IPv6 Readiness Report

doe.gov.my — doe.gov.my

Scan to verify

Category: Government • Generated: 02 Nov 2026, 03:07 MYT • Last Checked: 08 Aug 2026, 18:26 MYT • Verification ID: 5af8462e-81e5-4dd7-b06f-137367fbcc3b
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/5af8462e-81e5-4dd7-b06f-137367fbcc3b

✗
Non-Compliant
MGv6C-1.0

55%
No IPv6 Support

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

IPV4 ADDRESSES
202.75.5.59

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)	202.75.4.0/22

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%) — 2 / 3

#	CHECK	RESULT	DETAIL
1	**A Record**	PASS	202.75.5.59
2	**HTTP over IPv4**	FAIL	HTTP is not accessible over IPv4.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 3324ms TTFB.

Audit Trail & Evidence Record

Verification ID	5af8462e-81e5-4dd7-b06f-137367fbcc3b
Domain	doe.gov.my
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:25:56 MYT
Finished	08 Aug 2026, 18:26:33 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/5af8462e-81e5-4dd7-b06f-137367fbcc3b

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	7c110d9730310d0ecb86817a54b57a2acda65e24d43d6954c6c42ca2a0fc26bc
http_headers	8f6e532d707036991b3321850f159bdfb9ca485956b7262db849a156698e87e5
dns_responses	2415eb0fc47a40618010443bfa05fd67e2a0caeda86255e53ce7e2c28e96ba94
tls_handshake	6d6ff3ac06384627367958c7ac04f2366d4ef8d83aec898a086adb7b6f7ec4a1
connectivity_log	7be4658ff070a0996dbc2c3c054d734a33d71f350f6c7b33ba7197451d08c38a
dns_resolution_times	1d5229b2a96b7639ed9c8358355b873a15965d75563e956d2be13e43477764a7

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	19.52	28.85	20.85	29.7	+1.3
Google	IPv4	160.48	227.98	41.01	168.42	-119.5
Google	IPv6	169.14	223.98	30.48	41.2	-138.7
Cloudflare	IPv4	23.51	25	24.58	28.52	+1.1
Cloudflare	IPv6	46.22	53.27	23.77	46.83	-22.5

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 17156
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
doe.gov.my.□□3600□IN□A□202.75.5.59
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 8029
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
doe.gov.my.□□59361□IN□DS□58030 8 2 89AED2796BD212A96595BB042235134F536FF87164699F67EECB5560 2669716F
doe.gov.my.□□59361□IN□DS□58030 8 1 97156231ED99ECCE184193E6D045EB5CCE647441
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 61842
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

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

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 34838
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

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

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 44539
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
doe.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"
doe.gov.my.□□3600□IN□TXT□"google-site-verification=jelfWnFpNIo9NYNK1safkmBXJH3mGORbSwFwwA_TzUc"
doe.gov.my.□□3600□IN□TXT□"MS=ms65966251"
doe.gov.my.□□3600□IN□TXT□"MS=13AB96183468BF42CCDB17F9DFD4707032C4B3FE"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 38693
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
doe.gov.my.□□3600□IN□SOA□dns1.gitn.net.my. root.dns1.gitn.net.my. 2026062264 3600 900 3600000 3600
```

RRSIG

```
dns1.gitn.net.my. root.dns1.gitn.net.my. 2026062264 3600 900 3600000 3600
SOA 8 3 3600 20260907082937 20260808072937 42093 doe.gov.my. LjDTRD5lXY94djwKGXAOccPLd9m0we4UXOXBt/PIdJsqDZZBt1k6OVnV
gcnB949XJFbLRdqoz5cLuyYZxqgwuPg5znrf38KeteiieSFM9tRPV+SE yflhv0zBKS1AkavozVLiREJetFE4N8vldYTJFNn3ryjD5sfPO/MU5vkz 11U=
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 14276
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
doe.gov.my.□□3586□IN□DNSKEY□257 3 8 AwEAAdzW2gQP1hv9DWkqtIX88KEW64EaVtx1wZ0fum/wBjjH92QRTi89 /eyIF9hHngpgPHmKE+CINWV+FuIS+rCFxt8tEv23Esk8eMBCf1dwSFEX
lgTCvkKeg6WnB9Q1wK5/R2drG31f5s9kZv+rbebUlW4d0GqhRIJXpeLf hVrCFXO+zOYCO9l9lBsVzSW+L+mStU21vl2ZCJ3ACug7vDS3X7RrJPkd
Uy5ryo4KAB7EcNqu0iOriGlsuAT/wOwqdBkjdZ85dgCgWH0Y5XkgxjCs VDavVMoyruOzPfn/NYO6dw1Kbvzs2iY43VnYtNdnTrF6JRlZa3MIQxjj jDHwsrVqTkE=
doe.gov.my.□□3586□IN□DNSKEY□256 3 8 AwEAAb9okblQ70AgzxuBAZg4WrNpXMyo4K7ulHzrrFrvp361fcx2idHb KRJvHJRp/feYmtleFWc4UCCOhpihNu64kfNx0899hiVmxvXndtT3+pG/
qNiwNzIQCjYSQnwT5eR/gUja04NlR3h9XsLQ4k8LhXUnkdb1WfNu9s7p 5UEPSirJ
```

DNSSEC_VALIDATION

```
; fully validated
doe.gov.my.□□3586□IN□SOA□dns1.gitn.net.my. root.dns1.gitn.net.my. 2026062264 3600 900 3600000 3600
doe.gov.my.□□3586□IN□RRSIG□SOA 8 3 3600 20260907082937 20260808072937 42093 doe.gov.my. LjDTRD5lXY94djwKGXAOccPLd9m0we4UXOXBt/PIdJsqDZZBt1k6OVnV
gcnB949XJFbLRdqoz5cLuyYZxqgwuPg5znrf38KeteiieSFM9tRPV+SE yflhv0zBKS1AkavozVLiREJetFE4N8vldYTJFNn3ryjD5sfPO/MU5vkz 11U=
```

TLS Handshake Evidence

IPV4 Connection

IP Used	202.75.5.59
IP Version	4

```
depth=2 OU = GlobalSign Root CA - R3, O = GlobalSign, CN = GlobalSign
verify return:1
depth=1 C = BE, O = GlobalSign nv-sa, CN = GlobalSign RSA OV SSL CA 2018
verify return:1
depth=0 C = MY, ST = PUTRAJAYA, L = PUTRAJAYA, O = JABATAN ALAM SEKITAR, CN = *.doe.gov.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = MY, ST = PUTRAJAYA, L = PUTRAJAYA, O = JABATAN ALAM SEKITAR, CN = *.doe.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: Nov  3 01:30:01 2025 GMT; NotAfter: Dec  5 01:30:00 2026 GMT
-----BEGIN CERTIFICATE-----
MIIGlzCCBX+gAwIBAgIMKncqEk63h2j5xlCRMA0GCSqGSIb3DQEBCwUAMFAxCzAJ
BgNVBAYTAkJFMRkwFwYDVQQKExBHbG9iYWxTaWduIG52LXNhMSYwJAYDVQQDEx1H
bG9iYWxTaWduIFJTQSBPViBTU0wgQ0EgMjAxODAeFw0yNTExMDMwMTMwMDFaFw0y
NjEyMDUwMTMwMDBaMGsxCzAJBgNVBAYTAk1ZMRIwEAYDVQQIEwlQVVRSQUpBWUEx
EjAQBgNVBAcTCVBVVFJBSkFZQTEdMBsGA1UEChMUSkFCQVRBTiBBTEFNIFNFS0lU
QVIxFTATBgNVBAMMDCouZG9lLmdvdi5teTCCASIwDQYJKoZIhvcNAQEBBQADggEP
ADCCAQoCggEBAMhraTw5gYyAwautSagM/Tw4RGvkRz2mk8sNRV5YDF2h3dC8C4NG
jIrHSIaBYdFGrXBWQeTe03g+cf2mKPHDUQzX/69KRN7M/c9fmXsSJaEgCqMk85J9
b+H64fEb8flMoG0S1k3JWv50gxZBmx8idJBltqvPtGueqDXtj1pFaS2roLtmfUZR
zp/7oXf0Frt5f7odmaX4+OOmjFNYn6FgQcTjA1jdNw/n4km0sTrxGL982FJXpJFp
K+u81g5ESWsD2eE0IaENLH/nz3Wni14HZzN7oWEpKhUbMwWDDOnRNJd54gD2EoK/
+JQeKKfqdvut45c+FpJFau2k9gz77lZNBbECAwEAAaOCA1QwggNQMA4GA1UdDwEB
/wQEAwIFoDAMBgNVHRMBAf8EAjAAMIGOBggrBgEFBQcBAQSBgTB/MEQGCCsGAQUF
BzAChjhodHRwOi8vc2VjdXJlLmdsb2JhbHNpZ24uY29tL2NhY2VydC9nc3JzYW92
c3NsY2EyMDE4LmNydDA3BggrBgEFBQcwAYYraHR0cDovL29jc3AuZ2xvYmFsc2ln
bi5jb20vZ3Nyc2FvdnNzbGNhMjAxODBWBgNVHSAETzBNMEEGCSsGAQQBoDIBFDA0
MDIGCCsGAQUFBwIBFiZodHRwczovL3d3dy5nbG9iYWxzaWduLmNvbS9yZXBvc2l0
b3J5LzAIBgZngQwBAgIwPwYDVR0fBDgwNjA0oDKgMIYuaHR0cDovL2NybC5nbG9i
YWxzaWduLmNvbS9nc3JzYW92c3NsY2EyMDE4LmNybDAjBgNVHREEHDAaggwqLmRv
ZS5nb3YubXmCCmRvZS5nb3YubXkwHQYDVR0lBBYwFAYIKwYBBQUHAwEGCCsGAQUF
BwMCMB8GA1UdIwQYMBaAFPjvf/LNeGeo3m+PJI2I8YcDArPrMB0GA1UdDgQWBBRY
6Yccyv2qnu3NQ8cYbwLbpQAUDDCCAYAGCisGAQQB1nkCBAIEggFwBIIBbAFqAHcA
rKswcGzr7IQx9BPS9JFfER5CJEOx8qaMTzwrO6ceAsMAAAGaR1YIMAAABAMASDBG
AiEArVWgvNheqiqA0a6/Vzl2NodKibOQndz/8txqB6aMqtMCIQCtjjtqVADRadtl
8CCx/xxogXEqglx8WXvbJhShvbc2LwB2AMs49xWJfIShRF9bwd37yW7ymlnNRwpp
BYWwyxTDFFjnAAABmkdWBn4AAAQDAEcwRQIgMcvKTZeRMXbJnff9w3An4fl5KW7A
9SR+7IwkgbU69CQCIQDNtSVE7v+eg5ab+3QXyGZ6H4al90FV7r3MtyubRAKS/wB3
AMIxfldFGaNF7n843rKQQevHwiFaIr9/1bWtdprZDlLNAAABmkdWB+AAAAQDAEgw
RgIhAOgziXDZFmSSMXTJSYskWCG7TZXNkfDynW1B6kfBKZpuAiEA64UZie00giWq
BLq404ct0KNuBZDjWp2mm5sB3m3TXFowDQYJKoZIhvcNAQELBQADggEBABfhl6tg
F0fwt4xMdzWpCG3PQThPRbaopa3fhofsaIvOPA28EAsmqlzwvLoVGIcH8gReQgBZ
gKXoBcIoW82cEFQ4WkECyNcm8wdFTpLjLkmkTK7fxhwbVXLrasn3MdWWOV7IxzAn
VSTTgldmmJLoMsP5eo5OgJ1NJZie2fFeX3LSczzd1nxnOgGxeCvd9kAD1RwKpugx
QwNOKH6H8lnNtJwAYASckOYnsTiclviEcHVklLJvFq7P8RLrkahv5HT8/Cz8kzXr
17NbiZ6CCOXvz0D0eF2J103u3Ci5IW/FJw5mYHRFPmC+N+q/4OoeVN1aK4ZIE0ya
suktTVHO+r/vJxM=
-----END CERTIFICATE-----
 1 s:OU = GlobalSign Root CA - R3, O = GlobalSign, CN = GlobalSign
   i:OU = GlobalSign Root CA - R3, O = GlobalSign, CN = GlobalSign
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Mar 18 10:00:00 2009 GMT; NotAfter: Mar 18 10:00:00 2029 GMT
-----BEGIN CERTIFICATE-----
MIIDXzCCAkegAwIBAgILBAAAAAABIVhTCKIwDQYJKoZIhvcNAQELBQAwTDEgMB4G
A1UECxMXR2xvYmFsU2lnbiBSb290IENBIC0gUjMxEzARBgNVBAoTCkdsb2JhbFNp
Z24xEzARBgNVBAMTCkdsb2JhbFNpZ24wHhcNMDkwMzE4MTAwMDAwWhcNMjkwMzE4
MTAwMDAwWjBMMSAwHgYDVQQLExdHbG9iYWxTaWduIFJvb3QgQ0EgLSBSMzETMBEG
A1UEChMKR2xvYmFsU2lnbjETMBEGA1UEAxMKR2xvYmFsU2lnbjCCASIwDQYJKoZI
hvcNAQEBBQADggEPADCCAQoCggEBAMwldpB5BngiFvXAg7aEyiie/QV2EcWtiHL8
RgJDx7KKnQRfJMsuS+FggkbhUqsMgUdwbN1k0ev1LKMPgj0MK66X17YUhhB5uzsT
gHeMCOFJ0mpiLx9e+pZo34knlTifBtc+ycsmWQ1z3rDI6SYOgxXG71uL0gRgykmm
KPZpO/bLyCiR5Z2KYVc3rHQU3HTgOu5yLy6c+9C7v/U9AOEGM+iCK65TpjoWc4zd
QQ4gOsC0p6Hpsk+QLjJg6VfLuQSSaGjlOCZgdbKfd/+RFO+uIEn8rUAVSNECMWEZ
XriX7613t2Saer9fwRPvm2L7DWzgVGkWqQPabumDk3F2xmmFghcCAwEAAaNCMEAw
DgYDVR0PAQH/BAQDAgEGMA8GA1UdEwEB/wQFMAMBAf8wHQYDVR0OBBYEFI/wS3+o
LkUkrk1Q+mOai97i3Ru8MA0GCSqGSIb3DQEBCwUAA4IBAQBLQNvAUKr+yAzv95ZU
RUm7lgAJQayzE4aGKAczymvmdLm6AC2upArT9fHxD4q/c2dKg8dEe3jgr25sbwMp
jjM5RcOO5LlXbKr8EpbsU8Yt5CRsuZRj+9xTaGdWPoO4zzUhw8lo/s7awlOqzJCK
6fBdRoyV3XpYKBovHd7NADdBj+1EbddTKJd+82cEHhXXipa0095MJ6RMG3NzdvQX
mcIfeg7jLQitChws/zyrVQ4PkX4268NXSb7hLi18YIvDQVETI53O9zJrlAGomecs
```

```
Mx86OyXShkDOOyyGeMlhLxS67ttVb9+E7gUJTb0o2HLO02JQZR7rkpeDMdmztcpH
WD9f
-----END CERTIFICATE-----
 2 s:C = BE, O = GlobalSign nv-sa, CN = GlobalSign RSA OV SSL CA 2018
   i:OU = GlobalSign Root CA - R3, O = GlobalSign, CN = GlobalSign
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Nov 21 00:00:00 2018 GMT; NotAfter: Nov 21 00:00:00 2028 GMT
-----BEGIN CERTIFICATE-----
MIIETjCCAzagAwIBAgINAe5fIh38YjvUMzqFVzANBgkqhkiG9w0BAQsFADBMMSAw
HgYDVQQLExdHbG9iYWxTaWduIFJvb3QgQ0EgLSBSMzETMBEGA1UEChMKR2xvYmFs
U2lnbjETMBEGA1UEAxMKR2xvYmFsU2lnbjAeFw0xODExMjEwMDAwMDBaFw0yODEx
MjEwMDAwMDBaMFAxCzAJBgNVBAYTAkJFMRkwFwYDVQQKExBHbG9iYWxTaWduIG52
LXNhMSYwJAYDVQQDEx1HbG9iYWxTaWduIFJTQSBPViBTU0wgQ0EgMjAxODCCASIw
DQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAKdaydUMGCEAI9WXD+uu3Vxoa2uP
UGATeoHLl+6OimGUSyZ59gSnKvuk2la77qCk8HuKf1UfR5NhDW5xUTolJAgvjOH3
idaSz6+zpz8w7bXfIa7+9UQX/dhj2S/TgVprX9NHsKzyqzskeU8fxy7quRU6fBhM
abO1IFkJXinDY+YuRluqlJBJDrnw9UqhCS98NE3QvADFBlV5Bs6i0BDxSEPouVq1
lVW9MdIbPYa+oewNEtssmSStR8JvA+Z6cLVwzM0nLKWMjsIYPJLJLnNvBhBWk0Cq
o8VS++XFBdZpaFwGue5RieGKDkFNm5KQConpFmvv73W+eka440eKHRwup08CAwEA
AaOCASkwggElMA4GA1UdDwEB/wQEAwIBhjASBgNVHRMBAf8ECDAGAQH/AgEAMB0G
A1UdDgQWBBT473/yzXhnqN5vjySNiPGHAwKz6zAfBgNVHSMEGDAWgBSP8Et/qC5F
JK5NUPpjmove4t0bvDA+BggrBgEFBQcBAQQyMDAwLgYIKwYBBQUHMAGGImh0dHA6
Ly9vY3NwMi5nbG9iYWxzaWduLmNvbS9yb290cjMwNgYDVR0fBC8wLTAroCmgJ4Yl
aHR0cDovL2NybC5nbG9iYWxzaWduLmNvbS9yb290LXIzLmNybDBHBgNVHSAEQDA+
MDwGBFUdIAAwNDAyBggrBgEFBQcCARYmaHR0cHM6Ly93d3cuZ2xvYmFsc2lnbi5j
b20vcmVwb3NpdG9yeS8wDQYJKoZIhvcNAQELBQADggEBAJmQyC1fQorUC2bbmANz
EdSIhlIoU4r7rd/9c446ZwTbw1MUcBQJfMPg+NccmBqixD7b6QDjynCy8SIwIVbb
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	0
Connected IP	202.75.5.59
Connect Time	6.13 ms
TTFB	0 ms
Total Time	10002.55 ms
Error	Operation timed out after 10002 milliseconds with 0 bytes received

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	202.75.5.59
Connect Time	15.24 ms
TTFB	3437.84 ms
Total Time	3437.95 ms

Response Headers:


```
{
    "0": "HTTP/2 301",
    "1": "server: nginx",
    "2": "date: Sat, 08 Aug 2026 10:26:30 GMT",
    "3": "content-type: text/html; charset=UTF-8",
    "4": "location: https://www.doe.gov.my/",
    "5": "set-cookie: TDZwNtvlQBG=CtqVAbnkd; expires=Sun, 09-Aug-2026 10:26:28 GMT; Max-Age=86400; path=/; secure",
    "6": "set-cookie: RMyqowlu_-L=ATCHUMi1h_z3j%40a5; expires=Sun, 09-Aug-2026 10:26:28 GMT; Max-Age=86400; path=/; secure",
    "7": "set-cookie: HApgsVhfCGXwiRF=m18AvpD6; expires=Sun, 09-Aug-2026 10:26:28 GMT; Max-Age=86400; path=/; secure",
    "8": "set-cookie: Jcth_RBoVQEAL=_5uMXg7PSV; expires=Sun, 09-Aug-2026 10:26:28 GMT; Max-Age=86400; path=/; secure",
    "9": "x-ua-compatible: IE=edge",
    "10": "x-redirect-by: WordPress",
    "11": "wpo-cache-status: not cached",
    "12": "wpo-cache-message: The request method was not GET (HEAD)",
    "14": "HTTP/2 200",
    "15": "server: nginx",
    "16": "date: Sat, 08 Aug 2026 10:26:31 GMT",
    "17": "content-type: text/html; charset=UTF-8",
    "18": "vary: Accept-Encoding",
    "19": "set-cookie: TDZwNtvlQBG=CtqVAbnkd; expires=Sun, 09-Aug-2026 10:26:30 GMT; Max-Age=86400; path=/; secure",
    "20": "set-cookie: RMyqowlu_-L=ATCHUMi1h_z3j%40a5; expires=Sun, 09-Aug-2026 10:26:30 GMT; Max-Age=86400; path=/; secure",
    "21": "set-cookie: HApgsVhfCGXwiRF=m18AvpD6; expires=Sun, 09-Aug-2026 10:26:30 GMT; Max-Age=86400; path=/; secure",
    "22": "set-cookie: Jcth_RBoVQEAL=_5uMXg7PSV; expires=Sun, 09-Aug-2026 10:26:30 GMT; Max-Age=86400; path=/; secure",
    "23": "x-ua-compatible: IE=edge",
    "24": "link: <https://www.doe.gov.my/wp-json/>; rel=\"https://api.w.org/\"",
    "25": "link: <https://www.doe.gov.my/wp-json/wp/v2/pages/478>; rel=\"alternate\"; title=\"JSON\"; type=\"application/json\"",
    "26": "link: <https://www.doe.gov.my/>; rel=shortlink",
    "27": "wpo-cache-status: not cached",
    "28": "wpo-cache-message: The request method was not GET (HEAD)"
}
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	404 0.005807 0.012135
TCP Connect IPv4 → port 443	301 0.005562 1.612710

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
```