated: 02 Nov 2026, 02:53 MYT • Last Checked: 08 Aug 2026, 18:32 MYT • Verification ID: d3dc2a90-d36c-40aa-a1a2-d1dbc97840a8
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/d3dc2a90-d36c-40aa-a1a2-d1dbc97840a8

✗
**Non-Compliant**
MGv6C-1.0

**55%**
**No IPv6 Support**

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

**IPV4 ADDRESSES**
3.21.216.87

## Network Information (WHOIS / RDAP)

| | IPv4 Network |
|---|---|
| Organization | Amazon Technologies Inc. |
| Country | US |
| ASN | AS16509 |
| ASN Name | AMAZON-02 - Amazon.com, Inc., US |
| Network (CIDR) | 3.0.0.0/9 |

## 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: selector1._domainkey |
| 7 | **DMARC Record** | PASS | DMARC record found. |

## IPv4 Baseline (15%) 3 / 3

| # | CHECK | RESULT | DETAIL |
|---|---|---|---|
| 1 | **A Record** | PASS | 3.21.216.87 |
| 2 | **HTTP over IPv4** | PASS | HTTP (port 80) responds over IPv4 — 1228ms TTFB. |
| 3 | **HTTPS over IPv4** | PASS | HTTPS (port 443) responds over IPv4 — 734ms TTFB. |

## Audit Trail & Evidence Record

| | |
|---|---|
| **Verification ID** | d3dc2a90-d36c-40aa-a1a2-d1dbc97840a8 |
| **Domain** | curtin.edu.my |
| **Check Mode** | Manual |
| **Status** | Completed |
| **Started** | 08 Aug 2026, 18:32:24 MYT |
| **Finished** | 08 Aug 2026, 18:32:49 MYT |
| **Test Node Profile** | dual stack |
| **Engine Version** | 2.0.0 |
| **MGv6C Version** | 1.0.0 |
| **Audit URL** | https://ipv6.my6.my/audit/d3dc2a90-d36c-40aa-a1a2-d1dbc97840a8 |

## Integrity Verification

✓ **INTEGRITY VERIFIED**

| | |
|---|---|
| **Algorithm** | hmac-sha256-v1 |
| **Root Hash** | 83f5a32d68449bca829173f9c55f4b77ecf132755d80ca987790a44877f1b296 |
| **http_headers** | e5e99bbb8d0fea8ab0f727681d1c0e0c92ec0633b104e3f9b4ba1b84ea9405c1 |
| **dns_responses** | 2e96f1667761523241f92dfe8b6b75c0ff21310dc2b08153de4383bdb0c2559d |
| **tls_handshake** | 344e80921a58e8bd69144f7e916e8aab9b7a6f575f727e88006a84d9a2292f75 |
| **connectivity_log** | 9600972360e7230daeda4fc227de6ae36998e65b0d16e771d1db4e7304ea50b3 |
| **dns_resolution_times** | 213dbc47acfa2c1b8568cc64bd98f12d2b2bc13d6df3661838a2cbfd50a59cfe |

## 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 | 23.63 | 24.29 | 23.82 | 23.97 | +0.2 |
| **Google** | IPv4 | 85.18 | 86.84 | 82.53 | 82.7 | -2.7 |
| **Google** | IPv6 | 36.07 | 97.99 | 87.18 | 92.82 | +51.1 |
| **Cloudflare** | IPv4 | 22.93 | 23.76 | 24.15 | 25.16 | +1.2 |
| **Cloudflare** | IPv6 | 24.6 | 34.77 | 24 | 32.81 | -0.6 |

## DNS Evidence

### A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 60088
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
curtin.edu.my.□□300□IN□A□3.21.216.87
```

### DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 27920
;; 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: 45057
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

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

### NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 12988
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
curtin.edu.my.□□59589□IN□NS□kay.ns.cloudflare.com.
curtin.edu.my.□□59589□IN□NS□andy.ns.cloudflare.com.
```

### TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 17994
;; flags: qr rd ra; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
curtin.edu.my.□□3600□IN□TXT□"google-site-verification=1jocNdiT5DJ4etlpHiHhaoLyJAm7AanJYiZJ_xXlIC0"
curtin.edu.my.□□3600□IN□TXT□"google-site-verification=pm-bYAFf9pisAOl0n_VxNwhiBN1W_gTvjF6inS3U8dM"
curtin.edu.my.□□3600□IN□TXT□"v=spf1 ip4:103.186.110.0/24 include:spf.protection.outlook.com include:relay.mailchannels.net  ~all"
curtin.edu.my.□□3600□IN□TXT□"adobe-idp-site-verification=495d387d1815698412a563f7d8f7bb4827a2dc70949b9dbc9d07e234347e210c"
curtin.edu.my.□□3600□IN□TXT□"adobe-idp-site-verification=d690e91cc3e406a3d70d754218140dd194429186d1fdf0645ee9fda9c83c85bd"
```

### AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 56937
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
curtin.edu.my.□□1781□IN□SOA□andy.ns.cloudflare.com. dns.cloudflare.com. 2409668917 10000 2400 604800 1800
```

### RRSIG

```
andy.ns.cloudflare.com. dns.cloudflare.com. 2409668917 10000 2400 604800 1800
```

### DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 30300
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
curtin.edu.my.□□1781□IN□SOA□andy.ns.cloudflare.com. dns.cloudflare.com. 2409668917 10000 2400 604800 1800
```

### DNSSEC_VALIDATION

```
; unsigned answer
curtin.edu.my.□□1781□IN□SOA□andy.ns.cloudflare.com. dns.cloudflare.com. 2409668917 10000 2400 604800 1800
```

## TLS Handshake Evidence

### IPV4 Connection

| | |
|---|---|
| **IP Used** | 3.21.216.87 |
| **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 DV R36
verify return:1
depth=0 CN = *.curtin.edu.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:CN = *.curtin.edu.my
   i:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA DV R36
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Apr 24 00:00:00 2026 GMT; NotAfter: Nov  8 23:59:59 2026 GMT
-----BEGIN CERTIFICATE-----
MIIGjjCCBPagAwIBAgIRAOmFFtCwHTDO1p3G49CxuRwwDQYJKoZIhvcNAQELBQAw
YDELMAkGA1UEBhMCR0IxGDAWBgNVBAoTD1NlY3RpZ28gTGltaXRlZDE3MDUGA1UE
AxMuU2VjdGlnbyBQdWJsaWMgU2VydmVyIEF1dGhlbnRpY2F0aW9uIENBIERWIFIz
NjAeFw0yNjA0MjQwMDAwMDBaFw0yNjExMDgyMzU5NTlaMBoxGDAWBgNVBAMMDyou
Y3VydGluLmVkdS5teTCCASIwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAIWK
CP7pcPcOETUiJH97hV/nzNnC+wuvl+SwKyCNfcfL+3Tm/yqLv956OOpgwtvvQhns
NWIRnLqKKFry1P7pBDS9XcIkiIZNcU2Ojit4uRhvsxsdzxJk77ls4/PdfiBTdHYf
iSQzmcYiypOxGP0bHJLMxZ8H1u9aTHVLEBwtS2On2KHbcXamE0LKSljdGojgFyVc
rgKrpJKyv+fjOmrMSUak+4L4MZ3pE/e/JTQCENsmbPSCw+eLoCFeNpApYo2PL/eg
Wa4rhzQFqevR0rXBDfhkhYLcb8xcpalrYhWv7+70amP4ubutIHKwYXcONayE1nK4
WVPgyBTExyMEA1I4bvECAwEAAaOCAwcwggMDMB8GA1UdIwQYMBaAFGjAEhYYDq/O
9oemMlejRlFdywcnMB0GA1UdDgQWBBSYryps5Jx+N74deGBQ/lnizhPmQzAOBgNV
HQ8BAf8EBAMCBaAwDAYDVR0TAQH/BAIwADAdBgNVHSUEFjAUBggrBgEFBQcDAQYI
KwYBBQUHAwIwSQYDVR0gBEIwQDA0BgsrBgEEAbIxAQICBzAlMCMGCCsGAQUFBwIB
FhdodHRwczovL3NlY3RpZ28uY29tL0NQUzAIBgZngQwBAgEwgYQGCCsGAQUFBwEB
BHgwdjBPBggrBgEFBQcwAoZDaHR0cDovL2NydC5zZWN0aWdvLmNvbS9TZWN0aWdv
UHVibGljU2VydmVyQXV0aGVudGljYXRpb25DQURWUjM2LmNydDAjBggrBgEFBQcw
AYYXaHR0cDovL29jc3Auc2VjdGlnby5jb20wKQYDVR0RBCIwIIIPKi5jdXJ0aW4u
ZWR1Lm15gg1jdXJ0aW4uZWR1Lm15MIIBhQYKKwYBBAHWeQIEAgSCAXUEggFxAW8A
dQDXbX0Q0af1d8LH6V/XAL/5gskzWmXh0LMBcxfAyMVpdwAAAZ2+rthoAAAEAwBG
MEQCIAWXn66AU4wE7xmqS9XesIDuB0kCgATgWPlMwWi6n6/lAiAW5KhOyIgRqkbI
xCYLb3nNHSryMLeOLbb/hI97ToLlygB3AMijxH/Hs625NWsBP2p6Em3jOk5DpcZG
+ZetOXWZHc+aAAABnb6u2L4AAAQDAEgwRgIhAOO41WtCY2juvxOMbWxopy+0zmim
xS46Han0sSgVjyfbAiEA7y53iB2JJYTZo2o/R6l1rV9gI8PO6rRAQyVrnzbLSGsA
fQBs/lAZQ6heqRa8UtEz5NzJHvFBHH0lhCDRc4CeGBjrOgAAAZ2+rtkuAAgAAAUA
CINj4QQDAEYwRAIgOzgErnD3gaQcGQ2iif45VYqvhfBhhxQmL+PHreQyw18CICsg
ivo3bNXyX/kGSUI95H7SouQU1RPiMuyzXiwZyjLfMA0GCSqGSIb3DQEBCwUAA4IB
gQArL8MIf2xbLgN8Y16BoD7YnL4MCa6ZczocfN0qru4SvgDFDXyXSeVNLsbb2e0s
DQK3GJ0d4JXh26X1bVb1jJlpb0H3ksBHIl1o6PxCh6qRnPeglYqNMf5CwBsuILdV
eridgAXrwjYd8wgzDSioA+SlNAAosCCVm3C8MwB56vvORdX3D3gTL5Gb3DfCKq47
YZq73SvW+dL0h9kGC9camQhzu1iOtbTp0v4d3SjPhyiNmznHVev2yjU78nBsQXkD
Dk8TzEHPMnQXWuSohQmqv8/825dXw6tJKF9kTMcDV1aa6bUErDbbDpN3bZDFRbEt
SXhNNu1o7lSZyUUgYRxPLzXPASShAiRCX0G562pJrfahwkOzYXURwYDRIqURTVkb
AniiT+Z8UpQyb4ogP+QAyEFkf+WvzW9+KYS50EBAZvrD8uoCB2fOIzRGI5PbM/C2
V/2R+rjdyhRSjjNM6Q5c3bYDJLwCD8o9hwaN8jk6dKf2EqHHA5iaiVaDs9KXjrdM
hls=
-----END CERTIFICATE-----
 1 s:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA DV 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-----
MIIGTDCCBDSgAwIBAgIQOXpmzCdWNi4NqofKbqvjsTANBgkqhkiG9w0BAQwFADBf
MQswCQYDVQQGEwJHQjEYMBYGA1UEChMPU2VjdGlnbyBMaW1pdGVkMTYwNAYDVQQD
Ey1TZWN0aWdvIFB1YmxpYyBTZXJ2ZXIgQXV0aGVudGljYXRpb24gUm9vdCBSNDYw
HhcNMjEwMzIyMDAwMDAwWhcNMzYwMzIxMjM1OTU5WjBgMQswCQYDVQQGEwJHQjEY
MBYGA1UEChMPU2VjdGlnbyBMaW1pdGVkMTcwNQYDVQQDEy5TZWN0aWdvIFB1Ymxp
YyBTZXJ2ZXIgQXV0aGVudGljYXRpb24gQ0EgRFYgUjM2MIIBojANBgkqhkiG9w0B
AQEFAAOCAY8AMIIBigKCAYEAljZf2HIz7+SPUPQCQObZYcrxLTHYdf1ZtMRe7Yeq
RPSwygz16qJ9cAWtWNTcuICc++p8Dct7zNGxCpqmEtqifO7NvuB5dEVexXn9RFFH
12Hm+NtPRQgXIFjx6MSJcNWuVO3XGE57L1mHlcQYj+g4hny90aFh2SCZCDEVkAja
EMMfYPKuCjHuuF+bzHFb/9gV8P9+ekcHENF2nR1efGWSKwnfG5RawlkaQDpRtZTm
M64TIsv/r7cyFO4nSjs1jLdXYdz5q3a4L0NoabZfbdxVb+CUEHfB0bpulZQtH1Rv
38e/lIdP7OTTIlZh6OYL6NhxP8So0/sht/4J9mqIGxRFc0/pC8suja+wcIUna0HB
pXKfXTKpzgis+zmXDL06ASJf5E4A2/m+Hp6b84sfPAwQ766rI65mh50S0Di9E3Pn
2WcaJc+PILsBmYpgtmgWTR9eV9otfKRUBfzHUHcVgarub/XluEpRlTtZudU5xbFN
xx/DgMrXLUAPaI60fZ6wA+PTAgMBAAGjggGBMIIBfTAfBgNVHSMEGDAWgBRWc1hk
lfmSGrASKgRieaFAFYghSTAdBgNVHQ4EFgQUaMASFhgOr872h6YyV6NGUV3LBycw
DgYDVR0PAQH/BAQDAgGGMBIGA1UdEwEB/wQIMAYBAf8CAQAwHQYDVR0lBBYwFAYI
```

```
KwYBBQUHAwEGCCsGAQUFBwMCMBsGA1UdIAQUMBIwBgYEVR0gADAIBgZngQwBAgEw
VAYDVR0fBE0wSzBJoEegRYZDaHR0cDovL2NybC5zZWN0aWdvLmNvbS9TZWN0aWdv
UHVibGljU2VydmVyQXV0aGVudGljYXRpb25Sb290UjQ2LmNybDCBhAYIKwYBBQUH
AQEEeDB2ME8GCCsGAQUFBzAChkNodHRwOi8vY3J0LnNlY3RpZ28uY29tL1NlY3Rp
Z29QdWJsaWNTZXJ2ZXJBdXRoZW50aWNhdGlvblJvb3RSNDYucDdjMCMGCCsGAQUF
BzABhhdodHRwOi8vb2NzcC5zZWN0aWdvLmNvbTANBgkqhkiG9w0BAQwFAAOCAgEA
YtOC9Fy+TqECFw40IospI92kLGgoSZGPOSQXMBqmsGWZUQ7rux7cj1du6d9rD6C8
ze1B2eQjkrGkIL/OF1s7vSmgYVafsRoZd/IHUrkoQvX8FZwUsmPu7amgBfaY3g+d
q1x0jNGKb6I6Bzdl6LgMD9qxp+3i7GQOnd9J8LFSietY6Z4jUBzVoOoz8iAU84OF
h2HhAuiPw1ai0VnY38RTI+8kepGWVfGxfBWzwH9uIjeooIeaosVFvE8cmYUB4TSH
5dUyD0jHct2+8ceKEtIoFU/FfHq/mDaVnvcDCZXtIgitdMFQdMZaVehmObyhRdDD
4NQCs0gaI9AAgFj4L9QtkARzhQLNyRf87Kln+YU0lgCGr9HLg3rGO8q+Y4ppLsOd
unQZ6ZxPNGIfOApbPVf5hCe58EZwiWdHIMn9lPP6+F404y8NNugbQixBber+x536
WrZhFZLjEkhp7fFXf9r32rNPfb74X/U90Bdy4lzp3+X1ukh1BuMxA/EEhDoTOS3l
7ABvc7BYSQubQ2490OcdkIzUh3ZwDrakMVrbaTxUM2p24N6dB+ns2zptWCva6jzW
r8IWKIMxzxLPv5Kt3ePKcUdvkBU/smqujSczTzzSjIoR5QqQA6lN1ZRSnuHIWCvh
JEltkYnTAH41QJ6SAWO66GrrUESwN/cgZzL4JLEqz1Y=
-----END CERTIFICATE-----
 2 s:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
   i:C = GB, ST = Greater Manchester, L = Salford, O = Comodo CA Limited, CN = AAA Certificate Services
   a:PKEY: rsaEncryption, 4096 (bit); sigalg: RSA-SHA384
   v:NotBefore: Mar 22 00:00:00 2021 GMT; NotAfter: Dec 31 23:59:59 2028 GMT
-----BEGIN CERTIFICATE-----
MIIFeTCCBGGgAwIBAgIRAON8oulwHjOcLz+w7TYP+QowDQYJKoZIhvcNAQEMBQAw
ezELMAkGA1UEBhMCR0IxGzAZBgNVBAgMEkdyZWF0ZXIgTWFuY2hlc3RlcjEQMA4G
A1UEBwwHU2FsZm9yZDEaMBgGA1UECgwRQ29tb2RvIENBIExpbWl0ZWQxITAfBgNV
BAMMGEFBQSBDZXJ0aWZpY2F0ZSBTZXJ2aWNlczAeFw0yMTAzMjIwMDAwMDBaFw0y
```

## HTTP Response Evidence

### IPv4 HTTP (port 80)

| | |
|---|---|
| **HTTP Status** | 200 |
| **Connected IP** | 3.21.216.87 |
| **Connect Time** | 492.6 ms |
| **TTFB** | 1231.71 ms |
| **Total Time** | 1231.83 ms |

**Response Headers:**


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Sat, 08 Aug 2026 10:32:45 GMT",
    "2": "Content-Type: text/html",
    "3": "Content-Length: 162",
    "4": "Connection: keep-alive",
    "5": "Server: Pagely-ARES/1.22.27",
    "6": "X-Gateway-Request-Id: efebdd0ff9914c88f009882d776afaa0",
    "7": "Location: https://curtin.edu.my/",
    "8": "X-Gateway-Cache-Key: 1786170512.788|standard|http|curtin.edu.my|||/",
    "9": "X-Gateway-Skip-Cache: 1",
    "11": "HTTP/2 200",
    "12": "date: Sat, 08 Aug 2026 10:32:46 GMT",
    "13": "content-type: text/html; charset=UTF-8",
    "14": "vary: Accept-Encoding",
    "15": "server: Pagely-ARES/1.22.27",
    "16": "x-gateway-request-id: 12253310ab8f876c9c186b053afb165c",
    "17": "link: <https://curtin.edu.my/wp-json/>; rel=\"https://api.w.org/\"",
    "18": "link: <https://curtin.edu.my/wp-json/wp/v2/pages/4>; rel=\"alternate\"; title=\"JSON\"; type=\"application/json\"",
    "19": "link: <https://curtin.edu.my/>; rel=shortlink",
    "20": "x-gateway-cache-key: 1786170512.788|standard|https|curtin.edu.my|||/",
    "21": "x-gateway-cache-status: HIT",
    "22": "x-gateway-skip-cache: 0"
}
```


### IPv4 HTTPS (port 443)

| | |
|---|---|
| **HTTP Status** | 200 |
| **Connected IP** | 3.21.216.87 |
| **Connect Time** | 243.44 ms |
| **TTFB** | 733.17 ms |
| **Total Time** | 733.2 ms |

**Response Headers:**


```
[
    "HTTP/2 200",
    "date: Sat, 08 Aug 2026 10:32:47 GMT",
    "content-type: text/html; charset=UTF-8",
    "vary: Accept-Encoding",
    "server: Pagely-ARES/1.22.27",
    "x-gateway-request-id: a987640b81241b37777c1dbaaed788de",
    "link: <https://curtin.edu.my/wp-json/>; rel=\"https://api.w.org/\"",
    "link: <https://curtin.edu.my/wp-json/wp/v2/pages/4>; rel=\"alternate\"; title=\"JSON\"; type=\"application/json\"",
    "link: <https://curtin.edu.my/>; rel=shortlink",
    "x-gateway-cache-key: 1786170512.788|standard|https|curtin.edu.my|||/",
    "x-gateway-cache-status: HIT",
    "x-gateway-skip-cache: 0"
]
```


## Connectivity Test Evidence

| Test | Result |
|---|---|
| **TCP Connect IPv4 → port 80** | 301 0.244796 0.489731 |
| **TCP Connect IPv4 → port 443** | 200 0.243539 0.978607 |

## 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
```