IPv6 Readiness Report

nestle.com.my — nestle.com.my

Scan to verify

Category: Enterprise • Generated: 02 Nov 2026, 03:12 MYT • Last Checked: 08 Aug 2026, 18:30 MYT • Verification ID: f7fe632a-f385-44d6-8b78-da53288927f7
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/f7fe632a-f385-44d6-8b78-da53288927f7

⚠
Partially Compliant
MGv6C-1.0

60%
Partial Support

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

IPV6 ADDRESSES
2606:4700::6811:51bb
2606:4700::6811:52bb

IPV4 ADDRESSES
75.2.65.169
99.83.129.68

Network Information (WHOIS / RDAP)

	IPv6 Network	IPv4 Network
Organization	Cloudflare, Inc.	Amazon.com, Inc.
Country	US	US
ASN	AS13335	AS16509
ASN Name	CLOUDFLARENET - Cloudflare, Inc., US	AMAZON-02 - Amazon.com, Inc., US
Network (CIDR)	2606:4700::/32	75.2.0.0/17

Web Services (35%) — 4 / 8

#	CHECK	RESULT	DETAIL
1	**AAAA Record**	PASS	2606:4700::6811:51bb, 2606:4700::6811:52bb
2	**Globally Routable IPv6**	PASS	All addresses are globally routable.
3	**HTTP over IPv6**	PASS	HTTP (port 80) responds 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)**	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.
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%) 3 / 6

#	CHECK	RESULT	DETAIL
1	**MX Record Exists**	PASS	MX record found.
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	75.2.65.169, 99.83.129.68
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 484ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 942ms TTFB.

Audit Trail & Evidence Record

Verification ID	f7fe632a-f385-44d6-8b78-da53288927f7
Domain	nestle.com.my
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:30:46 MYT
Finished	08 Aug 2026, 18:30:57 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/f7fe632a-f385-44d6-8b78-da53288927f7

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	b1b45b07d5973d34e7c83a54de41b8fba683ea2ba3c131edef1e25acfc10d3f2
http_headers	2db60d8cb2154a0f2ec38479aab062c09768b71f5b3cb4a6cd6d5abe4ac44696
dns_responses	4023c90650e9a93b9c56b3cae8a150dcc1f7dbe874342d5d9a64b0464227654b
tls_handshake	1f41ee2d2972dad793a49925d33b48d75b4615fd160d06d83f7149954d76bac1
connectivity_log	12708060f1440c2bd7a2ec6d3e5d2ead79a6040141e0052c7fe69d06571baf58
dns_resolution_times	b77f349ee676e3847489afc4b875f81a1a421f1e02bfd28e0977b57d70e2db53

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	23.31	23.32	25.33	27.87	+2
Google	IPv4	89.52	94.74	39.47	78.38	-50.1
Google	IPv6	86.91	91.15	89.21	89.35	+2.3
Cloudflare	IPv4	22.91	26.28	23.29	30.01	+0.4
Cloudflare	IPv6	28.87	34.42	40.21	42.92	+11.3

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 10128
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
nestle.com.my.□□3600□IN□A□75.2.65.169
nestle.com.my.□□3600□IN□A□99.83.129.68
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 42929
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my.□□□3034□IN□SOA□e.nic.my. hostmaster.nic.my. 2026062862 1800 900 604800 3600
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 55865
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
nestle.com.my.□□3600□IN□MX□0 mail.nestle.com.my.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 51891
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
nestle.com.my.□□3600□IN□NS□eurdns1.nestle.com.
nestle.com.my.□□3600□IN□NS□amsdns1.nestle.com.
nestle.com.my.□□3600□IN□NS□aoadns1.nestle.com.
nestle.com.my.□□3600□IN□NS□ctrdns1.nestle.com.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 23984
;; flags: qr rd ra; QUERY: 1, ANSWER: 9, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
nestle.com.my.□□3600□IN□TXT□"fastly-domain-delegation-atoqpvzxeyqtnux44iwx-498040-2022-06-17"
nestle.com.my.□□3600□IN□TXT□"fastly-domain-delegation-nqw39wacxuxyeij3otxp-494497-2022-06-03"
nestle.com.my.□□3600□IN□TXT□"google-site-verification=wHwSJJ32CwCbVAUxdgAhLaYL-kqw--3MsBY6siKKyfk"
nestle.com.my.□□3600□IN□TXT□"_qg3mvkur3e51tr8nzlj3k4bs2upstc5"
nestle.com.my.□□3600□IN□TXT□"lp5xw8rkfg04dd16wswbllc8dpglmc8w"
nestle.com.my.□□3600□IN□TXT□"z9jr0q3fzlmwhpcr0bcsw2w761s1841d"
nestle.com.my.□□3600□IN□TXT□"fastly-domain-delegation-bmTYqSeQhw-380028-2021-06-16"
nestle.com.my.□□3600□IN□TXT□"facebook-domain-verification=53p6kykp2cl9pky9xj7v4lxyx75qvj"
nestle.com.my.□□3600□IN□TXT□"v=spf1 include:%{i}._ip.%{h}._ehlo.%{d}._spf.vali.email ~all"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 20800
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

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

```
nestle.com.my.□□3595□IN□SOA□ctrdns1.nestle.com. nestlednsadmin.nestle.com. 2008112141 7200 900 1209600 3600
```

RRSIG

```
ctrdns1.nestle.com. nestlednsadmin.nestle.com. 2008112141 7200 900 1209600 3600
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 31233
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
nestle.com.my.□□3595□IN□SOA□ctrdns1.nestle.com. nestlednsadmin.nestle.com. 2008112141 7200 900 1209600 3600
```

DNSSEC_VALIDATION

```
; unsigned answer
nestle.com.my.□□3595□IN□SOA□ctrdns1.nestle.com. nestlednsadmin.nestle.com. 2008112141 7200 900 1209600 3600
```

TLS Handshake Evidence

IPV4 Connection

IP Used	75.2.65.169
IP Version	4

```
depth=2 C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
verify return:1
depth=1 C = AT, O = ZeroSSL GmbH, CN = ZeroSSL RSA DV SSL CA 2
verify return:1
depth=0 CN = nestle.com.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:CN = nestle.com.my
   i:C = AT, O = ZeroSSL GmbH, CN = ZeroSSL RSA DV SSL CA 2
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Jun 29 00:00:00 2026 GMT; NotAfter: Sep 27 23:59:59 2026 GMT
-----BEGIN CERTIFICATE-----
MIIFijCCA/KgAwIBAgIRANJnH1P5qSNfk5ktAxoMdvcwDQYJKoZIhvcNAQELBQAw
RjELMAkGA1UEBhMCQVQxFTATBgNVBAoTDFplcm9TU0wgR21iSDEgMB4GA1UEAxMX
WmVyb1NTTCBSU0EgRFYgU1NMIENBIDIwHhcNMjYwNjI5MDAwMDAwWhcNMjYwOTI3
MjM1OTU5WjAYMRYwFAYDVQQDEw1uZXN0bGUuY29tLm15MIIBIjANBgkqhkiG9w0B
AQEFAAOCAQ8AMIIBCgKCAQEAtkIgNQtnwV+mSNmod94/KQ//z0rNT1oyzyMnOFNe
E4rvdwqAKzUPp3bdOUsYk3VAuwCOuaFP0Z3ARgfwFjUSnO5DYrhsLeTcdYLp4oER
5sFy5vcAqBsg46LPdmI9pSLmovLxJdhptNIs8ymxo0OjG7Uef7t279VPa4GiGD4e
JNu4UGT/iTWP25ydHnkNuV+xXf2W1aF0OS22W/79SWEt4Z5AqgPVt6iEkg+AAdIH
1g7ui1tiR5U1ExAMBFhRko8BnPNz9UTQ3VBZML2NMrTl3idqTifrU5cIr/CaY2fb
2keRBupEF9fqsbmboDX4ohog3mJzgQGQ+nUG1nTAWFhFWQIDAQABo4ICHzCCAhsw
HwYDVR0jBBgwFoAUS776doQjRAS5zr4xb+n1Mgb/DFcwHQYDVR0OBBYEFFANF/9z
yUT22Zj9ILPcYsmOXWR1MA4GA1UdDwEB/wQEAwIFoDAMBgNVHRMBAf8EAjAAMBMG
A1UdJQQMMAoGCCsGAQUFBwMBMBMGA1UdIAQMMAowCAYGZ4EMAQIBMG4GCCsGAQUF
BwEBBGIwYDA5BggrBgEFBQcwAoYtaHR0cDovL2NydC5zZWN0aWdvLmNvbS9aZXJv
U1NMUlNBRFZTU0xDQTIuY3J0MCMGCCsGAQUFBzABhhdodHRwOi8vb2NzcC5zZWN0
aWdvLmNvbTCCAQUGCisGAQQB1nkCBAIEgfYEgfMA8QB3ANdtfRDRp/V3wsfpX9cA
v/mCyTNaZeHQswFzF8DIxWl3AAABnxC33EQAAAQDAEgwRgIhAKo2qsCdGBSBa3ng
jRpIb7DbumN9lXO0ucKCndb9wNDPAiEAuBykel2TshglJSgeSXi4647xsReOqwzx
fAnYNoM1WNoAdgDIo8R/x7OtuTVrAT9qehJt4zpOQ6XGRvmXrTl1mR3PmgAAAZ8Q
t9w7AAAEAwBHMEUCICCjQ5mWyt5BaF1w/Qg4vzjNaCENZ8DzUyu0wDSJKBOEAiEA
tTkmVL2BfiYakf668CR2jlv4QuLcpW8G9wcPACqBHsQwGAYDVR0RBBEwD4INbmVz
dGxlLmNvbS5teTANBgkqhkiG9w0BAQsFAAOCAYEACVVgmLZ1oDPMjhFFEDE6UrBU
HI5VtfUBn41vzN2Q+Z3x0stiuXE2Ztl6D6pA8/7TTgGloZTIfCEf84PC7q+Qp/IQ
XTnAQF99lU37Kt17DUvks/L1wrrOqCfy9msRfsWHSjo5u1E5uk3PRAtxufveQouz
ghaE+BBsOIXr7ornluxkY6s1ceRuRQSeOezUSYwNumtAaNlVlo2XM/xerr9dfd1p
TgXjVZy7owVx8OUot2+EOk5pbZI8MqLX4VXMa6D3jRC6nA2GYA+nsCO4jW8DNLRV
SABrdjCl/RKbBFu/quepFKTZ6bcMWREzGfC50OQUZcFLliy/psWhxMMfE1NvAxCN
P2iyDmbqncArot84TYicpiNq1f5dGoum/8m4i5D/zgRQwGFSOlfju2+dbYoDpEGt
pAf7ExvxNa3tx2aOyI2UsDwa0VeRh1lf1hrSyIr97Xg44ztgbZcKY/n4EGE6a13t
d1DMpuvF1dPE4U7NmBkD5TCc74zh7FD2lW+xZOLL
-----END CERTIFICATE-----
 1 s:C = AT, O = ZeroSSL GmbH, CN = ZeroSSL RSA DV SSL CA 2
   i:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
   a:PKEY: rsaEncryption, 3072 (bit); sigalg: RSA-SHA384
   v:NotBefore: Sep 24 00:00:00 2025 GMT; NotAfter: Sep 23 23:59:59 2035 GMT
-----BEGIN CERTIFICATE-----
MIIGITCCBAmgAwIBAgIRANCpCCVfjlDl8zltERRwKjcwDQYJKoZIhvcNAQEMBQAw
XzELMAkGA1UEBhMCR0IxGDAWBgNVBAoTD1NlY3RpZ28gTGltaXRlZDE2MDQGA1UE
AxMtU2VjdGlnbyBQdWJsaWMgU2VydmVyIEF1dGhlbnRpY2F0aW9uIFJvb3QgUjQ2
MB4XDTI1MDkyNDAwMDAwMFoXDTM1MDkyMzIzNTk1OVowRjELMAkGA1UEBhMCQVQx
FTATBgNVBAoTDFplcm9TU0wgR21iSDEgMB4GA1UEAxMXWmVyb1NTTCBSU0EgRFYg
U1NMIENBIDIwggGiMA0GCSqGSIb3DQEBAQUAA4IBjwAwggGKAoIBgQCnXX3Qm/G+
ujylvYIkhJ53ZZ7XM03vXY03sCnO9VWjwMsV0qCQMlvhuRiJwrm4M5jgGehxIiCR
1qT0AyL2rHTWJR07vjJzuNmp7uoKu3HKwixBk9QuXD5aliO8/EDbzdZDcG/Hm5pC
mOeusLtds/UE/Iq24nw5WpcgZE5Ly+F/yCYDuEa7hXLJAPM5SecJIblG1OQ3ukMl
HHNBbDxBpGWTyDudd0DTed0NTgCPs1t8RZPhW9Gt/8nDwFX0pQ4eHfPEB8c6eNl2
sRr2Afp1YErakR+53yEX2SXc2Kz0fbTlUc+To0ULGcJiWNyZwj//DTZ+M4xxsT2T
qjQ4Xfvm2EUTymrXDrh1Pm/wkBouu860c6eeQfNlKlccUyHOSeKCtPIWreMvH3Be
Ydeu3DwI8lefn/VUhSB2Bbz7hX3qz3oMmtSTmWhTnobyKlx1L2b/oloaqpy1cBc/
QiLRSOptYGPjZtX0pRrTVKQXeP2rPUk0y5q/40WRpugSlHCX6aceWnsCAwEAAaOC
AW8wggFrMB8GA1UdIwQYMBaAFFZzWGSV+ZIasBIqBGJ5oUAViCFJMB0GA1UdDgQW
BBRLvvp2hCNEBLnOvjFv6fUyBv8MVzAOBgNVHQ8BAf8EBAMCAYYwEgYDVR0TAQH/
BAgwBgEB/wIBADATBgNVHSUEDDAKBggrBgEFBQcDATATBgNVHSAEDDAKMAgGBmeB
DAECATBUBgNVHR8ETTBLMEmgR6BFhkNodHRwOi8vY3JsLnNlY3RpZ28uY29tL1Nl
Y3RpZ29QdWJsaWNTZXJ2ZXJBdXRoZW50aWNhdGlvblJvb3RSNDYuY3JsMIGEBggr
BgEFBQcBAQR4MHYwTwYIKwYBBQUHMAKGQ2h0dHA6Ly9jcnQuc2VjdGlnby5jb20v
U2VjdGlnb1B1YmxpY1NlcnZlckF1dGhlbnRpY2F0aW9uUm9vdFI0Ni5wN2MwIwYI
KwYBBQUHMAGGF2h0dHA6Ly9vY3NwLnNlY3RpZ28uY29tMA0GCSqGSIb3DQEBDAUA
```

```
A4ICAQCJ/3v2/vdexHsdVyXL9aCTQE01YXl23866TVM/LgRpRW+kneZXXZxP0hy4
GnvlqUcxTq97B6qPdQcQxQxpGne7CRn0nWauzqieMcJzYl3fDC2Q/ANyPhyrbwCI
zx9EsRrgfjvuJCaUMtlfYpKqBUYiPOCPAN0HdrLD5hU6oV1tvWVsUzTA43skC3uH
wQM5YPIk0NDJFw3NhQPOIOwbq09T+SYSEZvsJ3t4sA4H3gh03RETNaAwTcTNS/+u
1tAeQUZZmKQyLWYLyoxvbISp/MFr9xqhDqrpAurYVNeiLJ5+4/WZPml20yNZjcxV
KKqRYdEurl8rmI2toCnCDWiEcTDvoYGtz60eYIt7VJID4DrCjTxAWTWh2T5ag2pK
ryNJGt8BFGLtjeD774SxAFn5MGYBVvEK4LXmCjVX78pb6/0Dceo71dlQUK68yftb
+yTeyoqjwgk2L8vNSrkj6UTkvvqXSONFuVU7bvC0O/9bi5MXBv7QUivMNxDsTtaT
IZO7PsSCRmLraQM2EPBgbNL9lRSEYi4Hj+NicT/e87pbhv88k0oec9xGcnkcvZpN
sJBz78mkZfeFIIjh02e2y9ke/Fqw1FbdhHtU2myaFnX0sRyGLmI/vzXSwyvT+Kxl
Wx8FV64z2PBdwd0vXRaAMXomGC0M1vQa5fBDn4dimzewsSiphQ==
-----END CERTIFICATE-----
 2 s:C = GB, O = Sectigo Limited, CN = Sectigo Public Server Authentication Root R46
   i:C = US, ST = New Jersey, L = Jersey City, O = The USERTRUST Network, CN = USERTrust RSA Certification Authority
   a:PKEY: rsaEncryption, 4096 (bit); sigalg: RSA-SHA384
   v:NotBefore: Mar 22 00:00:00 2021 GMT; NotAfter: Jan 18 23:59:59 2038 GMT
-----BEGIN CERTIFICATE-----
MIIGlTCCBH2gAwIBAgIRANJ/u8HeNZ5SFq1hSVhgmcQwDQYJKoZIhvcNAQEMBQAw
gYgxCzAJBgNVBAYTAlVTMRMwEQYDVQQIEwpOZXcgSmVyc2V5MRQwEgYDVQQHEwtK
ZXJzZXkgQ2l0eTEeMBwGA1UEChMVVGhlIFVTRVJUUlVTVCBOZXR3b3JrMS4wLAYD
VQQDEyVVU0VSVHJ1c3QgUlNBIENlcnRpZmljYXRpb24gQXV0aG9yaXR5MB4XDTIx
MDMyMjAwMDAwMFoXDTM4MDExODIzNTk1OVowXzELMAkGA1UEBhMCR0IxGDAWBgNV
BAoTD1NlY3RpZ28gTGltaXRlZDE2MDQGA1UEAxMtU2VjdGlnbyBQdWJsaWMgU2Vy
dmVyIEF1dGhlbnRpY2F0aW9uIFJvb3QgUjQ2MIICIjANBgkqhkiG9w0BAQEFAAOC
Ag8AMIICCgKCAgEAk77VNlJ12AEjoBxHQknuY7a3If3EldVIKyZ8FFMQ2nn9K7ct
pNQs+uoy3UnCub0PSD17WphUr55dMXRPB/xQId2kz2hPGxJjbSWZTCqZ80gwYfqB
fB6nCErcPiscHxhMcao1jK34bug7StnllALWiYQTqm3ITzPMUJY3kjPcX4jnn1TZ
SPCYQ9Zm/Z8XOEPFAVEL1+MjDxRdWxTnS77d9MjaAzfR1jmhIVEwg7Bt1zBOlluR
```

IPV6 Connection

IP Used	2606:4700::6811:51bb
IP Version	6

```
40C70EF1147C0000:error:0A000410:SSL routines:ssl3_read_bytes:sslv3 alert handshake failure:../ssl/record/rec_layer_s3.c:1599:SSL alert number 40
CONNECTED(00000010)
---
no peer certificate available
---
No client certificate CA names sent
---
SSL handshake has read 7 bytes and written 315 bytes
Verification: OK
---
New, (NONE), Cipher is (NONE)
Secure Renegotiation IS NOT supported
Compression: NONE
Expansion: NONE
No ALPN negotiated
Early data was not sent
Verify return code: 0 (ok)
---
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	403
Connected IP	104.17.82.187
Connect Time	3.87 ms
TTFB	475.32 ms
Total Time	475.4 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Content-Type: text/html; charset=UTF-8",
    "2": "Connection: keep-alive",
    "3": "Date: Sat, 08 Aug 2026 10:30:54 GMT",
    "4": "Location: https://www.nestle.com.my",
    "5": "Access-Control-Allow-Origin: http://nestle.com.my",
    "6": "Access-Control-Allow-Methods: GET, POST",
    "8": "HTTP/2 403",
    "9": "date: Sat, 08 Aug 2026 10:30:54 GMT",
    "10": "content-type: text/html; charset=UTF-8",
    "11": "content-length: 40483",
    "12": "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",
    "13": "cf-mitigated: challenge",
    "14": "x-frame-options: SAMEORIGIN",
    "15": "server: cloudflare",
    "16": "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",
    "17": "cross-origin-embedder-policy: require-corp",
    "18": "cross-origin-opener-policy: same-origin",
    "19": "cross-origin-resource-policy: same-origin",
    "20": "origin-agent-cluster: ?1",
    "21": "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=*",
    "22": "referrer-policy: same-origin",
    "23": "server-timing: chlray;desc=\"a27dd9310fdb2203\"",
    "24": "x-content-type-options: nosniff",
    "25": "cf-ray: a27dd9310fdb2203-KUL"
}
```


IPv6 HTTP (port 80)

HTTP Status	301
Connected IP	2606:4700::6811:51bb
Connect Time	0.91 ms
TTFB	14.31 ms
Total Time	16.69 ms
Error	Could not resolve host: nestle.com.my

Response Headers:


```
[
    "HTTP/1.1 301 Moved Permanently",
    "Date: Sat, 08 Aug 2026 10:30:54 GMT",
    "Content-Type: text/html; charset=UTF-8",
    "Connection: keep-alive",
    "Location: https://nestle.com.my/",
    "Server: cloudflare",
    "CF-RAY: a27dd92dfcc2e41e-KUL"
]
```


IPv4 HTTPS (port 443)

HTTP Status	403
Connected IP	104.17.81.187
Connect Time	3.86 ms
TTFB	937.43 ms

Total Time	937.53 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Content-Type: text/html; charset=UTF-8",
    "2": "Connection: keep-alive",
    "3": "Date: Sat, 08 Aug 2026 10:30:55 GMT",
    "4": "Location: https://www.nestle.com.my",
    "5": "Access-Control-Allow-Origin: https://nestle.com.my",
    "6": "Access-Control-Allow-Methods: GET, POST",
    "8": "HTTP/2 403",
    "9": "date: Sat, 08 Aug 2026 10:30:55 GMT",
    "10": "content-type: text/html; charset=UTF-8",
    "11": "content-length: 40483",
    "12": "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",
    "13": "cf-mitigated: challenge",
    "14": "x-frame-options: SAMEORIGIN",
    "15": "server: cloudflare",
    "16": "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",
    "17": "cross-origin-embedder-policy: require-corp",
    "18": "cross-origin-opener-policy: same-origin",
    "19": "cross-origin-resource-policy: same-origin",
    "20": "origin-agent-cluster: ?1",
    "21": "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=*",
    "22": "referrer-policy: same-origin",
    "23": "server-timing: chlray;desc=\"a27dd936dbde26f2\"",
    "24": "x-content-type-options: nosniff",
    "25": "cf-ray: a27dd936dbde26f2-KUL"
}
```


IPv6 HTTPS (port 443)

HTTP Status	0
Connected IP	2606:4700::6811:51bb
Connect Time	0.8 ms
TTFB	0 ms
Total Time	4.39 ms
Error	OpenSSL/3.0.13: error:0A000410:SSL routines::sslv3 alert handshake failure

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.001226 0.457069
TCP Connect IPv6 → port 80	301 0.007577 0.478903
TCP Connect IPv4 → port 443	301 0.000818 0.911354
TCP Connect IPv6 → port 443	000 0.008042 0.000000

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
```