IPv6 Readiness Report

columbiaasia.com — columbiaasia.com

Scan to verify

Category: Healthcare • Generated: 02 Nov 2026, 03:13 MYT • Last Checked: 08 Aug 2026, 18:26 MYT • Verification ID: bcb2d5a9-1240-4658-884e-e2be9a9b529a
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/bcb2d5a9-1240-4658-884e-e2be9a9b529a

✓
Compliant
MGv6C-1.0

90%
Fully IPv6 Ready

IPV6-ONLY READINESS
Website: ✓ **Ready**
DNS: ✓ **Ready**
Email: ✓ **Ready**

IPV6 ADDRESSES
2606:4700:10::ac42:9878
2606:4700:10::6814:2657

IPV4 ADDRESSES
104.20.38.87
172.66.152.120

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	104.16.0.0/12

Web Services (35%) — 8 / 8

#	CHECK	RESULT	DETAIL
1	**AAAA Record**	PASS	2606:4700:10::ac42:9878, 2606:4700:10::6814:2657
2	**Globally Routable IPv6**	PASS	All addresses are globally routable.
3	**HTTP over IPv6**	PASS	HTTP (port 80) responds over IPv6 — 70ms TTFB.
4	**HTTPS over IPv6**	PASS	HTTPS (port 443) responds over IPv6 — 81ms TTFB.
5	**IPv6-Only Reachability**	PASS	Site is fully reachable via IPv6-only.
6	**TLS Certificate Valid (IPv6)**	PASS	Certificate valid — issued by C = BE, O = GlobalSign nv-sa, CN = GlobalSign RSA OV SSL CA 2018, expires Feb 6 07:44:26 2027 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.

#	CHECK	RESULT	DETAIL
7	**RRSIG Valid**	FAIL	No valid RRSIG found.
8	**Signing Algorithm**	INFO	No DNSKEY record found.

Email Services (25%) — 6 / 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**	PASS	SMTP port 25 responds over IPv6.
4	**STARTTLS over IPv6**	PASS	STARTTLS supported 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	104.20.38.87, 172.66.152.120
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 61ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 79ms TTFB.

Audit Trail & Evidence Record

Verification ID	bcb2d5a9-1240-4658-884e-e2be9a9b529a
Domain	columbiaasia.com
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:26:44 MYT
Finished	08 Aug 2026, 18:26:51 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/bcb2d5a9-1240-4658-884e-e2be9a9b529a

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	db80818f1975cd86f8bc358af67cf8ce08fb3f0af7b135554f5fccbbf8cff536
http_headers	4b5a8afbf9068227ba826ed9ce37050eab49a14715e0938398e711671dfd321b
dns_responses	ae089f453ed8e20fbe0b9600cd7d5de225d48d6f61b35d7f0793fcc5f2f19dc3
tls_handshake	d1a4d1d968888792a4c3fcb33c4f1bd80f8edf584c0c014298a5c6488298dc00
connectivity_log	8a7023cdd8af8ccace9a664249ed013a8d9e8214e237121f9f14584526198a24
dns_resolution_times	8d6de5c7e6c6b6074c3b51ed65a97fee9c59299d7f76f9d3e335ee09c4bfb64c

Test Node Identity

Os	Linux srv1440888 6.8.0-136-generic #136-Ubuntu SMP PREEMPT_DYNAMIC Wed Jul 1 21:53:05 UTC 2026 x86_64
Hostname	srv1440888
Php Version	8.3.33
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	22.63	23.93	22.67	23.96	0
Google	IPv4	97.29	100.05	96.01	101.56	-1.3
Google	IPv6	89.96	99.05	91.09	99.81	+1.1
Cloudflare	IPv4	22.92	23.13	12.61	20.44	-10.3
Cloudflare	IPv6	32.59	33.34	21.64	22.07	-11

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 32611
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
columbiaasia.com.	300	IN	A	104.20.38.87
columbiaasia.com.	300	IN	A	172.66.152.120
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 62085
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.		899	IN	SOA	a.gtld-servers.net. nstld.verisign-grs.com. 1786184784 1800 900 604800 900
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 14244
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

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

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 59650
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
columbiaasia.com.	59397	IN	NS	ed.ns.cloudflare.com.
columbiaasia.com.	59397	IN	NS	love.ns.cloudflare.com.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 40572
;; flags: qr rd ra; QUERY: 1, ANSWER: 10, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
columbiaasia.com.	300	IN	TXT	"5cfss2v1gd87n9kumsge0dolhi"
columbiaasia.com.	300	IN	TXT	"8783am69v2aljfathrvjjashbj"
columbiaasia.com.	300	IN	TXT	"MS=ms41876734"
columbiaasia.com.	300	IN	TXT	"anuhggiosf58o8u3r49348ppcm"
columbiaasia.com.	300	IN	TXT	"figma-domain-verification=aba1cfbbe834a5f8352f565529fa34758cc52e8d6cdd40926358dba41dff2add-1767950190"
columbiaasia.com.	300	IN	TXT	"globalsign-domain-verification=o4hHoo9_SgMMykbbiUsOP5SJgHL8XIhcQChKspKgdw"
columbiaasia.com.	300	IN	TXT	"ibmid=9137f9f4-c690-4ac2-ade9-c352adb50518"
columbiaasia.com.	300	IN	TXT	"qifikgq6344dpk6j94vcojmgfl"
columbiaasia.com.	300	IN	TXT	"rpv14ebojk8u5dk17753qjjmn8"
columbiaasia.com.	300	IN	TXT	"v=spf1 a mx a:mass.emmsvr.com ip4:113.23.215.162 include:spf.protection.outlook.com -all"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 42051
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
columbiaasia.com.	300	IN	AAAA	2606:4700:10::6814:2657
```

```
columbiaasia.com.␣300␣IN␣AAAA␣2606:4700:10::ac42:9878
```

RRSIG

```
ed.ns.cloudflare.com. dns.cloudflare.com. 2411386232 10000 2400 604800 1800
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 663
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
columbiaasia.com.␣1797␣IN␣SOA␣ed.ns.cloudflare.com. dns.cloudflare.com. 2411386232 10000 2400 604800 1800
```

DNSSEC_VALIDATION

```
; unsigned answer
columbiaasia.com.␣1796␣IN␣SOA␣ed.ns.cloudflare.com. dns.cloudflare.com. 2411386232 10000 2400 604800 1800
```

TLS Handshake Evidence

IPV4 Connection

IP Used	104.20.38.87
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 = Subang Jaya, O = COLUMBIA ASIA SDN. BHD., CN = *.columbiaasia.com
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = MY, ST = Selangor, L = Subang Jaya, O = COLUMBIA ASIA SDN. BHD., CN = *.columbiaasia.com
   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 22 07:44:26 2026 GMT; NotAfter: Feb  6 07:44:26 2027 GMT
-----BEGIN CERTIFICATE-----
MIIGqTCCBZGgAwIBAgIMQ8Tf0r91vPLF3qCOMA0GCSqGSIb3DQEBCwUAMFAxCzAJ
BgNVBAYTAkJFMRkwFwYDVQQKExBHbG9iYWxTaWduIG52LXNhMSYwJAYDVQQDEx1H
bG9iYWxTaWduIFJTQSBPViBTU0wgQ0EgMjAxODAeFw0yNjA3MjIwNzQ0MjZaFw0y
NzAyMDYwNzQ0MjZaMHUxCzAJBgNVBAYTAk1ZMREwDwYDVQQIEwhTZWxhbmdvcjEU
MBIGA1UEBxMLU3ViYW5nIEpheWExIDAeBgNVBAoTF0NPTFVNQklBIEFTSUEgU0RO
LiBCSEQuMRswGQYDVQQDDBIqLmNvbHVtYmlhYXNpYS5jb20wggEiMA0GCSqGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQDQfo1I5x4fUQMLtFPZ8uYJhKk2Jz1haJyBXV+r
8a4RmpytRcatrtROPf3RNXAFAhmiU5DXvWLzLP6Dc4nscBfFyAmm1XYcnnOVTWKe
BG7AksUU/6Fh12o3TTYQsKELdKXyuDYMHRjSHe0ZWXN1hDmnyssPHLhXsXCg4KFb
ArLPxrC9pl5aJtaQhNOeq1zRaMJdbg2gtvMyEp96NizHZWuuwQF+wCDZ3CVg5FXE
gElDpLGcA/nSi0WWaujv3qkhuZO1gJxugKGhOjblUKmvgksY4TZwKeJ1YQpcKJH4
52gay+Cc2e2oeAVhg9UsczArU5hL2wRmmxWmGhqTdy1r29HJAgMBAAGjggNcMIID
WDAOBgNVHQ8BAf8EBAMCBaAwDAYDVR0TAQH/BAIwADCBjgYIKwYBBQUHAQEEgYEw
fzBEBggrBgEFBQcwAoY4aHR0cDovL3NlY3VyZS5nbG9iYWxzaWduLmNvbS9jYWNl
cnQvZ3Nyc2FvdnNzbGNhMjAxOC5jcnQwNwYIKwYBBQUHMAGGK2h0dHA6Ly9vY3Nw
Lmdsb2JhbHNpZ24uY29tL2dzcnNhb3Zzc2xjYTIwMTgwVgYDVR0gBE8wTTBBBgkr
BgEEAaAyARQwNDAyBggrBgEFBQcCARYmaHR0cHM6Ly93d3cuZ2xvYmFsc2lnbi5j
b20vcmVwb3NpdG9yeS8wCAYGZ4EMAQICMD8GA1UdHwQ4MDYwNKAyoDCGLmh0dHA6
Ly9jcmwuZ2xvYmFsc2lnbi5jb20vZ3Nyc2FvdnNzbGNhMjAxOC5jcmwwLwYDVR0R
BCgwJoISKi5jb2x1bWJpYWFzaWEuY29tghBjb2x1bWJpYWFzaWEuY29tMB0GA1Ud
JQQWMBQGCCsGAQUFBwMBBggrBgEFBQcDAjAfBgNVHSMEGDAWgBT473/yzXhnqN5v
jySNiPGHAwKz6zAdBgNVHQ4EFgQUfZ0KtxJ72ywq5XE4MyOEZHUmSr0wggF8Bgor
BgEEAdZ5AgQCBIIBbASCAWgBZgB1AByfaCzp+vBFaVD4G5aKh93bMhDYTObIsuOC
UkrEz1mfAAABn4jIgycAAAQDAEYwRAIgUUj19LAtdGoIJrJpvFpOkksyavDb2ZC/
rc35VLfzdacCIGby9+gk/nHDRV5CDl0bg35Yajzs26TITrKoo5CiZ3gXAHYATGPc
mOWcHauI9h6KPd6uj6tEozd7X5uUw/uhnPzBviYAAAGfiMiAcAAABAMARzBFAiEA
p+Nd7G/RDyFKK5gNOoRVJMtzUqdm03vXGOVslSn1gAICIFHfJAhYhlni48WhnkdZ
kj0lcC3cw/YqEP1QPYvaimBdAHUAYEyar3p/d18B1Ab8kg3ImesLHH34yVIb+voX
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0L48MhlWuAIgev0hisYBsGV7jb71fZuMFTYV3vCk5SWgk0Q//WzJrIIwDQYJKoZI
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1acSLyLD7t7pQPwWjM806psfyNmFjmpsvvLAvnEKr6gh4KC4fJbbjaeFHG+gNlOf
amwM/VwnXyyHupO6T+7n8xA9E0fCICIsMb+f9OTjebI3KEc+LCn8eGPcv5eX3olE
whTxBnCSIUKj4leFoRah84Nz2qZUCw3W6rwUMHTVSvi+qgDo4YvcfHWpvopkTzR/
3i+XqkFDb//laISLz8ySOv2Z6ZRvenmt3qyzuza6POsYJOnZ1QRBNsl5TjmEEtFR
NEpFHRg5QHa3dlBV6nyxsWkSWTU+BVc6tDjEIKg=
-----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
HgYDVQQLExdHbG9iYWxTaWduIFJvb3QgQ0EgLSBSMzETMBEGA1UEChMKR2xvYmFs
U2lnbjETMBEGA1UEAxMKR2xvYmFsU2lnbjAeFw0xODExMjEwMDAwMDBaFw0yODEx
MjEwMDAwMDBaMFAxCzAJBgNVBAYTAkJFMRkwFwYDVQQKExBHbG9iYWxTaWduIG52
LXNhMSYwJAYDVQQDEx1HbG9iYWxTaWduIFJTQSBPViBTU0wgQ0EgMjAxODCCASIw
DQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAKdaydUMGCEAI9WXD+uu3Vxoa2uP
UGATeoHLl+6OimGUSyZ59gSnKvuk2la77qCk8HuKf1UfR5NhDW5xUTolJAgvjOH3
idaSz6+zpz8w7bXfIa7+9UQX/dhj2S/TgVprX9NHsKzyqzskeU8fxy7quRU6fBhM
abOlIFkJXinDY+YuRluqlJBJDrnw9UqhCS98NE3QvADFBlV5Bs6i0BDxSEPouVq1
lVW9MdIbPYa+oewNEtssmSStR8JvA+Z6cLVwzM0nLKWMjsIYPJLJLnNvBhBWk0Cq
o8VS++XFBdZpaFwGue5RieGKDkFNm5KQConpFmvv73W+eka440eKHRwup08CAwEA
AaOCASkwggElMA4GA1UdDwEB/wQEAwIBhjASBgNVHRMBAf8ECDAGAQH/AgEAMB0G
A1UdDgQWBBT473/yzXhnqN5vjySNiPGHAwKz6zAfBgNVHSMEGDAWgBSP8Et/qC5F
JK5NUPpjmove4t0bvDA+BggrBgEFBQcBAQQyMDAwLgYIKwYBBQUHMAGGImh0dHA6
Ly9vY3NwMi5nbG9iYWxzaWduLmNvbS9yb290cjMwNgYDVR0fBC8wLTAroCmgJ4Yl
aHR0cDovL2NybC5nbG9iYWxzaWduLmNvbS9yb290LXIzLmNybDBHBgNVHSAEQDA+
```

```
MDwGBFUdIAAwNDAyBggrBgEFBQcCARYmaHR0cHM6Ly93d3cuZ2xvYmFsc2lnbi5j
b20vcmVwb3NpdG9yeS8wDQYJKoZIhvcNAQELBQADggEBAJmQyC1fQorUC2bbmANz
EdSIhlIoU4r7rd/9c446ZwTbw1MUcBQJfMPg+NccmBqixD7b6QDjynCy8SIwIVbb
0615XoFYC20UgDX1b10d65pHBf9ZjQCxQNqQmJYaumxtf4z1s4DfjGRzNpZ5eWl0
6r/4ngGPoJVpjemEuunl1Ig423g7mNA2eymw0lIYkN5SQwCuaifIFJ6GlazhgDEw
fpolu4usBCOmmQDo8dIm7A9+O4orkjgTHY+GzYZSR+Y0fFukAj6KYXwidlNalFMz
hriSqHKvoflShx8xpfywgVcvzfTO3PYkz6fiNJBonf6q8amaEsybwMbDqKWwIX7e
SPY=
-----END CERTIFICATE-----
---
Server certificate
subject=C = MY, ST = Selangor, L = Subang Jaya, O = COLUMBIA ASIA SDN. BHD., CN = *.columbiaasia.com
issuer=C = BE, O = GlobalSign nv-sa, CN = GlobalSign RSA OV SSL CA 2018
---
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 3314 bytes and written 398 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
```

IPV6 Connection

IP Used	2606:4700:10::ac42:9878
IP Version	6

```
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 = Subang Jaya, O = COLUMBIA ASIA SDN. BHD., CN = *.columbiaasia.com
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = MY, ST = Selangor, L = Subang Jaya, O = COLUMBIA ASIA SDN. BHD., CN = *.columbiaasia.com
   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 22 07:44:26 2026 GMT; NotAfter: Feb  6 07:44:26 2027 GMT
-----BEGIN CERTIFICATE-----
MIIGqTCCBZGgAwIBAgIMQ8Tf0r91vPLF3qCOMA0GCSqGSIb3DQEBCwUAMFAxCzAJ
BgNVBAYTAkJFMRkwFwYDVQQKExBHbG9iYWxTaWduIG52LXNhMSYwJAYDVQQDEx1H
bG9iYWxTaWduIFJTQSBPViBTU0wgQ0EgMjAxODAeFw0yNjA3MjIwNzQ0MjZaFw0y
NzAyMDYwNzQ0MjZaMHUxCzAJBgNVBAYTAk1ZMREwDwYDVQQIEwhTZWxhbmdvcjEU
MBIGA1UEBxMLU3ViYW5nIEpheWExIDAeBgNVBAoTF0NPTFVNQklBIEFTSUEgU0RO
LiBCSEQuMRswGQYDVQQDDBIqLmNvbHVtYmlhYXNpYS5jb20wggEiMA0GCSqGSIb3
DQEBAQUAA4IBDwAwggEKAoIBAQDQfo1I5x4fUQMLtFPZ8uYJhKk2Jz1haJyBXV+r
8a4RmpytRcatrtROPf3RNXAFAhmiU5DXvWLzLP6Dc4nscBfFyAmm1XYcnnOVTWKe
BG7AksUU/6Fh12o3TTYQsKELdKXyuDYMHRjSHe0ZWXN1hDmnyssPHLhXsXCg4KFb
ArLPxrC9pl5aJtaQhNOeq1zRaMJdbg2gtvMyEp96NizHZWuuwQF+wCDZ3CVg5FXE
gElDpLGcA/nSi0WWaujv3qkhuZO1gJxugKGhOjblUKmvgksY4TZwKeJlYQpcKJH4
52gay+Cc2e2oeAVhg9UsczArU5hL2wRmmxWmGhqTdy1r29HJAgMBAAGjggNcMIID
WDAOBgNVHQ8BAf8EBAMCBaAwDAYDVR0TAQH/BAIwADCBjgYIKwYBBQUHAQEEgYEw
fzBEBggrBgEFBQcwAoY4aHR0cDovL3NlY3VyZS5nbG9iYWxzaWduLmNvbS9jYWNl
cnQvZ3Nyc2FvdnNzbGNhMjAxOC5jcnQwNwYIKwYBBQUHMAGGK2h0dHA6Ly9vY3Nw
Lmdsb2JhbHNpZ24uY29tL2dzcnNhb3Zzc2xjYTIwMTgwVgYDVR0gBE8wTTBBBgkr
BgEEAaAyARQwNDAyBggrBgEFBQcCARYmaHR0cHM6Ly93d3cuZ2xvYmFsc2lnbi5j
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```

```
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-----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
HgYDVQQLExdHbG9iYWxTaWduIFJvb3QgQ0EgLSBSMzETMBEGA1UEChMKR2xvYmFs
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aHR0cDovL2NybC5nbG9iYWxzaWduLmNvbS9yb290LXIzLmNybDBHBgNVHSAEQDA+
MDwGBFUdIAAwNDAyBggrBgEFBQcCARYmaHR0cHM6Ly93d3cuZ2xvYmFsc2lnbi5j
b20vcmVwb3NpdG9yeS8wDQYJKoZIhvcNAQELBQADggEBAJmQyC1fQorUC2bbmANz
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hriSqHKvoflShx8xpfywgVcvzfTO3PYkz6fiNJBonf6q8amaEsybwMbDqKWwIX7e
SPY=
-----END CERTIFICATE-----
---
Server certificate
subject=C = MY, ST = Selangor, L = Subang Jaya, O = COLUMBIA ASIA SDN. BHD., CN = *.columbiaasia.com
issuer=C = BE, O = GlobalSign nv-sa, CN = GlobalSign RSA OV SSL CA 2018
---
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 3314 bytes and written 398 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
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	403
Connected IP	104.20.38.87
Connect Time	16.14 ms
TTFB	72.4 ms
Total Time	72.53 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Sat, 08 Aug 2026 10:26:50 GMT",
    "2": "Content-Type: text/html; charset=UTF-8",
    "3": "Connection: keep-alive",
    "4": "Location: https://www.columbiaasia.com/",
    "5": "Speculation-Rules: \"/cdn-cgi/speculation\"",
    "6": "Server: cloudflare",
    "7": "CF-RAY: a27dd33aeb97f918-SIN",
    "8": "alt-svc: h3=\":443\"; ma=86400",
    "10": "HTTP/2 403",
    "11": "date: Sat, 08 Aug 2026 10:26:50 GMT",
    "12": "content-type: text/html; charset=UTF-8",
    "13": "content-length: 5326",
    "14": "accept-ch: Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-
Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA",
    "15": "cf-mitigated: challenge",
    "16": "content-security-policy: default-src 'none'; script-src 'nonce-3aq2VAWHhkZMxLQEtm3VZH' 'unsafe-eval' https://challenges.cloudflare.com; script-src-attr
'none'; style-src 'unsafe-inline'; img-src 'self' https://challenges.cloudflare.com; connect-src 'self' https://challenges.cloudflare.com; frame-src 'self'
https://challenges.cloudflare.com blob:; child-src 'self' https://challenges.cloudflare.com blob:; worker-src blob:; form-action http: https:; base-uri 'self'",
    "17": "server: cloudflare",
    "18": "critical-ch: Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-
Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA",
    "19": "cross-origin-embedder-policy: require-corp",
    "20": "cross-origin-opener-policy: same-origin",
    "21": "cross-origin-resource-policy: same-origin",
    "22": "origin-agent-cluster: ?1",
    "23": "permissions-policy: accelerometer=(),camera=(),clipboard-read=(),clipboard-
write=(),geolocation=(),gyroscope=(),hid=(),magnetometer=(),microphone=(),payment=(),publickey-credentials-get=(),screen-wake-lock=(),serial=(),sync-
xhr=(),usb=(),xr-spatial-tracking=*",
    "24": "referrer-policy: same-origin",
    "25": "server-timing: chlray;desc=\"a27dd33b3e7b401c\"",
    "26": "x-content-type-options: nosniff",
    "27": "x-frame-options: SAMEORIGIN",
    "28": "speculation-rules: \"/cdn-cgi/speculation\"",
    "29": "cf-ray: a27dd33b3e7b401c-SIN",
    "30": "alt-svc: h3=\":443\"; ma=86400"
}
```


IPv6 HTTP (port 80)

HTTP Status	403
Connected IP	2606:4700:10::ac42:9878
Connect Time	15.73 ms
TTFB	64.7 ms
Total Time	64.8 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Date: Sat, 08 Aug 2026 10:26:50 GMT",
    "2": "Content-Type: text/html; charset=UTF-8",
    "3": "Connection: keep-alive",
    "4": "Location: https://www.columbiaasia.com/",
    "5": "Speculation-Rules: \"/cdn-cgi/speculation\"",
    "6": "Server: cloudflare",
    "7": "CF-RAY: a27dd33a19f10ce9-SIN",
    "8": "alt-svc: h3=\":443\"; ma=86400",
    "10": "HTTP/2 403",
    "11": "date: Sat, 08 Aug 2026 10:26:50 GMT",
```

```
    "12": "content-type: text/html; charset=UTF-8",
    "13": "content-length: 5325",
    "14": "accept-ch: Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-
Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA",
    "15": "cf-mitigated: challenge",
    "16": "content-security-policy: default-src 'none'; script-src 'nonce-WEh8JhIpzcuObPyrXyqN30' 'unsafe-eval' https://challenges.cloudflare.com; script-src-attr
'none'; style-src 'unsafe-inline'; img-src 'self' https://challenges.cloudflare.com; connect-src 'self' https://challenges.cloudflare.com; frame-src 'self'
https://challenges.cloudflare.com blob:; child-src 'self' https://challenges.cloudflare.com blob:; worker-src blob:; form-action http: https:; base-uri 'self'",
    "17": "server: cloudflare",
    "18": "critical-ch: Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-
Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA",
    "19": "cross-origin-embedder-policy: require-corp",
    "20": "cross-origin-opener-policy: same-origin",
    "21": "cross-origin-resource-policy: same-origin",
    "22": "origin-agent-cluster: ?1",
    "23": "permissions-policy: accelerometer=(),camera=(),clipboard-read=(),clipboard-
write=(),geolocation=(),gyroscope=(),hid=(),magnetometer=(),microphone=(),payment=(),publickey-credentials-get=(),screen-wake-lock=(),serial=(),sync-
xhr=(),usb=(),xr-spatial-tracking=*",
    "24": "referrer-policy: same-origin",
    "25": "server-timing: chlray;desc=\"a27dd33a58940dbe\"",
    "26": "x-content-type-options: nosniff",
    "27": "x-frame-options: SAMEORIGIN",
    "28": "speculation-rules: \"/cdn-cgi/speculation\"",
    "29": "cf-ray: a27dd33a58940dbe-SIN",
    "30": "alt-svc: h3=\":443\"; ma=86400"
}
```


IPv4 HTTPS (port 443)

HTTP Status	403
Connected IP	104.20.38.87
Connect Time	16.31 ms
TTFB	62.81 ms
Total Time	62.88 ms

Response Headers:


```
{
    "0": "HTTP/2 301",
    "1": "date: Sat, 08 Aug 2026 10:26:50 GMT",
    "2": "content-type: text/html; charset=UTF-8",
    "3": "location: https://www.columbiaasia.com/",
    "4": "speculation-rules: \"/cdn-cgi/speculation\"",
    "5": "server: cloudflare",
    "6": "cf-ray: a27dd33b69ff558c-SIN",
    "7": "alt-svc: h3=\":443\"; ma=86400",
    "9": "HTTP/2 403",
    "10": "date: Sat, 08 Aug 2026 10:26:50 GMT",
    "11": "content-type: text/html; charset=UTF-8",
    "12": "content-length: 5326",
    "13": "accept-ch: Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-
Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA",
    "14": "cf-mitigated: challenge",
    "15": "content-security-policy: default-src 'none'; script-src 'nonce-Rr1PRIkOjV6UoTCUT1O4Z6' 'unsafe-eval' https://challenges.cloudflare.com; script-src-attr
'none'; style-src 'unsafe-inline'; img-src 'self' https://challenges.cloudflare.com; connect-src 'self' https://challenges.cloudflare.com; frame-src 'self'
https://challenges.cloudflare.com blob:; child-src 'self' https://challenges.cloudflare.com blob:; worker-src blob:; form-action http: https:; base-uri 'self'",
    "16": "server: cloudflare",
    "17": "critical-ch: Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-
Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA",
    "18": "cross-origin-embedder-policy: require-corp",
    "19": "cross-origin-opener-policy: same-origin",
    "20": "cross-origin-resource-policy: same-origin",
    "21": "origin-agent-cluster: ?1",
    "22": "permissions-policy: accelerometer=(),camera=(),clipboard-read=(),clipboard-
write=(),geolocation=(),gyroscope=(),hid=(),magnetometer=(),microphone=(),payment=(),publickey-credentials-get=(),screen-wake-lock=(),serial=(),sync-
xhr=(),usb=(),xr-spatial-tracking=*",
    "23": "referrer-policy: same-origin",
    "24": "server-timing: chlray;desc=\"a27dd33b988d3883\"",
    "25": "x-content-type-options: nosniff",
    "26": "x-frame-options: SAMEORIGIN",
    "27": "speculation-rules: \"/cdn-cgi/speculation\"",
    "28": "cf-ray: a27dd33b988d3883-SIN",
    "29": "alt-svc: h3=\":443\"; ma=86400"
}
```


IPv6 HTTPS (port 443)

HTTP Status	403
Connected IP	2606:4700:10::ac42:9878
Connect Time	16.39 ms
TTFB	64.76 ms
Total Time	64.85 ms

Response Headers:


```
{
    "0": "HTTP/2 301",
    "1": "date: Sat, 08 Aug 2026 10:26:50 GMT",
    "2": "content-type: text/html; charset=UTF-8",
    "3": "location: https://www.columbiaasia.com/",
    "4": "speculation-rules: \"/cdn-cgi/speculation\"",
    "5": "server: cloudflare",
    "6": "cf-ray: a27dd33a8af5fd1b-SIN",
    "7": "alt-svc: h3=\":443\"; ma=86400",
    "9": "HTTP/2 403",
    "10": "date: Sat, 08 Aug 2026 10:26:50 GMT",
    "11": "content-type: text/html; charset=UTF-8",
    "12": "content-length: 5325",
    "13": "accept-ch: Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-
Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA",
    "14": "cf-mitigated: challenge",
    "15": "content-security-policy: default-src 'none'; script-src 'nonce-xczSnaBsaTzxngi8bDTaNY' 'unsafe-eval' https://challenges.cloudflare.com; script-src-attr
'none'; style-src 'unsafe-inline'; img-src 'self' https://challenges.cloudflare.com; connect-src 'self' https://challenges.cloudflare.com; frame-src 'self'
https://challenges.cloudflare.com blob:; child-src 'self' https://challenges.cloudflare.com blob:; worker-src blob:; form-action http: https:; base-uri 'self'",
    "16": "server: cloudflare",
    "17": "critical-ch: Sec-CH-UA-Bitness, Sec-CH-UA-Arch, Sec-CH-UA-Full-Version, Sec-CH-UA-Mobile, Sec-CH-UA-Model, Sec-CH-UA-Platform-Version, Sec-CH-UA-Full-
Version-List, Sec-CH-UA-Platform, Sec-CH-UA, UA-Bitness, UA-Arch, UA-Full-Version, UA-Mobile, UA-Model, UA-Platform-Version, UA-Platform, UA",
    "18": "cross-origin-embedder-policy: require-corp",
    "19": "cross-origin-opener-policy: same-origin",
    "20": "cross-origin-resource-policy: same-origin",
    "21": "origin-agent-cluster: ?1",
    "22": "permissions-policy: accelerometer=(),camera=(),clipboard-read=(),clipboard-
write=(),geolocation=(),gyroscope=(),hid=(),magnetometer=(),microphone=(),payment=(),publickey-credentials-get=(),screen-wake-lock=(),serial=(),sync-
xhr=(),usb=(),xr-spatial-tracking=*",
    "23": "referrer-policy: same-origin",
    "24": "server-timing: chlray;desc=\"a27dd33ac8befd0f\"",
    "25": "x-content-type-options: nosniff",
    "26": "x-frame-options: SAMEORIGIN",
    "27": "speculation-rules: \"/cdn-cgi/speculation\"",
    "28": "cf-ray: a27dd33ac8befd0f-SIN",
    "29": "alt-svc: h3=\":443\"; ma=86400"
}
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.006774 0.016141
TCP Connect IPv6 → port 80	301 0.007581 0.026897
TCP Connect IPv4 → port 443	301 0.007683 0.040896
TCP Connect IPv6 → port 443	301 0.006817 0.036828

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
fd7a:115c:a1e0::1136:5807 dev tailscale0 proto kernel metric 256 pref medium
fe80::/64 dev eth0 proto kernel metric 256 pref medium
fe80::/64 dev tailscale0 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
```