IPv6 Readiness Report

jkr.gov.my — jkr.gov.my

Scan to verify

Category: Government • Generated: 02 Nov 2026, 03:07 MYT • Last Checked: 08 Aug 2026, 18:12 MYT • Verification ID: ec5ccd89-a15a-4758-bcb7-e666658c8f92
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/ec5ccd89-a15a-4758-bcb7-e666658c8f92

✗
Non-Compliant
MGv6C-1.0

55%
No IPv6 Support

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

IPV4 ADDRESSES
110.159.246.128

Network Information (WHOIS / RDAP)

	IPv4 Network
Organization	UNIFI-HOME
Country	MY
ASN	AS4788
ASN Name	TTSSB-MY - TM TECHNOLOGY SERVICES SDN. BHD., MY
Network (CIDR)	110.159.224.0/19

Web Services (35%) — 0 / 8

#	CHECK	RESULT	DETAIL
1	**AAAA Record**	FAIL	No AAAA record found in DNS.
2	**Globally Routable IPv6**	FAIL	IPv6 address is not globally routable.
3	**HTTP over IPv6**	FAIL	HTTP is not accessible over IPv6.
4	**HTTPS over IPv6**	FAIL	HTTPS is not accessible over IPv6.
5	**IPv6-Only Reachability**	FAIL	Site is not reachable when limited to IPv6-only.
6	**TLS Certificate Valid (IPv6)**	FAIL	TLS certificate is invalid, expired, or hostname mismatch over IPv6.
7	**Dual-Stack (IPv4 + IPv6)**	FAIL	Domain is IPv6-only or IPv4-only.
8	**HTTP/3 (QUIC)**	FAIL	No HTTP/3 support detected.

DNS & DNSSEC (25%) — 3 / 5

#	CHECK	RESULT	DETAIL
1	**NS Has AAAA Record**	PASS	Nameserver has IPv6 address.
2	**NS Reachable via IPv6**	PASS	Nameserver is reachable via IPv6 on port 53.
3	**NS Answers Queries via IPv6**	FAIL	Nameserver does not answer queries 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	110.159.246.128
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 169ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 132ms TTFB.

Audit Trail & Evidence Record

Verification ID	ec5ccd89-a15a-4758-bcb7-e666658c8f92
Domain	jkr.gov.my
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:12:19 MYT
Finished	08 Aug 2026, 18:12:29 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/ec5ccd89-a15a-4758-bcb7-e666658c8f92

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	e0556f5548b879d12c35692ce397985d0267f10c885782729e3011f2fe2cccc0
http_headers	2c06525e09dc1002641eff3bd6bed609528c9ad3f422f7de70a01786ad424b16
dns_responses	dcb73f054da299c3c749e38f0b17202116df67cf9687b36c9e0f17b0a6c9112c
tls_handshake	0fb239a417f62cbaf38b1c02e7def56e8ae6e79a242bad1353b0727d27b20bb7
connectivity_log	f2dad1680bb0b974401cad8be82e53c9934a220ec6517fc9d51d47fbb2a910a6
dns_resolution_times	e4f70b04482f540a45ecfaedad0d908203dc3946405b9a3ac3449e35ac512af4

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	20.44	26.7	28.41	29.75	+8
Google	IPv4	42.95	155.39	41.3	41.54	-1.7
Google	IPv6	157.11	159.52	159.57	160.97	+2.5
Cloudflare	IPv4	22.36	23.67	24.73	24.83	+2.4
Cloudflare	IPv6	50.84	52.51	12.4	52.02	-38.4

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 58594
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
jkr.gov.my.□□3600□IN□SOA□dns1.gitn.net.my. root.dns1.gitn.net.my. 2026072389 10800 3600 604800 38400
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 15944
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
jkr.gov.my.□□58920□IN□DS□2659 8 1 BE99807727680BEDF8E961BDAAC63FA636B05F8B
jkr.gov.my.□□58920□IN□DS□2659 8 2 FA88967F6D85DAAE9AD4B189D8DB0589984D97D71AE8D84643A341CE 2E7157CE
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 57100
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

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

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 34835
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

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

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 7330
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
jkr.gov.my.□□300□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"
jkr.gov.my.□□300□IN□TXT□"google-site-verification=wOksh9JJJvb29QibWd6Lar3OXWLjwq-5cLeNaBZikB8"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 14683
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
jkr.gov.my.□□3599□IN□SOA□dns1.gitn.net.my. root.dns1.gitn.net.my. 2026072389 10800 3600 604800 38400
```

RRSIG

```
dns1.gitn.net.my. root.dns1.gitn.net.my. 2026072389 10800 3600 604800 38400
```

```
SOA 8 3 3600 20260907043727 20260808033727 46011 jkr.gov.my. OeaLueACmp+ry3vXPcbICJBI8q2O2cZPmPrrLO5vvTApTnZ9lO1ix0OI
NHrteez0OkK+Oz0vMEVlOd9Se95nFO9xxICkjLYNFY2UWqPWSyXN1Udu 9nlINi4KXxmYJF0zGl5AbFXUYMSMsL6hhO+/TKIyEWRyDLw2YkCA5DJ4 kWQ=
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 4588
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
jkr.gov.my.□□3599□IN□DNSKEY□256 3 8 AwEAAbYBROs1yKA1pbFmf8xdCmCgwfi4KCbWXf2vYn3y8agZhWL74dl1 VK0Dp4uR1tsz/sDXl/8h/w43Z9oz0Pgy2HPpyrDyToMmZ66PuH7ZU+T9
zhDJR16U4dOrl8xGVSpEcNd0RcXDOR3mP9gxQyyeZy/3sWQ1K3M1nxT0 0NjIe5n/
jkr.gov.my.□□3599□IN□DNSKEY□257 3 8 AwEAAbqwEkHNxd9uZ7p04NZUWLQA1UqkdPaA2yua+8p+q7FP9RhiRwrj PqlO1BeI5u882ZxXhFicMCTdgkhGMEJ66O37CfeF3u1o7mePIXgodBUT
+Y0ZeElBf0TTwP8z1JKR2dCgh/pnGMHCpL1H6NrF1F0bM2A2H4Sft3uM gjt6sRwwihkrKEfsGyhHVvdgQj+pxbUUKqnIcu8mql6xtmWd5prHVoOU
VcHuG3BfrDOu8Mu987H00CY4Rv13gW5usaS5VJskhzuNxq6s8OSBmuaT LyGLmsk/k9TFPW7WGLmP4EQQOsNuy+k0RMKldQomKCpv6lSTMbjnJhzV WfzVyYSIRBU=
```

DNSSEC_VALIDATION

```
; fully validated
jkr.gov.my.□□3599□IN□SOA□dns1.gitn.net.my. root.dns1.gitn.net.my. 2026072389 10800 3600 604800 38400
jkr.gov.my.□□3599□IN□RRSIG□SOA 8 3 3600 20260907043727 20260808033727 46011 jkr.gov.my. OeaLueACmp+ry3vXPcbICJBI8q2O2cZPmPrrLO5vvTApTnZ9lO1ix0OI
NHrteez0OkK+Oz0vMEVlOd9Se95nFO9xxICkjLYNFY2UWqPWSyXN1Udu 9nlINi4KXxmYJF0zGl5AbFXUYMSMsL6hhO+/TKIyEWRyDLw2YkCA5DJ4 kWQ=
```

TLS Handshake Evidence

IPV4 Connection

IP Used	110.159.246.128
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 = Kuala Lumpur, L = Kuala Lumpur, O = Jabatan Kerja Raya, CN = *.jkr.gov.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = MY, ST = Kuala Lumpur, L = Kuala Lumpur, O = Jabatan Kerja Raya, CN = *.jkr.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 20 01:27:46 2025 GMT; NotAfter: Sep 21 01:27:45 2026 GMT
-----BEGIN CERTIFICATE-----
MIIGmTCCBYGgAwIBAgIMQObCbTq1Ebfo/BnmMA0GCSqGSIb3DQEBCwUAMFAxCzAJ
BgNVBAYTAkJFMRkwFwYDVQQKExBHbG9iYWxTaWduIG52LXNhMSYwJAYDVQQDEx1H
bG9iYWxTaWduIFJTQSBPViBTU0wgQ0EgMjAxODAeFw0yNTA4MjAwMTI3NDZaFw0y
NjA5MjEwMTI3NDVaMG8xCzAJBgNVBAYTAk1ZMRUwEwYDVQQIEwxLdWFsYSBMdW1w
dXIxFTATBgNVBAcTDEt1YWxhIEx1bXB1cjEbMBkGA1UEChMSSmFiYXRhbiBLZXJq
YSBSYXlhMRUwEwYDVQQDDAwqLmprci5nb3YubXkwggEiMA0GCSqGSIb3DQEBAQUA
A4IBDwAwggEKAoIBAQDE50kr7DaW209iaNacmruecm9i+RKZYhRvjA9dPm8wDKq9
RT3z0fUwz9nbeSBluggL55aFdtc8xdnem9BbZ1fLsSQ9RFHU0QyKjfD9doX/blP+
6i5dkNIM/mkqkpgoQeBowSnDRJEWVs5CZv8+NffHeurojBfiT74pZFA2WA60Tevj
uRrJMn8rs6DsvZ4QEvFlEWmQfZyPouNGQKkJydU3BvpSL1R+tGWNshb7cDt09BaS
xD7RivcgrNNkMxQpKB8nN0L/dJ8BEKmLngIjfrI3bGKJPIw1sB8I4Pkk3nmEdmr1
pv/EBndVm5PX+YaKiOhFHIkBru03UIHea0F5qR+tAgMBAAGjggNSMIIDTjAOBgNV
HQ8BAf8EBAMCBaAwDAYDVR0TAQH/BAIwADCBjgYIKwYBBQUHAQEEgYEwfzBEBggr
BgEFBQcwAoY4aHR0cDovL3NlY3VyZS5nbG9iYWxzaWduLmNvbS9jYWNlcnQvZ3Ny
c2FvdnNzbGNhMjAxOC5jcnQwNwYIKwYBBQUHMAGGK2h0dHA6Ly9vY3NwLmdsb2Jh
bHNpZ24uY29tL2dzcnNhb3Zzc2xjYTIwMTgwVgYDVR0gBE8wTTBBBgkrBgEEAaAy
ARQwNDAyBggrBgEFBQcCARYmaHR0cHM6Ly93d3cuZ2xvYmFsc2lnbi5jb20vcmVw
b3NpdG9yeS8wCAYGZ4EMAQICMD8GA1UdHwQ4MDYwNKAyoDCGLmh0dHA6Ly9jcmwu
Z2xvYmFsc2lnbi5jb20vZ3Nyc2FvdnNzbGNhMjAxOC5jcmwwIwYDVR0RBBwwGoIM
Ki5qa3IuZ292Lm15ggpqa3IuZ292Lm15MB0GA1UdJQQWMBQGCCsGAQUFBwMBBggr
BgEFBQcDAjAfBgNVHSMEGDAWgBT473/yzXhnqN5vjySNiPGHAwKz6zAdBgNVHQ4E
FgQUhXLeX1A3PQHvAYHjHm/0ULZuvcYwggF+BgorBgEEAdZ5AgQCBIIBbgSCAWoB
aAB3AJROQ4f67MHvgfMZJCaoGGUBx9NfOAIBP3JnfVU3LhnYAAABmMUW7j8AAAQD
AEgwRgIhANozQM52lA6u8e9okuJQMdIkYy+g74aOKWgLeouN0JL3AiEA/sS5xf+0
mWiXMEopfyP7BM41R7sD9rb4diWCw3UeIuYAdgCsqzBwbOvshDH0E9L0kV8RHkIk
Q7HypoxPPCs7px4CwwAAAZjFFu41AAAEAwBHMEUCIQC0ZaMeb3hh8NwsskX0pCaU
pOIGWshsEl0+xftBcq9XNAIgYznaNOEBeMPCM77q9Dk9OPJE3ElM6wY+M+fdMFGg
RTYAdQDCMX5XRRmjRe5/ON6ykEHrx8IhWiK/f9W1rXaa2Q5SzQAAAZjFFu4RAAAE
AwBGMEQCIEIvKDQ8DIqn7JyrC8Q1qWbpAizKmonndRndEpqMpz4vAiBkuQgdC2Mi
vhvAg+cqV66eIxJR22kELw+mSNg98aCD6TANBgkqhkiG9w0BAQsFAAOCAQEAJr9M
dD9thKjF+7QZcb4WOqh2g2VGGisk5MS9aRenuwfzAw9XmTK53woA9o/D2MQvoITe
O52kEg0tTVB/SpDF8gwOIhjRvN9vqly4ZqLo88oJCIebHdGf2qrpUH++PcwYm8t6
4lzlJeNrn3+C/CR1RbymhRNYKO3c0X4EkysbsMr/HayPKJSrJLmlOVLbfb2+nQHv
O0ddCB3SykRpmdHSgPiwanj3X+JYRzR18sKOkgp8Bm5/3DWDyajkcn5Wh3MmsVbA
534VCiGEZCrkBzHW4BQTHC4UAPyHUxIyFWiJrN6baPQXSFzFZz6HNP/V2/yyifQg
vsWDuI37q7IybGckrg==
-----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-----
 2 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
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	110.159.246.128
Connect Time	43.86 ms
TTFB	1426.12 ms
Total Time	1426.22 ms

Response Headers:


```
{
    "0": "HTTP/1.1 302 Found",
    "1": "Date: Sat, 08 Aug 2026 10:02:00 GMT",
    "2": "Server: Apache",
    "3": "Via: 1.1 3Ps.jkr.gov.my (Access Gateway-ag-C23AB777ECEF2CDD-20891770)",
    "4": "Location: https://3Ps.jkr.gov.my/",
    "5": "Content-Type: text/html; charset=iso-8859-1",
    "7": "HTTP/1.1 200 OK",
    "8": "Date: Sat, 08 Aug 2026 10:12:41 GMT",
    "9": "Expires: Thu, 19 Nov 1981 08:52:00 GMT",
    "10": "Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0",
    "11": "Pragma: no-cache",
    "12": "Content-Type: text/html; charset=UTF-8",
    "13": "Set-Cookie: PHPSESSID=puprmgmppnvj8r6553moh28184; path=/",
    "14": "Vary: Accept-Encoding",
    "15": "Cache-Control: no-store",
    "16": "Cache-Control: no-cache",
    "17": "Set-Cookie: ZNPCQ003-32393500=f6039fb9; Path=/; Domain=.jkr.gov.my",
    "18": "Via: 1.1 3Ps.jkr.gov.my (Access Gateway-ag-C23AB777ECEF2CDD-20891804)",
    "19": "Set-Cookie:
TS01bb5e7e=01e5bb7bf05fa464b0d0be8b837d6213a26d14527000e1cd83023c17630763055396783df726a14bbabbb0ef8d7345d6a6b57521396b9cac516c194112844d16c45941215c; Path=/",
    "20": "Set-Cookie:
TS01b5eb0f=01e5bb7bf099c3899831b0bbce0d6f27f4505a64ae00e1cd83023c17630763055396783df7809311d56cb894fd3ba4d6fb50d511597c4997506b11f385b25caadf79c4930c; path=/;
domain=.jkr.gov.my",
    "21": "Transfer-Encoding: chunked"
}
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	110.159.246.128
Connect Time	20.99 ms
TTFB	137.05 ms
Total Time	137.09 ms

Response Headers:


```
[
    "HTTP/1.1 200 OK",
    "Date: Sat, 08 Aug 2026 10:12:41 GMT",
    "Expires: Thu, 19 Nov 1981 08:52:00 GMT",
    "Cache-Control: no-store, no-cache, must-revalidate, post-check=0, pre-check=0",
    "Pragma: no-cache",
    "Content-Type: text/html; charset=UTF-8",
    "Set-Cookie: PHPSESSID=2j6ocapfg10ma9sc838d3l6tc1; path=/",
    "Vary: Accept-Encoding",
    "Cache-Control: no-store",
    "Cache-Control: no-cache",
    "Set-Cookie: ZNPCQ003-32393500=f6039fb9; Path=/; Domain=.jkr.gov.my",
    "Via: 1.1 3Ps.jkr.gov.my (Access Gateway-ag-C23AB777ECEF2CDD-20891808)",
    "Set-Cookie:
TS01bb5e7e=01e5bb7bf0e08dd5b20bf7e68d747e9ca96e8edb0fffacdb14c1f533f81d4fba1274f7f829c609b0b13a696e5897e513def4960121e0283523e35188cd04a6e469976863d1; Path=/",
    "Set-Cookie:
TS01b5eb0f=01e5bb7bf0167614993737fae694e03fd08a78dcfaffacdb14c1f533f81d4fba1274f7f829e755d09f27623bba07ef27776a125459501cc6ac328531b7e880f04f28a406f4; path=/;
domain=.jkr.gov.my",
    "Transfer-Encoding: chunked"
]
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	302 0.020526 0.273723
TCP Connect IPv4 → port 443	200 0.019400 0.125694

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
```