IPv6 Readiness Report

ekonomi.gov.my — ekonomi.gov.my

Scan to verify

Category: Government • Generated: 02 Nov 2026, 03:05 MYT • Last Checked: 08 Aug 2026, 18:09 MYT • Verification ID: 463692ce-13ee-4b71-b022-5a53c7081456
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/463692ce-13ee-4b71-b022-5a53c7081456

✗
Non-Compliant
MGv6C-1.0

56%
No IPv6 Support

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

IPV4 ADDRESSES
150.242.180.132

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)	150.242.180.0/22

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%) 5 / 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**	FAIL	No DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	**A Record**	PASS	150.242.180.132
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 1097ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 1044ms TTFB.

Audit Trail & Evidence Record

Verification ID	463692ce-13ee-4b71-b022-5a53c7081456
Domain	ekonomi.gov.my
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:09:11 MYT
Finished	08 Aug 2026, 18:09:24 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/463692ce-13ee-4b71-b022-5a53c7081456

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	d2b45d1b1946713a8b9c97339198abc63dd0b108d28c7960e1f8400a314de141
http_headers	74699e7625d1dd450633f78336a7145941b902ac8f466ec0041f0841da3556a2
dns_responses	4a24493bf002e7486e2b5f4ca6907abcef5f2154ec0c8385c0bf71345bec4d19
tls_handshake	b6da1f0b46cd2218cb9dbfa31ceb1fd0941aec1a0906188c94804419b2258488
connectivity_log	dfd0559beea5b90ea0af56ce25fb39bfb1006f5a267851856c1b86d7930a7b30
dns_resolution_times	04c65bb6ca7bfe55eb9a9bb6f84fa029bc4114f7ae22fa982419fbebbf5c6931

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	12.52	21.49	13	21.9	+0.5
Google	IPv4	90.1	158.32	164.4	166.75	+74.3
Google	IPv6	164.6	165.77	164.78	165.13	+0.2
Cloudflare	IPv4	21.82	24.27	23.39	23.94	+1.6
Cloudflare	IPv6	20.56	21.29	22.48	45.8	+1.9

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 54373
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ekonomi.gov.my.□□300□IN□A□150.242.180.132
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 25907
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ekonomi.gov.my.□□58767□IN□DS□53594 8 2 8D136C7A2CCA3F6CB308837E75D7BC359EC81492E417A38A9E2E901C 1185E0A2
ekonomi.gov.my.□□58767□IN□DS□53594 8 1 97B00C0B57446C3087C7D28FB7C295C7DEC844A4
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 10591
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

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

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 49366
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

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

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 30092
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ekonomi.gov.my.□□3600□IN□TXT□"MS=ms32745073"
ekonomi.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"
ekonomi.gov.my.□□3600□IN□TXT□"google-site-verification=8gVbQSpwz7wm0vdxG3sNv9OaiDFkB5aseU9gEUFkVC0"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 39030
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
ekonomi.gov.my.□□3600□IN□SOA□dns1.gitn.net.my. planning.gitn.com.my. 2026080508 10800 3600 604800 38400
```

RRSIG

```
dns1.gitn.net.my. planning.gitn.com.my. 2026080508 10800 3600 604800 38400
```

```
SOA 8 3 3600 20260907100525 20260808090525 45291 ekonomi.gov.my. nkE0dyYjq5JqdgEaWDjwlSp+hyn93rmKEURCU7q0Ukp0H+RC0QJQ0iSy
EFgnPxdVBmMd0Kxk8T3KcjET2doSKscHO/PPbKfidSngUubD6kBjGGnT 7UhUZXcqPNn9ypa3G/5Zo5QlfURU3xisyb1PNppjQmT+uIqeyYsbufPR 2uE=
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 39687
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
ekonomi.gov.my.□□3598□IN□DNSKEY□256 3 8 AwEAAdqSeXNopTvxppQKkborvxhVvzaV6hfnoGQ7VasN44K+gOQ7p4im A7yF3htxbWYVTPIt4jbokx8PRJDzj/u+bm49c0hSbG+X6v7PxfGeA13m
nw8MlrVaouUT8lnD2JWHf9G/AqFZlTrr22WR9jMRpYxzN0CZOom4V1nw 9y96ObWb
ekonomi.gov.my.□□3598□IN□DNSKEY□257 3 8 AwEAAfr57pZZ+mirN5iAcTDJkn2xV+s2DHJ8abWGPzE6C5vHPuYmvz7C 8GqJIiXEodc+1d5JmkcBo2BuFMZAmbGLm9YOHrN3axBWP0zecR4PPP+W
9DBcjLQ2OU/y8xIiDJKosFl6t8AmwDh5RRt6yUK0jhZ/Lc8ZDBzymh2L 9YkJsIr786y1XL9vmOPGMow7AnzCR8g8yms01xw2CBRj4n+o+1b+99Ab
5QUBV2VgAy7bdg41VHFFlIE0AyZgo4PCGk1oHP6thPA9MPAiUnhiKTPe vQHKHUatxCzBVaaQeJvwPX5KU9ymRLyyFlXZgzAd4E4+Gip6OfLsSWol eUaIEO90R28=
```

DNSSEC_VALIDATION

```
; fully validated
ekonomi.gov.my.□□3598□IN□SOA□dns1.gitn.net.my. planning.gitn.com.my. 2026080508 10800 3600 604800 38400
ekonomi.gov.my.□□3598□IN□RRSIG□SOA 8 3 3600 20260907100525 20260808090525 45291 ekonomi.gov.my. nkE0dyYjq5JqdgEaWDjwlSp+hyn93rmKEURCU7q0Ukp0H+RC0QJQ0iSy
EFgnPxdVBmMd0Kxk8T3KcjET2doSKscHO/PPbKfidSngUubD6kBjGGnT 7UhUZXcqPNn9ypa3G/5Zo5QlfURU3xisyb1PNppjQmT+uIqeyYsbufPR 2uE=
```

TLS Handshake Evidence

IPV4 Connection

IP Used	150.242.180.132
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 = KEMENTERIAN EKONOMI, CN = *.ekonomi.gov.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = MY, ST = Putrajaya, L = Putrajaya, O = KEMENTERIAN EKONOMI, CN = *.ekonomi.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: Jul 31 08:16:02 2025 GMT; NotAfter: Sep  1 08:16:01 2026 GMT
-----BEGIN CERTIFICATE-----
MIIGoTCCBYmgAwIBAgIMBJxSmyC8mBWEjEwbMA0GCSqGSIb3DQEBCwUAMFAxCzAJ
BgNVBAYTAkJFMRkwFwYDVQQKExBHbG9iYWxTaWduIG52LXNhMSYwJAYDVQQDEx1H
bG9iYWxTaWduIFJTQSBPViBTU0wgQ0EgMjAxODAeFw0yNTA3MzEwODE2MDJaFw0y
NjA5MDEwODE2MDFaMG4xCzAJBgNVBAYTAk1ZMRIwEAYDVQQIEwlQdXRyYWpheWEx
EjAQBgNVBAcTCVB1dHJhamF5YTEcMBoGA1UEChMTS0VNRU5URVJJQU4gRUtPTk9N
STEZMBcGA1UEAwwQKi5la29ub21pLmdvdi5teTCCASIwDQYJKoZIhvcNAQEBBQAD
ggEPADCCAQoCggEBANfewtOkU9qCmL8UqW/vPRugVhWep7/0sE0BeZ99wFZY1a4R
apoq97ZWeAGMG8moPLCb9hty0DSPGwGwDmYcN7g3/GmEbgBn7gF4+FTCtlyIrQqo
KdtyJ50akwV+7wVKwBuPU74DHOfDxNfR0XOOcB1JazusTzNWDqfDE8KRCAN0RuQU
c4jssLh/srkdXQ0tldruBVEtkfq8V9TqLqS3kH6umOM3w3UsEoYaz0FUmU/Brdcg
sy0TuhQSYVlu9Y3i0+8u/LvdtzQIior7P/3X58XQXcFH5vmst9SEQK1xzVGrajMr
m9TzMCm0IX+f4kI9h86V4Uc0PM1GaX1wfcN0298CAwEAAaOCA1swggNXMA4GA1Ud
DwEB/wQEAwIFoDAMBgNVHRMBAf8EAjAAMIGOBggrBgEFBQcBAQSBgTB/MEQGCCsG
AQUFBzAChjhodHRwOi8vc2VjdXJlLmdsb2JhbHNpZ24uY29tL2NhY2VydC9nc3Jz
YW92c3NsY2EyMDE4LmNydDA3BggrBgEFBQcwAYYraHR0cDovL29jc3AuZ2xvYmFs
c2lnbi5jb20vZ3Nyc2FvdnNzbGNhMjAxODBWBgNVHSAETzBNMEEGCSsGAQQBoDIB
FDA0MDIGCCsGAQUFBwIBFiZodHRwczovL3d3dy5nbG9iYWxzaWduLmNvbS9yZXBv
c2l0b3J5LzAIBgZngQwBAgIwPwYDVR0fBDgwNjA0oDKgMIYuaHR0cDovL2NybC5n
bG9iYWxzaWduLmNvbS9nc3JzYW92c3NsY2EyMDE4LmNybDArBgNVHREEJDAighAq
LmVrb25vbWkuZ292Lm15gg5la29ub21pLmdvdi5teTAdBgNVHSUEFjAUBggrBgEF
BQcDAQYIKwYBBQUHAwIwHwYDVR0jBBgwFoAU+O9/8s14Z6jeb48kjYjxhwMCs+sw
HQYDVR0OBBYEFDYiNDra533shGkP/LoRPXyhOBTrMIIBfwYKKwYBBAHWeQIEAgSC
AW8EggFrAWkAdgCUTkOH+uzB74HzGSQmqBhlAcfTXzgCAT9yZ31VNy4Z2AAAAZhf
jYQ7AAAEAwBHMEUCIEtJMpJE7oxCRfoWYawAm4FMa0NdjdokSgNmC9eJuaN5AiEA
01at+fSEgX2sbFfOARqnhjbGIDoX3JZiLbNT67XiyNAAdwDLOPcViXyEoURfW8Hd
+8lu8ppZzUcKaQWFsMsUwxRY5wAAAZhfjYQ5AAAEAwBIMEYCIQDIFu8tWYqZy0Bn
eVHO3sVrCKYf5wVXThPs8igDQYMI3QIhAPrslb8BUmxP+xNIBCgj7/botaCtqV3O
NxLzVlNdhMPMAHYAwjF+V0UZo0XufzjespBB68fCIVoiv3/Vta12mtkOUs0AAAGY
X42ELwAABAMARzBFAiEAjN/pQ6hr9jrbJ39sxezyHcZtO6N6bFcLnGXDUNTZO34C
IDkm7CyW9YKLFR01BQTrw4dhqK8X5R7er0VqO5jECTY8MA0GCSqGSIb3DQEBCwUA
A4IBAQARhoTvtlp0lUXBxR0h6QFIl4ExwOBTmOsga1j61nQVRZvZRf+NK2yJr5Ai
g2+fcBORHgGDhXG4V+ubY55x0ZnDSqloZVzVZXa1BaVfM/uj70VYug4/Te4c3iXO
S5QilkeYIUcFQtqKrinwVtqDL6U2eprhaTizOAmWwks1dP01bfGJcQ686E0Hix86
07hW1MWobiNXRKW/l4ih8DwP+IRPLHlb7U/mNlVaoPIAl/ak4w6nNO6sACx6R50v
HxNw2FFjO/vXYuS07SOkS0vKU3a6EIoupE1acwqHMk3P70W1HMczZJlclKxHS0TW
lz4uBGpiLBbyF4OIJ+om0EzbAPCp
-----END CERTIFICATE-----
 1 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
abOlIFkJXinDY+YuRluqlJBJDrnw9UqhCS98NE3QvADFBlV5Bs6i0BDxSEPouVq1
lVW9MdIbPYa+oewNEtssmSStR8JvA+Z6cLVwzM0nLKWMjsIYPJLJLnNvBhBWk0Cq
o8VS++XFBdZpaFwGue5RieGKDkFNm5KQConpFmvv73W+eka440eKHRwup08CAwEA
AaOCASkwggElMA4GA1UdDwEB/wQEAwIBhjASBgNVHRMBAf8ECDAGAQH/AgEAMB0G
A1UdDgQWBBT473/yzXhnqN5vjySNiPGHAwKz6zAfBgNVHSMEGDAWgBSP8Et/qC5F
JK5NUPpjmove4t0bvDA+BggrBgEFBQcBAQQyMDAwLgYIKwYBBQUHMAGGImh0dHA6
Ly9vY3NwMi5nbG9iYWxzaWduLmNvbS9yb290cjMwNgYDVR0fBC8wLTAroCmgJ4Yl
aHR0cDovL2NybC5nbG9iYWxzaWduLmNvbS9yb290LXIzLmNybDBHBgNVHSAEQDA+
MDwGBFUdIAAwNDAyBggrBgEFBQcCARYmaHR0cHM6Ly93d3cuZ2xvYmFsc2lnbi5j
```

```
b20vcmVwb3NpdG9yeS8wDQYJKoZIhvcNAQELBQADggEBAJmQyC1fQorUC2bbmANz
EdSIhlIoU4r7rd/9c446ZwTbw1MUcBQJfMPg+NccmBqixD7b6QDjynCy8SIwIVbb
0615XoFYC20UgDX1b10d65pHBf9ZjQCxQNqQmJYaumxtf4z1s4DfjGRzNpZ5eWl0
6r/4ngGPoJVpjemEuunl1Ig423g7mNA2eymw0lIYkN5SQwCuaifIFJ6GlazhgDEw
fpolu4usBCOmmQDo8dIm7A9+O4orkjgTHY+GzYZSR+Y0fFukAj6KYXwidlNalFMz
hriSqHKvoflShx8xpfywgVcvzfTO3PYkz6fiNJBonf6q8amaEsybwMbDqKWwIX7e
SPY=
-----END CERTIFICATE-----
---
Server certificate
subject=C = MY, ST = Putrajaya, L = Putrajaya, O = KEMENTERIAN EKONOMI, CN = *.ekonomi.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 3368 bytes and written 396 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_256_GCM_SHA384
Server public key is 2048 bit
Secure Renegotiation IS NOT supported
Compression: NONE
Expansion: NONE
No ALPN negotiated
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	150.242.180.132
Connect Time	17.93 ms
TTFB	1129.58 ms
Total Time	1129.79 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Content-Type: text/html",
    "2": "Content-length: 0",
    "3": "Connection: Close",
    "4": "Location: https://ekonomi.gov.my:443/",
    "6": "HTTP/2 301",
    "7": "date: Sun, 19 Jul 2026 12:01:54 GMT",
    "8": "x-drupal-route-normalizer: 1",
    "9": "x-ua-compatible: IE=edge",
    "10": "content-language: ms",
    "11": "x-content-type-options: nosniff",
    "12": "x-frame-options: SAMEORIGIN",
    "13": "x-drupal-cache-tags: config:user.role.anonymous http_response",
    "14": "x-drupal-cache-contexts: user.permissions",
    "15": "x-drupal-cache-max-age: -1 (Permanent)",
    "16": "content-security-policy: default-src 'self' 'unsafe-inline'; child-src 'self'; connect-src 'self' *.google-analytics.com splask-analytics.mampu.gov.my;
font-src 'self' cdn.jsdelivr.net fonts.gstatic.com fonts.googleapis.com cdn.printfriendly.com; frame-src 'self' *.facebook.com *.twitter.com *.youtube.com
*.google.com; img-src 'self' *.google-analytics.com *.twimg.com *.twitter.com cdn.printfriendly.com data: splask-analytics.mampu.gov.my; manifest-src 'self'; media-
src 'self'; object-src 'none'; script-src 'self' 'unsafe-inline' cdn.printfriendly.com *.googletagmanager.com static.addtoany.com cdn.jsdelivr.net *.google-
analytics.com key-cdn.printfriendly.com platform.twitter.com ton.twimg.com cdn.syndication.twimg.com splask-analytics.mampu.gov.my https://cdn.jsdelivr.net
https://static.addtoany.com https://unpkg.com; style-src 'self' 'unsafe-inline' cdn.jsdelivr.net fonts.googleapis.com *.twitter.com ton.twimg.com
https://cdn.jsdelivr.net https://unpkg.com; base-uri 'self'; form-action 'self' syndication.twitter.com; frame-ancestors 'self'; upgrade-insecure-requests",
    "17": "x-xss-protection: 1",
    "18": "strict-transport-security: max-age=31536000; includeSubDomains",
    "19": "from-origin: same",
    "20": "referrer-policy: no-referrer-when-downgrade",
    "21": "x-drupal-cache: HIT",
    "22": "location: https://ekonomi.gov.my/ms",
    "23": "content-type: text/html; charset=UTF-8",
    "24": "x-frame-options: SAMEORIGIN",
    "25": "strict-transport-security: max-age=1701134336; includeSubDomains",
    "27": "HTTP/2 200",
    "28": "date: Sat, 08 Aug 2026 10:09:21 GMT",
    "29": "cache-control: must-revalidate, no-cache, private",
    "30": "x-drupal-dynamic-cache: MISS",
    "31": "x-ua-compatible: IE=edge",
    "32": "content-language: ms",
    "33": "x-content-type-options: nosniff",
    "34": "x-frame-options: SAMEORIGIN",
    "35": "x-drupal-cache-tags: block_content:1 block_content:13 block_content:14 block_content:16 block_content:17 block_content:18 block_content:19 block_content:2
block_content:20 block_content:21 block_content:22 block_content:23 block_content:24 block_content:25 block_content:3 block_content:4 block_content:5 block_content:6
block_content:7 block_content:8 block_content:9 block_content_view block_view config:block.block.addtoanybuttons config:block.block.agensi
config:block.block.alamatlokasibahagiandiblokb5 config:block.block.alamatlokasibahagiandiblokb6 config:block.block.clearfix config:block.block.dataekonomi
config:block.block.dropdownlanguage config:block.block.exposedformcarianpage_1 config:block.block.exposedformcarianpage_1_2 config:block.block.floatingmediasocial
config:block.block.footer config:block.block.galerigambar config:block.block.introarkib config:block.block.introkenyataanmedia config:block.block.introkeratanakhbar
config:block.block.intromeif config:block.block.intropekeliling config:block.block.intropendapatankemiskinianisirumah config:block.block.intropenerbitan
config:block.block.intropetunjukekonomiterkini config:block.block.introringkasan config:block.block.introsuratpekelilingedaran config:block.block.jeniskandungan
config:block.block.jeniskandungan_2 config:block.block.language config:block.block.logo config:block.block.mainbanner config:block.block.mainnavigation
config:block.block.mainnavigation_10 config:block.block.mainnavigation_11 config:block.block.mainnavigation_12 config:block.block.mainnavigation_2
config:block.block.mainnavigation_3 config:block.block.mainnavigation_4 config:block.block.mainnavigation_5 config:block.block.mainnavigation_6
config:block.block.mainnavigation_7 config:block.block.mainnavigation_8 config:block.block.mainnavigation_9 config:block.block.mea_account_menu
config:block.block.mea_branding config:block.block.mea_breadcrumbs config:block.block.mea_content config:block.block.mea_footer config:block.block.mea_help
config:block.block.mea_local_actions config:block.block.mea_local_tasks config:block.block.mea_main_menu config:block.block.mea_messages
config:block.block.mea_page_title config:block.block.mea_powered config:block.block.mea_tools config:block.block.pengumuman config:block.block.perancanganterdahulu
config:block.block.poll1 config:block.block.popularcontent config:block.block.popupvideo config:block.block.print config:block.block.printfriendly
config:block.block.simplenewssubscription config:block.block.simplenewssubscription_2 config:block.block.sitemap config:block.block.soalanlazim
config:block.block.splwpksearchtag config:block.block.top config:block.block.video config:block.block.views_block__carian_block_1
config:block.block.views_block__total_page_view_block_1 config:block_list config:configurable_language_list config:entityqueue.entity_queue.agensi
config:entityqueue.entity_queue.main_banner config:entityqueue.entity_queue.video config:field.storage.node.field_banner_image
config:field.storage.node.field_banner_link config:field.storage.node.field_category config:field.storage.node.field_date
config:field.storage.node.field_external_link config:field.storage.node.field_file config:field.storage.node.field_foto config:field.storage.node.field_image
config:field.storage.node.field_pautan config:field.storage.node.field_tarikh_aktiviti config:filter.format.basic_html config:filter.format.full_html
config:google_analytics.settings config:image.style.flexslider_thumbnail config:image.style.max_1300x1300 config:image.style.max_2600x2600
config:image.style.max_325x325 config:image.style.max_650x650 config:lazy.settings config:responsive_image.styles.wide config:system.menu.main config:system.site
```

config:user.role.anonymous config:views.view.agensi config:views.view.aktiviti config:views.view.frontpage config:views.view.galeri_gambar config:views.view.kemaskini_terakhir config:views.view.main_banner config:views.view.pengumuman config:views.view.popular_content config:views.view.tender_dan_sebutharga config:views.view.video entity_field_info entity_subqueue:agensi entity_subqueue:main_banner entity_subqueue:video entity_subqueue_list file:1 file:10406 file:10411 file:10412 file:10414 file:10796 file:10797 file:10798 file:10799 file:15004 file:15313 file:15614 file:17351 file:18056 file:1848 file:1849 file:1850 file:18583 file:18621 file:18622 file:18623 file:18654 file:18662 file:18730 file:2317 file:2318 file:2319 file:2320 file:2321 file:2370 file:3536 file:3537 file:3543 file:3590 file:3645 file:4199 file:4201 file:4202 file:4218 file:4224 file:4276 file:4279 file:4280 file:4550 file:4551 file:4584 file:4912 file:4913 file:4914 file:4915 file:4916 file:7285 file:7690 file:7942 file:875 file:876 file:877 file:878 file:879 file:880 file:884 file:885 file:886 file:887 file:888 file:893 file:894 file:8987 file:8990 file:8991 file:8994 file:8995 file:9112 file:9114 file:9115 file:9981 http_response insert_view local_task node:1263 node:1266 node:1267 node:1268 node:139 node:14 node:141 node:1590 node:160 node:1620 node:1621 node:1622 node:1623 node:1624 node:1647 node:180 node:193 node:1935 node:1956 node:1959 node:1962 node:1980 node:2107 node:2108 node:2109 node:2113 node:2114 node:2127 node:2128 node:2129 node:2173 node:2174 node:2181 node:2305 node:2306 node:2307 node:2308 node:2309 node:3455 node:3678 node:3830 node:4411 node:4430 node:4432 node:4433 node:4434 node:4435 node:4436 node:4515 node:4516 node:4517 node:4518 node:4523 node:4524 node:4525 node:48 node:5108 node:54 node:55 node:60 node:61 node:62 node:63 node:64 node:65 node:66 node:67 node:68 node:69 node:71 node:72 node:73 node:733 node:74 node:7666 node:7709 node:7840 node:8116 node:8150 node:8420 node:8498 node:8499 node:8500 node:8501 node:8610 node:8632 node:8645 node:8646 node:8647 node:8656 node:8683 node_list poll:1 poll_view rendered views_data we_mega_menu.block.main",
    "36": "x-drupal-cache-contexts: cookies:big_pipe_nojs languages:language_content languages:language_interface languages:language_url route session.exists theme timezone url user",
    "37": "x-drupal-cache-max-age: 0 (Uncacheable)",
    "38": "expires: Sun, 19 Nov 1978 05:00:00 GMT",
    "39": "content-security-policy: default-src 'self' 'unsafe-inline'; child-src 'self'; connect-src 'self' *.google-analytics.com splask-analytics.mampu.gov.my; font-src 'self' cdn.jsdelivr.net fonts.gstatic.com fonts.googleapis.com cdn.printfriendly.com; frame-src 'self' *.facebook.com *.twitter.com *.youtube.com *.google.com; img-src 'self' *.google-analytics.com *.twimg.com *.twitter.com cdn.printfriendly.com data: splask-analytics.mampu.gov.my; manifest-src 'self'; media-src 'self'; object-src 'none'; script-src 'self' 'unsafe-inline' cdn.printfriendly.com *.googletagmanager.com static.addtoany.com cdn.jsdelivr.net *.google-analytics.com key-cdn.printfriendly.com platform.twitter.com ton.twimg.com cdn.syndication.twimg.com splask-analytics.mampu.gov.my https://cdn.jsdelivr.net https://static.addtoany.com https://unpkg.com; style-src 'self' 'unsafe-inline' cdn.jsdelivr.net fonts.googleapis.com *.twitter.com ton.twimg.com https://cdn.jsdelivr.net https://unpkg.com; base-uri 'self'; form-action 'self' syndication.twitter.com; frame-ancestors 'self'; upgrade-insecure-requests",
    "40": "x-xss-protection: 1",
    "41": "strict-transport-security: max-age=31536000; includeSubDomains",
    "42": "from-origin: same",
    "43": "referrer-policy: no-referrer-when-downgrade",
    "44": "content-type: text/html; charset=UTF-8",
    "45": "x-frame-options: SAMEORIGIN",
    "46": "strict-transport-security: max-age=1701134336; includeSubDomains"
}

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	150.242.180.132
Connect Time	7.59 ms
TTFB	1054.69 ms
Total Time	1054.79 ms

Response Headers:

{
    "0": "HTTP/2 301",
    "1": "date: Sun, 19 Jul 2026 12:01:54 GMT",
    "2": "x-drupal-route-normalizer: 1",
    "3": "x-ua-compatible: IE=edge",
    "4": "content-language: ms",
    "5": "x-content-type-options: nosniff",
    "6": "x-frame-options: SAMEORIGIN",
    "7": "x-drupal-cache-tags: config:user.role.anonymous http_response",
    "8": "x-drupal-cache-contexts: user.permissions",
    "9": "x-drupal-cache-max-age: -1 (Permanent)",
    "10": "content-security-policy: default-src 'self' 'unsafe-inline'; child-src 'self'; connect-src 'self' *.google-analytics.com splask-analytics.mampu.gov.my; font-src 'self' cdn.jsdelivr.net fonts.gstatic.com fonts.googleapis.com cdn.printfriendly.com; frame-src 'self' *.facebook.com *.twitter.com *.youtube.com *.google.com; img-src 'self' *.google-analytics.com *.twimg.com *.twitter.com cdn.printfriendly.com data: splask-analytics.mampu.gov.my; manifest-src 'self'; media-src 'self'; object-src 'none'; script-src 'self' 'unsafe-inline' cdn.printfriendly.com *.googletagmanager.com static.addtoany.com cdn.jsdelivr.net *.google-analytics.com key-cdn.printfriendly.com platform.twitter.com ton.twimg.com cdn.syndication.twimg.com splask-analytics.mampu.gov.my https://cdn.jsdelivr.net https://static.addtoany.com https://unpkg.com; style-src 'self' 'unsafe-inline' cdn.jsdelivr.net fonts.googleapis.com *.twitter.com ton.twimg.com https://cdn.jsdelivr.net https://unpkg.com; base-uri 'self'; form-action 'self' syndication.twitter.com; frame-ancestors 'self'; upgrade-insecure-requests",
    "11": "x-xss-protection: 1",
    "12": "strict-transport-security: max-age=31536000; includeSubDomains",
    "13": "from-origin: same",
    "14": "referrer-policy: no-referrer-when-downgrade",
    "15": "x-drupal-cache: HIT",
    "16": "location: https://ekonomi.gov.my/ms",
    "17": "content-type: text/html; charset=UTF-8",
    "18": "x-frame-options: SAMEORIGIN",
    "19": "strict-transport-security: max-age=1701134336; includeSubDomains",
    "21": "HTTP/2 200",
    "22": "date: Sat, 08 Aug 2026 10:09:22 GMT",
    "23": "cache-control: must-revalidate, no-cache, private",
    "24": "x-drupal-dynamic-cache: MISS",
    "25": "x-ua-compatible: IE=edge",
    "26": "content-language: ms",

```
    "27": "x-content-type-options: nosniff",
    "28": "x-frame-options: SAMEORIGIN",
    "29": "x-drupal-cache-tags: block_content:1 block_content:13 block_content:14 block_content:16 block_content:17 block_content:18 block_content:19 block_content:2
block_content:20 block_content:21 block_content:22 block_content:23 block_content:24 block_content:25 block_content:3 block_content:4 block_content:5 block_content:6
block_content:7 block_content:8 block_content:9 block_content_view block_view config:block.block.addtoanybuttons config:block.block.agensi
config:block.block.alamatlokasibahagiandiblokb5 config:block.block.alamatlokasibahagiandiblokb6 config:block.block.clearfix config:block.block.dataekonomi
config:block.block.dropdownlanguage config:block.block.exposedformcarianpage_1 config:block.block.exposedformcarianpage_1_2 config:block.block.floatingmediasocial
config:block.block.footer config:block.block.galerigambar config:block.block.introarkib config:block.block.introkenyataanmedia config:block.block.introkeratanakhbar
config:block.block.intromeif config:block.block.intropekeliling config:block.block.intropendapatankemiskinianisirumah config:block.block.intropenerbitan
config:block.block.intropetunjukekonomiterkini config:block.block.introringkasan config:block.block.introsuratpekelilingedaran config:block.block.jeniskandungan
config:block.block.jeniskandungan_2 config:block.block.language config:block.block.logo config:block.block.mainbanner config:block.block.mainnavigation
config:block.block.mainnavigation_10 config:block.block.mainnavigation_11 config:block.block.mainnavigation_12 config:block.block.mainnavigation_2
config:block.block.mainnavigation_3 config:block.block.mainnavigation_4 config:block.block.mainnavigation_5 config:block.block.mainnavigation_6
config:block.block.mainnavigation_7 config:block.block.mainnavigation_8 config:block.block.mainnavigation_9 config:block.block.mea_account_menu
config:block.block.mea_branding config:block.block.mea_breadcrumbs config:block.block.mea_content config:block.block.mea_footer config:block.block.mea_help
config:block.block.mea_local_actions config:block.block.mea_local_tasks config:block.block.mea_main_menu config:block.block.mea_messages
config:block.block.mea_page_title config:block.block.mea_powered config:block.block.mea_tools config:block.block.pengumuman config:block.block.perancanganterdahulu
config:block.block.poll1 config:block.block.popularcontent config:block.block.popupvideo config:block.block.print config:block.block.printfriendly
config:block.block.simplenewssubscription config:block.block.simplenewssubscription_2 config:block.block.sitemap config:block.block.soalanlazim
config:block.block.splwpksearchtag config:block.block.top config:block.block.video config:block.block.views_block__carian_block_1
config:block.block.views_block__total_page_view_block_1 config:block_list config:configurable_language_list config:entityqueue.entity_queue.agensi
config:entityqueue.entity_queue.main_banner config:entityqueue.entity_queue.video config:field.storage.node.field_banner_image
config:field.storage.node.field_banner_link config:field.storage.node.field_category config:field.storage.node.field_date
config:field.storage.node.field_external_link config:field.storage.node.field_file config:field.storage.node.field_foto config:field.storage.node.field_image
config:field.storage.node.field_pautan config:field.storage.node.field_tarikh_aktiviti config:filter.format.basic_html config:filter.format.full_html
config:google_analytics.settings config:image.style.flexslider_thumbnail config:image.style.max_1300x1300 config:image.style.max_2600x2600
config:image.style.max_325x325 config:image.style.max_650x650 config:lazy.settings config:responsive_image.styles.wide config:system.menu.main config:system.site
config:user.role.anonymous config:views.view.agensi config:views.view.aktiviti config:views.view.frontpage config:views.view.galeri_gambar
config:views.view.kemaskini_terakhir config:views.view.main_banner config:views.view.pengumuman config:views.view.popular_content
config:views.view.tender_dan_sebutharga config:views.view.video entity_field_info entity_subqueue:agensi entity_subqueue:main_banner entity_subqueue:video
entity_subqueue_list file:1 file:10406 file:10411 file:10412 file:10414 file:10796 file:10797 file:10798 file:10799 file:15004 file:15313 file:15614 file:17351
file:18056 file:1848 file:1849 file:1850 file:18583 file:18621 file:18622 file:18623 file:18654 file:18662 file:18730 file:2317 file:2318 file:2319 file:2320
file:2321 file:2370 file:3536 file:3537 file:3543 file:3590 file:3645 file:4199 file:4201 file:4202 file:4218 file:4224 file:4276 file:4279 file:4280 file:4550
file:4551 file:4584 file:4912 file:4913 file:4914 file:4915 file:4916 file:7285 file:7690 file:7942 file:875 file:876 file:877 file:878 file:879 file:880 file:884
file:885 file:886 file:887 file:888 file:893 file:894 file:8987 file:8990 file:8991 file:8994 file:8995 file:9112 file:9114 file:9115 file:9981 http_response
insert_view local_task node:1263 node:1266 node:1267 node:1268 node:139 node:14 node:141 node:1590 node:160 node:1620 node:1621 node:1622 node:1623 node:1624
node:1647 node:180 node:193 node:1935 node:1956 node:1959 node:1962 node:1980 node:2107 node:2108 node:2109 node:2113 node:2114 node:2127 node:2128 node:2129
node:2173 node:2174 node:2181 node:2305 node:2306 node:2307 node:2308 node:2309 node:3455 node:3678 node:3830 node:4411 node:4430 node:4432 node:4433 node:4434
node:4435 node:4436 node:4515 node:4516 node:4517 node:4518 node:4523 node:4524 node:4525 node:48 node:5108 node:54 node:55 node:60 node:61 node:62 node:63 node:64
node:65 node:66 node:67 node:68 node:69 node:71 node:72 node:73 node:733 node:74 node:7666 node:7709 node:7840 node:8116 node:8150 node:8420 node:8498 node:8499
node:8500 node:8501 node:8610 node:8632 node:8645 node:8646 node:8647 node:8656 node:8683 node_list poll:1 poll_view rendered views_data we_mega_menu.block.main",
    "30": "x-drupal-cache-contexts: cookies:big_pipe_nojs languages:language_content languages:language_interface languages:language_url route session.exists theme
timezone url user",
    "31": "x-drupal-cache-max-age: 0 (Uncacheable)",
    "32": "expires: Sun, 19 Nov 1978 05:00:00 GMT",
    "33": "content-security-policy: default-src 'self' 'unsafe-inline'; child-src 'self'; connect-src 'self' *.google-analytics.com splask-analytics.mampu.gov.my;
font-src 'self' cdn.jsdelivr.net fonts.gstatic.com fonts.googleapis.com cdn.printfriendly.com; frame-src 'self' *.facebook.com *.twitter.com *.youtube.com
*.google.com; img-src 'self' *.google-analytics.com *.twimg.com *.twitter.com cdn.printfriendly.com data: splask-analytics.mampu.gov.my; manifest-src 'self'; media-
src 'self'; object-src 'none'; script-src 'self' 'unsafe-inline' cdn.printfriendly.com *.googletagmanager.com static.addtoany.com cdn.jsdelivr.net *.google-
analytics.com key-cdn.printfriendly.com platform.twitter.com ton.twimg.com cdn.syndication.twimg.com splask-analytics.mampu.gov.my https://cdn.jsdelivr.net
https://static.addtoany.com https://unpkg.com; style-src 'self' 'unsafe-inline' cdn.jsdelivr.net fonts.googleapis.com *.twitter.com ton.twimg.com
https://cdn.jsdelivr.net https://unpkg.com; base-uri 'self'; form-action 'self' syndication.twitter.com; frame-ancestors 'self'; upgrade-insecure-requests",
    "34": "x-xss-protection: 1",
    "35": "strict-transport-security: max-age=31536000; includeSubDomains",
    "36": "from-origin: same",
    "37": "referrer-policy: no-referrer-when-downgrade",
    "38": "content-type: text/html; charset=UTF-8",
    "39": "x-frame-options: SAMEORIGIN",
    "40": "strict-transport-security: max-age=1701134336; includeSubDomains"
}
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.008157 0.019802
TCP Connect IPv4 → port 443	301 0.008427 0.061260

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
```