

IPv6 Readiness Report

nst.com.my — nst.com.my




Scan to verify

Category: News Portal • Generated: 04 Jul 2026, 22:18 MYT • Last Checked: 04 Jul 2026, 03:28 MYT • Verification ID: 5c098bb3-ecb0-4e3a-8ea5-20c2477e2092

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

Audit trail: <https://ipv6.my6.my/audit/5c098bb3-ecb0-4e3a-8ea5-20c2477e2092>



Partially Compliant
MGv6C-1.0

82%
Partial Support

IPv6-ONLY READINESS

Website: ✓ Ready

DNS: ✓ Ready

Email: ✗ Not Ready

IPv6 ADDRESSES

2606:4700::6812:41c
2606:4700::6812:51c

IPv4 ADDRESSES

35.241.55.113

Network Information (WHOIS / RDAP)

	IPv6 Network	IPv4 Network
Organization	Cloudflare, Inc.	Google LLC
Country	US	US
ASN	AS13335	AS396982
ASN Name	CLOUDFLARENET - Cloudflare, Inc., US	GOOGLE-CLOUD-PLATFORM - Google LLC, US
Network (CIDR)	2606:4700::/32	35.208.0.0/12

Web Services (35%) 8 / 8			
#	CHECK	RESULT	DETAIL
1	AAAA Record	PASS	2606:4700::6812:41c, 2606:4700::6812:51c
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	PASS	HTTPS (port 443) responds over IPv6 — 74ms 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 Sep 16 07:15:07 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.

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

Email Services (25%) 4 / 6

#	CHECK	RESULT	DETAIL
1	MX Record Exists	PASS	MX record found.
2	MX Server Has IPv6	PASS	MX server has AAAA record.
3	SMTP Reachable via IPv6	FAIL	SMTP is not reachable over IPv6.
4	STARTTLS over IPv6	FAIL	STARTTLS not available over IPv6.
5	SPF Record	PASS	SPF record found.
6	DKIM Selector	INFO	DKIM selector found: google._domainkey
7	DMARC Record	PASS	DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	35.241.55.113
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 47ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 57ms TTFB.

Audit Trail & Evidence Record

Verification ID	5c098bb3-ecb0-4e3a-8ea5-20c2477e2092
Domain	nst.com.my
Check Mode	Scheduled
Status	Completed
Started	04 Jul 2026, 03:27:10 MYT
Finished	04 Jul 2026, 03:28:21 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/5c098bb3-ecb0-4e3a-8ea5-20c2477e2092

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	dcc5088ed52c90eacf291c1f3c6b470306f52649ffb8174db84ae3ece635b4d8
http_headers	d4a62e68c029dd5d2b1546876d9c49aea2637e06bb5ca87090aa60a1813b57f9
dns_responses	69a6b285d6d725c91bac6064e940baee70d61355294e28c2e586ecbf7bf30d24
tls_handshake	4321f96dfcd519171b576b913ec43963a221c0e5e50353a5d5ef5521b961b59e
connectivity_log	cc9eea6b6435347cf04c1dcbd0e2be33010a99df4ab959495c9236b8ab6f60a0
dns_resolution_times	5569435f96252acf49f615e548fdf1b7a89f342bf42ba679ae9f40c82f34d4e4

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	22.4	23.2	22.84	23.49	+0.4
Google	IPv4	22.44	28.1	16.14	24.23	-6.3
Google	IPv6	19.8	22.18	21.02	24.16	+1.2
Cloudflare	IPv4	20.96	22.53	9.65	10.01	-11.3
Cloudflare	IPv6	20.43	21.3	20.39	30.21	-0

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 17074
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
nst.com.my. 300 IN A 35.241.55.113
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 32749
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 2078 IN SOA e.nic.my. hostmaster.nic.my. 2026052750 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 31785
;; flags: qr rd ra; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
nst.com.my. 300 IN MX 5 alt1.aspmx.l.google.com.
nst.com.my. 300 IN MX 1 aspmx.l.google.com.
nst.com.my. 300 IN MX 10 alt3.aspmx.l.google.com.
nst.com.my. 300 IN MX 10 alt4.aspmx.l.google.com.
nst.com.my. 300 IN MX 5 alt2.aspmx.l.google.com.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 60441
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
nst.com.my. 21600 IN NS ns-cloud-b2.googledomains.com.
nst.com.my. 21600 IN NS ns-cloud-b1.googledomains.com.
nst.com.my. 21600 IN NS ns-cloud-b4.googledomains.com.
nst.com.my. 21600 IN NS ns-cloud-b3.googledomains.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 2529
;; flags: qr rd ra; QUERY: 1, ANSWER: 14, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
nst.com.my. 300 IN TXT "google-site-verification=eG4kmzLimVvC6jVDRPKI7YN5gzFh0UccgR4DPH01m8w"
nst.com.my. 300 IN TXT "google-site-verification=2nqvL8T_WK1FIxBryPQq9dusp4Lx93gT6t-s8F0wX0s"
nst.com.my. 300 IN TXT "google-site-verification=rrVGysoXtkfbzfvhG8M-XymWavKPSxK57lqR455FfsE"
nst.com.my. 300 IN TXT "google-site-verification=qd149hYTS82uWaHh-10qoovxMYCqyBH0BwpE1jNiIyzk"
nst.com.my. 300 IN TXT "google-site-verification=CEisIAT40S7QVUY_i3PWXAhljmB65QRh76b51q18z0"
nst.com.my. 300 IN TXT "ppe-626f2fe8a3e72a51179e346cf7eba5ddb19cf58f"
nst.com.my. 300 IN TXT "google-site-verification=24dZsqRAYS-Y3uE4uho0JEC0NBuFrX6AVbDEG_OZeg"
nst.com.my. 300 IN TXT "google-site-verification=RQ8XLoalBw5UN0w1rPmMwq2o6C-5antniiGm_uL5BPC"
nst.com.my. 300 IN TXT "MS=ms11155859"
nst.com.my. 300 IN TXT "knowbe4-site-verification=85754b622d39b55681a28a12ea584aff"
nst.com.my. 300 IN TXT "mMFLt4KwGfxneqLmxBveQ4rt5MIFD3cDiDz7LmyafDlrw72kiNj4Fr5rLo4L40xVKVW0r6Tf9jHiZKyn2uGWYg=="
nst.com.my. 300 IN TXT "v=spf1 include:_spf.google.com include:sendgrid.net ~all"
nst.com.my. 300 IN TXT "dailymotion-domain-verification=dm917h2s8qj3gmyec"
nst.com.my. 300 IN TXT "google-site-verification=hzu9AeK9c_Ku0U6jF5Cl9DrleWILFtsmc4M4osZKfx4"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 51896
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
nst.com.my. 2 21600 3600 259200 300
```

RRSIG

```
ns-cloud-b1.googledomains.com. cloud-dns-hostmaster.google.com. 2 21600 3600 259200 300
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 56300
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
nst.com.my. 2 21600 3600 259200 300
```

DNSSEC_VALIDATION

```
; unsigned answer
nst.com.my. 2 21600 3600 259200 300
```


TLS Handshake Evidence

IPV4 Connection

IP Used	35.241.55.113
IP Version	4

```
depth=2 C = US, O = Google Trust Services LLC, CN = GTS Root R1
verify return:1
depth=1 C = US, O = Google Trust Services, CN = WR3
verify return:1
depth=0 CN = nst.com.my
verify return:1
CONNECTED(00000010)
...
Certificate chain
0 s:CN = nst.com.my
i:C = US, O = Google Trust Services, CN = WR3
a:PKKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
v:NotBefore: Jun 16 05:35:35 2026 GMT; NotAfter: Sep 14 06:29:29 2026 GMT
-----BEGIN CERTIFICATE-----
MIIFIDCCBAigAwIBAgIQBmgaQtaeEUAQLE5YJwUuczANBgkqhkiG9w0BAQsFADA7
MQswCQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZpY2VzMQww
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vLcfmRdYiZCo17cplZzvbxxvNUo=
-----END CERTIFICATE-----
1 s:C = US, O = Google Trust Services, CN = WR3
i:C = US, O = Google Trust Services LLC, CN = GTS Root R1
a:PKKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
v:NotBefore: Dec 13 09:00:00 2023 GMT; NotAfter: Feb 20 14:00:00 2029 GMT
-----BEGIN CERTIFICATE-----
MIIFCzCAV0gAwIBAgIQfAFqRVo1jq8IoYWhKpLwJANBgkqhkiG9w0BAQsFADBH
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MBMGA1UdJQQMMAoGCCsGAQUFBwMBBgggrBgEFBQcDAjASBgNVHRMBAf8ECDAGAQH/
AgEAMB0GA1UdDgQwBBTHgfX9jZADxNY6JQMSGzjP+IzAFBgNVHSMGDAwGwBTK
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2752+eiJb5Ys0Jc8D0VHalwlp0vbuPdl5BuAEgIK4Va7l9j3J9M1/EjwJGTM3R0s
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```

```

40Ri8kMRpnL8UEjKnbDw9KL1eYbEC3D0GPue2Yk2AGhxkcmD1Bo0p05kYw/Nnqg
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VnBaaEiz6pngZ1u60e0/1UzfhmyTm0n0G+9JZ3KS2Mq08isNgXHLnhLHJaphE=
-----END CERTIFICATE-----
2 s:C = US, 0 = Google Trust Services LLC, CN = GTS Root R1
i:C = BE, 0 = GlobalSign nv-sa, OU = Root CA, CN = GlobalSign Root CA
a:PKKEY: rsaEncryption, 4096 (bit); sigalg: RSA-SHA256
v:NotBefore: Jun 19 00:00:42 2020 GMT; NotAfter: Jan 28 00:00:42 2028 GMT
-----BEGIN CERTIFICATE-----
MIIFYjCCBEqgAwIBAgIQd70NbnS2+RrQIQ/E8FjTDTANBqkqkiG9w0BAQsFADBX
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KSUjB6G00j0uYODP0gmHu81I8E3CwnqIiru6z1kZ1q+PsAewnJHxgsHA3y6mbWwZ
DrXYfiYaRQM9sHmkLCitD38m5agI/pboPGiUU+6D0ogrFZYJsuB6jC511pzrpr1Zk
j5ZPaK4918KEj8C8QMALXL32h7M1bKwYUH+E4EzNktMg6T08UpmvMrUpsyUqtEj5
cuHKZPFmghCN6J3Cioj60GaK/GP5Afl4/Xtcd/p2h/rs37E0eZVXtL0m79YB0esW
CruQC7XfXypVq90s6pFLKcwZpDILLrXZUTQAs6qzkm06p98g7BAe+dDq6ds0499
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BgNVHRMBAf8EBTADAQH/MB0GA1UdDgQWBTKrYsmcRorSCeFL1JmL0/wiRNXpJAf
BgNVHSMEGDAWgBRge2YaRQ2XyoLQL30EzT5o//z9SgBgggrBgEFBQcBAQRUMFIw

```

IPv6 Connection

IP Used	2606:4700::6812:41c
IP Version	6

```

depth=2 C = US, 0 = Google Trust Services LLC, CN = GTS Root R4
verify return:1
depth=1 C = US, 0 = Google Trust Services, CN = WE1
verify return:1
depth=0 CN = nst.com.my
verify return:1
CONNECTED(00000010)
---
Certificate chain
0 s:CN = nst.com.my
i:C = US, 0 = Google Trust Services, CN = WE1
a:PKKEY: id-ecPublicKey, 256 (bit); sigalg: ecdsa-with-SHA256
v:NotBefore: Jun 18 06:15:13 2026 GMT; NotAfter: Sep 16 07:15:07 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDnzCCA0agAwIBAgIQ7zH0ekKwUMTuPeSt56IojAKBggqhkiG9w0DQDQAA7A1M0sw
CQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZpY2VzMQwwCgYD
VQ0EwNXRTEwHhcnMjYwNjE4MDYxNTEzZWhcNMjYwOTI2MDcxNTA3WjAVMRMwEQYD
VQ0Ewepuc3QuY29tLm15MFkwEYyKozIzj0CAQYIKoZIzj0DAQcDQgAE9TEmlzNl
ZjY3FzAwPboECfjj7UPRniTCLm12P3VRQ023DnSJA+VS3RVDJb6mRysfr34Wx6
YjD9fU2TEmnb60CALAwggJMAA4GA1UdDwEB/wQEAwIHgDATBgNVHSEUDDAKBgggr
BgEFBQcDATAMBgNVHRMBAf8EAjAAMB0GA1UdDgQWBBSLHSMEOFIhohad7ojx9cXa
P6ssZaFbGwNVHSMEGDAWgBSQd5I1Z8T/qMyp5nvZghL7zJP50DBeggrBgEFBQcB
AQRSMFAwJwYIKwYBBQUHMAAGGG2h0dHA6Ly9vLnBraS5nb29nL3Mvd2UxL1R6RTAl
BggrBgEFBQcCwAoYZaHR0cDovL2kucGtpLmdvb2cvd2UxLmNyYDAjBgNVHREEHDAa
ggpuc3QuY29tLm15ggwqLm5zdC5jb20ubXkwEwYDVR0gBAwwCjAIBgZngQwBAGew
NgYDVR0fBc8wLTAroCmgJ4YLaHR0cDovL2MucGtpLmdvb2cvd2UxL1I3TGdBBkTE
NExrLmNybdCCAQMGCisGAQ01nkCBAIEgfQEGfEA7wB2ANdtfRDRp/V3wsfpX9cA
v/mCyTNaZeHqsWfzF8DIxwL3AAABntmVgXQAAQDAEcwRQIhALLIhGzAlh0T2uRu
92nG6I4ceMsa+/MXNM6HMCiAR7rUAiB13gQBbu3ljUdD9uHEM/3LAThb2EX8aqYg
D1aqJyew5AB1AMIxflDFgANF7n843rK0QevHwiFaIr9/1bwtdprZDLNAAABntmV
gWEAAAQDAEYwRAIgrK/eSVELCF30E69ncM2nWC6UEix+PAk0wsN6e/BtunICICnd
M3Mluj/H0ajCy6CmceY5k4wK3YhboQW69Ms9eshf1MAoGCCGSM49BAMCA0cAMEQC
IEftXalWnUqCCLUuK88fHMxg+0rUT1kjRYzoJwLHF1eA1Alh7wRkGx06Dopmy+8
0t0kmpZNUKgg0LgVegITTM9Gg==
-----END CERTIFICATE-----
1 s:C = US, 0 = Google Trust Services, CN = WE1
i:C = US, 0 = 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/MZd5csIkp2FV0TttaF4zAKBggqhkiG9w0DQDQAAzBHM0sw
CQYDVQQGEwJVUzEiMCAgA1UEChMZR29vZ2x1IFRydXN0IFNlcnZpY2VzIExMQzEUE
MBIGAlUEAxMLR1RTIFJvb3QgUjQwHhcnMjYwNjEzMDYxNTEzZWhcNMjYwOTI2MDcx
MDAwWjA7MQswCQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZp
Y2VzMQwwCgYDVQQDEwNXRTEwTATBgqhkiG9w0DQDQAAzBHM0swCQYDVQQGEwJVUzE

```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	104.18.5.28
Connect Time	13.31 ms
TTFB	39.22 ms
Total Time	39.29 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Server: nginx/1.24.0 (Ubuntu)",
  "2": "Date: Fri, 03 Jul 2026 19:28:21 GMT",
  "3": "Content-Type: text/html",
  "4": "Content-Length: 178",
  "5": "Location: https://www.nst.com.my/",
  "6": "Via: 1.1 google",
  "8": "HTTP/2 200",
  "9": "date: Fri, 03 Jul 2026 19:28:21 GMT",
  "10": "content-type: text/html; charset=UTF-8",
  "11": "server: cloudflare",
  "12": "cache-control: public, max-age=30",
  "13": "alt-svc: h3=\":443\"; ma=86400",
  "14": "x-frame-options: allow-from http://digital.nstp.com.my/",
  "15": "x-xss-protection: 1; mode=block",
  "16": "x-content-type-options: nosniff",
  "17": "strict-transport-security: max-age=31536000; includeSubDomains",
  "18": "referrer-policy: strict-origin-when-cross-origin",
  "19": "via: 1.1 google",
  "20": "vary: accept-encoding",
  "21": "age: 11",
  "22": "last-modified: Fri, 03 Jul 2026 19:28:17 GMT",
  "23": "expires: Fri, 03 Jul 2026 19:28:51 GMT",
  "24": "cf-cache-status: HIT",
  "25": "set-cookie: __cf_bm=qQMp_dGLfN0gpeGb7b3bvw.uvDq4JcFb_KUz9LIqFK0-1783106901.6509254-1.0.1.1-N8SeG580v7JMv4_pvDtHNIe45S06R0zMr0GGXbskYr7B.maNtmHios.y1bei3y_8v4Ywp9zKBwS2d7jIjtZV4DDK03oNeLb.ANSgDb0WYtt00eaj_u.Mz80.103iRSP; HttpOnly; Secure; Path=/; Domain=nst.com.my; Expires=Fri, 03 Jul 2026 19:58:21 GMT",
  "26": "cf-ray: a1584af75fc0252a-KUL"
}
```

IPv6 HTTP (port 80)

HTTP Status	301
Connected IP	2606:4700::6812:41c
Connect Time	1.86 ms
TTFB	7.5 ms
Total Time	8.67 ms
Error	Could not resolve host: nst.com.my

Response Headers:

```
[
  "HTTP/1.1 301 Moved Permanently",
  "Date: Fri, 03 Jul 2026 19:28:21 GMT",
  "Content-Type: text/html; charset=UTF-8",
  "Connection: keep-alive",
  "Location: https://nst.com.my/",
  "X-Content-Type-Options: nosniff",
  "set-cookie: __cf_bm=tQnoaetx62shc2rjot7mCf11EEgPLGp7G4cM2pLhXm8-1783106901.4541197-1.0.1.1-yTABEa43F6R8mXc6Kw3qzQllgdIKQkBhhjALLYCbMI7BuXZPImd28xtc9PXbaNK528840X4nIKpWgZ7Dqoz__L9W3GV6nmaxRN9TqNIJ.Jff.lN8pRBKHZxksZzJq9; HttpOnly; Path=/; Domain=nst.com.my; Expires=Fri, 03 Jul 2026 19:58:21 GMT",
  "Referrer-Policy: strict-origin-when-cross-origin",
  "X-Frame-Options: allow-from http://digital.nstp.com.my/",
  "Server: cloudflare",
  "CF-RAY: a1584af61ff99928-KUL",
  "alt-svc: h3=\":443\"; ma=86400"
]
```

IPv4 HTTPS (port 443)

HTTP Status	200
-------------	-----

Connected IP	104.18.4.28
Connect Time	27.2 ms
TTFB	67.85 ms
Total Time	67.94 ms

Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "server: nginx/1.24.0 (Ubuntu)",
  "2": "date: Fri, 03 Jul 2026 19:28:21 GMT",
  "3": "content-type: text/html",
  "4": "content-length: 178",
  "5": "location: https://www.nst.com.my/",
  "6": "via: 1.1 google",
  "7": "alt-svc: h3=\":443\"; ma=2592000",
  "9": "HTTP/2 200",
  "10": "date: Fri, 03 Jul 2026 19:28:21 GMT",
  "11": "content-type: text/html; charset=UTF-8",
  "12": "server: cloudflare",
  "13": "cache-control: public, max-age=30",
  "14": "alt-svc: h3=\":443\"; ma=86400",
  "15": "x-frame-options: allow-from http://digital.nstp.com.my/",
  "16": "x-xss-protection: 1; mode=block",
  "17": "x-content-type-options: nosniff",
  "18": "strict-transport-security: max-age=31536000; includeSubDomains",
  "19": "referrer-policy: strict-origin-when-cross-origin",
  "20": "via: 1.1 google",
  "21": "vary: accept-encoding",
  "22": "age: 11",
  "23": "last-modified: Fri, 03 Jul 2026 19:28:17 GMT",
  "24": "expires: Fri, 03 Jul 2026 19:28:51 GMT",
  "25": "cf-cache-status: HIT",
  "26": "set-cookie: __cf_bm=W0qvRukuPnK63nVBh5D2E.kqxiQdQeJ14azSx8ipULY-1783106901.7195737-1.0.1.1-.2903vjBii1PTQyn3p4fLbtXjeoSAM8w0c3jIIeEca6nGwgY5HwKjW5UHTFSYG_UztrrasCmroLXADqJyv0n3iQlyAZPSbIDhGNSFJRAN2KhQKNauBNUrkQNkwHRmEZ; HttpOnly; Secure; Path=/; Domain=nst.com.my; Expires=Fri, 03 Jul 2026 19:58:21 GMT",
  "27": "cf-ray: a1584af7bf3635be-KUL"
}
```

IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2606:4700::6812:41c
Connect Time	97.57 ms
TTFB	155.3 ms
Total Time	155.38 ms

Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "date: Fri, 03 Jul 2026 19:28:21 GMT",
  "2": "content-type: text/html",
  "3": "location: https://www.nst.com.my/",
  "4": "server: cloudflare",
  "5": "via: 1.1 google",
  "6": "alt-svc: h3=\":443\"; ma=86400",
  "7": "cf-cache-status: DYNAMIC",
  "8": "strict-transport-security: max-age=31536000; includeSubDomains",
  "9": "x-content-type-options: nosniff",
  "10": "set-cookie: __cf_bm=eyUAsfi_Kn8t0D.VhRuCXm9GKNXd23F45vmwSayLR4-1783106901.494945-1.0.1.1-9pAxsumarfI8vZB5e0DKDtG5dD8Rks7jnNGJHzWb9pPHILJGn6HA3qtVA18qUbyLb0D2oaDh0PHspgYaKe8HWGUf72rYwahYpNcZJgr_Lr6iQ88s66XBUMyC2YLbrUCU; HttpOnly; Secure; Path=/; Domain=nst.com.my; Expires=Fri, 03 Jul 2026 19:58:21 GMT",
  "11": "referrer-policy: strict-origin-when-cross-origin",
  "12": "x-frame-options: allow-from http://digital.nstp.com.my/",
  "13": "cf-ray: a1584af65f0cc613-SIN",
  "15": "HTTP/2 200",
  "16": "date: Fri, 03 Jul 2026 19:28:21 GMT",
  "17": "content-type: text/html; charset=UTF-8",
  "18": "server: cloudflare",
  "19": "cache-control: public, max-age=30",
  "20": "alt-svc: h3=\":443\"; ma=86400",
  "21": "x-frame-options: allow-from http://digital.nstp.com.my/",
  "22": "x-xss-protection: 1; mode=block",
}
```

```

"23": "x-content-type-options: nosniff",
"24": "strict-transport-security: max-age=31536000; includeSubDomains",
"25": "referrer-policy: strict-origin-when-cross-origin",
"26": "via: 1.1 google",
"27": "vary: accept-encoding",
"28": "age: 11",
"29": "last-modified: Fri, 03 Jul 2026 19:28:17 GMT",
"30": "expires: Fri, 03 Jul 2026 19:28:51 GMT",
"31": "cf-cache-status: HIT",
"32": "set-cookie: __cf_bm=bw55KF3JmzlqQC4xN0EB.GVKS2DQDVTTPVWZCYeDKeI-1783106901.6119373-1.0.1.1-spFCpchSz2mlp296.rIXNy4xQcp5NFpVUfLHBQDJAe9U2QxBh.SnP57EM1om9_h1fDDL.P1JaDyTMEGW9I8WLS.VP99fvVG0KaB76VDSodkqU1gHSTGBchrLxrzGy.; HttpOnly; Secure; Path=/; Domain=nst.com.my; Expires=Fri, 03 Jul 2026 19:58:21 GMT",
"33": "cf-ray: a1584af71dd61a53-KUL"
    }
    
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.009492 0.023917
TCP Connect IPv6 → port 80	301 0.008028 0.026563
TCP Connect IPv4 → port 443	301 0.007868 0.036264
TCP Connect IPv6 → port 443	301 0.008170 0.056289

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
    
```