

IPv6 Readiness Report

khazanah.com.my — khazanah.com.my



Scan to verify

Category: Enterprise • Generated: 30 Jul 2026, 07:47 MYT • Last Checked: 04 Jul 2026, 03:48 MYT • Verification ID: 110f4d81-f330-4713-b08e-08e7782540df

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

Audit trail: <https://ipv6.my6.my/audit/110f4d81-f330-4713-b08e-08e7782540df>



Partially Compliant

MGv6C-1.0

73%

Partial Support

IPv6-ONLY READINESS

Website: **✗ Not Ready**

DNS: **✓ Ready**

Email: **✗ Not Ready**

IPv6 ADDRESSES

2600:9000:203f:a00:1:ca45:7c80:93a1

2600:9000:203f:5400:1:ca45:7c80:93a1

2600:9000:203f:2a00:1:ca45:7c80:93a1

2600:9000:203f:8400:1:ca45:7c80:93a1

2600:9000:203f:7600:1:ca45:7c80:93a1

2600:9000:203f:5a00:1:ca45:7c80:93a1

2600:9000:203f:ba00:1:ca45:7c80:93a1

2600:9000:203f:b600:1:ca45:7c80:93a1

IPv4 ADDRESSES

65.9.168.108

65.9.168.87

65.9.168.115

65.9.168.107

Network Information (WHOIS / RDAP)

	IPv6 Network	IPv4 Network
Organization	Amazon.com, Inc.	Amazon.com, Inc.
Country	US	US
ASN	AS16509	AS16509
ASN Name	AMAZON-02 - Amazon.com, Inc., US	AMAZON-02 - Amazon.com, Inc., US
Network (CIDR)	2600:9000::/28	65.9.128.0/18

Web Services (35%)				6 / 8
#	CHECK	RESULT	DETAIL	
1	AAAA Record	PASS	2600:9000:203f:a00:1:ca45:7c80:93a1, 2600:9000:203f:5400:1:ca45:7c80:93a1, 2600:9000:203f:2a00:1:ca45:7c80:93a1, 2600:9000:203f:8400:1:ca45:7c80:93a1, 2600:9000:203f:7600:1:ca45:7c80:93a1, 2600:9000:203f:5a00:1:ca45:7c80:93a1, 2600:9000:203f:ba00:1:ca45:7c80:93a1, 2600:9000:203f:b600:1:ca45:7c80:93a1	
2	Globally Routable IPv6	PASS	All addresses are globally routable.	
3	HTTP over IPv6	PASS	HTTP (port 80) responds over IPv6 — 46ms TTFB.	
4	HTTPS over IPv6	PASS	HTTPS (port 443) responds over IPv6 — 29ms TTFB.	
5	IPv6-Only Reachability	FAIL	Site is not reachable when limited to IPv6-only.	
6	TLS Certificate Valid (IPv6)	PASS	Certificate valid — issued by C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA OV R36, expires Apr 3 23:59:59 2027 GMT	
7	Dual-Stack (IPv4 + IPv6)	PASS	Domain has both A and AAAA records.	
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.	

#	CHECK	RESULT	DETAIL
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	FAIL	DNSSEC validation failed or zone is unsigned.
5	Reverse DNS (PTR)	FAIL	No PTR record found.
6	DS Record at Parent	FAIL	No DS record at parent.
7	RRSIG Valid	FAIL	No valid RRSIG found.
8	Signing Algorithm	INFO	No DNSKEY record found.

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	DKIM selector found: selector1._domainkey
7	DMARC Record	PASS	DMARC record found.

IPv4 Baseline (15%)			3 / 3
#	CHECK	RESULT	DETAIL
1	A Record	PASS	65.9.168.108, 65.9.168.87, 65.9.168.115, 65.9.168.107
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 46ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 31ms TTFB.

Audit Trail & Evidence Record

Verification ID	110f4d81-f330-4713-b08e-08e7782540df
Domain	khazanah.com.my
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:47:36 MYT
Finished	04 Jul 2026, 03:48:02 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/110f4d81-f330-4713-b08e-08e7782540df

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	65291ce6aec6abe87a21ed1f7d62cd2502e46c75a442e1acb347a16c684d1d03
http_headers	abd3616c488b5580870db45a4d4bad7c7b4e007669965229107d03174c8e2586
dns_responses	ac022f212f5a2fbec5480365309df8dcda2fef32874dbd1d695ccfb5d35fe597
tls_handshake	7f5c23b33f67483cbdce2119dce731df2e7310608914e461e0e791330d718997
connectivity_log	867d933c69cec624c386862a60abffd9b404c0e076e9dec36557e54f8e1923d5
dns_resolution_times	dd34c2e2c89a2407cac3e0da3833b5b6e538ccee08934eb036e58fecc52d2c0

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	12.25	23.09	10.81	11.66	-1.4
Google	IPv4	78.15	92.59	111.25	112.95	+33.1
Google	IPv6	35.28	104.54	35.73	75.94	+0.4
Cloudflare	IPv4	9.95	11.14	19.2	20.15	+9.3
Cloudflare	IPv6	31.55	159.18	8.9	21.36	-22.7

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 7169
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
khazanah.com.my. 35 IN A 65.9.168.115
khazanah.com.my. 35 IN A 65.9.168.107
khazanah.com.my. 35 IN A 65.9.168.108
khazanah.com.my. 35 IN A 65.9.168.87
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 14352
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 2446 IN SOA e.nic.my. hostmaster.nic.my. 2026052755 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 50939
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
khazanah.com.my. 300 IN MX 5 khazanah-com-my.mail.protection.outlook.com.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 38529
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
khazanah.com.my. 86400 IN NS cody.ns.cloudflare.com.
khazanah.com.my. 86400 IN NS zara.ns.cloudflare.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 53852
;; flags: qr rd ra; QUERY: 1, ANSWER: 9, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
khazanah.com.my. 300 IN TXT "successfactors-site-verification=YzhLnThkYTYxZjVjNmM3NWU0NDhmNGNlZGJkYTA3ZTA5MTI3NTI3MzUwMmYSYzhhYjVlMzE1YTlkZmYwMDhiNA=="
khazanah.com.my. 300 IN TXT "v=spf1 ip4:210.187.94.101 include:spf.protection.outlook.com include:_spf-dc44.sapsf.com include:_spf-dc10.sapsf.com mx ~all"
khazanah.com.my. 300 IN TXT "yoT+kJn5Ek6xqwgfXrqhiARgD0oWoztVG+le8RmESSSq5pb+P56gSZF5Xs/y346RC5QTUBuwldQ2+3trj7gLyQ=="
khazanah.com.my. 300 IN TXT "278363695-551643838"
khazanah.com.my. 300 IN TXT "2e0e39ab-a35c-4a0c-baf0-be35abd25039"
khazanah.com.my. 300 IN TXT "MS=763EFC153EF4DE77DC231596FBB43E1253198427"
khazanah.com.my. 300 IN TXT "anthropic-domain-verification-5110j3=pRpVVngq9RpcYAC8YXwv6DB9x"
khazanah.com.my. 300 IN TXT "docuSign=8576750b-4953-478f-84fd-6912b949b2cf"
khazanah.com.my. 300 IN TXT "globalsign-domain-verification=kbbR0MxiJ4MduhVsKssCbLHpVMY-ONft05h27bAmUzH"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 37092
;; flags: qr rd ra; QUERY: 1, ANSWER: 8, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
```

khazanah.com.my. 60INAAAA2600:9000:203f:e600:1:ca45:7c80:93a1

khazanah.com.my. 60INAAAA2600:9000:203f:9e00:1:ca45:7c80:93a1

khazanah.com.my. 60INAAAA2600:9000:203f:7400:1:ca45:7c80:93a1

khazanah.com.my. 60INAAAA2600:9000:203f:ea00:1:ca45:7c80:93a1

khazanah.com.my. 60INAAAA2600:9000:203f:fa00:1:ca45:7c80:93a1

khazanah.com.my. 60INAAAA2600:9000:203f:e400:1:ca45:7c80:93a1

khazanah.com.my. 60INAAAA2600:9000:203f:9a00:1:ca45:7c80:93a1

khazanah.com.my. 60INAAAA2600:9000:203f:200:1:ca45:7c80:93a1

RRSIG

cody.ns.cloudflare.com. dns.cloudflare.com. 2408564570 10000 2400 604800 1800

DNSKEY

;; Got answer:

;; ->HEADER<- opcode: QUERY, status: NOERROR, id: 9779

;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:

; EDNS: version: 0, flags:; udp: 1232

;; AUTHORITY SECTION:

khazanah.com.my. 1776INSOACody.ns.cloudflare.com. dns.cloudflare.com. 2408564570 10000 2400 604800 1800

DNSSEC_VALIDATION

; unsigned answer

khazanah.com.my. 1776INSOACody.ns.cloudflare.com. dns.cloudflare.com. 2408564570 10000 2400 604800 1800

TLS Handshake Evidence

IPV4 Connection

IP Used	65.9.168.108
IP Version	4

```
depth=2 C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
verify return:1
depth=1 C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA OV R36
verify return:1
depth=0 C = MY, ST = Wilayah Persekutuan Kuala Lumpur, O = Khazanah Nasional Berhad, CN = *.khanazah.com.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
0 s:C = MY, ST = Wilayah Persekutuan Kuala Lumpur, O = Khazanah Nasional Berhad, CN = *.khanazah.com.my
i:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA OV R36
a:PKKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
v:NotBefore: Mar 3 00:00:00 2026 GMT; NotAfter: Apr 3 23:59:59 2027 GMT
-----BEGIN CERTIFICATE-----
MIHRjCCBa6gAwIBAgIRAO0Cl5s6qJpFsty8vFL0BugwDQYJKoZIhvcNAQELBQAw
YDELMAkGA1UEBhMCR0IxGDAWBgNVBAoTDINLY3RpZ282TGltaXRlZDE3MDUGA1UE
AxMuU2VjdGlnbyBQdWJsawMgU2VydMvYIEF1dGhlnRpY2F0aW9uIENBIE9WIFIz
NjAeFw0yNjAzMDMwMDAwMDBaFw0yNzA0MDMyZSU5NTlaMHcxCAzJBGNVBAITAKIZ
M5kwJwYDVQ0IEyBxWkxheWFOIFB1cnLa3V0dWFuIETlYWxhIEx1bXB1cjEhMB8G
A1UEChMYSHhcmFuYWggTmFzaW9uYWwgQmVyaGFKMR0wGAYDVQDDBEqLmtoYXph
bmFoLmNvbS5teTCCAS1wDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAM/BmKf+
9dkoAPWIo/Z+azlZ2cDSPEbfLaRPz9Y3XggUp4Zj5VuPQmBKxE49+bjx8TTJoWXR
iGKTbu5JoJvGxWSLCHJLhkTtcWLB4K5czfch8H7CmEizLZMpGCGY9Ljd9r4KI1p
a2NU1or78pbafODWIQSe10wwuixD9MDQ0nzU7uXCsV88K9uC2WikDMYAVYGHnKru
bDh7k96GDzIHjJ7e+npwQ00mTn+DnurX+6ewLQsw22e0cT6l0VSRdnz9aBr0vwa
jAH4qpQrZxPMLWA+3UF3rZQiQSOVjZPWvVPmLeLeuuJk5mLMXhGcxun4XnRcdLD
12sDhw/APftHNVUCAwEAaOACA2IwggNeMB8GA1UdIwQYMBaAFONmdLtwai0sXU40
pkqPmzcinIKSMB0GA1UdDgQWBQhildTfSxfpMHCQHw4bsDKqanJ9za0BgNVHQ8B
A7FEBAMCBAaDAYDVR0TAQH/BAIwADATBgNVHSUEDAKBggrBgEFBQcDATBKBG9V
HSAEQzBBMDUGDCsGAQ0BsjeBAGEDBDALCMCGCCsGAQUFBwIBFhdodHRwcovL3Nl
Y3RpZ28uY29tL0NQzAIBGZngQwBAGIwVAYDVRO7BE0wSzBzJoEegRYZDaHR0cDov
L2Nybc5zZWNoaWdvLmNvbS9TZWNoaWdvUHVi6G1jU2VydMvYQXV0aGVudG1jYXRp
b25DQ0U9WUJm2LmNybDcBhAYIKwYBBQUHAQEEDb2ME8GCCsGAQUFBzAChkNodHRw
018vY3J0LnNLY3RpZ28uY29tL1NLY3RpZ290dWJsawWNTXZJ2XJBdXRoZW50aWNh
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Lm15MIIIBjwYKKwYBBAHWeQIEAgSCAX8EggF7AXkAdwAcn2gs6frwRWlQ+BuWiofd
2zIQ2EzmyLLjgJJKxM9ZnwAAAZyyEadnAAAEAwBIMEYCIQDicachGQpRHK8zcy0M
5GLqIgwtnLasTq6pNIGnpNATDwIhAKJDta07i6rWxaeXWwnkf+K3XlD1ad9ovjQH
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/QAIAAAFAAMBE64EAwBHMEUCIQCXkzbzeWLnWHRM3WJhQuLh5Kcs8JoDXUT60mSu
qRvNKAIGIBELhFku+ggEcn75Mdeil0l6hMkodPSMJyurtSR4nSUAfgBZbmwzhpSy
WXK1Vsig6N2QSnboCD3ahzsBCDgoFDzuQAAAZyyEab1AAGAAUAADczTQQDAEw
RQIhAKLmb9j1hUF1iEh39p53IXAYyn/ZLVkshkan0lIS1rX1AiB1LmsUI+zonq9I
EbcDInhbQ0iqi5eVFSzie7bu5fmo5jANBgkqhkiG9w0BAQsFAAOCAQEATrw0pt0x
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Ly3/fit2cZ5caQb8hU8fB18K/BLEsnoTp7/x1zpVK1S1LqghbGAGC4j0xv2857o
thVKP17IF5uhJGrB6I6bGFDLoyl0tuXuSQT2GejVzgixgqqSL9LogzW0XAn0Fwb0
k4QAbRl8LZ0J+wCsiYPkhL/1i0sj0g181G1Fc1AfrvrVxMZICTnv4Q8By9+sPYqj
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XLy9zcDtBC0e0MmTtyzR+eeGKzutp7LF1PN051q2/EkVLl67e9cexIMBGXP51gez
EG4u+LNBrlFNxRhoJz+zoQ+MWLGobD62V6bmtmxCKE0QU6Zh63ujLmFR8R3dxyC8x
0U6nkfvci46Bf080Ju6petrd2y39VIFr8rN4IoN7SfAnX3y05i/JfL4a
-----END CERTIFICATE-----
1 s:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA OV R36
i:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
a:PKKEY: rsaEncryption, 3072 (bit); sigalg: RSA-SHA384
v:NotBefore: Mar 22 00:00:00 2021 GMT; NotAfter: Mar 21 23:59:59 2036 GMT
-----BEGIN CERTIFICATE-----
MITGTDCCBDSgAwIBAgIQLBo8duLD3d3/GRsxiQrtcTANBgkqhkiG9w0BAQwFADBF
MQswCQYDVQQGEwJH0jEYMBYGA1UEChMPU2VjdGlnbyBMaWlpdGVkMTYwNAYDVQDD
EY1TZWNoaWdvIFB1YmxpYyBTXJ2ZXJlZDQ0YXVudG1jYXRpb24uUm9vdCBNSNDYw
HhcNMjEwMzIyMDAwMDAwWWhcNMZyWmZIxMjM1OTU5WjBGMQswCQYDVQQGEwJH0jEY
MBYGA1UEChMPU2VjdGlnbyBMaWlpdGVkMTcwnQYDVQ0DEy5TZWNoaWdvIFB1Ymxp
YyBTXJ2ZXJlZDQ0YXVudG1jYXRpb24gQ0EgT1YgUjM2MIIBojANBgkqhkiG9w0B
AQEFAAOCAY8AMIBigKAYEApkMtJ3R06jo0fceI0M52B7K+TyMeGcv2BQ5AVc3j
LYt767vHIu/nNe22W/RJXX9rWUD/2GE6GF5x0V4bsY7K3IeJ8E7+KzG/TGboySfD
u+F52jqQBbY62ofhYjMeiAbLI02+FqwHeM8uIrUtcX8b2RCxF358TB0NHVccAXZc
FYgZndZCeXxjuca7pJJ20LLUnXtgXcjAE1vY4WvbReW0W6mkeZyNgdmpTcf5S5Y+s
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gZgNSntBRwxqIzJeP3hyd4ZuH01vk+/uP3nwdk06p95q/j7naXNCSvESnrHPypaB
WRK066nKfPRPi9m9kIOhMdYfS8giFRTcdgL24Yc1lj7ecAK9Trh0VbjwouJ4WH+x
```

```
bt47u68ZfCD/ac55I0DNHkCpaPruj6e9Rmr7K46wZDAYXuEAqB7tGG/jd6JAA+H2
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DgYDVR0PAQH/BAQDAgGMBIGAlUdEwEB/wQIMAYBAf8CAQAuHQYDVR0LBBYwFAyI
KwYBBQUHAWEGCCsGAQUFBwMCMBSGA1UdIAQUMBIwBgYEVR0gADAIbgZngQwBAgIw
VAYDVR0fBE0wSzBZoEegRYZDaHR0cDovL2Nybc5zZWNoaWdvLmNvbS9TZWN0aWdv
UHVibGljU2VydmlVYQXV0aGVudGljYXRpb255b290UjQ2LmNybDCBhAYIKwYBBQUH
AQEEeDB2ME8GCCsGAQUFBzAChkNodHRwOi8vY3J0LnNlY3RpZ28uY29tL1NlY3Rp
Z290dWJsaWNTZXJ2ZXJBdXRoZW50aWNoZGlvb1Jvb3RSNDYucDdjMCMGCCsGAQUF
BzABhhddodHRwOi8vb2Nzc5zZWNoaWdvLmNvbTANBgkqhkiG9w0BAQwFAAOCAgEA
BZXWdHWC3cubb/e1I1kzi8LPf1K/ZUoH09ufmV0rc50bYH/XKkwUexSPqRkwKFKr
7r80Ug+p7VNB8rifX6uopqKAgsVZtZsq7iAFw04To6vNcxeBt1Eush3cQ4b8nbQR
MQLChgEAqwhuXp9P48T4QEBSksYav7+aFjNySsLYLPzNmQ3RNVwBdvp6vgDtGwc
xLKQZVuuNVIAoYyls8swxDeSHKpRdxRauTLZ+pl+wGvy0pnrLEJGSz9m0Emfbod
e/XopR2NGqaHJ6bjyxPu6UtyQGI26En7UAEOzACrHz06Nx2jTAY9E6NeB6XuobE
wLK025ZrmvgLcURGIbrV24tGHHTgxCe8M3oGlpUSMTKQ2dkgljZVYt+gKdFtWELZ
MuRd+X3XsrR8LFz+alUiDRfQqhmw3RxiYjVkvvu9UPYY1nsvxYmFnUSeM+2q1z/
iPury+xDY9MC6+iHlEkT094VKdFVp7LXH42+vvU+17RoLQ2mK2N/nBLVBwaIhIb
QXw4VYKwB86Bc6e56iqsc94KEgD/U4VsJmgfhK+Xp4NM+VYzTTa3QeV3p8x0M0cw
q1p8oZFA+0Bcz3FYWpDIe5j0NwKlw9hXsTyPY/HeZUV59aksKS0SR5mdfe8WJDpX
58uB9/7Lud0G3x0pxQAcffP0ayKavNwDTw4UfJ34cEw=
-----END CERTIFICATE-----
---
Server certificate
subject=C = MY, ST = Wilayah Persekutuan Kuala Lumpur, O = Khazanah Nasional Berhad, CN = *.khazanah.com.my
issuer=C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA OV R36
---
No client certificate CA names sent
```

IPv6 Connection

IP Used	2600:9000:203f:a00:1:ca45:7c80:93a1
IP Version	6

```
depth=2 C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
verify return:1
depth=1 C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA OV R36
verify return:1
depth=0 C = MY, ST = Wilayah Persekutuan Kuala Lumpur, O = Khazanah Nasional Berhad, CN = *.khazanah.com.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = MY, ST = Wilayah Persekutuan Kuala Lumpur, O = Khazanah Nasional Berhad, CN = *.khazanah.com.my
   i:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication CA OV R36
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Mar  3 00:00:00 2026 GMT; NotAfter: Apr  3 23:59:59 2027 GMT
-----BEGIN CERTIFICATE-----
MIIHHRjCCBa6AwIBAgIRA00C1ys6qJpFsty8vFL0BugwDQYJKoZIhvcNAQELBQAw
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NjAeFw0yNjAzMDMwMDAwMDBaFw0yNzA0MDMyMzU5NTlaMHcxZCZAJBgNVBAYTAk1Z
MSkwJwYDVQQIEyBxawxheWfoIFB1cnNla3V0dWFlUietlYWxhIEx1bXB1cjEhMB8G
A1UEChMYS2hhemFuYWgWtmFzaW9uYWwgQmVyaGFkMR0wGAYDVQQDBEQlMtoYXph
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HSAEQzBBMDUGDCsGAQQBsJEBAgEDBDAlMCMGCCsGAQUFBzIBFhdodHRwczovL3Nl
Y3RpZ28uY29tL0NQUzAIbgZngQwBAgIwVAYDVR0fBE0wSzBZoEegRYZDaHR0cDov
L2Nybc5zZWNoaWdvLmNvbS9TZWN0aWdvUHVibGljU2VydmlVYQXV0aGVudGljYXRp
b250QU9wUWJjM2LmNybDCBhAYIKwYBBQUHAQEEdB2ME8GCCsGAQUFBzAChkNodHRw
Oi8vY3J0LnNlY3RpZ28uY29tL1NlY3RpZ290dWJsaWNTZXJ2ZXJBdXRoZW50aWNo
dGlvbKNBT1ZSMzYuY3J0MCMGCCsGAQUFBzABhhddodHRwOi8vb2Nzc5zZWNoaWdv
LmNvbTAtBgNVHREEEjAKghEqLmtoYXphbmFoLmNvbS5teYIPa2hhemFuYWgWY29t
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2zIQ2EzmyLLjgJkXm9ZnwAAZyyEadnAAAEAwBIMEYCIQDicachGQpRHK8zcy0M
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qRvNKAiGIBELhFKu+ggEcn75Mdei0L6hMkodPSMJyurtSR4nSUAfGBZbmwzhSpY
WXK1Vsig6N2QSnboCD3ahzsBCDgoFDzuwQAAAYzyEab1AagAAUAADczTQDDAEcw
RQIhAKLMb9j1hUf1iEh39pS3IXAYyn/ZLVkshkaN0LIS1rXIAiBLmsUI+zonq9I
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```

```
0w6a5KNfhF0cjwYbG3nq/8Fp3GpqaNGdsFm4F+vh8Mx0laqpwsa88za/zC0Vkoj1
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-----END CERTIFICATE-----
1 s:C = GB, 0 = Sectigo Limited, CN = Sectigo Public Server Authentication CA OV R36
i:C = GB, 0 = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
a:PKKEY: rsaEncryption, 3072 (bit); sigalg: RSA-SHA384
v:NotBefore: Mar 22 00:00:00 2021 GMT; NotAfter: Mar 21 23:59:59 2036 GMT
-----BEGIN CERTIFICATE-----
MIITDCCBDSgAwIBAgIQLBo8duLD3d3/GRsxiQrtcTANBgkqhkiG9w0BAQwFADBF
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MBYGA1UEChMPU2VjdGlnbyBMaWpdGvknMTcwNQYDVQDEy5TZWN0aWdvIFB1Ymxp
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58uB9/7Lud0G3x0pxQAcffP0ayKavNwDTw4UfJ34cEw=
-----END CERTIFICATE-----
---
Server certificate
subject=C = MY, ST = Wilayah Persekutuan Kuala Lumpur, O = Khazanah Nasional Berhad, CN = *.khazanah.com.my
issuer=C = GB, 0 = Sectigo Limited, CN = Sectigo Public Server Authentication CA OV R36
---
No client certificate CA names sent
```



HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	403
Connected IP	65.9.168.87
Connect Time	17.8 ms
TTFB	50.11 ms
Total Time	50.2 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Server: CloudFront",
  "2": "Date: Fri, 03 Jul 2026 19:48:02 GMT",
  "3": "Content-Type: text/html",
  "4": "Content-Length: 167",
  "5": "Connection: keep-alive",
  "6": "Location: https://khazanah.com.my/",
  "7": "X-Cache: Redirect from cloudfront",
  "8": "Via: 1.1 0b64fe403ecf9674f7ad43833d400c0e.cloudfront.net (CloudFront)",
  "9": "X-Amz-Cf-Pop: SIN3-P4",
  "10": "X-Amz-Cf-Id: MZ3z1KVWqhWDejmPX5krOb7ySNOHsFGVFr3fqKzwwy-iXpXb-PJNw==",
  "12": "HTTP/2 403",
  "13": "server: CloudFront",
  "14": "date: Fri, 03 Jul 2026 19:48:02 GMT",
  "15": "content-type: text/html",
  "16": "content-length: 919",
  "17": "x-cache: Error from cloudfront",
  "18": "via: 1.1 0b64fe403ecf9674f7ad43833d400c0e.cloudfront.net (CloudFront)",
  "19": "x-amz-cf-pop: SIN3-P4",
  "20": "x-amz-cf-id: rTWDkLljB0h_oMQc6pf1zVGdst0rlqmC0ZDItoAEZLUkZVZr6eLg0Q=="
}
```

IPv6 HTTP (port 80)

HTTP Status	403
Connected IP	2600:9000:203f:8400:1:ca45:7c80:93a1
Connect Time	16.87 ms
TTFB	46.78 ms
Total Time	46.86 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Server: CloudFront",
  "2": "Date: Fri, 03 Jul 2026 19:48:02 GMT",
  "3": "Content-Type: text/html",
  "4": "Content-Length: 167",
  "5": "Connection: keep-alive",
  "6": "Location: https://khazanah.com.my/",
  "7": "X-Cache: Redirect from cloudfront",
  "8": "Via: 1.1 11371c4bf999f8d22213b5bce1ba694.cloudfront.net (CloudFront)",
  "9": "X-Amz-Cf-Pop: SIN3-P4",
  "10": "X-Amz-Cf-Id: 5kpxUM3YvpFuEdofB_f4x788e9cWR3TIkfcWcLSv3jCs6M1LK5SxNA==",
  "12": "HTTP/2 403",
  "13": "server: CloudFront",
  "14": "date: Fri, 03 Jul 2026 19:48:02 GMT",
  "15": "content-type: text/html",
  "16": "content-length: 919",
  "17": "x-cache: Error from cloudfront",
  "18": "via: 1.1 9a8dc1c2e439a7a095dcf2dc11a9055a.cloudfront.net (CloudFront)",
  "19": "x-amz-cf-pop: SIN3-P4",
  "20": "x-amz-cf-id: pryXSwx8tUa6MZA9YgXgGEY5_ETYEsxwJxn5VTMMMTMW9TtjpEIZUg=="
}
```

IPv4 HTTPS (port 443)

HTTP Status	403
Connected IP	65.9.168.108

Connect Time	8.1 ms
TTFB	29.34 ms
Total Time	29.37 ms

Response Headers:

```
[
  "HTTP/2 403",
  "server: CloudFront",
  "date: Fri, 03 Jul 2026 19:48:02 GMT",
  "content-type: text/html",
  "content-length: 919",
  "x-cache: Error from cloudfront",
  "via: 1.1 1cad349a917665b9a8b12c2c8be3558e.cloudfront.net (CloudFront)",
  "x-amz-cf-pop: SIN3-P4",
  "x-amz-cf-id: zppmKsjrDdNuQqy1AP3fKR7sATRgjEfgY8bw2JvDg_vTywU0p7qj0Q=="
]
```

IPv6 HTTPS (port 443)

HTTP Status	403
Connected IP	2600:9000:203f:a00:1:ca45:7c80:93a1
Connect Time	11.4 ms
TTFB	33.12 ms
Total Time	33.16 ms

Response Headers:

```
[
  "HTTP/2 403",
  "server: CloudFront",
  "date: Fri, 03 Jul 2026 19:48:02 GMT",
  "content-type: text/html",
  "content-length: 919",
  "x-cache: Error from cloudfront",
  "via: 1.1 7e1828cb2f62043ddb138574ae6ab714.cloudfront.net (CloudFront)",
  "x-amz-cf-pop: SIN3-P4",
  "x-amz-cf-id: K655a-2a1ZG2X-sVM9JxsZL4AMD_c_k0jyRU4khu3dnn0kZ_zKUIAA=="
]
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.007525 0.018184
TCP Connect IPv6 → port 80	301 0.007957 0.017053
TCP Connect IPv4 → port 443	301 0.008306 0.035151
TCP Connect IPv6 → port 443	301 0.007160 0.037402

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