


IPv6 Readiness Report

nst.com.my — nst.com.my

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

Audit trail: <https://ipv6.my6.my/audit/9e489692-2c75-473c-ba1b-f826c986001f>

 Partially Compliant <small>MGv6C-1.0</small>	82% Partial Support	IPv6-ONLY READINESS Website: ✓ Ready DNS: ✓ Ready Email: ✗ Not Ready
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IPv6 ADDRESSES

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

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::6812:51c, 2606:4700::6812:41c	
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 — 136ms 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 May 21 06:47:54 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%) 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 — 71ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 60ms TTFB.

Audit Trail & Evidence Record

Verification ID	9e489692-2c75-473c-ba1b-f826c986001f
Domain	nst.com.my
Check Mode	Manual
Status	Completed
Started	07 Mar 2026, 01:17:09 MYT
Finished	07 Mar 2026, 01:18:30 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/9e489692-2c75-473c-ba1b-f826c986001f

Integrity Verification

<p>✓ INTEGRITY VERIFIED</p>	
Algorithm	hmac-sha256-v1
Root Hash	8f2ffb152ff043cf45c7d7e0fdb2ae0ef42827230cb68a8755ad8f9787c2a03b
http_headers	6c7d34fb56e1663b53cbfe38d084619221229276d626d75f416d62cf3374e6ea
dns_responses	0796514e659cd899bb8001982df7c40097638259ded9d0a09d10644e1f655e04
tls_handshake	99c0d5d5bc9e604b81ab34cc2315bcf9773272f38fe169e3eece6d01a56343f4
connectivity_log	6c4078257bd061f7be59577d338eacd9e63405e9ac8f2e6247e5175c7d9e2b61
dns_resolution_times	2594bfbfba344dc7ce96a6c8f5a72dcea7192e8f1dadd74d498a2e50b305dd76

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	30.08	31.55	9.17	33.05	-20.9
Google	IPv4	39.5	49.97	32.64	33.13	-6.9
Google	IPv6	27.42	32.81	41.5	41.57	+14.1
Cloudflare	IPv4	34.5	36.15	25.96	29.43	-8.5
Cloudflare	IPv6	22.78	32.46	35.25	37.16	+12.5

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 3149
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
nst.com.my. 001850IN0A035.241.55.113
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 54417
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
com.my. 0004410IN0S0A0b.nic.my. hostmaster.nic.my. 2026018479 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 65176
;; flags: qr rd ra; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
nst.com.my. 003000IN0MX05 alt1.aspmx.l.google.com.
nst.com.my. 003000IN0MX010 alt3.aspmx.l.google.com.
nst.com.my. 003000IN0MX01 aspmx.l.google.com.
nst.com.my. 003000IN0MX010 alt4.aspmx.l.google.com.
nst.com.my. 003000IN0MX05 alt2.aspmx.l.google.com.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 1612
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
nst.com.my. 00216000IN0NS0ns-cloud-b1.googledomains.com.
nst.com.my. 00216000IN0NS0ns-cloud-b4.googledomains.com.
nst.com.my. 00216000IN0NS0ns-cloud-b2.googledomains.com.
nst.com.my. 00216000IN0NS0ns-cloud-b3.googledomains.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 61868
;; flags: qr rd ra; QUERY: 1, ANSWER: 13, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; ANSWER SECTION:
nst.com.my. 003000IN0TXT0"google-site-verification=rrVgysoXtkfbzfvhG8M-XymWavKPSxK57lqR4S5FfsE"
nst.com.my. 003000IN0TXT0"google-site-verification=hzu9AeK9c_Ku0U6jF5Cl9DrleWILFtsmc4M4osZKfx4"
nst.com.my. 003000IN0TXT0"ppe-626f2fe8a3e72a51179e346cf7eba5ddb19cf58f"
nst.com.my. 003000IN0TXT0"v=spf1 include:_spf.google.com include:sendgrid.net ~all"
nst.com.my. 003000IN0TXT0"google-site-verification=CEisLAT40S7QVUY_i3PWxAhlmjmb65QRh76b51q18z0"
nst.com.my. 003000IN0TXT0"MS=ms11155859"
nst.com.my. 003000IN0TXT0"google-site-verification=2nqvL8T_WK1FIxBryPQq9dusp4Lx93gT6t-s8F0wX0s"
nst.com.my. 003000IN0TXT0"google-site-verification=qd149hYT582uWaHh-10qoovxMYCqyBH0BwpE1jNIyzk"
nst.com.my. 003000IN0TXT0"google-site-verification=24dZsqRAYS-Y3uE4uho0JEC0NBuFRxX6AVbDEG_0Zeg"
nst.com.my. 003000IN0TXT0"google-site-verification=eG4kmzLimVvC6jVDRPKI7YN5gzFH0UccgR4DPH01m8w"
nst.com.my. 003000IN0TXT0"mMFLT4KwGfxneqLmxBveQ4rt5MIFD3cDiDz7LmyafDLrW72kiNj4Fr5rLo4L40xVKW0r6Tf9jHiZKyn2uGWYg=="
nst.com.my. 003000IN0TXT0"google-site-verification=RQ8Xl0aLBw5UN0w1rPwMwq2o6C-5antniiGm_uL5BPc"
nst.com.my. 003000IN0TXT0"dailymotion-domain-verification=dm917h2s8qj3gmyec"
```

AAAA

```
;; Got answer:
```

```
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 59095
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
nst.com.my. 2 1600 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: 22216
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 512
;; AUTHORITY SECTION:
nst.com.my. 2 1600 3600 259200 300
```

DNSSEC_VALIDATION

```
; unsigned answer
nst.com.my. 2 1600 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: Mar 1 02:58:34 2026 GMT; NotAfter: May 30 03:52:27 2026 GMT
-----BEGIN CERTIFICATE-----
MIIFHzCCBAegAwIBAgIQeU45x4c4qPsJkvmKye0d1zANBgkqhkiG9w0BAQsFADA7
MQswCQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZpY2VzMQww
CgYDVQQDEwNXUjMwHhcNMjYwMzAxMDI1ODM0WWhcNMjYwNTMwMDM1MjI3WjAVMRMw
EQYDVQ0DEwpu3QuY29tLm15MIIBIjANBgkqhkiG9w0BAQFAAQACAAQAMIBGKGC
AQEAsfnSgo0iDYAZukpFsXzqAeyMfWA7x4zTDz9Tf04YdUHT2EL0pTI8C9929sn
uMnCAJGEqgU8BFFJ00erBwZ2t3BRAN58BvU30dAUD0mmKsBleAyQY6mFLCL40y
iCsC95rgieX7nK1e0V28vHZAWfLTxNoQU/B+M0U2hTtiBWZuIpmNQfSZ0RodG3UE
QTHNRa7mvCX1NvuHAFJ3e03aV3fjG3xHtLTR8owIA14lyJ1BVy68ep21qJjREe6t
hZLjsGuq9VGepEQHPn4+sRviw7XV3bLaQ550oqRGWwMLKvJbjJ0mkofMbuEgm0Sk
N64k1MawXy/SQw6oG3L+vLZzyQIDAQAB04ICQzCCAj8dGgYDVR0PAAQH/BAQDAgWg
MBMGA1UdJQMMAAoGCCsGAQUFBwMBMAwGA1UdEwEB/wQCAAAwHQYDVR00BBYEFFDg
ysk8n2X00Qtzy2ye6UFV0x0MB8GA1UdIwIwYMBaAFMeB9f20iNKAPE1j0LaxJKD0
I/4jMF4GCCsGAQUFBwEBBFiWUDAnBggrBgEFBQcwAYYbaHR0cDovL28ucGtplmdv
b2cvcy93cjMvZVU0MCUGCCsGAQUFBzACHhLodHRW0i8va55wa2kuZ29vZy93cjMu
Y3J0BUBGA1UdEQ0MAyCm5zdC5jb20ubXkwEwYDVR0gBAwwCjAIBGZngQwBAgEw
NgYDVR0fBChwLTAroCmgJ4YLaHR0cDovL2MucGtplmdvb2cvd3IzL01iSkJNRm9R
LXNrlmNybDCCAQQGcisGAQB1nkCBAIEgfUEgfiA8AB3ANFuqaVoB35mNaA/N6Xd
vA0LPEESFNSIGXPmMbjy5UEAAABnKeMS24AAQDAEgWRgIhAlKhEgQnlqSoqTHC
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i1oxFFkF2jBSikLNB3LvgmLWhljQojTAZs8+8RoIoLNLsAxF8bRuLtw+RSQUgEwY
5hzZYckjRHdmjfh8oZyAp5t0uA==
-----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-----
MIIFCzCCAV0gAwIBAgIQfAFqRVo1jq8IoYWhKpLWjANBgkqhkiG9w0BAQsFADBH
MQswCQYDVQQGEwJVUzEiMCAgA1UEChMZR29vZ2x1IFRydXN0IFNlcnZpY2VzIExM
QzEUMBIGA1UEAxMLR1RTIFJvb3QgUjEwHhcNMjYwMzAxMDI1ODM0WWhcNMjYwNTMw
MDM1MjI3WjAVMRMwEQYDVQ0DEwpu3QuY29tLm15MIIBIjANBgkqhkiG9w0BAQFAAQAC
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AQEAsfnSgo0iDYAZukpFsXzqAeyMfWA7x4zTDz9Tf04YdUHT2EL0pTI8C9929sn
uMnCAJGEqgU8BFFJ00erBwZ2t3BRAN58BvU30dAUD0mmKsBleAyQY6mFLCL40y
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QTHNRa7mvCX1NvuHAFJ3e03aV3fjG3xHtLTR8owIA14lyJ1BVy68ep21qJjREe6t
hZLjsGuq9VGepEQHPn4+sRviw7XV3bLaQ550oqRGWwMLKvJbjJ0mkofMbuEgm0Sk
N64k1MawXy/SQw6oG3L+vLZzyQIDAQAB04ICQzCCAj8dGgYDVR0PAAQH/BAQDAgWg
MBMGA1UdJQMMAAoGCCsGAQUFBwMBBgggrBgEFBQcDAjASBgnVHRMBAf8ECDAGAQH/
AgEAMB0GA1UdDgQwBBThgF9j0jZADxNY6JQMSGzj+IzAFBgNVHSMGDAwGwBTK
rysmcRorSceFL1JmL0/w1RNxpJA0BggrBgEFBQcBAQQ0MCYwJAYIKwYBBQUHMAKG
Gh0dHA6Ly9pLnBra55nb29l3IxlLmNydDARBgNVHR8EJDAiMCCGhQACHpodHRW
0i8vYy5wa2kuZ29vZy9yL3IxlLmNybDATBgNVHSAEEDDAAKMAgGBmeBDAECAATANBgkq
hkiG9w0BAQsFAAOCAGeAnI1DLJQzSKwbyXXrJ5SgKM06K674TMqhsuTg67a0FX0
2752+eiJb5yS0Jc8D0VHalwlp0vbuPdl5BuAEgIK4Va7l9j3J9M1/EjEwjGTM3Ros
zmB3Gu82oz6EWi5q75xeF+onJmh2Hm98a/yJA1/m0DX5LoFyc09AfffKp9ZMzu+Y
wM+/qHqyX2Jha0ntvL7i85+L1Y8CcKEqM1NFk4s4EBYPRFjZDaw0HX7f5chbSMVP
n5Nu04LrU6xufuZqRosEQw2o0UayzDoyA52NXzJTWr1G2FVg/0A9hdRQ/6fe9G31
67zKXnQXers6MpHttEouGbpM2ftzrmcruYxTfxc4G2GwBi3LFLozNpy042gdFXB
zDyN1staWsy7+QnzMLR59Fz6jB0k5R4LT+ma0+KjnfRmH5T2ucm69HkvnQZTLV
a1tLU1zs0zLEdQSehTCjZ65YsGt2bMVK6dvtxzcyCP00DUFnNXcwgw12+mGSKAuj
```

```

40Ri8kMRpnL8UEjkNbdw9KL1eYbEC3D0GPue2Yk2AGhxkcmcm1Bo0p05kYw/Nnqg
h7QV8KYBTUHbjH0pXLL10sSOY+C1h1eTM+Do6rSjgGnDQeUXyLzMPcMuevaw38I
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-----
MIFYjCCBEqgAwIBAgIQd70NbNs2+RrQIQ/E8FjTDTANBgkqhkiG9w0BAQsFADBX
MQswCQYDVQQGEwJCRTEZMBCGA1UEChMQR2xvYmFsU2lnbiBudilzYTEQMA4GA1UE
CxMhUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnbiBSb290IENBMB4XDTEwMDYx
OTAwMDA0M1oXDTI4MDEyODAwMDA0M1owRzELMAkGA1UEBhMCMVVMxIjAgBgNVBAoT
Gudvb2dsZS5BUcnVzdCBTZjJ2aWNLcyBMTEMxZDASBgNVBAMTC0UuYyBSb290IFIx
MIIICjANBgkqhkiG9w0BAQEFAAOCAg8AMIICCgKCAgEAThEciX7j0Xeb09y/LD63
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iV6nqLKr+CMny6SxnGPb15L+8Ape62im9MZAarwINEDPjTrEto8gYbEvs/AmQ351k
KSUjB6G00j0uYODP0gmHu81I8E3CwnqIiru6z1kZ1q+PsAewnJHxgsHA3y6mbWwZ
DrXYfiYaRQM9sHmkLCitD38m5agI/pboPGiUU+6D0ogrFZYJsuB6jC511pzrpr1Zk
j5ZPaK4918KEj8C8QMALXL32h7M1bKwYUH+E4EzNktMg6T08UpmvMrUpsyUqtEj5
cuHKZPFmghCN6J3Cioj60GaK/GP5Afl4/Xtcd/p2h/rs37E0eZVXtL0m79YB0esW
CruQC7XFxYpVq90s6pFLKcwZpDILLrXZUTQAs6qzkM06p98g7BAe+dDq6ds0499
iYH6TKX/1Y7DzkgvtidzjKXpdsDtQCv9Uw+wp9U7DbGkogPeMa3M+pvez7W35Ei
Eua++tgy/BBjFFfy3L3WfP09KwGz7zpm7AeKJt8T11dLeCfeXkkuAKIAf5qoIbap
sZwWpbkNFhHax2xIPEdGfg1azVY80ZcFuctL7TLnMQ/0LUTbiSw1nH69MG6z00b
9f6BQdgAmD06yK56mDcYBZUCAwEAACATgwgwE0MA4GA1UdDwEB/wQEAwIBhJAP
BgNVHRMBAf8EBTADAQH/MB0GA1UdDgQWBTKrysmcRorSCeFL1JmL0/wiRNxPjAFA
BgNVHSMEGDAWgBRge2YaRQ2XyoLQL30EzT5o//z9SgBgbggrBgEFBQcBAQRUMFIw

```

IPv6 Connection

IP Used	2606:4700::6812:51c
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: Feb 20 05:47:56 2026 GMT; NotAfter: May 21 06:47:54 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDoDCA0egAwIBAgIQa/1meIQZbd0N2MVRDK9MgTAKBggqhkiG9w0BAQsFADBX
CQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZpY2VzMQwwCgYD
VQDEwNXRTEwHhcnMjYwMjIwMDU0NzU2wHcnMjYwNTIxMDY0NzU0WjAVMRMwEQYD
VQDEwEwpc3QuY29tLm15MFkwEYyHkoZiZj0CAQYIKoZIzj0DAQcDQgAETo6knudt
hPyp21PLYqoWhProFjJZrF6hX0G5hrwfmvmRkz2QLrr65prQtV0oXsdMdJh3FxB
1Rh+zWtakznQa0CA1EwggJNMA4GA1UdDwEB/wQEAwIHgDATBGNVHVSUEDDAKBggr
BgEFBQcDATAMBgNVHRMBAf8EAjAAMB0GA1UdDgQWBTh8xQdExvb94F9C0np1yJ7
e0wi1zAfBgNVHSMEGDAWgBSQd5I1Z8T/qMyp5nvZghL7zJP50DBeggrBgEFBQcB
AQRSMFAwJwYIKwYBBQUHMAAGG2h0dHA6Ly9vLnBraS5nb29nL3Mvd2UxL2FMDAL
BggrBgEFBQcCwAoYzAhR0cDovL2kucGtpLmdvb2cvd2UxLmNydDAjBgNVHREEHDAa
ggpuc3QuY29tLm15ggwqLm5zdC5jb20ubXkwEwYDVR0gBAwwCjAIBgZnqWbAgEw
NgYDVR0fBFC8wLTAroCmgJ4YLaHR0cDovL2MucGtpLmdvb2cvd2UxL2RwY1pjZ1V0
UGJFLmNyBCCAQQGcisGAQQ01nkCBAIEgfUEgfIA8AB2ANFuqaVoB35mNaA/N6Xd
vA0LPEESFNISIGPXPmBmjy5UEAAABnHn0H6IAAAQDAEcwRQIgj5WpMvMtMStkJ9P
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AIB9Hwr3hL5svMiQhUbZTf0fVmjAn+0PG0zDSGBs08zHQIgtE5l0eboPF3DKrvk
CU3/pb5W0Anz1PTHuhQbukurIEc4=
-----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/MZd5csIkp2FV0TttaF4zAKBggqhkiG9w0BAQsFADBX
CQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZpY2VzIExMQzEUE
MBIGAIUEAxMLR1RTIFJvb3QgUjQwHhcnMjYwMjIwMDU0NzU2wHcnMjYwNTIxMDY0Nz
MDAwWjA7MQswCQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZp
Y2VzMQwwCgYDVQQDEwNXRTEwTATBgqhkiG9w0BAQsFADBXBggrBgEFBQcBAQRUMFIw

```

```

Z1dHTCEDhUDCR127WecPQMFcF4XGGTfn1XzthkubgdnXGh0LCgP4mMTG6J7/EFmP
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BgEFBQcDAQYIKwYBBQUHAwIwEgYDVR0TAQH/BAGwBgEB/wIBADAdBgNVHQ4EFgQU
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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
M0sCQYDVQQGEwJCRTEZMBCGA1UEChM0R2xvYmFsU2lnb1BudilzYTEQMA4GA1UE
CxMHUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnb1BSb290IENBMB4XDTEzMTEx
NTAzMDMyMVoXDTE4MDEyODAwMDA0M1owRzELMAkGA1UEBhMCMVVMxIjAgBgNVBAoT
GUdub2dsZSBSUcnVzdCBTZXJ2aWNLcyBMTExFMDASBgNVBAMTC0UUYyB5b290IFl0
MHYwEAYHKoZIzj0CAQYFK4EEACIDYgAE83Rzp2iLYK5DuDXFgTB7S0md+8Fhzube
Rr1r1WEYNa5A3XP3iZEwLus87oV8okB206nGuEfyKueSkWpz6bFy0Z8pn6KY019e
WIZLD6GEZQbR3IvJx3PIjGov5cSr0R2Ko4H/MIH8MA4GA1UdDwEB/wQEAwIBhjAd
BgNVHSUEFjAUBgggBgEFBQcDAQYIKwYBBQUHAwIwDwYDVR0TAQH/BAUwAwEB/zAd
BgNVHQ4EFgQUgEzW63T/STaj1dj8tT7FavCUHYwWNAyIKwYBBQUHAQEEDAmMCGCCs
GAQUFBzAChhhodHRwOi8vaS5wa2kuZ29vZy9yNC5jcnQwKwYDVR0fBCQwIjAgoB6G
HIYaHR0cDovL2MucGtpLmdvb2cvci9yNC5jcmwEwYDVR0gBAwwCjAIBgZngQwBAGw
EwCgYIKoZIzj0EAwMDaAAwZQIXA0cCq1HW900VznX+0RGU1cxAQXomvtgMBzITpZCu
F08jSBJJz5keR0v9aYsAm5VsQIUwJonMaAFi54mrfhf0FNZEfuNMSQ6/bIBiNLiyoX46
FohQvKeIoJ99cx7sUkFN7uJW
-----END CERTIFICATE-----
---
Server certificate
subject=CN = nst.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 2820 bytes and written 392 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

```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	104.18.4.28
Connect Time	3.13 ms
TTFB	41.13 ms
Total Time	41.17 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Server: nginx/1.24.0 (Ubuntu)",
  "2": "Date: Fri, 06 Mar 2026 09:18:30 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, 06 Mar 2026 09:18:30 GMT",
  "10": "content-type: text/html; charset=UTF-8",
  "11": "cf-ray: 9d804601ccc3e41e-KUL",
  "12": "cf-cache-status: HIT",
  "13": "age: 4",
  "14": "cache-control: public, max-age=30",
  "15": "expires: Fri, 06 Mar 2026 09:19:00 GMT",
  "16": "last-modified: Fri, 06 Mar 2026 09:17:33 GMT",
  "17": "server: cloudflare",
  "18": "strict-transport-security: max-age=1000",
  "19": "vary: accept-encoding",
  "20": "via: 1.1 google",
  "21": "referrer-policy: strict-origin-when-cross-origin",
  "22": "x-content-type-options: nosniff",
  "23": "x-frame-options: allow-from http://digital.nst.com.my/",
  "24": "alt-svc: h3=\":443\"; ma=86400",
  "25": "x-xss-protection: 1; mode=block",
  "26": "set-cookie: __cf_bm=a5BxI3iV2q1LSD10HAmDtf.5YeN7aXaKUXh9iCK8oXY-1772788710.6818054-1.0.1.1-xoF7QxgGzdNnxrkra.56qdSz.w0oj4_7w7YX0LkMqEAY7aqv9zqkuzcwot6LYTkefWA1w3L_ko.04M0nAXRJ0Z6y.FIWG_5h1wzisHv_EYImaoVntXAVZB8AG4jUSGzy; HttpOnly; Secure; Path=/; Domain=nst.com.my; Expires=Fri, 06 Mar 2026 09:48:30 GMT"
}
```

IPv6 HTTP (port 80)

HTTP Status	301
Connected IP	2606:4700::6812:51c
Connect Time	9.56 ms
TTFB	37.51 ms
Total Time	38.62 ms
Error	Could not resolve host: nst.com.my

Response Headers:

```
[
  "HTTP/1.1 301 Moved Permanently",
  "Date: Fri, 06 Mar 2026 09:18:30 GMT",
  "Content-Type: text/html",
  "Content-Length: 167",
  "Connection: keep-alive",
  "Cache-Control: max-age=3600",
  "Expires: Fri, 06 Mar 2026 10:18:30 GMT",
  "Location: https://nst.com.my/",
  "Set-Cookie: __cf_bm=e0huP7ynkvItWEzP8Mqs.XJUXY.mx1A1uKlrbHHXW4M-1772788710-1.0.1.1-8033CW3yB9ZDADT409zKs0yZ4R6ps38CWhNdjQl5z0oBa_Hj.77U0QTETydzIu9wL3HHlws0vMWGkCXZDP9fFLULK7Z88Z3gmGPHaKYh6sw; path=/; expires=Fri, 06-Mar-26 09:48:30 GMT; domain=.nst.com.my; HttpOnly",
  "Referrer-Policy: strict-origin-when-cross-origin",
  "X-Content-Type-Options: nosniff",
  "X-Frame-Options: allow-from http://digital.nstp.com.my/",
  "Server: cloudflare",
  "CF-RAY: 9d8046006a9afdf2-SIN",
  "alt-svc: h3=\":443\"; ma=86400"
]
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	104.18.4.28
Connect Time	2.87 ms
TTFB	39.25 ms
Total Time	39.29 ms

Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "server: nginx/1.24.0 (Ubuntu)",
  "2": "date: Fri, 06 Mar 2026 09:18:30 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,h3-29=\":443\"; ma=2592000",
  "9": "HTTP/2 200",
  "10": "date: Fri, 06 Mar 2026 09:18:30 GMT",
  "11": "content-type: text/html; charset=UTF-8",
  "12": "cf-ray: 9d80460248690a32-KUL",
  "13": "cf-cache-status: HIT",
  "14": "age: 4",
  "15": "cache-control: public, max-age=30",
  "16": "expires: Fri, 06 Mar 2026 09:19:00 GMT",
  "17": "last-modified: Fri, 06 Mar 2026 09:17:33 GMT",
  "18": "server: cloudflare",
  "19": "strict-transport-security: max-age=1000",
  "20": "vary: accept-encoding",
  "21": "via: 1.1 google",
  "22": "referrer-policy: strict-origin-when-cross-origin",
  "23": "x-content-type-options: nosniff",
  "24": "x-frame-options: allow-from http://digital.nstp.com.my/",
  "25": "alt-svc: h3=\":443\"; ma=86400",
  "26": "x-xss-protection: 1; mode=block",
  "27": "set-cookie: __cf_bm=VuBruMgjjvVriS0TdnulBD4UjLI7rzI_PskjX550ePM-1772788710.76617-1.0.1.1-oMqls_kL_Q_b8PDGSHSeGxWZfpUum2BK6oqPbcnwGXd5pabpuLbUR_f9RPlj0tjIwAh5oT1k0KxftYKcF6B15aYRoCKASlcZCLA0fJKHGJomYgYHyKGarFwthiBzFR; HttpOnly; Secure; Path=/; Domain=nst.com.my; Expires=Fri, 06 Mar 2026 09:48:30 GMT"
}
```

IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2606:4700::6812:51c
Connect Time	1.91 ms
TTFB	41.75 ms
Total Time	41.8 ms

Response Headers:

```
{
```

```

"0": "HTTP/2 301",
"1": "date: Fri, 06 Mar 2026 09:18:30 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": "x-content-type-options: nosniff",
"9": "set-cookie: __cf_bm=GXFInMuF9YiRS.EsUEmWTAniavBb7pFK0gjmquCEBo-1772788710.578354-1.0.1.1-
LD5Cx2Dv2s4DkUU2E3Bkmd4XB8YbsS6vV2FPr32x0XNqSrgj.QzriSLaA.ib0HODG_NtdLmx.W3Zw4YJEBmJ5mY2ISHXRK5LKH0NR2RNqmIV4hgoXUYtiZkWX9EG0Gfo; HttpOnly; Secure; Path=/;
Domain=nst.com.my; Expires=Fri, 06 Mar 2026 09:48:30 GMT",
"10": "referrer-policy: strict-origin-when-cross-origin",
"11": "x-frame-options: allow-from http://digital.nstp.com.my/",
"12": "cf-ray: 9d8046011bed164f-KUL",
"14": "HTTP/2 200",
"15": "date: Fri, 06 Mar 2026 09:18:30 GMT",
"16": "content-type: text/html; charset=UTF-8",
"17": "cf-ray: 9d8046013c2f2e0e-KUL",
"18": "cf-cache-status: HIT",
"19": "age: 4",
"20": "cache-control: public, max-age=30",
"21": "expires: Fri, 06 Mar 2026 09:19:00 GMT",
"22": "last-modified: Fri, 06 Mar 2026 09:17:33 GMT",
"23": "server: cloudflare",
"24": "strict-transport-security: max-age=1000",
"25": "vary: accept-encoding",
"26": "via: 1.1 google",
"27": "referrer-policy: strict-origin-when-cross-origin",
"28": "x-content-type-options: nosniff",
"29": "x-frame-options: allow-from http://digital.nstp.com.my/",
"30": "alt-svc: h3=\":443\"; ma=86400",
"31": "x-xss-protection: 1; mode=block",
"32": "set-cookie: __cf_bm=3DBLV7p36ab79MALYCr7ERX5DPuPBho2oPE9eN4mYro-1772788710.6000347-1.0.1.1-
wSX0HTwVow_ItJod_7T_aWXYbjP84HXTjJ3lFEbwLmsJb2JZMBS8zxAbn0dbMxjm7xSAZzafVJeNdFtf7U0Rqhj7_agIQakItGVgPYJqzngMxM8FQxfgrs3c8CGIx4JC; HttpOnly; Secure; Path=/;
Domain=nst.com.my; Expires=Fri, 06 Mar 2026 09:48:30 GMT"
}
    
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.002393 0.016998
TCP Connect IPv6 → port 80	301 0.001914 0.007865
TCP Connect IPv4 → port 443	301 0.001232 0.037962
TCP Connect IPv6 → port 443	301 0.000793 0.038740

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