

IPv6 Readiness Report

islandhospital.com — islandhospital.com



Scan to verify

Category: Healthcare • Generated: 04 Jul 2026, 22:12 MYT • Last Checked: 04 Jul 2026, 03:38 MYT • Verification ID: 2a28edd3-fe3c-4283-9090-8da1589509bd

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

Audit trail: <https://ipv6.my6.my/audit/2a28edd3-fe3c-4283-9090-8da1589509bd>

<p>X</p> <p>Non-Compliant</p> <p>MGv6C-1.0</p>	<p>32%</p> <p>No IPv6 Support</p>	<p>IPv6-ONLY READINESS</p> <p>Website: X Not Ready</p> <p>DNS: X Not Ready</p> <p>Email: X Not Ready</p>
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IPv4 ADDRESSES
103.233.0.115

Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	CYPE Sdn.Bhd.
Country	MY
ASN	AS46015
ASN Name	EXABYTES-AS-AP - Exa Bytes Network Sdn.Bhd., MY
Network (CIDR)	103.233.0.0/22

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%) 0 / 5			
#	CHECK	RESULT	DETAIL
1	NS Has AAAA Record	FAIL	No nameserver has an AAAA record.
2	NS Reachable via IPv6	FAIL	No nameserver is reachable over IPv6.
3	NS Answers Queries via IPv6	FAIL	Nameserver does not answer queries 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.

#	CHECK	RESULT	DETAIL
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: default_domainkey
7	DMARC Record	PASS	DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	103.233.0.115
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 26ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 14ms TTFB.

Audit Trail & Evidence Record

Verification ID	2a28edd3-fe3c-4283-9090-8da1589509bd
Domain	islandhospital.com
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:38:27 MYT
Finished	04 Jul 2026, 03:38:49 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/2a28edd3-fe3c-4283-9090-8da1589509bd

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	e0b1cb4554aff65d305799e67d82d5488f3f36a6af7b484c3f506b4a3bf0f5b6
http_headers	a1e1b469af0fa53ad3552a02e8deb54261f6db7ad83e8365c680d8e05a60d11a
dns_responses	e5af09d3b06197056745f1be8c57bdd76ad2a1cb847c2006da0f95bf9c68941f
tls_handshake	e72a9f739e33b7ca4574029145a7ea6423a9903bb6ef0b9bb3c4765f8b12ec11
connectivity_log	aa2f6a594278f19cafd6b15112be83e4def475256374118f396bfe36d813c1fa
dns_resolution_times	0a42e046399672c55d0769f8e8d7aac94033e54475a8d5cf3d520e3f0a939a15

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	23.66	23.68	10.75	21.21	-12.9
Google	IPv4	29.93	30.81	30.09	42.72	+0.2
Google	IPv6	38.97	42.27	33.61	39.19	-5.4
Cloudflare	IPv4	9.18	21.03	8.85	8.93	-0.3
Cloudflare	IPv6	27.9	35.39	37.62	40.23	+9.7

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 44716
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
islandhospital.com. 1440 IN A 103.233.0.115
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 9048
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com. 879 IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1783107486 1800 900 604800 900
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 5511
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
islandhospital.com. 3600 IN MX 5 islandhospital-com.mail.protection.outlook.com.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 35230
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
islandhospital.com. 86400 IN NS ns18-2.mysecurewebserver.com.
islandhospital.com. 86400 IN NS ns18-1.mysecurewebserver.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 25766
;; flags: qr rd ra; QUERY: 1, ANSWER: 7, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
islandhospital.com. 14400 IN TXT "Sendinblue-code:d58e1097ecc21dc33af2d1b91bad5ceb"
islandhospital.com. 14400 IN TXT "_globalsign-domain-verification=DTqzXH0Lw391VMwIPY_tew9GVN0kwPQV2V14M5hq95"
islandhospital.com. 14400 IN TXT "MS=10867341"
islandhospital.com. 14400 IN TXT "brevo-code:f407e585b7cf623c360e21158a959b05"
islandhospital.com. 14400 IN TXT "v=spf1 a:server.veecotech.com ip4:202.188.208.74 ip4:210.19.123.202 ip4:137.59.109.92 include:spf.ess.au.barracudanetworks.com include:spf.sendinblue.com include:spf.protection.outlook.com mx ~all"
islandhospital.com. 14400 IN TXT "_globalsign-domain-verification=ljmjeAYmEoD67eLFYal8iJ9uYKuoujd_3PcNPd2rQU"
islandhospital.com. 14400 IN TXT "_globalsign-domain-verification=e1Q1nivp0rEzQ3H19EvXrWypHF4zq4jlaGjyH1rsxn"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 60320
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
islandhospital.com. 3579 IN SOA ns18-1.mysecurewebserver.com. eweehong.netx1.com. 2026062400 3600 7200 7776000 86400
```

RRSIG

```
ns18-1.mysecurewebserver.com. eweehong.netx1.com. 2026062400 3600 7200 7776000 86400
```

DNSKEY

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 49385
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
islandhospital.com. 3579 IN SOA ns18-1.mysecurewebserver.com. eweehong.netx1.com. 2026062400 3600 7200 7776000 86400
```

DNSSEC_VALIDATION

```
; unsigned answer
islandhospital.com. 86379 IN SOA ns18-1.mysecurewebserver.com. eweehong.netx1.com. 2026062400 3600 7200 7776000 86400
```


TLS Handshake Evidence

IPV4 Connection

IP Used	103.233.0.115
IP Version	4

```
depth=2 C = US, ST = New Jersey, L = Jersey City, O = The USERTRUST Network, CN = USERTrust RSA Certification Authority
verify return:1
depth=1 C = GB, ST = Greater Manchester, L = Salford, O = Sectigo Limited, CN = Sectigo RSA Domain Validation Secure Server CA
verify return:1
depth=0 CN = *.islandhospital.com
verify return:1
CONNECTED(00000010)
...
Certificate chain
0 s:CN = *.islandhospital.com
i:C = GB, ST = Greater Manchester, L = Salford, O = Sectigo Limited, CN = Sectigo RSA Domain Validation Secure Server CA
a:PKEY: rsaEncryption, 4096 (bit); sigalg: RSA-SHA256
v:NotBefore: Nov 19 00:00:00 2025 GMT; NotAfter: Dec 20 23:59:59 2026 GMT
-----BEGIN CERTIFICATE-----
MIIHRTCCBi2gAwIBAgIQYqs+ZUmfxmua52n2k+ozANBgkqhkiG9w0BAQsFADCB
jzELMAkGA1UEBhMCRC0xGzAZBgNVBAGTEkdyZWFOZDIgTWFuY2hlc3RlcjEQAQA4G
A1UEBxMHU2FzZm9yZDEYMBYGA1UEChMPU2VjdGlnbyBMaW1pdGVkMTcwNQYDVQ0D
Ey5TZWNoaWdvIFJ0SBEb21haW4gVmFsaWRhdGlvbiBTZWNIcmUgU2VydmluYiENB
MB4XDTI1MTEwOTAwMDAwMFoXDTE1MTIyMDIzNTkxOVh0ZEdmBGA1UEAwUKi5p
c2xhbmRob3NwaXRhbC5jb20wggIiMA0GCSCqGSIb3DQEBAQUAA4ICDwAwggIKAoIC
AQ0QSVCPcww56rTjwdJwM6+SJKrT9LEm7qBjyYnQAQYw8DDat+Lv2EGLyMP32xqt
fw5V35r9jIKVcVkdSRGMoskK7yhJIMFmZZ3kRT90QJ4eCyBY/a49yf5R939jEXv
DDzsgpCwVxjg4UpeEagebTNP8EDNX0LrbwutzpXaLHCQtEo0iJ5JAQB77b9TG3dx
Ca72GzLH6uCu1UsItcqh/LMZ6t4rsECAB4atGNEzgcFLS82HIVsHYgA8IGLT/Wsv
C0gwmVxwv6L201TZzcVp5MwCexOMR6sfqQbyeC8wgSCYXiZDQoJ8FM50zBCtWG
VBito8XHdtgD1VfZ4eyIEFshXh1Xu+ePMhz8BKvnr+fpaDnnc0QCx++uWFDHW+
8yT8K0RSA1e9LXZR+iUawon3thwAnBH56dIGEjPhwLG02kfHv4Za/yuD7pJgPrI
kwKveSwsPn+kxTAoK/9516sfJ005qrl1qX5rFvJBXcKsLRK2Nj f0FK7IM72rFI LU
Eoof0Lpt603YeP3KYSuV7tQVtdWY2r82xmwZXFwjDtpG0/0Qoa27zMCVMzKcXc
+4a8ICWds4Qwme0ZLcfxfj75UP5xJLzYzmbearGh02X2KD39AZ0H10IDQV9xjj6Rl
JVL2IkqENVd7gUEWbEezfxHdmMgwepm9x/4HeoBzoruYrwIDAQBo4IDCjCCAwYw
HwYDR0jBBgwFoAUjYxexFStiuF36Zv5mwXhuAGNYeEwHQYDVR00BBYEFEF6VaPCD
7N19Q02BRLQ1LCGE6cRRMA4GA1UdDwEB/wQEAwIFoDAMBgNVHRMBAf8EAjAAMB0G
A1UdJQ0WMBQGCCsGAQUFBwMBBggrBgEFBQcDAjBjBGNVHSAEQjBAMDQyGCSGAQ0B
sJEBAGIHMCIWIKwYBBQUHAQEWF2h0dHBz0i8vc2VjdGlnby5jb20vQ1BTMAgG
BmeBAEACATCBhYIKwYBBQUHAQEEDB2ME8GCCsGAQUFBzAChkNodHRwOi8vY3J0
LnNlY3R3p228uY29tL1NlY3R3p229SU0FEb21haW5WYwpxZGF0aW9uU2VjdXJlU2Vy
dmY0QEUyY3J0MCMGCCsGAQUFBzABhhdodHRwOi8vbn2c5zZWNoaWdvLmNvbTAz
BGNVHREELDAqghQqLmLzbGFuZGhvc3BpdGFsLmNvbYiSaXNsYW5kaG9zcG8yYWw
Y29tMIBFgYKKwYBBAAHQEIEAGSCAW4EggFqAwAdgDYCVU7LE96/8gWGW+UT4Wr
sPj8XodVJg8V055yUoVLFAAAAZqZwY+vAAEAwBHMEUCIQDybo//eo5UuysUdLIX
+WwRbDn/Sa00bqcvXf4kcIyYrQIGT9/LgXai5Wkm/qIYciISQ8IxfxJmJpe2n
avr67k8AdwCvZ4g7V7B03Y+m2X72LqjrgQrHcWdWJF5V1gw54WH0gAAAZqZwZAp
AAEAwBIMEYCIQ0DAHxwvSBgiatneobTOUI3zP1qbxpZBknxUgJ0jAQIhAPBU
9bjCCn9nbx0kFczLnu+iRsnXqzNzYubVH9qUFDNIAHUARkSwcZr7IQx9BP59JfF
ER5CJE0x8qAMTzwr06ceAsMAAGamcGPQGAABAMARjBEAiBg0Yagdo4uB8yJkvom
9HRsCFks7LX1p2ILrW0L+FiwgAIGBv6wYmNsWoolbKCPK1iLhSWBC/z6mzurztOE
0d2WYfwDQYK0ZihvNAQLBQADggEBAFgDeH2GrrmIN5VzmPy3tubfzr8n06LZ
QBeTknXwKz7vjA2mUz3s006CdsgrVrPdhnc/h1C4LIY9g9LcyDU/BwFK3IC8N
HOPDZFfa5uEjDmXrMDIu50Z76D2j1gf2RID1vYIXkhihoq9ZZZiB5qd84v/K6z2j
mojUj/hsRrhag6kxv0zyh8QKZMwhqBxD5YVqStcFeSe0mRNb1w6/SNr7d5rGE6Kt1r
D1FRt3wap4GBRzNxA5e9TZLkUo7JqPcrc3i0ys+HXn0hDnIjLQf8msF/u0J5FU28
7KQmwRbwTz6REIq4ZUs8oBEP3Vs2En5f2rYz/EGG003RU/Gj5TpwM=
-----END CERTIFICATE-----
1 s:C = GB, ST = Greater Manchester, L = Salford, O = Sectigo Limited, CN = Sectigo RSA Domain Validation Secure Server CA
i:C = US, ST = New Jersey, L = Jersey City, O = The USERTRUST Network, CN = USERTrust RSA Certification Authority
a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA384
v:NotBefore: Nov 2 00:00:00 2018 GMT; NotAfter: Dec 31 23:59:59 2030 GMT
-----BEGIN CERTIFICATE-----
MITIGezCCA/ugAwIBAgIQfvtrJR2uhHdbYLvFmNpzANBgkqhkiG9w0BAQwFADCB
iDELMAkGA1UEBhMCVVMxZzARBGNVBAgTCk5ldyBkZkZjZzXkxkFDASBgNVBACTC0pl
cnNleSBDAxR5MR4wHAYDVQQKEVUaGUgVVNFUjRSV5VWVUUE5ldHdvcmxlcjAsBgNV
BAMTJVVTRVJUCnVzdCBSU0EgQ2VydGlnbWNoaWdvbiBBDXRob3JpdHkHhcnMTGj
MTAyMDAwMDAwMzAxMjMxMjM1OTU5wUjCBjzELMAkGA1UEBhMCRC0xGzAZBgNV
BAGTEkdyZWFOZDIgTWFuY2hlc3RlcjEQAQA4GA1UEBxMHU2FzZm9yZDEYMBYGA1UE
ChMPU2VjdGlnbyBMaW1pdGVkMTcwNQYDVQ0DEy5TZWNoaWdvIFJ0SBEb21haW4g
VmFsaWRhdGlvbiBTZWNIcmUgU2VydmluYiENBMBIIIBIjANBgkqhkiG9w0BAQEFAAO
AQ8AMIIBCgKCAQEAInMz1tc8INAA0hdFuNY+B6I/x0HuMjDJsGz99J/LEppPLT+N
TQEMgg8Xf2Iu6bhIefswg06t1zILk7chv7LQ6GLmWAQ6Tn/2YHKXyYQdQAJrkj
eocgHuP/IJo8LURvh3UGKEC0MpmWCRAIz753YcPb11RFGoKacVPAXJpz90TTG0E
oKMBgn6xmrxz27FN3ifmgg0+1YuWMQJdgZk7w33PGfKgioVrCso1yfu41YCBsk
Haswha6vsC6eep3BwEic4gLw6uBK0u+QDrTBQBbwb4VCSmT3pDCg/r8uoydajotY
uK3DGRReY+1Vv2Dy2A0xHS+5p3b4eTlygxfFQIDAQABo4IBBjCCAWowHwYDR0j
```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	103.233.0.115
Connect Time	9.04 ms
TTFB	24.83 ms
Total Time	24.91 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Server: nginx",
  "2": "Date: Fri, 03 Jul 2026 19:38:49 GMT",
  "3": "Content-Type: text/html",
  "4": "Content-Length: 162",
  "5": "Connection: keep-alive",
  "6": "Location: https://islandhospital.com/",
  "8": "HTTP/2 200",
  "9": "server: nginx",
  "10": "date: Fri, 03 Jul 2026 19:38:49 GMT",
  "11": "content-type: text/html; charset=UTF-8",
  "12": "vary: Accept-Encoding",
  "13": "vary: Accept-Encoding",
  "14": "last-modified: Fri, 03 Jul 2026 18:47:33 GMT",
  "15": "x-frame-options: SAMEORIGIN",
  "16": "x-content-type-options: nosniff",
  "17": "x-xss-protection: 1; mode=block",
  "18": "x-permitted-cross-domain-policies: master-only",
  "19": "alt-svc: h3=\":443\"; ma=86400"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	103.233.0.115
Connect Time	1.92 ms
TTFB	12.79 ms
Total Time	12.82 ms

Response Headers:

```
[
  "HTTP/2 200",
  "server: nginx",
  "date: Fri, 03 Jul 2026 19:38:49 GMT",
  "content-type: text/html; charset=UTF-8",
  "vary: Accept-Encoding",
  "vary: Accept-Encoding",
  "last-modified: Fri, 03 Jul 2026 18:47:33 GMT",
  "x-frame-options: SAMEORIGIN",
  "x-content-type-options: nosniff",
  "x-xss-protection: 1; mode=block",
  "x-permitted-cross-domain-policies: master-only",
  "alt-svc: h3=\":443\"; ma=86400"
]
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.002554 0.005176
TCP Connect IPv4 → port 443	200 0.002984 0.023476

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
```