

IPv6 Readiness Report

nestle.com.my — nestle.com.my




Scan to verify

Category: Enterprise • Generated: 04 Jul 2026, 22:13 MYT • Last Checked: 04 Jul 2026, 03:48 MYT • Verification ID: 53f362b1-7f75-499e-9fe5-e4cb75bf2c3d

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

Audit trail: <https://ipv6.my6.my/audit/53f362b1-7f75-499e-9fe5-e4cb75bf2c3d>

 Partially Compliant <small>MGv6C-1.0</small>	60% Partial Support	IPv6-ONLY READINESS Website: ✗ Not Ready DNS: ✓ Ready Email: ✗ Not Ready
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IPv6 ADDRESSES
2606:4700::6811:51bb
2606:4700::6811:52bb

IPv4 ADDRESSES
99.83.129.68
75.2.65.169

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	99.83.64.0/18

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	99.83.129.68, 75.2.65.169
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 1086ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 2443ms TTFB.

Audit Trail & Evidence Record

Verification ID	53f362b1-7f75-499e-9fe5-e4cb75bf2c3d
Domain	nestle.com.my
Check Mode	Manual
Status	Completed
Started	04 Jul 2026, 03:48:10 MYT
Finished	04 Jul 2026, 03:48:26 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/53f362b1-7f75-499e-9fe5-e4cb75bf2c3d

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	bbdfab9fabfeb643bf592bf5da7fdfee7fbf703165fa559d5c553ed569af9cfc
http_headers	2c20cd9a14f50425bf4852d741c47e63cc6841b7245252ac4ebf5d48476b5ac1
dns_responses	111eea71af72696aa8b01dbb47c0ad5602cbb2897064e9e9ad8ab8d0ac6b7b74
tls_handshake	94f3be18d31b58a7562200d8e492859169ec03d4e2206300d7a5dba57272a8d4
connectivity_log	ed20a9d5176fb3d86cdc42088f29bc1c220cca7ce8e59851216b22de24fa6cc3
dns_resolution_times	6dba7b29884b889c38bb28acb2f1cb19e4e13e70831c140e7d3fc56b6a8b8ed2

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	20.97	24.63	17.3	32.51	-3.7
Google	IPv4	35.98	36.95	35.69	38.09	-0.3
Google	IPv6	19.08	20.92	21.08	21.64	+2
Cloudflare	IPv4	9.95	13.87	12.79	21.68	+2.8
Cloudflare	IPv6	31.7	38.02	22.76	39.45	-8.9

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 33450
;; 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: 37566
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 2429 IN SOA e.nic.my. hostmaster.nic.my. 2026052755 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 36409
;; 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: 60042
;; 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 amsdns1.nestle.com.
nestle.com.my. 3600 IN NS aoadns1.nestle.com.
nestle.com.my. 3600 IN NS ctrdns1.nestle.com.
nestle.com.my. 3600 IN NS eurdns1.nestle.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 49615
;; 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-nqw39wacxuyei3otxp-494497-2022-06-03"
nestle.com.my. 3600 IN TXT "google-site-verification=wHw5JJ32CwCbVAUxdgAhLaYL-kqw-3MsBY6siKkyfk"
nestle.com.my. 3600 IN TXT "_qg3mvkur3e51tr8nzlj3k4bs2upstc5"
nestle.com.my. 3600 IN TXT "lp5xw8rkfg04dd16wswblc8dpglmc8w"
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"
nestle.com.my. 3600 IN TXT "fastly-domain-delegation-atoqpvzxyeqtnux44iwx-498040-2022-06-17"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 21026
;; 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. 3593 IN SOA ctrdns1.nestle.com. nestlednsadmin.nestle.com. 2008112137 7200 900 1209600 3600
```

RRSIG

```
ctrdns1.nestle.com. nestlednsadmin.nestle.com. 2008112137 7200 900 1209600 3600
```

DNSKEY

```
;; Got answer:
;; ->HEADER<- opcode: QUERY, status: NOERROR, id: 3460
;; 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. 3593 IN SOA ctrdns1.nestle.com. nestlednsadmin.nestle.com. 2008112137 7200 900 1209600 3600
```

DNSSEC_VALIDATION

```
; unsigned answer
nestle.com.my. 3592 IN SOA ctrdns1.nestle.com. nestlednsadmin.nestle.com. 2008112137 7200 900 1209600 3600
```


TLS Handshake Evidence

IPV4 Connection

IP Used	99.83.129.68
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:PKKEY: 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/KgAwIBAgIRANJnH1P5qSNfk5ktAxoMdcwDQYJKoZIhvcNAQELBQAw
RjELMAkGA1UEBhMCQVQvFTATBgNVBAoTDFplcm9TU0wgr21iSDEgMB4GA1UEAxMx
WmVybINTTCSU0EgRFYyU1NMIENBIDwHhcnMjYwNjI5MDAwMDAwWlhcNMjYwOTI3
MjM1OTU5WjAYMRYwFAYDQQEwLuZXN0bGUyZ29tLm15MIIIBjANBgkqhkiG9w0B
AQEFAAOCAQ8AMIIBCgKCAQEAkIqNtQvV+mSnm0d94/KQ//z0rNT1oyzyMn0FNe
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5sFy5vAcqBsg46LPdmI9pSLmovLxJdhptNI8ymx00jG7Uef7t279Vpa4GiGD4e
JNu4UGT/iTWP25ydHnkNuV+xxf2W1aF00S22W/79SWEt4Z5AqgPVt6iEkg+AAIH
1g7iitR5U1ExAMBfHrko8BnPNz9UTQ3VBZML2NMRtL3idqTifrU5cIr/CaY2fb
2keRBupEF9fqsmb0DX4ohog3mJzqGQ+nUG1nTAWFhFWQIDAQBo4ICHZCCAhsW
HwYDVR0jBBgwFoAUS776doQjRAS5zr4xb+n1Mgb/DFcWHDVDR00BBYEFFANF/9z
yUT22Zj9ILPcYsm0XWR1MA4GA1UdDwEB/wQEAwIFoDAMBGNVHRMBAf8EAJAAMBGM
A1UdJQOMMAoGCCsGAQUFBwMBMBMGA1UdIAQMMAAowCAYGZ4EMAQIBMG4GCCsGAQUF
BwEBBGiWYDA5BggrrBgEFBQcwAoYtaHR0cDovL2Nydc5zZWNoaWdvLmNvbS9zaXJv
U1N1NjU0bG9wZDQ1UyZ3M0MjM1MjM1MjM1MjM1MjM1MjM1MjM1MjM1MjM1MjM1MjM1
aWdvLmNvbTCCAQUGCCsGAQUFBwMBMGA1UdIAQMMAAowCAYGZ4EMAQIBMG4GCCsGAQUF
BwEBBGiWYDA5BggrrBgEFBQcwAoYtaHR0cDovL2Nydc5zZWNoaWdvLmNvbS9zaXJv
U1N1NjU0bG9wZDQ1UyZ3M0MjM1MjM1MjM1MjM1MjM1MjM1MjM1MjM1MjM1MjM1MjM1
v/mCyTNaZeH0swFzF8DIxwL3AAABnx33EQAAAQDAEgwRgIhAko2qsCdG5Sba3ng
jRpTb7DbumN9LX00ucKcNdb9wNDPAIEAuBykeL2TshgLJSgeSXi4647xsRe0qwxz
fAnYoM1WNoAdgDio8R/x70tuTvAT9qehJt4z0p06XGRvMxRtLlMR3PmgAAAZ8Q
t9W7AAAEAwBHMEUCICcjQ5mWyt5BaF1w/Qg4vzjNaCENZ8DzUyu0wDSJKB0EAEIA
tKmlV2BfiYakf668CR2jlv4QuLcpW8G9wcPACqBHSQwGAYDVR0RBBEwD4INbmVz
dGxLLmNvbS5teTANBgkqhkiG9w0BAQsFAAOCAQEAACVgmlZ1oDPmjhFFEE6E6URBU
HISVtFUBn41vN2Q+Z3x0stiuxE2ZtZl6D6pA8/7TTgGloZTIFceF84PC7q+Qp/IQ
XTnaQF99LU37kT17DUvks/L1wrR0qCfy9msRfswH5j05u1E5uk3PRATxufveQuoz
ghaE+BBs0IXr7ornLuxY6s1ceRuRQSe0ezUSYNumtAaNLvLo2XM/xerr9dfdp
TgXjVzy7owVx80Uot2+E0k5pbZi8MqLX4VXMa6D3jRC6n2A2YA+nsC04jw8DNLVR
SABrdjCL/RKbBFu/quepFKTZ6bcMwREzGfC500UzCFLlly/psWhxMMfE1NvAxCN
P2iyDmbqncArot84TYicpiNq1f5dGoum/8m4i5D/zgRQwGFS0lfju2+dbYoDpEGT
paf7ExvNa3tx2a0yI2UsDwa0Vrh1l1hrSyIr97Xg44ztgbZcYk/n4EGE6a13t
dIDMpuvF1dPE4U7NmBkD5TC74zh7FD2lW+XZ0LL
-----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:PKKEY: 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-----
MIIGITCCBAmgAwIBAgIRANCCVfjldl8zltERRwKjcwDQYJKoZIhvcNAQEMBQAw
XzELMAkGA1UEBhMCRC0EXDQwBGNVBAoTDFplcm9TU0wgr21iSDEgMB4GA1UEAxMx
AxMtU2VjdGlnbyBQdWJsaWMyU2VydMvYIEF1dGhlnRyY2F0aW9uIFJvb3Q0UjQ2
MB4XDTI1MDkxNDAwMDAwMFoXDTM1MDkxMjM1MjM1MjM1MjM1MjM1MjM1MjM1MjM1MjM1
FTATBgNVBAoTDFplcm9TU0wgr21iSDEgMB4GA1UEAxMxWmVybINTTCSU0EgRFYyU1NMIENBIDwHhcnMjYwNjI5MDAwMDAwWlhcNMjYwOTI3
MjM1OTU5WjAYMRYwFAYDQQEwLuZXN0bGUyZ29tLm15MIIIBjANBgkqhkiG9w0B
AQEFAAOCAQ8AMIIBCgKCAQEAkIqNtQvV+mSnm0d94/KQ//z0rNT1oyzyMn0FNe
E4rvdqAKzUPp3bd0UsYk3VAuwC0uaFP0Z3ARgfWfJUSn05DYrHsLeTcdYlP4oER
5sFy5vAcqBsg46LPdmI9pSLmovLxJdhptNI8ymx00jG7Uef7t279Vpa4GiGD4e
JNu4UGT/iTWP25ydHnkNuV+xxf2W1aF00S22W/79SWEt4Z5AqgPVt6iEkg+AAIH
1g7iitR5U1ExAMBfHrko8BnPNz9UTQ3VBZML2NMRtL3idqTifrU5cIr/CaY2fb
2keRBupEF9fqsmb0DX4ohog3mJzqGQ+nUG1nTAWFhFWQIDAQBo4ICHZCCAhsW
HwYDVR0jBBgwFoAUS776doQjRAS5zr4xb+n1Mgb/DFcWHDVDR00BBYEFFANF/9z
yUT22Zj9ILPcYsm0XWR1MA4GA1UdDwEB/wQEAwIFoDAMBGNVHRMBAf8EAJAAMBGM
A1UdJQOMMAoGCCsGAQUFBwMBMBMGA1UdIAQMMAAowCAYGZ4EMAQIBMG4GCCsGAQUF
BwEBBGiWYDA5BggrrBgEFBQcwAoYtaHR0cDovL2Nydc5zZWNoaWdvLmNvbS9zaXJv
U1N1NjU0bG9wZDQ1UyZ3M0MjM1MjM1MjM1MjM1MjM1MjM1MjM1MjM1MjM1MjM1MjM1
v/mCyTNaZeH0swFzF8DIxwL3AAABnx33EQAAAQDAEgwRgIhAko2qsCdG5Sba3ng
jRpTb7DbumN9LX00ucKcNdb9wNDPAIEAuBykeL2TshgLJSgeSXi4647xsRe0qwxz
fAnYoM1WNoAdgDio8R/x70tuTvAT9qehJt4z0p06XGRvMxRtLlMR3PmgAAAZ8Q
t9W7AAAEAwBHMEUCICcjQ5mWyt5BaF1w/Qg4vzjNaCENZ8DzUyu0wDSJKB0EAEIA
tKmlV2BfiYakf668CR2jlv4QuLcpW8G9wcPACqBHSQwGAYDVR0RBBEwD4INbmVz
dGxLLmNvbS5teTANBgkqhkiG9w0BAQsFAAOCAQEAACVgmlZ1oDPmjhFFEE6E6URBU
HISVtFUBn41vN2Q+Z3x0stiuxE2ZtZl6D6pA8/7TTgGloZTIFceF84PC7q+Qp/IQ
XTnaQF99LU37kT17DUvks/L1wrR0qCfy9msRfswH5j05u1E5uk3PRATxufveQuoz
ghaE+BBs0IXr7ornLuxY6s1ceRuRQSe0ezUSYNumtAaNLvLo2XM/xerr9dfdp
TgXjVzy7owVx80Uot2+E0k5pbZi8MqLX4VXMa6D3jRC6n2A2YA+nsC04jw8DNLVR
SABrdjCL/RKbBFu/quepFKTZ6bcMwREzGfC500UzCFLlly/psWhxMMfE1NvAxCN
P2iyDmbqncArot84TYicpiNq1f5dGoum/8m4i5D/zgRQwGFS0lfju2+dbYoDpEGT
paf7ExvNa3tx2a0yI2UsDwa0Vrh1l1hrSyIr97Xg44ztgbZcYk/n4EGE6a13t
dIDMpuvF1dPE4U7NmBkD5TC74zh7FD2lW+XZ0LL
-----END CERTIFICATE-----
```

```
A4ICAQCJ/3v2/vdexHsdVyXL9aCTQE01YXL23866TVM/LgRpRW+kneZXXZxP0hy4
GnvLqUcxTq97B6qPdQcQxQxpGne7CRn0nWauzqieMcJzYL3fDC2Q/ANYPhyrbwCI
zx9EsRrgfjvuJCaUMtLfYpKqBUYiPOCPAN0HdRlD5hU6oV1tvWVsUzTA43skC3uH
wQM5YPik0NDJFw3NhQP0I0wbq09T+SYSEZvsJ3t4sA4H3gh03RETNaAwTcTNS/+u
1tAeQUZzmkQyLWYLyoXvbISp/MFr9xqhDqrAurYVNeiLJ5+4/WZPmL20yNZjcxV
KKqRYdEurL8rmI2toCnCDWiEcTDvoYgtz60eYIt7VJID4DrCjTxAWTWh2T5ag2pK
ryNJGt8BFGltjeD7745xAFn5MGYBVvEK4LXmCjVX78pb6/0Dceo71dLQUK68yftb
+yTeyoqjwgk2L8vNsRkj6UTkvvqX50NFuVU7bvC00/9bi5MXBv70UivMNxDsTtaT
I207PsSCRmLraQM2EPBgbNL9LRSEYi4Hj+NicT/e87pbhv88k0oec9xGcnkcvZpN
sJBz78mkZfeFIIjh02e2y9ke/Fqw1FbdhHtU2myaFnX0sRyGLmI/vzXSwyvT+KxL
Wx8FV64z2PBdwd0vXRaAMXomGC0MlvQa5fBDn4dimzewsSiphQ==
-----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:PKKEY: 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/u8HeNZ55Fq1hSVhgmcQwDQYJKoZIhvcNAQEMBoAw
gYgczAJBgNVBAYTALVTMRMwEQYDVQIEwP0ZXc5SmVyc2V5MRQwEgYDVQOHEwtK
ZXJzZXkgQ2l0eTEeMBwGA1UEChMVVGlhVTRVJUULVTVCB0ZXR3b3JrMS4wLWYD
VQ0EYyVU0VSUHJ1c3QgU0NBIEIENlcnRpZmljYXRpb24gQXV0aG9yaXR5MB4XDITx
MDMyMjAwMDAwMzF0eDQ0MDEwODIzNTk1OVowXzELMAkGA1UEBhMCRC0xGDAwBQNV
BAoTD1NlY3R3Z28gTGltXRlZDE2MDQGA1UEAxMtu2VjdGlnbyBQdWJsaWwMgU2Vy
dmVyeIEF1dGhlnbnRyY2F0aW9uIFJvb3QgUjQ2MIIICjANBgkqhkiG9w0BAQEFAAOC
Ag8AMIIICGKAgEAK77VNLJ12AEjoBxHQknuY7a3if3EldVIKyZ8FFMQ2nn9K7ct
pNQs+uoy3UnCub0PSD17WphUr55dMXPB/xQId2kz2hPGxJjbsWZTCqZ80gwYfgB
fB6nCErcPiscHxhMcao1jK34bug7StnlLALwiYQtm3ITzPMUJY3kjPcX4jnn1TZ
SPCYQ9Zm/Z8X0EPFAVEL1+MjDxRdWxTnS77d9MjaAzfR1jmhIVEwg7Bt1zB0llLuR
```

IPv6 Connection

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

```
40A7E93FB9790000: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	5.63 ms
TTFB	845.36 ms
Total Time	845.45 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Content-Type: text/html; charset=UTF-8",
  "2": "Connection: keep-alive",
  "3": "Date: Fri, 03 Jul 2026 19:48:21 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: Fri, 03 Jul 2026 19:48:22 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=\"a15868461943a559\"",
  "24": "x-content-type-options: nosniff",
  "25": "strict-transport-security: max-age=31536000",
  "26": "cf-ray: a15868461943a559-KUL"
}
```

IPv6 HTTP (port 80)

HTTP Status	301
Connected IP	2606:4700::6811:51bb
Connect Time	1 ms
TTFB	27.59 ms
Total Time	28.86 ms
Error	Could not resolve host: nestle.com.my

Response Headers:

```
[
  "HTTP/1.1 301 Moved Permanently",
  "Date: Fri, 03 Jul 2026 19:48:21 GMT",
  "Content-Type: text/html; charset=UTF-8",
  "Connection: keep-alive",
  "Location: https://nestle.com.my/",
  "Server: cloudflare",
  "CF-RAY: a1586840afe764ad-KUL"
]
```

IPv4 HTTPS (port 443)

HTTP Status	403
Connected IP	104.17.82.187
Connect Time	5.41 ms

TTFB	1919.41 ms
Total Time	1919.49 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Content-Type: text/html; charset=UTF-8",
  "2": "Connection: keep-alive",
  "3": "Date: Fri, 03 Jul 2026 19:48:23 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: Fri, 03 Jul 2026 19:48:24 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: chrlay;desc=\"a158685218121a53\"",
  "24": "x-content-type-options: nosniff",
  "25": "strict-transport-security: max-age=31536000",
  "26": "cf-ray: a158685218121a53-KUL"
}
```

IPv6 HTTPS (port 443)

HTTP Status	0
Connected IP	2606:4700::6811:51bb
Connect Time	0.85 ms
TTFB	0 ms
Total Time	3.86 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 0.001558 0.709681
TCP Connect IPv6 → port 80	301 0.001185 0.020312
TCP Connect IPv4 → port 443	301 0.001316 1.879938
TCP Connect IPv6 → port 443	000 0.000823 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
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
```