


IPv6 Readiness Report

utusan.com.my — utusan.com.my

Category: News Portal • Generated: 20 Apr 2026, 21:27 MYT • Last Checked: 07 Mar 2026, 01:17 MYT • Verification ID: a7fbb8e1-9baf-41b0-9117-d051daeabaf0

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

Audit trail: <https://ipv6.my6.my/audit/a7fbb8e1-9baf-41b0-9117-d051daeabaf0>



Partially Compliant

MGv6C-1.0

73%

Partial Support

IPv6-ONLY READINESS

Website: ✓ Ready

DNS: ✓ Ready

Email: ✗ Not Ready

IPv6 ADDRESSES	IPv4 ADDRESSES
2606:4700:20::ac43:46a5	172.67.70.165
2606:4700:20::681a:2	104.26.1.2
2606:4700:20::681a:102	104.26.0.2

Network Information (WHOIS / RDAP)

	IPv6 Network	IPv4 Network
Organization	Cloudflare, Inc.	Cloudflare, Inc.
Country	US	US
ASN	AS13335	AS13335
ASN Name	CLOUDFLARENET - Cloudflare, Inc., US	CLOUDFLARENET - Cloudflare, Inc., US
Network (CIDR)	2606:4700::/32	172.64.0.0/13

Web Services (35%) 8 / 8			
#	CHECK	RESULT	DETAIL
1	AAAA Record	PASS	2606:4700:20::ac43:46a5, 2606:4700:20::681a:2, 2606:4700:20::681a:102
2	Globally Routable IPv6	PASS	All addresses are globally routable.
3	HTTP over IPv6	PASS	HTTP (port 80) responds over IPv6 — 904ms TTFB.
4	HTTPS over IPv6	PASS	HTTPS (port 443) responds over IPv6 — 787ms TTFB.
5	IPv6-Only Reachability	PASS	Site is fully reachable via IPv6-only.
6	TLS Certificate Valid (IPv6)	PASS	Certificate valid — issued by C = US, O = Google Trust Services, CN = WE1, expires Apr 16 03:51:04 2026 GMT
7	Dual-Stack (IPv4 + IPv6)	PASS	Domain has both A and AAAA records.
8	HTTP/3 (QUIC)	PASS	Alt-Svc: h3 header 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	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.

#	CHECK	RESULT	DETAIL
8	Signing Algorithm	INFO	No DNSKEY record found.

Email Services (25%) 2 / 6

#	CHECK	RESULT	DETAIL
1	MX Record Exists	FAIL	No MX record found in DNS.
2	MX Server Has IPv6	FAIL	MX server has no IPv6 address.
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	172.67.70.165, 104.26.1.2, 104.26.0.2
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 773ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 722ms TTFB.

Audit Trail & Evidence Record

Verification ID	a7fbb8e1-9baf-41b0-9117-d051daeabaf0
Domain	utusan.com.my
Check Mode	Manual
Status	Completed
Started	07 Mar 2026, 01:17:05 MYT
Finished	07 Mar 2026, 01:17:31 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/a7fbb8e1-9baf-41b0-9117-d051daeabaf0

Integrity Verification

<p>✓ INTEGRITY VERIFIED</p>	
Algorithm	hmac-sha256-v1
Root Hash	01150b0aff676503bef897b09f558e6fc17223d2dcd81a6adf55b0f1b0cf0fc5
http_headers	ecccc878ee6160b27fab5e15ddb59968348a9617a0f586fb5c100bfb9597268
dns_responses	cabd5281d8b6f0218d41da83642930be5f2cb73a3aca7d8a4178095b8e20efce
tls_handshake	bc77505b55048b29712e0f74c24abc6891c66acb9f0133a732431446bc24ba28
connectivity_log	d8b5088d02afcbb8d3d29d7193cdb5a5f014437d4f49e76c9e99a4874fee23a
dns_resolution_times	1589dd5ecb7d9f299c848694c47f559289cf698834f3ccfbd66c20c76662e1a4

Test Node Identity

Os	Linux srv1440888 6.8.0-101-generic #101-Ubuntu SMP PREEMPT_DYNAMIC Mon Feb 9 10:15:05 UTC 2026 x86_64
Hostname	srv1440888
Php Version	8.3.30
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	6.99	7.91	7.98	16.3	+1
Google	IPv4	28.2	36.99	32.18	32.53	+4
Google	IPv6	29.92	30.94	19.84	31.59	-10.1
Cloudflare	IPv4	10.94	20.85	10	18.18	-0.9
Cloudflare	IPv6	18.95	22.11	22.08	29.86	+3.1

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 31047
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
utusan.com.my. 300 IN A 104.26.1.2
utusan.com.my. 300 IN A 172.67.70.165
utusan.com.my. 300 IN A 104.26.0.2
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 20424
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
com.my. 1800 IN SOA b.nic.my. hostmaster.nic.my. 2026018483 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 37852
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
utusan.com.my. 1800 IN SOA art.ns.cloudflare.com. dns.cloudflare.com. 2396839532 10000 2400 604800 1800
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 50760
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
utusan.com.my. 21600 IN NS kara.ns.cloudflare.com.
utusan.com.my. 21600 IN NS art.ns.cloudflare.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 18319
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
utusan.com.my. 300 IN TXT "google-site-verification=DZb4CXekkuMyZqENHFryhREIayU46wxyuone6UfpzQ"
utusan.com.my. 300 IN TXT "v=spf1 include:turbo-smtp.com include:spf.mailjet.com include:103.8.25.128 ?all"
utusan.com.my. 300 IN TXT "brevo-code:0464b7aec419c9117338f762b49bdfda"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 17430
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
utusan.com.my. 300 IN AAAA 2606:4700:20::681a:2
utusan.com.my. 300 IN AAAA 2606:4700:20::ac43:46a5
utusan.com.my. 300 IN AAAA 2606:4700:20::681a:102
```

RRSIG

```
art.ns.cloudflare.com. dns.cloudflare.com. 2396839532 10000 2400 604800 1800
```

DNSKEY

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 62664
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
utusan.com.my. IN SOA art.ns.cloudflare.com. dns.cloudflare.com. 2396839532 10000 2400 604800 1800
```

DNSSEC_VALIDATION

```
; unsigned answer
utusan.com.my. IN SOA art.ns.cloudflare.com. dns.cloudflare.com. 2396839532 10000 2400 604800 1800
```


TLS Handshake Evidence

IPV4 Connection

IP Used	172.67.70.165
IP Version	4

```
depth=2 C = US, O = Google Trust Services LLC, CN = GTS Root R4
verify return:1
depth=1 C = US, O = Google Trust Services, CN = WE1
verify return:1
depth=0 CN = utusan.com.my
verify return:1
CONNECTED(00000010)
...
Certificate chain
0 s:CN = utusan.com.my
i:C = US, O = Google Trust Services, CN = WE1
a:PKKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
v:NotBefore: Jan 16 02:51:06 2026 GMT; NotAfter: Apr 16 03:51:04 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDqjCCA0+gAwIBAgIQeCMAWe5AhE0RibgXAGShYjAKBggqhkJOPQDAjA7MQsw
CQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZpY2VzMQwwCgYD
VQ0EwNXRTEwHhcNMjYwMTE2MDI1MTA2WhcNMjYwNDE2MDM1MTA0WjAYMRyYwFAyD
VQ0Ew11dHVzYW4uY29tLm15MFkwEwYHKoZIzj0CAQYIKoZIzj0DAQcDQgAEF0Iw
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BQcBAQR5MFAwJwYIKwYBBQUHMAAGG2h0dHA6Ly9vLnBra55nb29nL3Mvd2UxL2VD
TTAlBgggBgEFBQcwAoYzAHR0cDovL2kucGtpLmdvb2cvd2UxLmNydDpBgnVHREE
IjAggg11dHVzYW4uY29tLm15gg8qLnV0dXNhb15j2b0ubXkwEwYDVR0gBAwwCjAI
BgZngQwBAGewNgYDVR0fBc8wLTAr0CmgJ4YLaHR0cDovL2MucGtpLmdvb2cvd2Ux
L3B1RFhhcUYzVHA4LmNybDCCAQMGCSGAQQB1nkCBAIEGfEgEgFEA7wB1AA5XLLz2
rqq+MxsSmQez95Dfm8I9cTI135GpJaxhxU4hAAABm8TtoSUAQAQAEYwRAIGNElX
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jhFAtAp9Lh74Nb821dq++CC9j6bKor3PQw71WFEE
-----END CERTIFICATE-----
1 s:C = US, O = Google Trust Services, CN = WE1
i:C = US, O = Google Trust Services LLC, CN = GTS Root R4
a:PKKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA384
v:NotBefore: Dec 13 09:00:00 2023 GMT; NotAfter: Feb 20 14:00:00 2029 GMT
-----BEGIN CERTIFICATE-----
MIICnzCCAiwgAwIBAgIQf/MZd5csIkp2FV0TttaF4zAKBggqhkJOPQDAzBHM0sw
CQYDVQQGEwJVUzEiMCAGA1UEChMZR29vZ2x1IFRydXN0IFNlcnZpY2VzIExMQzEU
MBIGA1UEAxMLR1RTIFJvb3Q0UjJvHhcNMjYwMTE2MDI1MTA2WhcNMjYwNDE2MDM1
MTA0WjAYMRyYwFAyDQgAEw11dHVzYW4uY29tLm15MFkwEwYHKoZIzj0CAQYIKoZIzj0DAQcDQgAE
MDAwWjA7MQswCQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZp
Y2VzMQwwCgYDVQQDEwNXRTEwHhcNMjYwMTE2MDI1MTA2WhcNMjYwNDE2MDM1MTA0
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Z1dHTCEDhUDCR127WecPQMFcF4XGGTfn1XzthkubgdnXGh0LCgP4mMTG6J7/EFmP
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Z29vZy9yNC5jcnQwKwYDVR0fBc8wIjAgoB6gHTYaaHR0cDovL2MucGtpLmdvb2cv
ci9yNC5jcmwwEwYDVR0gBAwwCjAIBgZngQwBAGewCgYIKoZIzj0EAwMDaAAwZQIX
A0cCq1HW90VznX+0RGU1cxAQXomvtgM8zItPZCuF08jSBJSjz5keR0v9aYsAm5V
sQIwJonMaAFi54mrfhfFNZEfuNMSQ6/bIBiNliyoX46FohQvKeIoJ99cx7sUkFN
7uJw
-----END CERTIFICATE-----
2 s:C = US, O = Google Trust Services LLC, CN = GTS Root R4
i:C = BE, O = GlobalSign nv-sa, OU = Root CA, CN = GlobalSign Root CA
a:PKKEY: id-ecPublicKey, 384 (bit); sigalg: RSA-SHA256
v:NotBefore: Nov 15 03:43:21 2023 GMT; NotAfter: Jan 28 00:00:42 2028 GMT
-----BEGIN CERTIFICATE-----
MIIDejCCAmKgAwIBAgIQf+UwvzMT077dghYQST2KGzANBggqhkiG9w0BAQsFADBX
M0swCQYDVQQGEwJCRTEZMBCGA1UEChM0R2xvYmF5SU2lnb1BudilzYTEQMA4GA1UE
CxMHUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmF5SU2lnb1BSb290IENBMBA4XTIzMTEx
NTA2NDMyMVoXDTI4MDEyODAwMDA0M0wRZELMakGA1UEBHMVVMxIjAgBgNVBAoT
GUdub2dsZSBSUcVndzCBTZXJ2aWNLcyBMTEmxYDAsBgNVBAMTC0duUyBs290IFI0
MHYwEAYHKoZIzj0CAQYFK4EEACIDYgAE83Rzp2iLYK5DuDXfGTB7S0md+8FHzube
Rr1r1WEYNa5A3XP3iZEwWus87oV8okB206nGuEfyKueSkWp26bFy0Z8pn6KY019e
WIZLD6GEZQbR3IvJx3PIjGov5cSr0R2Ko4H/MIH8MA4GA1UdDwEB/wQEAwIBhAd
BgNVHSUEFjAUBgggrBgEFBQcDAQYIKwYBBQUHAwIwEgYDVR0TAQH/BAUwAwEB/zAd
BgNVHQ4EFgQUgEzW63T/STaj1dj8tT7FavCUHYwWwYDVR0jBBgwFoAUHYtmGkUN
l8qJUC99BM00qP/8/UsWNgYIKwYBBQUHAQEEDAmMCGCCsGAQUFBzChhhodHRw
```

```

0i8va55wa2kuZ29vZy9nc3IxLmNydDAtBgNVHR8EJjAKMCKgIKAEhhxodHRwOi8v
Yy5wa2kuZ29vZy9yL2dzcjEuY3JsMBMGA1UdIAQMAowCAYGZ4EMAQIBMA0GCsQg
S1b3D0EBCwUAA4IBAQAQYrSPBtYDh5bjP20BDwmk0whIDDkic574y04tfzHpn+cJ
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+5W6FoVhKNeWIP0GCBaM4C6uVdF5dTuSMVs/ZbzNnIdCp5Gxmx5ejvEau8otR/Cs
kGN+hr/W5GvT1tMBjgWKZ114//emhA1JG1BbPzoLJQvyEotc03lXjTaCzv8mEbeb
8RqZ7a2CPsgRbuVTPBwcOMBmufEUB8+FSBX6+71P0i18b4Z00FqIwwMHfs/L6K1
vepuoxtGzi4CZ68zJpiq1UvSqTbFJjtbd4seiMHL
-----END CERTIFICATE-----
---
Server certificate
subject=CN = utusan.com.my
issuer=C = US, O = Google Trust Services, CN = WE1
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: ECDSA
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 2830 bytes and written 395 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_256_GCM_SHA384
Server public key is 256 bit
Secure Renegotiation IS NOT supported
Compression: NONE
Expansion: NONE
No ALPN negotiated

```

IPv6 Connection

IP Used	2606:4700:20::ac43:46a5
IP Version	6

```

depth=2 C = US, O = Google Trust Services LLC, CN = GTS Root R4
verify return:1
depth=1 C = US, O = Google Trust Services, CN = WE1
verify return:1
depth=0 CN = utusan.com.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
0 s:CN = utusan.com.my
  i:C = US, O = Google Trust Services, CN = WE1
  a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
  v:NotBefore: Jan 16 02:51:06 2026 GMT; NotAfter: Apr 16 03:51:04 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDqjCCA0+gAwIBAgIQeCMAWe5AhE0RiBgxAGShYjAKBggqhkiOPOQDAjA7MQsw
CQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZpY2VzMQwwCgYD
VQQDEwNXRTEwHhcnMjYwMTE2MDI1MTA2WncNMjYwNDE2MDM1MTA0WjAYMRwFAyD
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s39M1eDw1z6wLzWvsRfC9GJHOUw7KwG3//HZ4KrQDY8mM0jazJ2m5Fa8tzUR6B
x+AGeCsMrYAhE0itHqOCAlywggJSMa4GA1UdDwEB/wQEAwIHGDATBgNVHSUEDDAK
BggrrBgEFBQCDATAMBgNVHRMBAf8EAjAAMB0GA1UdDgQWBQJFidg1pct9F9BZRk9
sqdNBrr0dPjAfbgNVHSMEDAwgBSQd5I1Z8T/qMyP5nvZgHl7zJP50DBeggrBgEF
BQcBAQRSMFwJwYIKwYBBQUHMAAGG2h0dHA6Ly9vLnBra55nb29nL3Mvd2UxL2V2
TTAlBggrrBgEFBQcAoYzAhR0cDovL2kucGtpLmdvb2cvd2UxLmNydDapBgNVHREE
IjAggg1ldHVzYW4uY29tLm15gg8qLnV0dXNhbi5jb20ubXkwEwYDVR0gBAwwCjA1
BgZngQwBAGwNgYDVR0fBc8wLTAroCmgJ4Y1aHR0cDovL2MucGtpLmdvb2cvd2Ux
L3B1RFhhcUYzVHA4LmNybDCCAQMGCisGAQQB1nkCBAlEgfQEGfEA7wB1AA5X1Lz
rqk+MxsSmQez95dfm8I9cTIL35GpJaxhx4hAAABm8T5to5AAAQDAEYwRAIgneLX
XIEBA6l0u3X028Hv6UR7GSinwNjDzwdpaGaVM5ACIAUG3Bo9NzZoEWiY5f74WBcw
6DJPKmkhFkXhLUGpMLV8AHYA2BHEbKQ57KeJHKICLgC8q08oB90eNSer6v7VA8L9
zFAAAAGbx02jrwAABAMARzBFAiEAjwowLDp13Iw1QBd0LUXq1fD4RvHJVgdcCKy
J1S1BUACIBifqUBxalCNEpwp81Sj1W90wLehIYN2HuoFoADfAHqGMAoGCCqGSM49
BAMCA0kAMEYCIQC+vLKG7FZIBnbkZrnmjF0yaLZ45T3JXZ8ibVfHx+1+QIHAnG6
jhFtAp9Lh74Nb821dq++CC9j6bKor3PQw71WfEE
-----END CERTIFICATE-----
1 s:C = US, O = Google Trust Services, CN = WE1
  i:C = US, O = Google Trust Services LLC, CN = GTS Root R4
  a:PKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA384
  v:NotBefore: Dec 13 09:00:00 2023 GMT; NotAfter: Feb 20 14:00:00 2029 GMT
-----BEGIN CERTIFICATE-----
MIICnzCCAiWgAwIBAgIQf/MZd5csIkp2FV0TttaF4zAKBggqhkiOPOQDAzBHM0sw
CQYDVQQGEwJVUzEeMCAGA1UEChMZ29vZ2x1IFRydXN0IFNlcnZpY2VzIExMQzEU
MBIGA1UEAxMLR1RTIFJvb3QgUjQwHhcnMjYwMDE2MDM1MTA0WjAYMRwFAyD
MDAwWjA7MQswCQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZp
Y2VzMQwwCgYDVQQDEwNXRTEwHhcnMjYwMDE2MDM1MTA0WjAYMRwFAyD

```

```

Z1dHTCEDhUDCR127WecPQMFcF4XGGTfn1XzthkubgdnXGh0LCgP4mMTG6J7/EFmP
LcAY9eYmJbsPAvpW04H+MIH7MA4GA1UdDwEB/wQEAWIBhJAdBgNVHSUEFjAUBggg
BgEFBQcDAQYIKwYBBQUHAWIwEgYDVROTAQH/BAGwBgEB/wIBADAdBgNVHQ4EFgQU
kHeSNWfE/6jMqeZ72YB5e8yT+TgwHwYDVR0jBBgwFoAUgEzW63T/STaj1dj8tT7F
avCUHYwWNAyIKwYBBQUHAQEEDAmMCGCCsGAQUFBzAChhhodHRwOi8vaS5wa2Yku
Z29vZy9yNC5jcnQwKwYDVR0fBCQwIjAgoB6GHIYaHR0cDovL2MucGtpLmdvb2cv
ci9yNC5jcmwEwYDVR0gBAwwCjAIBgZngQwBAGwEwCgYIKoZIzj0EAwMDaAAwZQIX
A0cCq1HW900VznX+0RGU1cxAQXomvtgMBzITPZCuF08jSBJJz5keR0v9aYsAm5V
sQIUwJonMaAFi54mrfhf0FNZEfuNMSQ6/bIBiNLiyoX46FohQvKeIoJ99cx7sUkFN
7uJw
-----END CERTIFICATE-----
2 s:C = US, 0 = Google Trust Services LLC, CN = GTS Root R4
i:C = BE, 0 = GlobalSign nv-sa, OU = Root CA, CN = GlobalSign Root CA
a:PKKEY: id-ecPublicKey, 384 (bit); sigalg: RSA-SHA256
v:NotBefore: Nov 15 03:43:21 2023 GMT; NotAfter: Jan 28 00:00:42 2028 GMT
-----BEGIN CERTIFICATE-----
MIIDejCCAmKgAwIBAgIQf+UwvzMTQ77dghYQST2KGzANBgkqhkiG9w0BAQsFADBX
M0sCQyDVQGEwJCRTEZMBCGA1UEChM0R2xvYmFsU2lnb1BudilzYTEQMA4GA1UE
CxMHUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnb1BSb290IENBMB4XDTEzMTEx
NTAzMDMyMVoXDTI4MDEyODAwMDA0M1owRzELMAkGA1UEBhMCMVVMxIjAgBgNVBAoT
GUdub2dsZSBUcnVzdCBTZXJ2aWNLcyBMTExFMDASBgNVBAMTC0UUYyB5b290IFl0
MHYwEAYHKoZIzj0CAQYFK4EEACIDYgAE83Rzp2iLYK5DuDXFgTB7S0md+8Fhzube
Rr1r1WEYNa5A3XP3iZEwLus87oV8okB206nGuEfyKueSkWpz6bFy0Z8pn6KY019e
WIZLD6GEZQbR3IvJx3PIjGov5cSr0R2Ko4H/MIH8MA4GA1UdDwEB/wQEAWIBhJAd
BgNVHSUEFjAUBgggBgEFBQcDAQYIKwYBBQUHAWIwDwYDVR0TAQH/BAUwAwEB/zAd
BgNVHQ4EFgQUgEzW63T/STaj1dj8tT7FavCUHYwWNAyIKwYDVR0jBBgwFoAUyHtmGkUN
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Oi8vaS5wa2kuZ29vZy9nc3IxlMlNyYDAtBgNVHR8EJjAKMCKgIKAEhhxodHRwOi8v
Yy5wa2kuZ29vZy9yL2dzcjEuY3J5SMBMGA1UdIAQMMAowCAYGZ4EMAQIBMA0GCsG
SIB3DQEBcUAA4IBAAYQrsPBtYdh5bjP20BDwmk0WhIDDkic574y04tfzHpn+cJ
odI2D4SseesQ6bDrarZ7C30ddLibZatoKiws3UL9xnELz4ct92vID24FfVbiI1Hy
+SW6FoVHhNeWIP0GCbaM4C6uVdF5dTUsMVs/ZbzNnIdCp5Gmx5ejvEau8otR/Cs
kGN+hr/W5GvT1tMBjgWKZ1i4//emhA1JG1BbPz0LJQvyEotc03LXjTaCzv8mEbeb
8RqZ7a2CpSgRbuVTPBwCMBBmuFeU88+FSBX6+7iP0i18b4Z00FqIwwMHfs/L6K1
vepuoxtGzi4CZ68zJpiq1UvSqTbFjtbD4seiMHL
-----END CERTIFICATE-----
---
Server certificate
subject=CN = utusan.com.my
issuer=C = US, 0 = Google Trust Services, CN = WE1
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: ECDSA
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 2831 bytes and written 395 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_256_GCM_SHA384
Server public key is 256 bit
Secure Renegotiation IS NOT supported
Compression: NONE
Expansion: NONE
No ALPN negotiated

```



```

"43": "x-content-security-policy: img-src *; media-src * data;",
"44": "x-content-type-options: nosniff",
"45": "x-frame-options: SAMEORIGIN",
"46": "x-permitted-cross-domain-policies: none",
"47": "x-permitted-cross-domain-policies: none",
"48": "x-redirect-by: WordPress",
"49": "x-ua-compatible: IE=edge",
"50": "x-xss-protection: 1; mode=block",
"51": "alt-svc: h3=\":443\"; ma=86400",
"53": "HTTP/2 200",
"54": "date: Fri, 06 Mar 2026 09:17:20 GMT",
"55": "content-type: text/html; charset=UTF-8",
"56": "cf-ray: 9d80444a9ed537f4-SIN",
"57": "cf-cache-status: HIT",
"58": "access-control-allow-origin: null",
"59": "age: 130",
"60": "cache-control: max-age=3, must-revalidate",
"61": "last-modified: Fri, 06 Mar 2026 09:10:10 GMT",
"62": "server: cloudflare",
"63": "strict-transport-security: max-age=63072000; includeSubDomains; preload",
"64": "vary: Accept-Encoding, Cookie",
"65": "nel: {\\"report_to\": \"cf-nel\", \"success_fraction\": 0.0, \"max_age\": 604800}",
"66": "report-to: {\\"group\": \"cf-
nel\", \"max_age\": 604800, \"endpoints\": [{\"url\": \"https://a.nel.cloudflare.com/report/v4?s=0gp4dYn1BEwUjEejxQXpd8W6utYU0zjixKHUFwxu013xISWpyrF%2FFmgaoDFfPkucjMDgr7SDeZgA3G08Wnk1
"67": "speculation-rules: \"/cdn-cgi/speculation\"",
"68": "access-control-allow-headers: Content-Type, Authorization",
"69": "access-control-allow-methods: GET, PUT, POST, DELETE",
"70": "cf-apo-via: tcache",
"71": "content-security-policy: report-uri https://www.utusan.com.my",
"72": "permissions-policy: accelerometer=(), autoplay=(), camera=(), fullscreen=*, geolocation=(self), gyroscope=(), microphone=(), payment=*",
"73": "referrer-policy: strict-origin-when-cross-origin",
"74": "x-cache: MISS",
"75": "x-content-security-policy: img-src *; media-src * data;",
"76": "x-content-type-options: nosniff",
"77": "x-frame-options: SAMEORIGIN",
"78": "x-permitted-cross-domain-policies: none",
"79": "x-xss-protection: 1; mode=block",
"80": "alt-svc: h3=\":443\"; ma=86400"
}
    
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	172.67.70.165
Connect Time	20.86 ms
TTFB	1121.33 ms
Total Time	1122.71 ms

Response Headers:

```

{
  "0": "HTTP/2 301",
  "1": "date: Fri, 06 Mar 2026 09:17:29 GMT",
  "2": "content-type: text/html; charset=UTF-8",
  "3": "location: https://www.utusan.com.my/",
  "4": "cf-ray: 9d80447ca8a587cc-SIN",
  "5": "cf-cache-status: MISS",
  "6": "access-control-allow-origin: null, null",
  "7": "cache-control: max-age=3600",
  "8": "expires: Fri, 06 Mar 2026 10:17:29 GMT",
  "9": "server: cloudflare",
  "10": "set-cookie: ppwp_wp_session=465110ae4fa2403b58466226fe1a4a11%7C%7C1772790448%7C%7C1772790088; expires=Fri, 06-Mar-2026 09:47:28 GMT; Max-Age=1800; path=/",
  "11": "strict-transport-security: max-age=63072000; includeSubDomains; preload",
  "12": "vary: Accept-Encoding, Cookie",
  "13": "nel: {\\"report_to\": \"cf-nel\", \"success_fraction\": 0.0, \"max_age\": 604800}",
  "14": "report-to: {\\"group\": \"cf-
nel\", \"max_age\": 604800, \"endpoints\": [{\"url\": \"https://a.nel.cloudflare.com/report/v4?s=Qctw9N5ACHY3INNSx7%2FvMjnhC30GQV5tRsd4M0BICeJY0cDU4yc3IjF1KPSm45v6QBJHsrxrp5701BTcReU%2
"15": "speculation-rules: \"/cdn-cgi/speculation\"",
"16": "access-control-allow-headers: Content-Type, Authorization",
"17": "access-control-allow-headers: Content-Type, Authorization",
"18": "access-control-allow-methods: GET, PUT, POST, DELETE",
"19": "access-control-allow-methods: GET, PUT, POST, DELETE",
"20": "cf-apo-via: origin, resnok",
"21": "cf-edge-cache: cache, platform=wordpress",
"22": "content-security-policy: report-uri https://www.utusan.com.my",
"23": "cross-origin-embedder-policy: unsafe-none; report-to=\\\"default\\\"",
}
    
```



```

"16": "access-control-allow-headers: Content-Type, Authorization",
"17": "access-control-allow-headers: Content-Type, Authorization",
"18": "access-control-allow-methods: GET,PUT,POST,DELETE",
"19": "access-control-allow-methods: GET,PUT,POST,DELETE",
"20": "cf-ipo-via: origin,resnok",
"21": "cf-edge-cache: cache,platform=wordpress",
"22": "content-security-policy: report-uri https://www.utusan.com.my",
"23": "cross-origin-embedder-policy: unsafe-none; report-to=\"default\"",
"24": "cross-origin-embedder-policy-report-only: unsafe-none; report-to=\"default\"",
"25": "cross-origin-opener-policy: same-origin-allow-popup; report-to=\"default\"",
"26": "cross-origin-opener-policy-report-only: same-origin; report-to=\"default\"",
"27": "cross-origin-resource-policy: cross-origin",
"28": "feature-policy: display-capture 'self'",
"29": "permissions-policy: accelerometer=(), autoplay=(), camera=(), fullscreen=*, geolocation=(self), gyroscope=(), microphone=(), payment=*",
"30": "referrer-policy: strict-origin-when-cross-origin",
"31": "x-content-security-policy: default-src 'self'; img-src *; media-src * data:;",
"32": "x-content-security-policy: img-src *; media-src * data:;",
"33": "x-content-type-options: nosniff",
"34": "x-frame-options: SAMEORIGIN",
"35": "x-permitted-cross-domain-policies: none",
"36": "x-permitted-cross-domain-policies: none",
"37": "x-redirect-by: WordPress",
"38": "x-ua-compatible: IE=edge",
"39": "x-xss-protection: 1; mode=block",
"40": "alt-svc: h3=\":443\"; ma=86400",
"42": "HTTP/2 200",
"43": "date: Fri, 06 Mar 2026 09:17:24 GMT",
"44": "content-type: text/html; charset=UTF-8",
"45": "cf-ray: 9d80446309f5ef72-SIN",
"46": "cf-cache-status: HIT",
"47": "access-control-allow-origin: null",
"48": "age: 134",
"49": "cache-control: max-age=3, must-revalidate",
"50": "last-modified: Fri, 06 Mar 2026 09:10:10 GMT",
"51": "server: cloudflare",
"52": "strict-transport-security: max-age=63072000; includeSubDomains; preload",
"53": "vary: Accept-Encoding, Cookie",
"54": "nel: {\"report_to\": \"cf-nel\", \"success_fraction\": 0.0, \"max_age\": 604800}",
"55": "report-to: {\"group\": \"cf-nel\", \"max_age\": 604800, \"endpoints\": [{\"url\": \"https://a.nel.cloudflare.com/report/v4?s=ku%2FAZcMNJay0gGjPcIiDFRPohK7gkpMdEB%2BQm6FNUxqpb7nUGa0GR7%2BFcGgK6tqaXttqvFqe079s011F\"}]}",
"56": "speculation-rules: \"/cdn-cgi/speculation\"",
"57": "access-control-allow-headers: Content-Type, Authorization",
"58": "access-control-allow-methods: GET,PUT,POST,DELETE",
"59": "cf-ipo-via: tcache",
"60": "content-security-policy: report-uri https://www.utusan.com.my",
"61": "permissions-policy: accelerometer=(), autoplay=(), camera=(), fullscreen=*, geolocation=(self), gyroscope=(), microphone=(), payment=*",
"62": "referrer-policy: strict-origin-when-cross-origin",
"63": "x-cache: MISS",
"64": "x-content-security-policy: img-src *; media-src * data:;",
"65": "x-content-type-options: nosniff",
"66": "x-frame-options: SAMEORIGIN",
"67": "x-permitted-cross-domain-policies: none",
"68": "x-xss-protection: 1; mode=block",
"69": "alt-svc: h3=\":443\"; ma=86400"
    }
    
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.007985 0.032661
TCP Connect IPv6 → port 80	301 0.007528 0.021945
TCP Connect IPv4 → port 443	301 0.009931 0.699257
TCP Connect IPv6 → port 443	301 0.009316 1.278091

Test Node Network Evidence

Node Profile	dual stack
--------------	------------

Egress Connectivity

IPv4 Egress	unreachable
IPv6 Egress	unreachable

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
76.13.221.0/24 dev eth0 proto kernel scope link src 76.13.221.142
```