IPv6 Readiness Report

tvalhijrah.com — tvalhijrah.com

Scan to verify

Category: Media • Generated: 29 Jul 2026, 05:23 MYT • Last Checked: 04 Jul 2026, 03:41 MYT • Verification ID: 9fcc021c-2216-48f9-a2f7-67ce6bee741b
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/9fcc021c-2216-48f9-a2f7-67ce6bee741b

✗
Non-Compliant
MGv6C-1.0

32%
No IPv6 Support

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

IPV4 ADDRESSES
43.252.215.17

Network Information (WHOIS / RDAP)

	IPv4 Network
Organization	Exa Bytes Network Sdn.Bhd.
Country	MY
ASN	AS46015
ASN Name	EXABYTES-AS-AP - Exa Bytes Network Sdn.Bhd., MY
Network (CIDR)	43.252.212.0/22

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	No common DKIM selector found.
7	**DMARC Record**	PASS	DMARC record found.

IPv4 Baseline (15%) — 3 / 3

#	CHECK	RESULT	DETAIL
1	**A Record**	PASS	43.252.215.17
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 673ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 660ms TTFB.

Audit Trail & Evidence Record

Verification ID	9fcc021c-2216-48f9-a2f7-67ce6bee741b
Domain	tvalhijrah.com
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:41:29 MYT
Finished	04 Jul 2026, 03:41:56 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/9fcc021c-2216-48f9-a2f7-67ce6bee741b

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	9acc65d29453292fa3589108047becca35f77a0f150a6300ebac65fc8f93eab7
http_headers	d55161553ecb5aa830293f2c45fd4830d1282a7588f5e59503b1c0032ee4c0f3
dns_responses	65925c3ceea5a17389210176a3d6e1f78eddf0e8a101231009ea62abd6641d62
tls_handshake	31c4be74673e1db812e27f5fddae995fe1021f9c85735831b7a59b56ddd3d8f7
connectivity_log	8e612f052907a7f89c68997f25f1f44e5b7165f341c9f2acd11055ecd13c2c3e
dns_resolution_times	dd004666aa2de1e2daa801cd68e6a7ad78ee8786b13cac7e57e0e317dc296137

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	10.23	21.29	14.7	23.41	+4.5
Google	IPv4	35.45	41.58	42.07	46.18	+6.6
Google	IPv6	45.46	47.84	30.83	31.6	-14.6
Cloudflare	IPv4	10.43	10.64	11.15	21.23	+0.7
Cloudflare	IPv6	24.76	55.29	23.42	54.92	-1.3

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 63060
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
tvalhijrah.com.□□3600□IN□A□43.252.215.17
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 20263
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.□□□876□IN□SOA□a.gtld-servers.net. nstld.verisign-grs.com. 1783107666 1800 900 604800 900
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 36691
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
tvalhijrah.com.□□3600□IN□MX□30 filter30.antispamcloud.com.
tvalhijrah.com.□□3600□IN□MX□40 filter40.antispamcloud.com.
tvalhijrah.com.□□3600□IN□MX□10 filter10.antispamcloud.com.
tvalhijrah.com.□□3600□IN□MX□20 filter20.antispamcloud.com.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 35943
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
tvalhijrah.com.□□3600□IN□NS□ns3.wpdns.com.
tvalhijrah.com.□□3600□IN□NS□ns1.wpdns.com.
tvalhijrah.com.□□3600□IN□NS□ns2.wpdns.com.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 30061
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
tvalhijrah.com.□□3600□IN□TXT□"v=spf1 mx a include:securessl.net -all"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 42206
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
tvalhijrah.com.□□3576□IN□SOA□kldns3. hostmaster. 86 900 600 86400 3600
```

RRSIG

```
kldns3. hostmaster. 86 900 600 86400 3600
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 36077
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
tvalhijrah.com.□□3576□IN□SOA□kldns3. hostmaster. 86 900 600 86400 3600
```

DNSSEC_VALIDATION

```
; unsigned answer
tvalhijrah.com.□□3576□IN□SOA□kldns3. hostmaster. 86 900 600 86400 3600
```

TLS Handshake Evidence

IPV4 Connection

IP Used	43.252.215.17
IP Version	4

```
depth=2 C = US, O = Internet Security Research Group, CN = ISRG Root X1
verify return:1
depth=1 C = US, O = Let's Encrypt, CN = R13
verify return:1
depth=0 CN = www.tvalhijrah.com
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:CN = www.tvalhijrah.com
   i:C = US, O = Let's Encrypt, CN = R13
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: May 10 02:14:45 2026 GMT; NotAfter: Aug  8 02:14:44 2026 GMT
-----BEGIN CERTIFICATE-----
MIIFDTCCA/WgAwIBAgISBcOq7xI1wiG0GjwK93BciTpBMA0GCSqGSIb3DQEBCwUA
MDMxCzAJBgNVBAYTAlVTMRYwFAYDVQQKEw1MZXQncyBFbmNyeXB0MQwwCgYDVQQD
EwNSMTMwHhcNMjYwNTEwMDIxNDQ1WhcNMjYwODA4MDIxNDQ0WjAdMRswGQYDVQQD
ExJ3d3cudHZhbGhpanJhaC5jb20wggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEK
AoIBAQDMVLTu3yLVJJTh3nS6CZMYsUrXojhGqtNrsIDOfUWVIn7FPSSpTlMa2uNj
DPB1wHqLSZ7xI6ZmHLLWqGo+i2u/OSHJdFYd47ALVK7tinrhtsEwtFDRS0fuLMAZ
oqNLWuPZ2dVVbJe5pax/6I+3UXCY4ArPSkdIhNxvxAJ1VUpApPaANNZEbrpiTAkm
giAh6uGXGITu9RIUc3nBovDINHU0JkN5oVfCgF87nU0nkH4typZpy2h745wv/a3E
T8nsXjdXZ5P/OSMClVoxGvt0HWCC0I4oAgn0nNEbYc+KFoXl20PS87cz6tYbapKA
zmb6iGTpMCN+mvMcSOboOVACOhdjAgMBAAGjggIvMIICKzAOBgNVHQ8BAf8EBAMC
BaAwEwYDVR0lBAwwCgYIKwYBBQUHAwEwDAYDVR0TAQH/BAIwADAdBgNVHQ4EFgQU
XZAGpmgYI+IRs/TGbkyR8YAavlswHwYDVR0jBBgwFoAU56ufDywzoFPTXk94yLKE
DjvWkjMwMwYIKwYBBQUHAQEEJzAlMCMGCCsGAQUFBzAChhdodHRwOi8vcjEzLmku
bGVuY3Iub3JnLzAtBgNVHREEJjAkgg50dmFsaGlqcmFoLmNvbYISd3d3LnR2YWxo
aWpyYWguY29tMBMGA1UdIAQMMAowCAYGZ4EMAQIBMC4GA1UdHwQnMCUwI6AhoB+G
HWh0dHA6Ly9yMTMuYy5sZW5jci5vcmcvNjYuY3JsMIIBCwYKKwYBBAHWeQIEAgSB
/ASB+QD3AHUA1219ENGn9XfCx+lf1wC/+YLJM1pl4dCzAXMXwMjFaXcAAAGeD9/y
WgAABAMARjBEAiAu4SCwmeVM3lPCeCLsMkTxm4DW4ittjIo/KKW3v8F2HwIgSDu7
0BgQy0yhTprK1Sydw8/NoVyyGSI+d4jWu99xGNMAfgBs/lAZQ6heqRa8UtEz5NzJ
HvFBHH0lhCDRc4CeGBjrOgAAAZ4P3/V3AAgAAAUACspspwQDAEcwRQIhAJwPLlxJ
aCd+97mEHlIz4GpVe1gIZsaQk3RGFIbO+x4VAiBrZoLwAVxfJiTC4xart6Ine0fp
EsvCAobq4ZmN03tPITANBgkqhkiG9w0BAQsFAAOCAQEALKXEvWZcjKAjhcnGQH6I
UV2jXdMSCl67daasoVDv/ZzEbnnKtFE6WdVFwzs1+2VwmV4N7aIo9uiqBNwxHWlf
P9XDLjr4pcV16LtsEVvX3DQpW/2mK/tUTAqxnmUlJO1xSCU/tIBG8SJ4K3k6/Mop
zRmXI9nyNUawjYDGf+TIQcetALQgA5UApcVY1B0HQlFnakcY42JVnroIUguXjtAF
xENqOzSUYUngCuheYQw3DAnIwwNbrJ2PHiBsX/0r3PUPA3xhEyyd6FISkA+jTF/r
AhS2/UGYjlWIjUyINa/nhCiLNFSm6uJROHNDawDECDo7Q2iIrO4dCBDxKA8Xqgzr
xA==
-----END CERTIFICATE-----
 1 s:C = US, O = Let's Encrypt, CN = R13
   i:C = US, O = Internet Security Research Group, CN = ISRG Root X1
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Mar 13 00:00:00 2024 GMT; NotAfter: Mar 12 23:59:59 2027 GMT
-----BEGIN CERTIFICATE-----
MIIFBTCCAu2gAwIBAgIQWgDyEtjUtIDzkkFX6imDBTANBgkqhkiG9w0BAQsFADBP
MQswCQYDVQQGEwJVUzEpMCcGA1UEChMgSW50ZXJuZXQgU2VjdXJpdHkgUmVzZWFy
Y2ggR3JvdXAxFTATBgNVBAMTDElTUkcgUm9vdCBYMTAeFw0yNDAzMTMwMDAwMDBa
Fw0yNzAzMTIyMzU5NTlaMDMxCzAJBgNVBAYTAlVTMRYwFAYDVQQKEw1MZXQncyBF
bmNyeXB0MQwwCgYDVQQDEwNSMTMwggEiMA0GCSqGSIb3DQEBAQUAA4IBDwAwggEK
AoIBAQClZ3CN0FaBZBUXYc25BtStGZCMJlA3mBZjklTb2cyEBZPs0+wIG6BgUUNI
fSvHSJaetC3ancgnO1ehn6vw1g7UDjDKb5ux0daknTI+WE41b0VYaHEX/D7YXYKg
L7JRbLAaXbhZzjVlyIuhrxA3/+OcXcJJFzT/jCuLjfC8cSyTDB0FxLrHzarJXnzR
yQH3nAP2/Apd9Np75tt2QnDr9E0i2gB3b9bJXxf92nUupVcM9upctuBzpWjPoXTi
dYJ+EJ/B9aLrAek4sQpEzNPCifVJNYIKNLMc6YjCR06CDgo28EdPivEpBHXazeGa
XP9enZiVuppD0EqiFwUBBDDTMrOPAgMBAAGjgfgwgfUwDgYDVR0PAQH/BAQDAgGG
MB0GA1UdJQQWMBQGCCsGAQUFBwMCBggrBgEFBQcDATASBgNVHRMBAf8ECDAGAQH/
AgEAMB0GA1UdDgQWBBTnq58PLDOgU9NeT3jIsoQOO9aSMzAfBgNVHSMEGDAWgBR5
tFnme7bl5AFzgAiIyBpY9umbbjAyBggrBgEFBQcBAQQmMCQwIgYIKwYBBQUHMAKG
Fmh0dHA6Ly94MS5pLmxlbmNyLm9yZy8wEwYDVR0gBAwwCjAIBgZngQwBAgEwJwYD
VR0fBCAwHjAcoBqgGIYWaHR0cDovL3gxLmMubGVuY3Iub3JnLzANBgkqhkiG9w0B
AQsFAAOCAgEAUTdYUqEimzW7TbrOypLqCfL7VOwYf/Q79OH5cHLCZeggfQhDconl
k7Kgh8b0vi+/XuWu7CN8n/UPeg1vo3G+taXirrytthQinAHGwc/UdbOygJa9zuBc
VyqoH3CXTXDInT+8a+c3aEVMJ2St+pSn4ed+WkDp8ijsijvEyFwE47hulW0Ltzjg
9fOV5Pmrg/zxWbRuL+k0DBDHEJennCsAen7c35Pmx7jpmJ/HtgRhcnz0yjSBvyIw
6L1QIupkCv2SBODT/xDD3gfQQyKv6roV4G2EhfEyAsWpmojxjCUCGiyg97FvDtm/
NK2LSc9lybKxB73I2+P2G3CaWpvvpAiHCVu30jW8GCxKdfhsXtnIy2imskQqVZ2m
0Pmxobb28Tucr7xBK7CtwvPrb79os7u2XP3O5f9b/H66GNyRrglRXlrYjI1oGYL/
f4I1n/Sgusda6WvA6C190kxjU15Y12mHU4+BxyR9cx2hhGS9fAjMZKJss28qxvz6
Axu4CaDmRNZpK/pQrXF17yXCXkmEWgvSOEZy6Z9pcbLIVEGckV/iVeq0AOo2pkg9
```

```
p4QRIy0tK2diRENLSF2KysFwbY6B26BFeFs3v1sYVRhFW9nLkOrQVporCS0KyZmf
wVD89qSTlnctLcZnIavjKsKUu1nA1iU0yYMdYepKR7lWbnwhdx3ewok=
-----END CERTIFICATE-----
---
Server certificate
subject=CN = www.tvalhijrah.com
issuer=C = US, O = Let's Encrypt, CN = R13
---
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 3151 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
Early data was not sent
Verify return code: 0 (ok)
---
DONE
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	43.252.215.17
Connect Time	22.83 ms
TTFB	695.49 ms
Total Time	695.58 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Fri, 03 Jul 2026 19:41:53 GMT",
    "2": "Server: Apache",
    "3": "Location: https://tvalhijrah.com/",
    "4": "Content-Type: text/html; charset=iso-8859-1",
    "6": "HTTP/1.1 200 OK",
    "7": "Date: Fri, 03 Jul 2026 19:41:53 GMT",
    "8": "Server: Apache",
    "9": "Link: <https://tvalhijrah.com/wp-json/>; rel=\"https://api.w.org/\", <https://tvalhijrah.com/wp-json/wp/v2/pages/3800>; rel=\"alternate\"; title=\"JSON\";
type=\"application/json\", <https://tvalhijrah.com/>; rel=shortlink",
    "10": "Content-Type: text/html; charset=UTF-8"
}
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	43.252.215.17
Connect Time	1.93 ms
TTFB	662.03 ms
Total Time	662.07 ms

Response Headers:


```
[
    "HTTP/1.1 200 OK",
    "Date: Fri, 03 Jul 2026 19:41:54 GMT",
    "Server: Apache",
    "Link: <https://tvalhijrah.com/wp-json/>; rel=\"https://api.w.org/\", <https://tvalhijrah.com/wp-json/wp/v2/pages/3800>; rel=\"alternate\"; title=\"JSON\";
type=\"application/json\", <https://tvalhijrah.com/>; rel=shortlink",
    "Content-Type: text/html; charset=UTF-8"
]
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.001964 0.006266
TCP Connect IPv4 → port 443	200 0.002146 1.115922

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
```