IPv6 Readiness Report

jpm.gov.my — jpm.gov.my

Scan to verify

Category: Government • Generated: 02 Nov 2026, 03:05 MYT • Last Checked: 08 Aug 2026, 18:09 MYT • Verification ID: 8cbf86f6-c0c6-4150-9ae4-43af3699f35f
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/8cbf86f6-c0c6-4150-9ae4-43af3699f35f

⚠
Partially Compliant
MGv6C-1.0

60%
Partial Support

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

IPV4 ADDRESSES
163.53.152.33

Network Information (WHOIS / RDAP)

	IPv4 Network
Organization	GITN Sdn Bhd
Country	MY
ASN	AS17564
ASN Name	GITN-PCN-AS-AP - GITN (M) Sdn. Bhd., MY
Network (CIDR)	163.53.152.0/22

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%) — 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%) — 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	No common DKIM selector found.
7	**DMARC Record**	PASS	DMARC record found.

IPv4 Baseline (15%) — 3 / 3

#	CHECK	RESULT	DETAIL
1	**A Record**	PASS	163.53.152.33
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 1517ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 1451ms TTFB.

Audit Trail & Evidence Record

Verification ID	8cbf86f6-c0c6-4150-9ae4-43af3699f35f
Domain	jpm.gov.my
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:09:25 MYT
Finished	08 Aug 2026, 18:09:40 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/8cbf86f6-c0c6-4150-9ae4-43af3699f35f

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	f6d2133203475dc2cc1c2d2b795b51bc31ce83c5b6d875b7d5de415ac55eba98
http_headers	7302e3faba724ca2ee16d1ddae2494dccfb97bd9eceff502d5767e10ad4078bf
dns_responses	3b8854f727b09b1e162d26e99b1fb86c66fc7714dbe36ef74eea4b62f5c3bf0d
tls_handshake	4049dfa94c116eaedd9bb7069b8cee91eea88fbd955c558eb9b2a6eae8b60904
connectivity_log	3e2deea9c1df0bea6c6e2d3dca0a176a8dcdae6568b9fefbb14d4ac15208cbeb
dns_resolution_times	e6c52a12741b8774f4d35a92d3f5789fe9fd60e019b1df2d8658bf8b7f686e23

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	22.75	23.95	25.24	28.53	+2.5
Google	IPv4	96.07	153.34	102.38	168.86	+6.3
Google	IPv6	167.36	182.13	164.18	164.27	-3.2
Cloudflare	IPv4	26.02	28.75	23.22	31.27	-2.8
Cloudflare	IPv6	39.83	48.65	22.13	52.29	-17.7

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 23827
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
jpm.gov.my.□□10835□IN□A□163.53.152.33
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 22971
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
jpm.gov.my.□□58794□IN□DS□45397 8 2 DFFB76262F77605E4F472844377A199AC6DBC9977FA3A06C74E14E02 7761104C
jpm.gov.my.□□58794□IN□DS□45397 8 1 6DF2CD12E570CE94210627155D1D2916CF721169
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 23953
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

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

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 37938
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
jpm.gov.my.□□10834□IN□NS□dns1.gitn.net.my.
jpm.gov.my.□□10834□IN□NS□dns2.gitn.net.my.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 4591
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
jpm.gov.my.□□3600□IN□TXT□"google-site-verification=glxtToE_vHGGVgGNpRy86PbLsYyNTeucfRDYDGihxk"
jpm.gov.my.□□3600□IN□TXT□"MS=F003800D590FF3AC5DE1A9A946491069O8FDE7A1"
jpm.gov.my.□□3600□IN□TXT□"google-site-verification=8XdYmNxKC7W-HprLOirtuXLJ01GZG7D11jZ_2YamE8M"
jpm.gov.my.□□3600□IN□TXT□"v=spf1 ip4:103.8.147.121/32 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"
jpm.gov.my.□□3600□IN□TXT□"_globalsign-domain-verification=6k3A3Dc_NUc4z9DZHOqz1hUENGg6XKFXyRSGoP5VcK"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 57373
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
jpm.gov.my.□□3600□IN□SOA□dns1.gitn.net.my. root.dns1.gitn.net.my. 2026072432 10800 3600 604800 38400
```

RRSIG

```
dns1.gitn.net.my. root.dns1.gitn.net.my. 2026072430 10800 3600 604800 38400
SOA 8 3 38400 20260907010920 20260808000920 58173 jpm.gov.my. la39LnxYpjF++s4vFGRo0FY9stnZinxLdHg7MkGla9hwIpY4ThXDkhxb
tLaTrf8/QqJCQhS30df/yD6389sEmzF+CFFjPInjQziOions8ZWBTuxQ BS3fAM8z0pZf+URbt0FADCQGuMI39O5p6Qo45BHv3XLLboqXDJ1LQaud V4I=
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 58319
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
jpm.gov.my.□□10795□IN□DNSKEY□257 3 8 AwEAAZqvK6mwPZIbl22uC1b8RdtpJw+6HiaG8zPzr1AQHF+KpEgJpkMt rDrsQj9TwVdtA+eXB2TXq8fgC2AaBroeS/PyC25D3QNNXq4pIDuPoFAL
xh9IERTgLbOd8SdvvMsoOszMMcZid6BpMDRyCxJitf2GGcQdOd4M6q+H dI3ZCO3VzV1fbKMqHbf2Hfxb/TFjgR9ohNs+9sjt2QW7oodoHvypSCBJ
GtKBZmke5SxHDOholySLRfU2Kd5SzF/IMelZLVFgCCp18/Urcksker7f hmNekuW+2kEOHSUJ2Mx2/neb3UmyraLHdNf9hHNtIXXrjkbTSZaqm/Xc N/eNy3mDZtk=
jpm.gov.my.□□10795□IN□DNSKEY□256 3 8 AwEAAbyHSImfk/8xMH6WhiGuICQLKdqvay4wPgEGArFsbE2ThroTeTr6 VbGNfI+M6CRbndqBHArnzt/l9OZlTbLgHkGduwRJM4ePTVgsqNasTuNS
jZ7mfTfoJ3r0+FxwU+QftjfE2L9aYLWjbaYxil2qh3/md6w5PY/k2V2g ZIHswORn
```

DNSSEC_VALIDATION

```
; fully validated
jpm.gov.my.□□10795□IN□SOA□dns1.gitn.net.my. root.dns1.gitn.net.my. 2026072430 10800 3600 604800 38400
jpm.gov.my.□□10795□IN□RRSIG□SOA 8 3 38400 20260907010920 20260808000920 58173 jpm.gov.my. la39LnxYpjF++s4vFGRo0FY9stnZinxLdHg7MkGla9hwIpY4ThXDkhxb
tLaTrf8/QqJCQhS30df/yD6389sEmzF+CFFjPInjQziOions8ZWBTuxQ BS3fAM8z0pZf+URbt0FADCQGuMI39O5p6Qo45BHv3XLLboqXDJ1LQaud V4I=
```

TLS Handshake Evidence

IPV4 Connection

IP Used	163.53.152.33
IP Version	4

```
depth=0 C = MY, ST = PUTRAJAYA, L = PUTRAJAYA, O = JABATAN PERDANA MENTERI, CN = *.jpm.gov.my
verify error:num=20:unable to get local issuer certificate
verify return:1
depth=0 C = MY, ST = PUTRAJAYA, L = PUTRAJAYA, O = JABATAN PERDANA MENTERI, CN = *.jpm.gov.my
verify error:num=21:unable to verify the first certificate
verify return:1
depth=0 C = MY, ST = PUTRAJAYA, L = PUTRAJAYA, O = JABATAN PERDANA MENTERI, CN = *.jpm.gov.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = MY, ST = PUTRAJAYA, L = PUTRAJAYA, O = JABATAN PERDANA MENTERI, CN = *.jpm.gov.my
   i:C = BE, O = GlobalSign nv-sa, CN = GlobalSign RSA OV SSL CA 2018
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Aug 13 02:16:03 2025 GMT; NotAfter: Sep 14 02:16:02 2026 GMT
-----BEGIN CERTIFICATE-----
MIIGljCCBX6gAwIBAgIMWkWnYsAp6u4mpTvUMA0GCSqGSIb3DQEBCwUAMFAxCzAJ
BgNVBAYTAkJFMRkwFwYDVQQKExBHbG9iYWxTaWduIG52LXNhMSYwJAYDVQQDEx1H
bG9iYWxTaWduIFJTQSBPViBTU0wgQ0EgMjAxODAeFw0yNTA4MTMwMjE2MDNaFw0y
NjA5MTQwMjE2MDJaMG4xCzAJBgNVBAYTAk1ZMRIwEAYDVQQIEwlQVVRSQUpBWUEx
EjAQBgNVBAcTCVBVVFJBSkFZQTEgMB4GA1UEChMXSkFCQVRBTiBQRVJEQU5BIE1F
TlRFUkkxFTATBgNVBAMMDCouanBtLmdvdi5teTCCASIwDQYJKoZIhvcNAQEBBQAD
ggEPADCCAQoCggEBAL20vZfDdJuRAF4X/0NLDVDcWOcB3GG/+G02HMSG+omqNiUS
voQSk6OPHid+eyWLkDSmyz6YquuOZK+YbYqFsrXrH3SCmcerf0kJ4FtbEl9PiV1+
InDfS3xgP0ONem4mT/S1BRhOPREaC2de8E8WuR2DMdDpwlw/O7oCRMbhzbCCnIg2
+FFvPpFpFYAcAbM11i+YyILpxXyLcZ7mWeAbs+1I6xhJ2ijQk+itxYB6WT9sXNyJ
py7nI/TucIu3MwS7mogqpPFuHEgL0QwyqeIn2/EG0QYF02+NrpNrTTpwbcjerFVF
e9CEnpk3qznoGhggzoxCxLHGsSjcZ5ermvYjHHkCAwEAAaOCA1AwggNMMA4GA1Ud
DwEB/wQEAwIFoDAMBgNVHRMBAf8EAjAAMIGOBggrBgEFBQcBAQSBgTB/MEQGCCsG
AQUFBzAChjhodHRwOi8vc2VjdXJlLmdsb2JhbHNpZ24uY29tL2NhY2VydC9nc3Jz
YW92c3NsY2EyMDE4LmNydDA3BggrBgEFBQcwAYYraHR0cDovL29jc3AuZ2xvYmFs
c2lnbi5jb20vZ3Nyc2FvdnNzbGNhMjAxODBWBgNVHSAETzBNMEEGCSsGAQQBoDIB
FDA0MDIGCCsGAQUFBwIBFiZodHRwczovL3d3dy5nbG9iYWxzaWduLmNvbS9yZXBv
c2l0b3J5LzAIBgZngQwBAgIwPwYDVR0fBDgwNjA0oDKgMIYuaHR0cDovL2NybC5n
bG9iYWxzaWduLmNvbS9nc3JzYW92c3NsY2EyMDE4LmNybDAjBgNVHREEHDAaggwq
LmpwbS5nb3YubXmCCmpwbS5nb3YubXkwHQYDVR0lBBYwFAYIKwYBBQUHAwEGCCsG
AQUFBwMCMB8GA1UdIwQYMBaAFPjvf/LNeGeo3m+PJI2I8YcDArPrMB0GA1UdDgQW
BBTcAkUQCmpU1Xl0g0ZBKCG2f9yF/TCCAXwGCisGAQQB1nkCBAIEggFsBIIBaAFm
AHUAyzj3FYl8hKFEX1vB3fvJbvKaWc1HCmkFhbDLFMMUWOcAAAGYoTaigAAABAMA
RjBEAiB9OeRXPboMh/JEqu8XqXH5WZaZM43r+Sl/toNyxMWNWwIgRSSW0p6k8FUs
mkIuAVid1ni6wGBQTxC6qJVhjW6KvpcAdgDCMX5XRRmjRe5/ON6ykEHrx8IhWiK/
f9W1rXaa2Q5SzQAAAZihNqP2AAAEAwBHMEUCIGp4uaoFahMns8eIdCnQtKa48Bts
uvTlGUa9RObf2vFWAiEA1OulkbCE6RsnSQAm96GjYx5C1nD60c/+crRSlUhdBf0A
dQCUscGKsNBXxHvgrAQOHyy8jcN1cnvJUfIKUmEmhjunPAAAAZihNqJ+AAAEAwBG
MEQCIENsEqHrtA8Ki8hJmkjJYmzB2lUvKLdAEZEjfUFtNPZSAiBUZ42FA2Sf2HV3
EwmA4CGYlH5CGvFLW/DTuM+JWM6DxDANBgkqhkiG9w0BAQsFAAOCAQEAcLUwoDFY
aGX3I7wtML6HQ/xvNms98vW70tGgLzm635IlpcfxUqF82iw+k8bdMrgJxY6oNFq2
3EqQ9hwM9eJnkhtfHg5/LMY772x2N0vMzNlOWikEXTmk2Po6n0drbf8xcMyJ3wI0
PAHqEHs67TvYD7UCBxNkltd2lH8B7rpVjtbPA2C0OWPNNhh+FQZsQAE++gsPcbxP
xBZTyxn+hjnjrsUp4L7paiI/wixKBjP7E7oyFQvcFSjwcPqtfU+g4BE2TiU3z0zM
ExUYAYZx61W6TLnzzn8Y2QdYPWAtL9G/d9boX+MMbWI57Wh+cQqKmOQd9FE/TuZk
9oU4q5TAYdGp8Q==
-----END CERTIFICATE-----
---
Server certificate
subject=C = MY, ST = PUTRAJAYA, L = PUTRAJAYA, O = JABATAN PERDANA MENTERI, CN = *.jpm.gov.my
issuer=C = BE, O = GlobalSign nv-sa, CN = GlobalSign RSA OV SSL CA 2018
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: RSA-PSS
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 2351 bytes and written 405 bytes
Verification error: unable to verify the first certificate
---
New, TLSv1.2, Cipher is ECDHE-RSA-AES256-GCM-SHA384
Server public key is 2048 bit
Secure Renegotiation IS supported
Compression: NONE
Expansion: NONE
No ALPN negotiated
SSL-Session:
```

```
Protocol  : TLSv1.2
Cipher    : ECDHE-RSA-AES256-GCM-SHA384
Session-ID: C951159DB9965EFF7F53C0705171C2E38AC1D5EBA5A63374589407815F8CADA0
Session-ID-ctx:
Master-Key: 75F34085755995EF7FBC58151070E64ABCB2A5A5037334E49C205C231E24D7B21202C3A4747CCA75E537EC81EE1185C4
PSK identity: None
PSK identity hint: None
SRP username: None
TLS session ticket lifetime hint: 7200 (seconds)
TLS session ticket:
0000 - 6d 66 ab d9 b7 ba 7e 8b-39 9b 2b 19 3a bb 10 2f   mf....~.9.+.:../
0010 - cc 5f d2 89 bb 85 2b 70-2d 36 19 c5 7a 15 0c 7a   ._....+p-6..z..z
0020 - 7e 14 f2 ee 51 51 4b a9-98 3d 5e 0d 81 04 19 f3   ~...QQK..=^.....
0030 - 29 ce 14 58 f7 84 e8 51-a3 58 e2 89 38 47 74 2a   )..X...Q.X..8Gt*
0040 - ad c7 40 9a ba 0c 38 ea-b0 ba 39 07 60 c4 d3 c5   ..@...8...9.`...
0050 - a2 c3 a8 54 ab a4 3a 99-6f 85 b0 d3 2e 59 f2 97   ...T..:.o....Y..
0060 - 74 e0 b2 0b 1b e3 b2 11-ab 14 ee 18 f5 90 9b 42   t..............B
0070 - cb b7 a8 6f c2 85 1e c2-32 3d 67 3c 96 8d ba 58   ...o....2=g<...X
0080 - d2 72 91 50 54 00 78 3c-26 23 c2 ef a3 76 56 38   .r.PT.x<&#...vV8
0090 - 6e d6 d3 56 4d 3a e0 3c-66 a5 4f c1 6c c4 25 53   n..VM:.<f.O.l.%S
00a0 - f5 8b 69 d6 5c 01 ab 0c-f3 e1 44 b7 3a 5f 89 fb   ..i.\.....D.:_..
00b0 - 62 0a dd 59 5c 94 43 f7-a6 f9 eb 14 bb 90 68 d3   b..Y\.C.......h.

Start Time: 1786183777
Timeout   : 7200 (sec)
Verify return code: 21 (unable to verify the first certificate)
Extended master secret: yes
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	163.53.152.33
Connect Time	11.58 ms
TTFB	1520.19 ms
Total Time	1520.34 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Location: https://jpm.gov.my:443/",
    "2": "Content-Length: 98",
    "3": "Content-Type: text/html",
    "5": "HTTP/2 301",
    "6": "date: Sat, 08 Aug 2026 10:09:37 GMT",
    "7": "server: Apache/2.4.52 (Ubuntu)",
    "8": "x-frame-options: SAMEORIGIN",
    "9": "referrer-policy: strict-origin-when-cross-origin",
    "10": "cross-origin-opener-policy: same-origin",
    "11": "cache-control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0",
    "12": "expires: Wed, 17 Aug 2005 00:00:00 GMT",
    "13": "pragma: no-cache",
    "14": "set-cookie: 4d203aafa7c7cf48308dd3e84a143cd5=f6cb48aed00789687755832f9b2814e6; path=/; HttpOnly",
    "15": "x-content-type-options: nosniff",
    "16": "location: https://jpm.gov.my/ms/",
    "17": "last-modified: Sat, 08 Aug 2026 10:09:37 GMT",
    "18": "content-type: text/html; charset=utf-8",
    "19": "set-cookie: cookiesession1=678B28851FE5AA8C7FCABEA8978B0A7A;Expires=Sun, 08 Aug 2027 10:09:37 GMT;Path=/;HttpOnly",
    "21": "HTTP/2 200",
    "22": "date: Sat, 08 Aug 2026 10:09:37 GMT",
    "23": "server: Apache/2.4.52 (Ubuntu)",
    "24": "x-frame-options: SAMEORIGIN",
    "25": "referrer-policy: strict-origin-when-cross-origin",
    "26": "cross-origin-opener-policy: same-origin",
    "27": "expires: Wed, 17 Aug 2005 00:00:00 GMT",
    "28": "cache-control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0",
    "29": "pragma: no-cache",
    "30": "set-cookie: 4d203aafa7c7cf48308dd3e84a143cd5=ea48de3e8f6bacfc6fd191e05d819a6d; path=/; HttpOnly",
    "31": "x-content-type-options: nosniff",
    "32": "last-modified: Sat, 08 Aug 2026 10:09:38 GMT",
    "33": "content-type: text/html; charset=utf-8"
}
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	163.53.152.33
Connect Time	4.63 ms
TTFB	1544.91 ms
Total Time	1545.01 ms

Response Headers:


```
{
    "0": "HTTP/2 301",
    "1": "date: Sat, 08 Aug 2026 10:09:38 GMT",
    "2": "server: Apache/2.4.52 (Ubuntu)",
    "3": "x-frame-options: SAMEORIGIN",
    "4": "referrer-policy: strict-origin-when-cross-origin",
    "5": "cross-origin-opener-policy: same-origin",
    "6": "cache-control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0",
    "7": "expires: Wed, 17 Aug 2005 00:00:00 GMT",
    "8": "pragma: no-cache",
    "9": "set-cookie: 4d203aafa7c7cf48308dd3e84a143cd5=2f53ecd046f854e1ce86492d28e460bb; path=/; HttpOnly",
    "10": "x-content-type-options: nosniff",
    "11": "location: https://jpm.gov.my/ms/",
    "12": "last-modified: Sat, 08 Aug 2026 10:09:39 GMT",
    "13": "content-type: text/html; charset=utf-8",
    "14": "set-cookie: cookiesession1=678B2885C7EA23CD580E18DE33309D4B;Expires=Sun, 08 Aug 2027 10:09:39 GMT;Path=/;HttpOnly",
    "16": "HTTP/2 200",
```

```
    "17": "date: Sat, 08 Aug 2026 10:09:39 GMT",
    "18": "server: Apache/2.4.52 (Ubuntu)",
    "19": "x-frame-options: SAMEORIGIN",
    "20": "referrer-policy: strict-origin-when-cross-origin",
    "21": "cross-origin-opener-policy: same-origin",
    "22": "expires: Wed, 17 Aug 2005 00:00:00 GMT",
    "23": "cache-control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0",
    "24": "pragma: no-cache",
    "25": "set-cookie: 4d203aafa7c7cf48308dd3e84a143cd5=d298e02e35cb6fe37ba4d776579849bc; path=/; HttpOnly",
    "26": "x-content-type-options: nosniff",
    "27": "last-modified: Sat, 08 Aug 2026 10:09:40 GMT",
    "28": "content-type: text/html; charset=utf-8"
}
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.004951 0.021945
TCP Connect IPv4 → port 443	000 0.004705 0.000000

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
```