

IPv6 Readiness Report

jdn.gov.my — jdn.gov.my



Scan to verify

Category: Government • Generated: 30 Jul 2026, 07:49 MYT • Last Checked: 04 Jul 2026, 03:31 MYT • Verification ID: 193cf63d-307c-4b95-9b85-9375a4097869

Report generated from National IPv6 Readiness Monitor — <https://ipv6.my6.my>

Audit trail: <https://ipv6.my6.my/audit/193cf63d-307c-4b95-9b85-9375a4097869>

X

Non-Compliant

MGv6C-1.0

47%

No IPv6 Support

IPv6-ONLY READINESS

Website: X Not Ready

DNS: X Not Ready

Email: X Not Ready

IPv4 ADDRESSES
163.53.155.127

Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	GITN Sdn Bhd
Country	MY
ASN	AS141201
ASN Name	JDN-AS-MY - Jabatan Digital Negara (JDN), 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%)				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%)			4 / 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	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	163.53.155.127
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 1492ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 102ms TTFB.

Audit Trail & Evidence Record

Verification ID	193cf63d-307c-4b95-9b85-9375a4097869
Domain	jdn.gov.my
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:31:13 MYT
Finished	04 Jul 2026, 03:31:47 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/193cf63d-307c-4b95-9b85-9375a4097869

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	16898b02e25b3ebf35d2ddc149fb07f4bcf7d73aaf317db1ebc429343af7ee71
http_headers	0cd131188bfe1c3ca9b23051c1a25de591690f28ad8f042999ddf0f6af37d69c
dns_responses	a76772632e0d118299fdcac3c4a05ce99c66751bf476d39b21a2bae10793e7bb
tls_handshake	c293b3c994f1af0efa03ea3199acba59b9acc8d3f5a687155c292a01ff38323c
connectivity_log	b387a4b7364ac562e50381b3b855a63513642a4b0240ea927d37257a0143202e
dns_resolution_times	bff9eae4d6114634d56f054074a48a12603e4b30ebc4d0b3cb22c328e26ca991

Test Node Identity

Os	Linux srv1440888 6.8.0-124-generic #124-Ubuntu SMP PREEMPT_DYNAMIC Tue May 26 13:00:45 UTC 2026 x86_64
Hostname	srv1440888
Php Version	8.3.32
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	9.56	19.18	20.37	21.66	+10.8
Google	IPv4	20.07	72.54	33.87	54.23	+13.8
Google	IPv6	54.87	82.37	29.89	73.23	-25
Cloudflare	IPv4	8.86	21.03	19.01	21.33	+10.2
Cloudflare	IPv6	42.21	70.38	61.73	64.1	+19.5

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 32713
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
jdn.gov.my. 3600 IN A 163.53.155.127
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 37645
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
jdn.gov.my. 86372 IN DS 39895 8 2 94A9546B932F571D810A040EC8B8218AE1BA93B888D0E35E1510AB81 A9ED014E
jdn.gov.my. 86372 IN DS 39895 8 1 B1998968F00FA1E0C9C655E3568EE3798D094E9A
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 56267
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

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

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 44658
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

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

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 35645
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 11, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
jdn.gov.my. 3600 IN TXT "HxZVT06P3P8+L/EN9Ymg/Bti76XK9NmJ6u66asdUoa4="
jdn.gov.my. 3600 IN TXT "JISIMrnfvBi9kFBpCirFfkvCYjvme/VXyYHlf3YcRDc="
jdn.gov.my. 3600 IN TXT "_globalsign-domain-verification=CpQH0gky_wRvHJfaRCV9rykAGb7yc8yKRuaCxT7UBE"
jdn.gov.my. 3600 IN TXT "_globalsign-domain-verification=ZaeIdf8bPEct7tJQ0p06LKLDbjrgj_B29F9ouuU_A_"
jdn.gov.my. 3600 IN TXT "_globalsign-domain-verification=hMQSKbT6x1eBt6nZdqTR5tF54KxD0e1TPMSkeb4WAu"
jdn.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"
jdn.gov.my. 3600 IN TXT "sWlrnGQEDcxTNDi8E8tuWcwQhaPamLwPUizDfTWexKs="
jdn.gov.my. 3600 IN TXT "_globalsign-domain-verification=gusFb4Sx-eyEUMV8eSE_2gW5Qk3bMm4G-4BxV4FP2p"
jdn.gov.my. 3600 IN TXT "google-site-verification=Ih_Xta9p38kBgfvCUNmI8ZMDShGuIydvuF2Q3Kk19FY"
jdn.gov.my. 3600 IN TXT "_globalsign-domain-verification=jKYHNq0EXhEGUSbEXXRAS7W1QidR9KXz3BvZ57rtQ"
jdn.gov.my. 3600 IN TXT "google-site-verification=kg1mDjxfuE5Wp44vpQoUcMaDDx90_htIzJtupJ1Lq3o"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 3361
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1
```

```
;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
jdn.gov.my. 3600 IN SOA dns1.gitn.net.my. planning.gitn.com.my. 2026070304 10800 3600 604800 38400
```

RRSIG

```
dns1.gitn.net.my. planning.gitn.com.my. 2026070304 10800 3600 604800 38400
SOA 8 3 3600 20260802184654 20260703174654 41338 jdn.gov.my. rlnugsMva7kVCGAr+EmBBZNnvQwgpgPFlw4GK6emwgyp4tD74Wdb/Kh1
b+BUByUPqM6Rqd2qibkU8lChLBmnBn+SeFwbBQtkgYjPLzL+nJuD6SJG irDHiq62FJMWi1TrgtgC0ckxD4qCxbTSXnlW89Eiktw1XAYjeVoB3pcq WtA=
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 65126
;; flags: qr rd ra ad; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
jdn.gov.my. 3573 IN DNSKEY 257 3 8 AwEAAcAlxpjmk5ZVtmR2L0jjZ2JLtg+PteykrMkBK4C/Lb5EkMhXw2x dsY52B20quUdh7ofYW+nihZ02FXKtEks/GoqViqrDgacYKAmfQRPZNWF
r18bJZlHWMk1tkJceCd+tc2/z7mgs8EDX70rmKvQG50FvCwgqWkDyykW GnDHqK7eVQk9meNzBYIxGyhY8SMYY0L/DDYmDWR3V+PqnSCqKAVL/68n
s5t5ZigKEeGBhDIG/rt0zaijXocGwpgTdejN+ule1lxFaG6JF13jMPVa 6Wd12rtlKqHgr1qEatbzndIAmXgFDERLaRxNobxsLDNbmbLIImno7xLpA 0x2Xk643d6U=
jdn.gov.my. 3573 IN DNSKEY 256 3 8 AwEAAcUBY1N98zKGZbKanTgTyGPux+wV6Dg+vnCjNZGQfd4izGr0F1JB RexSycRtm9hhVfSH+fhn3mpImPYoTKJhZdFqJgF26bM1J2pEQ9Nz7j6Q
INAKa70xwRr5P+gdzpvRmvEw6H5KcrdZuqindf8uSSKQv/YvITL/FpIS 9Pc95Zo/
```

DNSSEC_VALIDATION

```
; fully validated
jdn.gov.my. 3573 IN SOA dns1.gitn.net.my. planning.gitn.com.my. 2026070304 10800 3600 604800 38400
jdn.gov.my. 3573 IN RRSIG SOA 8 3 3600 20260802184654 20260703174654 41338 jdn.gov.my. rlnugsMva7kVCGAr+EmBBZNnvQwgpgPFlw4GK6emwgyp4tD74Wdb/Kh1
b+BUByUPqM6Rqd2qibkU8lChLBmnBn+SeFwbBQtkgYjPLzL+nJuD6SJG irDHiq62FJMWi1TrgtgC0ckxD4qCxbTSXnlW89Eiktw1XAYjeVoB3pcq WtA=
```



TLS Handshake Evidence

IPV4 Connection

IP Used	163.53.155.127
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 = SELANGOR, L = SEPANG, O = JABATAN DIGITAL NEGARA, CN = www.jdn.gov.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
0 s:C = MY, ST = SELANGOR, L = SEPANG, O = JABATAN DIGITAL NEGARA, CN = www.jdn.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 17 02:41:02 2025 GMT; NotAfter: Aug 18 02:41:01 2026 GMT
-----BEGIN CERTIFICATE-----
MIIGLDCCBXygAwIBAgIMFQ6DvMpmWwZRjF4AMAOGCSqGSIb3DQEBCwUAMFAxCzAJ
BgNVBAYTAkJKMRkwFwYDVQQKEXBHbG9iYWwTaWduIG52LXNhMSYwJAYDVQQDEhIh
bG9iYWwTaWduIFJlTQSBPViBTU0wgQ0EgMjAxODAAeFw0YNTA3MTcwMjQxMDJhFw0y
NjA4MTQwMjQxMDFAeGsxCAJBBgNVBAYTAkIUMREwDwYDVQIEwhTRUxBTkdPUJEP
MA0GA1UEBxMGU0VQQU5HMhR8wHQYDVQKExZKQUBVEFOIERJR0lUQUwgTkVhQVJB
MRcwFQYDVQQDEw53d3cuamRuLmdvdi5teTCCASiWdQYJKoZIhvcNAQEBBQADggEP
ADCCAQoCggEBAL22pnIvNfSg+N17fuHw6j+CoEUBz4ZHX6ozFavqYL6aPNjqXSGX
DQaXaKpQ08K2jvDcW5hgHSS6vT1MLS17UTeRKVDrs+03NRnoTKLT94UHQdm2p0Wo
aBAaV3gpZYV94WfgcXiTnsu2c26U3+g6c8iBbMzSi5H71p3FDIQ6aXzGN/h6UCV6
pLER6YqOrigven/OSvpiV/20lbJfQtnf4U0/I/XfmPL2iYgITKTQ9vZtknz8oLK
plzrFgD5s1Qw20shP82mdF90PUpx/1C4lmgNd8sF4qKZ7BlywpPwgnHBui2hn7sC
yDiPOMhB1kPi5XdbnWeDlq0BCG/Fy15lrTUCaWEAA0CA1EwggNMMA4GA1UdDwEB
/wQEAwIFoDAMBgNVHRMBAf8EAjAAMIg0BggrBgEFBQcBAQSBGTB/MEQGCGCsGAUQF
BzACHjhodHRwOi8vc2VjdXJlLmdsb2JhbHNpZ24uY29tL2NhY2VydC9nc3JzYW92
c3NsY2EyMDE4LmNydDA3BggrBgEFBQcwAYYraHR0cDovL29jc3AuZ2xvYmFsc2Ln
bi5jb20vZ3Nyc2FvdnNzbGNhMjAxODBwBGNVHSAETzBNMEEGCSsGAQQBoDIBFDA0
MDIGCCsGAUFBwIBFiZodHRwczovL3d3dy5nbG9iYWwzaWduLmNvbS9yZXBvc2l0
b3J5LzAiBgZngQwBAgIwYgYDVOR0BFswYI0d3d3Lmpkb2J5b3YubXmCemLuc2lk
ZXIuamRuLmdvdi5teYITC3RhbmRhcmQuamRuLmdvdi5teYISbXlnb3ZlYS5qZG4u
Z292Lm15ggpqZG4uZ292Lm15MB0GA1UdJQQWMBQGCCsGAQUFBwMBBggrBgEFBQcD
AjAFBgNVHSMEGDAWBgT473/yzXhngN5vjySNiPGHAWKz6zAdBgNVHQ4EFgQUuP/3
XkqjwqZr0YRl97w1Ky2GdwggG/BgorBgEEAdZ5AgQCBIIbbsCAwsBaQB2AJR0
Q4f67MHvgfMZJCaoGUBx9Nf0AIBP3JnfvU3LhnYAAABMBZB0ksAAQDAECwRQIh
ALsvacWn/adU2nZUf43K/7/IdZEL9GKjvMcRhLxL57U9AiBcBvQgQRMCIudp9Asq
DNkhRsvXDA6PrfeTZapUoMgm7QB3AMs49xWJfIshRF9bwd37yW7ymlnNRwppBYWw
yxTDFfjnAAABMBZB0KsAAQDAECwRgIhAPdTYnc7I/T76+4qEvv5BP+qhQ7EYuti
Vu0XtHtodzTeAiEA2yUGLG9Iobf48IgvVhN6yaL43Dqd3oKJ/eNyj6EJuRsAdgDC
MX5XRRmjRe5/0N6yKEHrx8IhWiK/f9W1rXaa2Q5S2QAAA2GwQDIkAAAEAwBHMEUC
IQCtnpb89dL0I2Pg9AiMhVYqYKauFvona7HdHX16p7GeQIGpjY60Kenv7AM9Ehm
FNURaskvo7ryZ8Y4EyZ6tclVgFMwDQYJKoZIhvcNAQELBQADggEBAKggnNpnIprt1
IdHeiLE9v5XCfGQI6aVrSubx3ZI/Vd6farpCJvNwa23NSMIKqCnv/aYVmVZTFAN7
jzA8npUfqeLunJP6zywU2iYN1YyuhDHKiYf2ER1tL4c/JRbje/g6eJd4ZR2iLsGQ
zZE8/mFktnDo6Psbm1NnwuScNTgr/i4777RTWvoPAKNXLPtK7TPQibUZXjFzPvN
4ihdtPv9vs+qMKYP+gItgxRBBkIe0+efcoQpfJzPvJ5LqhTY/yU01YecpXWjGCi
1igL3LZo2wFCEA19rBYWedGIdXvjnRp583raID0DZckKxSr4DWfYpth5LbLBSoFi
VoeTs3Yt6QA=
-----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
HgYDVQLExdHbG9iYWwTaWduIFJvb3QgQ0EgLSB5SMzETMBEGA1UEChMKR2xvYmFs
U2lnbjETMBEGA1UEAxMKR2xvYmFsU2lnbjAeFw0xODExMjEwMDAwMDBaFw0YODEx
MjEwMDAwMDBaMFAXCzAJBgNVBAYTAkJKMRkwFwYDVQQKEXBHbG9iYWwTaWduIG52
LXNhMSYwJAYDVQQDEhIhbG9iYWwTaWduIFJlTQSBPViBTU0wgQ0EgMjAxODCCASiW
dQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAKdaydUMGCEAI9WXD+uu3Vxoa2UP
UGATeoHLL+60imGUSyZ59gSnKvuk2la77qCk8HuKf1UFr5NHNW5xUTolJAgvj0H3
idaSz6+zp28w7bXfIa7+9UQX/dhj2S/TgVprX9NHsKzyqzskeU8fxy7quRU6fBhM
ab01IFkJXiNDY+YuRluqLJBjDrnw9UqhC598NE3QvADFBLV5B56i0BDxSEPOuVq1
lVW9MdIbPyA+oewNEtssmS5tR8JvA+Z6cLVwz0MnLKWmj'sIYPJLJLnNvbHbWk0Cq
oV5S++XFBdZpaFwGueSR1eGDKkFNm5KQCompFmvv73W+eka440eKHRwup08CAwEA
AaOCASkwggELMA4GA1UdDwEB/wQEAwIBhjASBgNVHRMBAf8ECDAGAQH/AgEAMB0G
A1UdDgQWB8T473/yzXhngN5vjySNiPGHAWKz6zAdBgNVHSMEGDAWgBSP8Et/qC5F
JK5NUPpjmove4t0bvDA+BgggrBgEFBQcBAQ0YMDAwLgYIKwYBBQUHMMAGGImh0dHA6
Ly9vY3NwMi5nbG9iYWwzaWduLmNvbS9yb290cjcjMwNlgYDVR0fBFC8wLTAroCmgJ4YL
aHR0cDovL2NybC5nbG9iYWwzaWduLmNvbS9yb290LXIzLmNyYbDBHBG9NVHSAEQDA+
MDwGBFUdIAAAwNDAyBggrBgEFBQcCARYmaHR0cHMGLy93d3cuZ2xvYmFsc2lnbi5j
```

```
b20vcmVwb3NpdG9yeS8wDQYJKoZIhvcNAQELBQADggEBAJmQYc1fQorUC2bbmANz
EdSIh1IoU4r7rd/9c446ZwTbw1MUcBQJfMPg+NccmBqixD7b6QDjynCy8SIwIVbb
0615XoFYC20UgDX1b10d65pHBf9ZjQCxQNqQmJYaumxtf4z1s4DfjGRzNpZ5eWl0
6r/4ngGPoJVpjemEuunl1Ig423g7mNA2eymw0LIYkN5S0wCuaiIFJ6GLazhgDEw
fpoLu4usBC0mmQDo8dIm7A9+04orkjgTHY+GzYZSR+Y0fFukAj6KYXwidlNaLFmz
hr1SgHKvoflShx8xpfywgVcvzfT03PYkz6fiNJBonf6q8amaEsybwMbDqKwIX7e
SPY=
-----END CERTIFICATE-----
2 s:OU = GlobalSign Root CA - R3, 0 = GlobalSign, CN = GlobalSign
i:OU = GlobalSign Root CA - R3, 0 = GlobalSign, CN = GlobalSign
a:PKKEY: 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
A1UECxMXR2xvYmFsU2lnb1B5b290IENBIC0gUjMxZzARBGNVBAOTCkdsb2JhbFNP
Z24xEzARBGNVBAMTCkdsb2JhbFNPZ24wHhcNMMDkwMzE4MTAwMDAwWhcNMjkwMzE4
MTAwMDAwWjBMM5AwHgYDVQLEExdHbG9iYWxTaWduIFJvb3QgQ0EgLSBSMzETMBEG
A1UEChMKR2xvYmFsU2lnb1ETMBEGA1UEAxMKR2xvYmFsU2lnbjCCASIwDQYJKoZI
hvcNAQEBBQADggEPADCCAQoCggEBAMwldpB5BngiFvXAg7aEyiie/QV2EcWtiHL8
RgJDx7KKnQRfJMsuS+FggkbhUqsMgUdwbn1k0ev1LKMPgj0MK66X17YUhhB5uzsT
gHeMCOFJ0mpiLx9e+pZo34knlTifBtc+ycsmWQ1z3rDI6SY0gxXG71uL0gRgkmm
KPZp0/bLyCiR5Z2KYVc3rHQU3HTg0u5yLy6c+9C7v/U9A0EGM+iCK65TpjoWc4zd
QQ4g0sC0p6Hpsk+QLjJg6VfLuQSSaGj10CZgdbKfd/+RFO+uIEn8rUAVSNECMWEZ
XriX7613t2Saer9fwRPvm2L7DWzgVGkwqQPabumDk3F2xmmFghcCAwEAaNCMEAw
DgYDVR0PAQH/BAQDAgEGMA8GA1UdEwEB/wQFMAMBAf8wHQYDVR00BBYEFI/wS3+o
LkUkrk1Q+m0ai97i3Ru8MA0GCSqGSIb3DQEBCwUAA4IBAQBLOnvAUKr+yaZv95ZU
RUm7LgAJQayzE4aGKAczymvmdLm6AC2upArT9fHxD4q/c2dKg8dEe3jgr25sbwMp
```



HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	163.53.155.127
Connect Time	44.17 ms
TTFB	126.19 ms
Total Time	126.34 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Server: openresty",
  "2": "Date: Fri, 03 Jul 2026 19:31:47 GMT",
  "3": "Content-Type: text/html",
  "4": "Content-Length: 166",
  "5": "Connection: keep-alive",
  "6": "Location: https://jdn.gov.my/",
  "8": "HTTP/2 301",
  "9": "server: openresty",
  "10": "date: Fri, 03 Jul 2026 19:31:47 GMT",
  "11": "content-type: text/html; charset=UTF-8",
  "12": "location: https://www.jdn.gov.my/",
  "13": "set-cookie: __wpdm_client=8f4654b4ea6f9589acb009f24e885242; path=/; domain=www.jdn.gov.my; secure; HttpOnly",
  "14": "set-cookie: tablesome_redirect_token=B1TCJxMuN2J0poSFwwR7fDR2ER37qq1S; path=/; secure",
  "15": "permissions-policy: private-state-token-redemption=(self \"https://www.google.com\" \"https://www.gstatic.com\" \"https://recaptcha.net\" \"https://challenges.cloudflare.com\" \"https://hcaptcha.com\"), private-state-token-issuance=(self \"https://www.google.com\" \"https://www.gstatic.com\" \"https://recaptcha.net\" \"https://challenges.cloudflare.com\" \"https://hcaptcha.com\"),
  "16": "x-redirect-by: WordPress",
  "17": "x-cache: HIT",
  "18": "strict-transport-security: max-age=63072000; preload",
  "19": "x-served-by: jdn.gov.my",
  "21": "HTTP/2 200",
  "22": "server: openresty",
  "23": "date: Fri, 03 Jul 2026 19:31:47 GMT",
  "24": "content-type: text/html; charset=UTF-8",
  "25": "set-cookie: __wpdm_client=4fd94590c05cd3deee59ebf3316045d4; path=/; domain=www.jdn.gov.my; secure; HttpOnly",
  "26": "set-cookie: tablesome_redirect_token=8DIH19vk6IogPHzMUXuWPctZ9zXJoBy2; path=/; secure",
  "27": "permissions-policy: private-state-token-redemption=(self \"https://www.google.com\" \"https://www.gstatic.com\" \"https://recaptcha.net\" \"https://challenges.cloudflare.com\" \"https://hcaptcha.com\"), private-state-token-issuance=(self \"https://www.google.com\" \"https://www.gstatic.com\" \"https://recaptcha.net\" \"https://challenges.cloudflare.com\" \"https://hcaptcha.com\"),
  "28": "link: <https://www.jdn.gov.my/wp-json/>; rel=\"https://api.w.org/\"",
  "29": "link: <https://www.jdn.gov.my/wp-json/wp/v2/pages/24770>; rel=\"alternate\"; title=\"JSON\"; type=\"application/json\"",
  "30": "link: <https://www.jdn.gov.my/>; rel=shortlink",
  "31": "x-tec-api-version: v1",
  "32": "x-tec-api-root: https://www.jdn.gov.my/wp-json/tribe/events/v1/",
  "33": "x-tec-api-origin: https://www.jdn.gov.my",
  "34": "x-cache: HIT",
  "35": "strict-transport-security: max-age=63072000; preload",
  "36": "x-served-by: www.jdn.gov.my"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	163.53.155.127
Connect Time	22.38 ms
TTFB	78.25 ms
Total Time	78.37 ms

Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "server: openresty",
  "2": "date: Fri, 03 Jul 2026 19:31:47 GMT",
  "3": "content-type: text/html; charset=UTF-8",
  "4": "location: https://www.jdn.gov.my/",
  "5": "set-cookie: __wpdm_client=8f4654b4ea6f9589acb009f24e885242; path=/; domain=www.jdn.gov.my; secure; HttpOnly",
  "6": "set-cookie: tablesome_redirect_token=B1TCJxMuN2J0poSFwwR7fDR2ER37qq1S; path=/; secure",
  "7": "permissions-policy: private-state-token-redemption=(self \"https://www.google.com\" \"https://www.gstatic.com\" \"https://recaptcha.net\" \"https://challenges.cloudflare.com\" \"https://hcaptcha.com\"), private-state-token-issuance=(self \"https://www.google.com\" \"https://www.gstatic.com\" \"https://recaptcha.net\" \"https://challenges.cloudflare.com\" \"https://hcaptcha.com\"),
}
```

```
\\"https://recaptcha.net\\" \\"https://challenges.cloudflare.com\\" \\"https://hcaptcha.com\\")",
  "8": "x-redirect-by: WordPress",
  "9": "x-cache: HIT",
  "10": "strict-transport-security: max-age=63072000; preload",
  "11": "x-served-by: jdn.gov.my",
  "13": "HTTP/2 200",
  "14": "server: openresty",
  "15": "date: Fri, 03 Jul 2026 19:31:47 GMT",
  "16": "content-type: text/html; charset=UTF-8",
  "17": "set-cookie: __wpdm_client=4fd94590c05cd3deee59ebf3316045d4; path=/; domain=www.jdn.gov.my; secure; HttpOnly",
  "18": "set-cookie: tablesome_redirect_token=8DIHl9vk6IogPHzMUXuWPctZ9zXJoBy2; path=/; secure",
  "19": "permissions-policy: private-state-token-redemption=(self \\"https://www.google.com\\" \\"https://www.gstatic.com\\" \\"https://recaptcha.net\\"
\\"https://challenges.cloudflare.com\\" \\"https://hcaptcha.com\\"), private-state-token-issuance=(self \\"https://www.google.com\\" \\"https://www.gstatic.com\\"
\\"https://recaptcha.net\\" \\"https://challenges.cloudflare.com\\" \\"https://hcaptcha.com\\")",
  "20": "link: <https://www.jdn.gov.my/wp-json/>; rel=\\"https://api.w.org/\\"",
  "21": "link: <https://www.jdn.gov.my/wp-json/wp/v2/pages/24770>; rel=\\"alternate\\"; title=\\"JSON\\"; type=\\"application/json\\\"",
  "22": "link: <https://www.jdn.gov.my/>; rel=shortlink",
  "23": "x-tec-api-version: v1",
  "24": "x-tec-api-root: https://www.jdn.gov.my/wp-json/tribe/events/v1/",
  "25": "x-tec-api-origin: https://www.jdn.gov.my",
  "26": "x-cache: HIT",
  "27": "strict-transport-security: max-age=63072000; preload",
  "28": "x-served-by: www.jdn.gov.my"
}
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.009669 0.020255
TCP Connect IPv4 → port 443	301 0.009224 0.041989

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
fe80::/64 dev eth0 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