IPv6 Readiness Report

digital.gov.my — digital.gov.my

Scan to verify

Category: Government • Generated: 02 Nov 2026, 03:05 MYT • Last Checked: 08 Aug 2026, 18:12 MYT • Verification ID: b5638e73-c07c-4a4f-983a-24945e3392e3
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/b5638e73-c07c-4a4f-983a-24945e3392e3

✗

Non-Compliant

MGv6C-1.0

48%

No IPv6 Support

IPV6-ONLY READINESS

Website: ✗ **Not Ready**

DNS: ✓ **Ready**

Email: ✗ **Not Ready**

IPV4 ADDRESSES

192.82.81.96

Network Information (WHOIS / RDAP)

	IPv4 Network
Organization	Jabatan Digital Negara (JDN)
Country	MY
ASN	AS141201
ASN Name	JDN-AS-MY - Jabatan Digital Negara (JDN), MY
Network (CIDR)	192.82.80.0/21

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%) — 4 / 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**	PASS	DNSSEC fully validated.
5	**Reverse DNS (PTR)**	FAIL	No PTR record found.
6	**DS Record at Parent**	PASS	DS record found at parent zone.
7	**RRSIG Valid**	PASS	RRSIG signatures are current and valid.

#	CHECK	RESULT	DETAIL
8	**Signing Algorithm**	INFO	RSASHA256

Email Services (25%) 3 / 6

#	CHECK	RESULT	DETAIL
1	**MX Record Exists**	PASS	MX record found.
2	**MX Server Has IPv6**	FAIL	MX server has no IPv6 address.
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	No common DKIM selector found.
7	**DMARC Record**	PASS	DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	**A Record**	PASS	192.82.81.96
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 204ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 172ms TTFB.

Audit Trail & Evidence Record

Verification ID	b5638e73-c07c-4a4f-983a-24945e3392e3
Domain	digital.gov.my
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:12:32 MYT
Finished	08 Aug 2026, 18:12:43 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/b5638e73-c07c-4a4f-983a-24945e3392e3

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	36c395bcbbb395a952ccf98f4c48417b8928370140c5115a3bea48ff34d584f9
http_headers	7426cac2de6a4e585c10a17a28ef3da3c5c34c9d60df2b0111a1890b9ab3425e
dns_responses	518742b2ae6290d39c241881d1415bb0bbc020c0114dd5a4a7e666346f83acec
tls_handshake	0d85f9e8f8207ed567e3d6ff7ee4715dfa691d08ddd79f8312143a771826c3a6
connectivity_log	f2d4ba032e6fd9c35f97ce31b288a46bc88e169081911aa21e0b37516646d4bf
dns_resolution_times	c352628d540297e5ccd488b668ce340852de681096dbeff054ff0d142b83ab54

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	23.24	23.45	22.42	23.6	-0.8
Google	IPv4	80.35	165.01	53.49	155.98	-26.9
Google	IPv6	156.95	221.72	153.17	175.09	-3.8
Cloudflare	IPv4	23.93	27.29	23.55	23.6	-0.4
Cloudflare	IPv6	21.79	24.37	23.65	43.55	+1.9

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 34146
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
digital.gov.my.□□3600□IN□A□192.82.81.96
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 45176
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
digital.gov.my.□□58966□IN□DS□22676 8 2 0B508FDEDB242159A846093DCC8E06655964E16B962C88B371673BEE DEBA5478
digital.gov.my.□□58966□IN□DS□22676 8 1 D19AA1F1DB491ED43B109680631467B537EC8C99
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 37117
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 6, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
digital.gov.my.□□300□IN□MX□5 alt1.aspmx.l.google.com.
digital.gov.my.□□300□IN□MX□1 aspmx.l.google.com.
digital.gov.my.□□300□IN□MX□1 data.dtsa.digital.gov.my.
digital.gov.my.□□300□IN□MX□10 alt4.aspmx.l.google.com.
digital.gov.my.□□300□IN□MX□10 alt3.aspmx.l.google.com.
digital.gov.my.□□300□IN□MX□5 alt2.aspmx.l.google.com.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 5940
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
digital.gov.my.□□3600□IN□NS□dns2.gitn.net.my.
digital.gov.my.□□3600□IN□NS□dns1.gitn.net.my.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 18891
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
digital.gov.my.□□3600□IN□TXT□"google-site-verification=fDA7QRLwWHSuNSljGr5wlyMEx5G8jrm8A5GjUCz6_5o"
digital.gov.my.□□3600□IN□TXT□"_globalsign-domain-verification=WjGITkZd3Sui73K8UYbePnrxQvhZt3lmUNukh8EVdy"
digital.gov.my.□□3600□IN□TXT□"MS=80ECE2CC22F76616C712FF3A85D1977BFBA8256A"
digital.gov.my.□□3600□IN□TXT□"v=spf1 ip4:103.8.147.12/30 ip4:219.92.54.177/32 ip4:103.156.82.32/29 ip4:103.156.83.32/29 include:_spf.google.com ~all"
digital.gov.my.□□3600□IN□TXT□"google-site-verification=One2FrwFZvhwNHJ8lxViANI1ZrrOajpsp3DhBcbvoSs"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 61556
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
digital.gov.my.□□3600□IN□SOA□dns1.gitn.net.my. planning.gitn.com.my. 2026080606 10800 3600 604800 38400
```

RRSIG

```
dns1.gitn.net.my. planning.gitn.com.my. 2026080606 10800 3600 604800 38400
SOA 8 3 3600 20260906234824 20260807224824 41959 digital.gov.my. igwupxcGny3d6KFjQZP1OVXX6PMKLZOQ+yzyIb7iHDj+bWC+hBT7ObIL
FiANh+TEXH0ydVe0Tu3Jzlse9NJrI5CgW9TlQVROPGeIXcZtlr0Fris9 rhSMTiT0W3k/WZSjmojSYSw/IOheFKOU18lRTNGfmx9AF3y3vhQKwQzZ 1uY=
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 5706
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
digital.gov.my.□□3596□IN□DNSKEY□256 3 8 AwEAAdQpV0c+hwRji1u/HKgDvkd+YgYJfcWn9EVIBEIFDLkCeDMBOUa3 nB4qWkt+ShL1UPEY0s5I8EUws6EhC3LAxxnrqaMtm7mUCT3/i6craNYI
TqK8Gk0kHkRcGA7gvRJ6xO6hsges3wr2mycrt7XI7D3OUjgduqyqoyVP QZJeesTJ
digital.gov.my.□□3596□IN□DNSKEY□257 3 8 AwEAAclBt+PUouRi7PU/eCnSQ0MF9DoFIrcJGPsOyERj4xCDYm2+63VO VDThXMkRk4C62mKbqIeLCrhcnhRWOiD5lDdMic38ZBqc/plvKrTOnIPW
/SIAZVVX+soYjX3uLvxGb8A9fbJXEdsy2jJky3VKyy1ONq30shaoV/y3 Vw7arlqUWAoTZaXkJxBqzGfg26DxAWE5QfvWBMaiA5dU3DhtDlvzOmPR
Ym0eG7JW3NbUtJDqX6yEPfn5M+RXBgNv4/LyiUgfvMLq2hkTUfDlFs6I PAdd3fseKZg7sDiafjbalr74AtfuFQ6Vxky1qN79xh/u1L80fih9i4BA MOMyf3L7Y60=
```

DNSSEC_VALIDATION

```
; fully validated
digital.gov.my.□□3596□IN□SOA□dns1.gitn.net.my. planning.gitn.com.my. 2026080606 10800 3600 604800 38400
digital.gov.my.□□3596□IN□RRSIG□SOA 8 3 3600 20260906234824 20260807224824 41959 digital.gov.my. igwupxcGny3d6KFjQZP1OVXX6PMKLZOQ+yzyIb7iHDj+bWC+hBT7ObIL
FiANh+TEXH0ydVe0Tu3Jzlse9NJrI5CgW9TlQVROPGeIXcZtlr0Fris9 rhSMTiT0W3k/WZSjmojSYSw/IOheFKOU18lRTNGfmx9AF3y3vhQKwQzZ 1uY=
```

TLS Handshake Evidence

IPV4 Connection

IP Used	192.82.81.96
IP Version	4

```
depth=2 C = BE, O = GlobalSign nv-sa, CN = GlobalSign Root E46
verify return:1
depth=1 C = BE, O = GlobalSign nv-sa, CN = GlobalSign GCC E46 OV TLS CA 2025
verify return:1
depth=0 C = MY, ST = PUTRAJAYA, L = PUTRAJAYA, O = KEMENTERIAN DIGITAL, CN = *.digital.gov.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = MY, ST = PUTRAJAYA, L = PUTRAJAYA, O = KEMENTERIAN DIGITAL, CN = *.digital.gov.my
   i:C = BE, O = GlobalSign nv-sa, CN = GlobalSign GCC E46 OV TLS CA 2025
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: Aug  5 01:21:22 2026 GMT; NotAfter: Feb 20 01:21:22 2027 GMT
-----BEGIN CERTIFICATE-----
MIIFETCCBJigAwIBAgIMZS5tbMVYzqyhdnOlMAoGCCqGSM49BAMDMFQxCzAJBgNV
BAYTAkJFMRkwFwYDVQQKExBHbG9iYWxTaWduIG52LXNhMSowKAYDVQQDEyFHbG9i
YWxTaWduIEdDQyBFNDYgT1YgVExTIENBIDIwMjUwHhcNMjYwODA1MDEyMTIyWhcN
MjcwMjIwMDEyMTIyWjBuMQswCQYDVQQGEwJNWTESMBAGA1UECBMJUFVUUkFKQVlB
MRIwEAYDVQQHEwlQVVRSQUpBWUExHDAaBgNVBAoTE0tFTUVOVEVSSUFOIERJR0lU
QUwxGTAXBgNVBAMMECouZGlnaXRhbC5nb3YubXkwdjAQBgcqhkjOPQIBBgUrgQQA
IgNiAASKFXr7V9aMu7UBKCChk+W7tVYBMoZBX9QsVAW2hOkwEbcVeTHfhhGb2YDe
Bkv3/PBeFOjYj8uvwc1rMuOBpQG+QLafESGsEw2YvKhBlEWF+yS0bEssB1K6eajF
+Q8NH2yjggMXMIIDEzAOBgNVHQ8BAf8EBAMCB4AwDAYDVR0TAQH/BAIwADCBlQYI
KwYBBQUHAQEEgYgwgYUwRwYIKwYBBQUHMAKGO2h0dHA6Ly9zZWN1cmUuZ2xvYmFs
c2lnbi5jb20vY2FjZXJ0L2dzZ2NjZTQ2b3Z0bHNjYTIwMjUuY3J0MDoGCCsGAQUF
BzABhi5odHRwOi8vb2NzcC5nbG9iYWxzaWduLmNvbS9nc2djY2U0Nm92dGxzY2Ey
MDI1MBMGA1UdIAQMMAowCAYGZ4EMAQICMEIGA1UdHwQ7MDkwN6A1oDOGMWh0dHA6
Ly9jcmwuZ2xvYmFsc2lnbi5jb20vZ3NnY2NlNDZvdnRsc2NhMjAyNS5jcmwwKwYD
VR0RBCQwIoIQKi5kaWdpdGFsLmdvdi5teYIOZGlnaXRhbC5nb3YubXkwHwYDVR0j
BBgwFoAUKpR/x+B3vPOUKoAUVqeAhzjNSrIwEwYDVR0lBAwwCgYIKwYBBQUHAwEw
HQYDVR0OBBYEFFo9pimTfNqn0Y1kSOQ639KRuO/PMIIBfgYKKwYBBAHWeQIEAgSC
AW4EggFqAWgAdQAcn2gs6frwRWlQ+BuWiofd2zIQ2EzmyLLjglJKxM9ZnwAAAZ/P
gtbaAAAEAwBGMEQCIFb1Qww7zHGcXIHp9EBODDLlrnahcNnNX5+OQVqp0ybBAiBv
RsmxEHrz0IZDNc0SIWw5qdhCYqj0bQqQvPVEzLfkCAB2AExj3JjlnB2riPYeij3e
ro+rRKM3e1+blMP7oZz8wb4mAAABn8+C04UAAAQDAEcwRQIhALmocBqBsTGjgV7Q
b2ZjaLaSHoHNdy5PLmrNQbyk0SscAiBfe1UqYa+ixLnETOHO3YrAJ+lYN9QUi/XS
4VUv/MF3oQB3AGBMmq96f3dfAdQG/JINyJnrCxx9+MlSG/r6F3c7l4vJAAABn8+C
1gAAAAQDAEgwRgIhAL29ay5q7Im1IZzFKzoQkH+VJK9vMJqyt9GcFgx/iHeHAiEA
tp8wD8WlKvbsDGRAbfyQ4SFLrcr2A6ANdhuERuN4TuwwCgYIKoZIzj0EAwMDZwAw
ZAIwbGXULUfjcDd66r+uvmHEJ96PBcyvyUgMD1PVdZHEdcLXbJbXhCbq4AH+gzsa
k543AjACTFEJb9Xh0kdQ5VM5wiwAkYpKpKpknnULje1a5SUHHgd0iIOQaF1n8QDE
0NFbaA0=
-----END CERTIFICATE-----
 1 s:C = BE, O = GlobalSign nv-sa, CN = GlobalSign GCC E46 OV TLS CA 2025
   i:C = BE, O = GlobalSign nv-sa, CN = GlobalSign Root E46
   a:PKEY: id-ecPublicKey, 384 (bit); sigalg: ecdsa-with-SHA384
   v:NotBefore: Sep 17 02:56:24 2025 GMT; NotAfter: Jun 23 00:00:00 2029 GMT
-----BEGIN CERTIFICATE-----
MIIDLTCCArOgAwIBAgIRAIRDWLO5P1OG3qXv3gMLizAwCgYIKoZIzj0EAwMwRjEL
MAkGA1UEBhMCQkUxGTAXBgNVBAoTEEdsb2JhbFNpZ24gbnYtc2ExHDAaBgNVBAMT
E0dsb2JhbFNpZ24gUm9vdCBFNDYwHhcNMjUwOTE3MDI1NjI0WhcNMjkwNjIzMDAw
MDAwWjBUMQswCQYDVQQGEwJCRTEZMBcGA1UEChMQR2xvYmFsU2lnbiBudi1zYTEq
MCgGA1UEAxMhR2xvYmFsU2lnbiBHQ0MgRTQ2IE9WIFRMUyBDQSAyMDI1MHYwEAYH
KoZIzj0CAQYFK4EEACIDYgAEkyL4+rUDRPqxJx6MHc07NpC/2cWiiAo2uenuxVkQ
UazTmpT+W5YbqFpQZkdNjJR78EHs+JEbOHhwIyR3n6fLuevTM+PgXLJcRZG/KCLk
nwJ+6Cpe/gyv69NlpXbG5+M2o4IBVTCCAVEwDgYDVR0PAQH/BAQDAgGGMBMGA1Ud
JQQMMAoGCCsGAQUFBwMBMBIGA1UdEwEB/wQIMAYBAf8CAQAwHQYDVR0OBBYEFCqU
f8fgd7zzlCqAFFangIc4zUqyMB8GA1UdIwQYMBaAFDEKkI+2xp3SREuAtaLmH7ES
TxuVMHsGCCsGAQUFBwEBBG8wbTAuBggrBgEFBQcwAYYiaHR0cDovL29jc3AuZ2xv
YmFsc2lnbi5jb20vcm9vdGU0NjA7BggrBgEFBQcwAoYvaHR0cDovL3NlY3VyZS5n
bG9iYWxzaWduLmNvbS9jYWNlcnQvcm9vdGU0Ni5jcnQwNgYDVR0fBC8wLTAroCmg
J4YlaHR0cDovL2NybC5nbG9iYWxzaWduLmNvbS9yb290ZTQ2LmNybDAhBgNVHSAE
GjAYMAgGBmeBDAECAjAMBgorBgEEAaAyCgECMAoGCCqGSM49BAMDA2gAMGUCMCNM
+BqZ3b5TgJ77uuOiCEWj2IJNuPp6Eid/mNBDjo0dohAPsN3VpGq38jBZtRnQ/wIx
AI+Y3ocxuv416s1mbadyR3gLjhX+QEInlnbyiFwBXvko+bGKGGFdRyH0TAAvh4BR
aQ==
-----END CERTIFICATE-----
---
Server certificate
subject=C = MY, ST = PUTRAJAYA, L = PUTRAJAYA, O = KEMENTERIAN DIGITAL, CN = *.digital.gov.my
issuer=C = BE, O = GlobalSign nv-sa, CN = GlobalSign GCC E46 OV TLS CA 2025
---
No client certificate CA names sent
```

```
Peer signing digest: SHA384
Peer signature type: ECDSA
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 2461 bytes and written 396 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_256_GCM_SHA384
Server public key is 384 bit
Secure Renegotiation IS NOT supported
Compression: NONE
Expansion: NONE
No ALPN negotiated
Early data was not sent
Verify return code: 0 (ok)
---
DONE
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	192.82.81.96
Connect Time	33.51 ms
TTFB	223.77 ms
Total Time	223.95 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "location: https://digital.gov.my:443/",
    "2": "date: Sat, 08 Aug 2026 10:12:43 GMT",
    "3": "server: envoy",
    "4": "transfer-encoding: chunked",
    "6": "HTTP/2 301",
    "7": "location: https://www.digital.gov.my/",
    "8": "date: Sat, 08 Aug 2026 10:12:43 GMT",
    "9": "server: envoy",
    "11": "HTTP/2 200",
    "12": "accept-ch: Sec-CH-Prefers-Color-Scheme",
    "13": "vary: RSC, Next-Router-State-Tree, Next-Router-Prefetch, Next-Router-Segment-Prefetch, Accept-Encoding",
    "14": "critical-ch: Sec-CH-Prefers-Color-Scheme",
    "15": "x-powered-by: Next.js, Payload",
    "16": "content-security-policy-report-only: default-src 'self'; script-src 'self' 'nonce-YzI1N2EwZTEtZmY2ZC00YmRhLWJiZTEtOGQxYjlhZjczMzY3' 'strict-dynamic'
https://www.clarity.ms https://*.clarity.ms https://unpkg.com https://challenges.cloudflare.com https://splask-analytics.jdn.gov.my; style-src 'self' 'unsafe-
inline'; img-src 'self' data: https://kd-portal.s3.ap-southeast-1.amazonaws.com https://*.clarity.ms https://c.bing.com; font-src 'self' data:; connect-src 'self'
https://*.clarity.ms https://c.bing.com https://splask-analytics.jdn.gov.my https://api.us-east.tinybird.co; frame-src 'self' https://challenges.cloudflare.com;
frame-ancestors 'self'; base-uri 'self'; object-src 'none'; report-uri /api/csp-report; report-to csp-endpoint",
    "17": "link: <https://www.digital.gov.my/>; rel=\"alternate\"; hreflang=\"ms-MY\", <https://www.digital.gov.my/en-GB>; rel=\"alternate\"; hreflang=\"en-GB\",
<https://www.digital.gov.my/>; rel=\"alternate\"; hreflang=\"x-default\"",
    "18": "link: </_next/static/media/0484562807a97172-s.p.woff2>; rel=preload; as=\"font\"; crossorigin=\"\";
nonce=\"YzI1N2EwZTEtZmY2ZC00YmRhLWJiZTEtOGQxYjlhZjczMzY3\"; type=\"font/woff2\", </_next/static/media/8888a3826f4a3af4-s.p.woff2>; rel=preload; as=\"font\";
crossorigin=\"\"; nonce=\"YzI1N2EwZTEtZmY2ZC00YmRhLWJiZTEtOGQxYjlhZjczMzY3\"; type=\"font/woff2\", </_next/static/media/b957ea75a84b6ea7-s.p.woff2>; rel=preload;
as=\"font\"; crossorigin=\"\"; nonce=\"YzI1N2EwZTEtZmY2ZC00YmRhLWJiZTEtOGQxYjlhZjczMzY3\"; type=\"font/woff2\", </_next/static/media/e4af272ccee01ff0-s.p.woff2>;
rel=preload; as=\"font\"; crossorigin=\"\"; nonce=\"YzI1N2EwZTEtZmY2ZC00YmRhLWJiZTEtOGQxYjlhZjczMzY3\"; type=\"font/woff2\",
</_next/static/css/0c5a216a26784e39.css>; rel=preload; as=\"style\"; nonce=\"YzI1N2EwZTEtZmY2ZC00YmRhLWJiZTEtOGQxYjlhZjczMzY3\"",
    "19": "reporting-endpoints: csp-endpoint=\"https://0.0.0.0:3000/api/csp-report\"",
    "20": "set-cookie: NEXT_LOCALE=ms-MY; Path=/; Expires=Sun, 08 Aug 2027 10:12:43 GMT; Max-Age=31536000; SameSite=lax",
    "21": "x-middleware-request-content-security-policy: default-src 'self'; script-src 'self' 'nonce-YzI1N2EwZTEtZmY2ZC00YmRhLWJiZTEtOGQxYjlhZjczMzY3' 'strict-
dynamic' https://www.clarity.ms https://*.clarity.ms https://unpkg.com https://challenges.cloudflare.com https://splask-analytics.jdn.gov.my; style-src 'self'
'unsafe-inline'; img-src 'self' data: https://kd-portal.s3.ap-southeast-1.amazonaws.com https://*.clarity.ms https://c.bing.com; font-src 'self' data:; connect-src
'self' https://*.clarity.ms https://c.bing.com https://splask-analytics.jdn.gov.my https://api.us-east.tinybird.co; frame-src 'self'
https://challenges.cloudflare.com; frame-ancestors 'self'; base-uri 'self'; object-src 'none'; report-uri /api/csp-report; report-to csp-endpoint",
    "22": "x-middleware-request-x-nonce: YzI1N2EwZTEtZmY2ZC00YmRhLWJiZTEtOGQxYjlhZjczMzY3",
    "23": "x-middleware-rewrite: /ms-MY",
    "24": "cache-control: private, no-cache, no-store, max-age=0, must-revalidate",
    "25": "content-type: text/html; charset=utf-8",
    "26": "date: Sat, 08 Aug 2026 10:12:43 GMT",
    "27": "strict-transport-security: max-age=31536000; includeSubDomains",
    "28": "x-content-type-options: nosniff",
    "29": "x-frame-options: SAMEORIGIN",
    "30": "referrer-policy: strict-origin-when-cross-origin",
    "31": "permissions-policy: camera=(), microphone=(), geolocation=(), browsing-topics=()",
    "32": "server: envoy"
}
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	192.82.81.96
Connect Time	27.38 ms
TTFB	226.03 ms
Total Time	226.12 ms

Response Headers:


```
{
    "0": "HTTP/2 301",
    "1": "location: https://www.digital.gov.my/",
    "2": "date: Sat, 08 Aug 2026 10:12:43 GMT",
```

```
    "3": "server: envoy",
    "5": "HTTP/2 200",
    "6": "accept-ch: Sec-CH-Prefers-Color-Scheme",
    "7": "vary: RSC, Next-Router-State-Tree, Next-Router-Prefetch, Next-Router-Segment-Prefetch, Accept-Encoding",
    "8": "critical-ch: Sec-CH-Prefers-Color-Scheme",
    "9": "x-powered-by: Next.js, Payload",
    "10": "content-security-policy-report-only: default-src 'self'; script-src 'self' 'nonce-ZDNmM2Q4OTQtZGI3Ni00YjJlLWFiYmYtNDhiODkzZjc3N2Qz' 'strict-dynamic'
https://www.clarity.ms https://*.clarity.ms https://unpkg.com https://challenges.cloudflare.com https://splask-analytics.jdn.gov.my; style-src 'self' 'unsafe-
inline'; img-src 'self' data: https://kd-portal.s3.ap-southeast-1.amazonaws.com https://*.clarity.ms https://c.bing.com; font-src 'self' data:; connect-src 'self'
https://*.clarity.ms https://c.bing.com https://splask-analytics.jdn.gov.my https://api.us-east.tinybird.co; frame-src 'self' https://challenges.cloudflare.com;
frame-ancestors 'self'; base-uri 'self'; object-src 'none'; report-uri /api/csp-report; report-to csp-endpoint",
    "11": "link: <https://www.digital.gov.my/>; rel=\"alternate\"; hreflang=\"ms-MY\", <https://www.digital.gov.my/en-GB>; rel=\"alternate\"; hreflang=\"en-GB\",
<https://www.digital.gov.my/>; rel=\"alternate\"; hreflang=\"x-default\"",
    "12": "link: </_next/static/media/0484562807a97172-s.p.woff2>; rel=preload; as=\"font\"; crossorigin=\"\";
nonce=\"ZDNmM2Q4OTQtZGI3Ni00YjJlLWFiYmYtNDhiODkzZjc3N2Qz\"; type=\"font/woff2\", </_next/static/media/8888a3826f4a3af4-s.p.woff2>; rel=preload; as=\"font\";
crossorigin=\"\"; nonce=\"ZDNmM2Q4OTQtZGI3Ni00YjJlLWFiYmYtNDhiODkzZjc3N2Qz\"; type=\"font/woff2\", </_next/static/media/b957ea75a84b6ea7-s.p.woff2>; rel=preload;
as=\"font\"; crossorigin=\"\"; nonce=\"ZDNmM2Q4OTQtZGI3Ni00YjJlLWFiYmYtNDhiODkzZjc3N2Qz\"; type=\"font/woff2\", </_next/static/media/e4af272ccee01ff0-s.p.woff2>;
rel=preload; as=\"font\"; crossorigin=\"\"; nonce=\"ZDNmM2Q4OTQtZGI3Ni00YjJlLWFiYmYtNDhiODkzZjc3N2Qz\"; type=\"font/woff2\",
</_next/static/css/0c5a216a26784e39.css>; rel=preload; as=\"style\"; nonce=\"ZDNmM2Q4OTQtZGI3Ni00YjJlLWFiYmYtNDhiODkzZjc3N2Qz\"",
    "13": "reporting-endpoints: csp-endpoint=\"https://0.0.0.0:3000/api/csp-report\"",
    "14": "set-cookie: NEXT_LOCALE=ms-MY; Path=/; Expires=Sun, 08 Aug 2027 10:12:43 GMT; Max-Age=31536000; SameSite=lax",
    "15": "x-middleware-request-content-security-policy: default-src 'self'; script-src 'self' 'nonce-ZDNmM2Q4OTQtZGI3Ni00YjJlLWFiYmYtNDhiODkzZjc3N2Qz' 'strict-
dynamic' https://www.clarity.ms https://*.clarity.ms https://unpkg.com https://challenges.cloudflare.com https://splask-analytics.jdn.gov.my; style-src 'self'
'unsafe-inline'; img-src 'self' data: https://kd-portal.s3.ap-southeast-1.amazonaws.com https://*.clarity.ms https://c.bing.com; font-src 'self' data:; connect-src
'self' https://*.clarity.ms https://c.bing.com https://splask-analytics.jdn.gov.my https://api.us-east.tinybird.co; frame-src 'self'
https://challenges.cloudflare.com; frame-ancestors 'self'; base-uri 'self'; object-src 'none'; report-uri /api/csp-report; report-to csp-endpoint",
    "16": "x-middleware-request-x-nonce: ZDNmM2Q4OTQtZGI3Ni00YjJlLWFiYmYtNDhiODkzZjc3N2Qz",
    "17": "x-middleware-rewrite: /ms-MY",
    "18": "cache-control: private, no-cache, no-store, max-age=0, must-revalidate",
    "19": "content-type: text/html; charset=utf-8",
    "20": "date: Sat, 08 Aug 2026 10:12:43 GMT",
    "21": "strict-transport-security: max-age=31536000; includeSubDomains",
    "22": "x-content-type-options: nosniff",
    "23": "x-frame-options: SAMEORIGIN",
    "24": "referrer-policy: strict-origin-when-cross-origin",
    "25": "permissions-policy: camera=(), microphone=(), geolocation=(), browsing-topics=()",
    "26": "server: envoy"
}
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.015409 0.031391
TCP Connect IPv4 → port 443	301 0.009624 0.049650

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
```