

IPv6 Readiness Report

nst.com.my — nst.com.my




Scan to verify

Category: News Portal • Generated: 13 Jun 2026, 19:07 MYT • Last Checked: 13 Jun 2026, 01:07 MYT • Verification ID: 76b8b378-406d-4b6f-bd1f-2641c16b282e

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

Audit trail: <https://ipv6.my6.my/audit/76b8b378-406d-4b6f-bd1f-2641c16b282e>

 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::6812:41c
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 — 323ms 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 Jul 19 07:00:22 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 — 49ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 55ms TTFB.

Audit Trail & Evidence Record

Verification ID	76b8b378-406d-4b6f-bd1f-2641c16b282e
Domain	nst.com.my
Check Mode	Scheduled
Status	Completed
Started	13 Jun 2026, 01:06:10 MYT
Finished	13 Jun 2026, 01:07:09 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/76b8b378-406d-4b6f-bd1f-2641c16b282e

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	c1abb2c24ca875252ab499cde5473026d6fe07320a050fe6911f3a468f74bfa8
http_headers	f935ce117d80dd470a68cc0c2bac048e642670e6ab882ad51fccb97e8a2325f5
dns_responses	b71e86b5faa4f53cd5330ed1b4a2a528e362e14e4cd05662c7337d5aa8ee4670
tls_handshake	e3fc722ba09bd8c15bb37828040089082cad6fb5802c8e5c455f4b91e0bfd4c
connectivity_log	d35981a526bcd268da59cb56bd486f4026733c345978e6753bfb23739a9d90ca
dns_resolution_times	08d42d32ced2b583ea47c7af5760d6e0bb437e655519c6dafcb1fe78c1cef531

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	8.3.31
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	19.59	19.74	7.03	8.05	-12.6
Google	IPv4	32.5	32.96	30.94	31.38	-1.6
Google	IPv6	21.73	34.08	20.36	71.11	-1.4
Cloudflare	IPv4	14.35	26.19	27.4	36.12	+13.1
Cloudflare	IPv6	27.48	36.86	11.82	21.77	-15.7

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 2644
;; 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: 10155
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.my. 3301 IN SOA e.nic.my. hostmaster.nic.my. 2026046677 1800 900 604800 3600
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 24434
;; 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 10 alt3.aspmx.l.google.com.
nst.com.my. 300 IN MX 11 aspmx.l.google.com.
nst.com.my. 300 IN MX 5 alt1.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: 28448
;; 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-b1.googledomains.com.
nst.com.my. 21600 IN NS ns-cloud-b3.googledomains.com.
nst.com.my. 21600 IN NS ns-cloud-b4.googledomains.com.
nst.com.my. 21600 IN NS ns-cloud-b2.googledomains.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 62426
;; 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 "v=spf1 include:_spf.google.com include:sendgrid.net ~all"
nst.com.my. 300 IN TXT "google-site-verification=Ceis1AT40S7QVUY_i3PwXAhlmjmB65QRh76b51q18z0"
nst.com.my. 300 IN TXT "knowbe4-site-verification=85754b622d39b55681a28a12ea584aff"
nst.com.my. 300 IN TXT "google-site-verification=eG4kmzLmVvC6jVDRPKI7YN5gzFh0UccgR4DPH01m8w"
nst.com.my. 300 IN TXT "mMFLt4KwGfxneqLmxBveQ4rt5MIfD3cDiDz7LmyafDlrW72kiNj4Fr5rLo4L40xVKVW0r6Tf9jHiZKyn2uGwYg=="
nst.com.my. 300 IN TXT "google-site-verification=24dZsqRAYS-Y3uE4uho0JEC0NBuFRx6AVbDEG_OZeg"
nst.com.my. 300 IN TXT "MS=ms11155859"
nst.com.my. 300 IN TXT "google-site-verification=RQ8XLoaLBw5UN0w1rPmWmq2o6C-5antniGm_uL5BPc"
nst.com.my. 300 IN TXT "google-site-verification=rrVGysoXtkfbzfvhG8M-XymWavKP5xK57lqR4S5FfsE"
nst.com.my. 300 IN TXT "google-site-verification=hzu9AeK9c_Ku0U6jF5CL9DrleWILFtsmc4M4osZKfx4"
nst.com.my. 300 IN TXT "google-site-verification=qd149hYTS82uWaHh-10qoovxMYCqyBH0BwpE1jNIyzk"
nst.com.my. 300 IN TXT "dailymotion-domain-verification=dm917h2s8qj3gmyec"
nst.com.my. 300 IN TXT "google-site-verification=2nqvL8T_WK1FIxBryPQq9dusp4Lx93gT6t-s8F0wX0s"
nst.com.my. 300 IN TXT "ppe-626f2fe8a3e72a51179e346cf7eba5ddb19cf58f"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 28502
;; 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. 21600 IN NS ns-cloud-b1.google.com. 21600 3600 259200 300
```

RRSIG

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

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 52947
;; 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. 21600 IN DNSKEY ns-cloud-b1.google.com. 21600 3600 259200 300
```

DNSSEC_VALIDATION

```
; unsigned answer
nst.com.my. 21544 IN DNSKEY ns-cloud-b1.google.com. 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: Apr 22 20:16:22 2026 GMT; NotAfter: Jul 21 21:10:36 2026 GMT
-----BEGIN CERTIFICATE-----
MIIFiJCCBAqgAwIBAgIRAIIn6H86bJW4hCX+ai2LGuPswDQYJKoZIhvcNAQELBQAw
OzELMAkGA1UEBhMCVmxHjAcBgNVBAoTFUdvdzdsZSBUcnVzdCBTZXJ2aWNLczEM
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MBEGA1UEAxMKbnN0LmNvb55tECCASiWdQYJKoZIhvcNAQEBBQADggEPADCCAQoC
ggEBAKI/NS08Wfw6lBzV9rrH8a2c76P+3EDdmeMp8sF8x8RNqp1UBbvh2GbaFgEX
I28rCInBbPrOzjyL4wFLaEoregBcIpglW0IjW0677zchv4vgAS0bX+MY0tqtHa0s
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00jZ0sJtr4cpmY7YiUJeUitwKuL3tZ53XQNDnRkfiL6Q2zZ8jL/aF2KM6ZVZ0Dm
H5q0hVgBa00LS/bSSeE2j4fCIPDud3CR3GEYpYmAT+R0tATfXqscRdjx8ZwpGYmA
Vrqz0rHxRrp1tNbpwCwi99VW9ScCAwEAA0CAKUwggJBMA4GA1UdDwEB/wQEAwIF
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LmNmYdAVBgNVHREEDjAgMggpu3QuY29tLm15MBMGAA1UdIAQMMAowCAyG4ZEMAQIB
MDYGA1UdHwQvMC0wK6ApoCeGJWh0dHA6Ly9vLnBra5S5nb29nL3dyMy9MRC1TVFJH
cdDjV55jcmwggEGBgorBgEEAdZ5AgQCBHI3BIH0APIAdwDXbX000af1d8LH6V/X
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AAOCAQEAJQXBCVCOunQHOVkwzC0ls84siBiYNc+dQMGM7BEorSfigSj7igwJm3o
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rp4RMfvwPk8l31Jyv54aJu9eUXo1Yg==
-----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-----
MIIFCzCCAv0gAwIBAgIQf/AFqRv0ljq8IoYWhKpLwJANBgkqhkiG9w0BAQsFADBH
MQswCQYDVQQGEwJVUzEiMCAgA1UEChMZR29vZ2xzLlFRydXN0IFNlcnZpY2VzIExM
QzEUMBIgA1UEAxMLRTRIRTRIFjv3QgUjEwHhcNMjIwMTYyMjIwMTYyMl0xDTI2MDcy
MTIxMTAzNlowFTETMBEGA1UEAxMKbnN0LmNvb55tECCASiWdQYJKoZIhvcNAQEBBQ
ADggEPADCCAQoCggEBAKI/NS08Wfw6lBzV9rrH8a2c76P+3EDdmeMp8sF8x8RNqp1
UBbvh2GbaFgEXI28rCInBbPrOzjyL4wFLaEoregBcIpglW0IjW0677zchv4vgAS0b
X+MY0tqtHa0s00jZ0sJtr4cpmY7YiUJeUitwKuL3tZ53XQNDnRkfiL6Q2zZ8jL/aF2
KM6ZVZ0DmH5q0hVgBa00LS/bSSeE2j4fCIPDud3CR3GEYpYmAT+R0tATfXqscRdjx8
ZwpGYmAVrqz0rHxRrp1tNbpwCwi99VW9ScCAwEAA0CAKUwggJBMA4GA1UdDwEB/w
QEAwIFoDATBgNVHSUEDDAAKBgggrBgEFBQcDATAMBGNVHRMBAf8EAjAAMB0GA1Ud
DgQWBRRfnhWClcM+ex2EBRTgCGQd/GjarTAFBgNVHSMEGDAWgBTHgfX9joZADxNY6
JQMSGziP+IzBeBgggrBgEFBQcBAQRSMFAwJwIKwYBBQUHMAAGG2h0dHA6Ly9vLn
Bra5S5nb29nL3Mvd3IzL2lmbzAlBgggrBgEFBQcwoAYZaHR0cDovL2kucGtpLmdvb2
cvd3IzLmNmYdAVBgNVHREEDjAgMggpu3QuY29tLm15MBMGAA1UdIAQMMAowCAyG4
ZEMAQIBMDYGA1UdHwQvMC0wK6ApoCeGJWh0dHA6Ly9vLnBra5S5nb29nL3dyMy9M
RC1TVFJHcdDjV55jcmwggEGBgorBgEEAdZ5AgQCBHI3BIH0APIAdwDXbX000af1d8
LH6V/XAL/5gskzWmXh0LMBcxfAyMvPdWAAAZ23DR6cAAEAwBIMEYICQACASMEYIFu
/amW1h+hFi5XBa+biI07t2+3rRQ1j/n+3dgIhALVzBWFa08BIznj324/pZx3jzc0Hk
wnQkCLkhGAtyBWEAHCAR2eIO1ewTt2Pptl+9i6o64EKx3Fg8CRvDYML+eFHzoAAAG
dtw0fjAAABAMASDBGAiEAhXiznrgnafv75Cwmgr8lFV9bhURR8ftFPo1+IWB9PEC
IQUd6tWmWtY2T0U8xVdgGKxbn8bbnCuRf35unZpu1NF0jANBqkqhkiG9w0BAQsF
AAOCAQEAJQXBCVCOunQHOVkwzC0ls84siBiYNc+dQMGM7BEorSfigSj7igwJm3o
xrBlzCDB5zpnU/gPsPFJ2fDNI9Wm27rhWw3U1yEaAsXQb10n/5E2/UwBN0qtW70R
D+kZ8eeA3xM2dP0WJ/FcpcpIjSsK8dEHO++8naMJB/5yA6ArCKXTH84CMZw+x
PKBAM89LpGGISU09WQ185rRPyTlCW+2lH0+7h/dNpIG0y0IVKzj2pD4LFCf4u
eoCoK0HvPLCwt0jgMaPSm/8EvV+98Bz4pZm0G0zLQBDov7zFiNuoQCq9AkDDzaUP
rp4RMfvwPk8l31Jyv54aJu9eUXo1Yg==
-----END CERTIFICATE-----
```

```

40Ri8kMRpnL8UEjKnbDw9KL1eYbEC3D0GPue2Yk2AGhXkcmD1Bo0p05kYw/Nnqg
h7QV8KYBTUHbjH0pXLL10sSOY+C1h1eTM+Do6rSjgGnD0eUXyLzMPcMuevaw38I
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-----
MIFjYjCCBEqgAwIBAgIQd70NbnS2+RrQIQ/E8FjTDTANBqkqkIG9w0BAQsFADBX
MQswCQYDVQQGEwJCRTEZMBCGA1UEChMQR2xvYmFsU2lnbiBudilzYTEQMA4GA1UE
CxMhUm9vdCBDQTEbMBkGA1UEAxMSR2xvYmFsU2lnbiBSb290IENBMB4XDTEwMDYx
OTAwMDA0M1oXDTI4MDEyODAwMDA0M1owRzELMAkGA1UEBhMCMVVMXijAgBgNVBAoT
Gudvb2dsZSBUcnVzdCBTZjJ2aWNLcyBMTEMxZDASBgNVBAMTC0UUYyBSb290IFIX
MIIICjANBgkqhkiG9w0BAQEFAAOCAg8AMIICCCkCAgEAtHECix7j0Xeb09y/LD63
ladAPKH9gvL9MgaCcFb2jh/76Nu8ai6X160MS/kr9rH5zoQdsfnL97vufKj6bwS
iV6nqLKr+CMny6SxnGPb15l+8Ape62im9MZAraWlNEDEPjTrEto8gYbEvs/AmQ351k
KSUjB6G00j0uYODP0gmHu81I8E3CwnqIiru6z1kZ1q+PsAewnJHxgsHA3y6mbWwZ
DrXYfiYaRQM9sHmkLCitD38m5agI/pboPGiUU+6D0ogrFZYJsuB6jC51lpzrp1Zk
j5ZPaK4918KEj8C8QMALXL32h7M1bKwYUH+E4EzNktMg6T08UpmvMrUpsyUqtEj5
cuHKZPFmghCN6J3Cioj60GaK/GP5Afl4/Xtcd/p2h/rs37E0eZVXtL0m79YB0esW
CruQC7XFxYpVq90s6pFLKcwZpDILLrXZUTQAs6qzkM06p98g7BAe+dDq6ds0499
iYH6TKX/1Y7DzkgvtdizjKXpdsDtQcV9Uw+wp9U7DbGkogPeMa3M+pvez7W35Ei
Eua++tgy/BBjFFfy3L3WfP09KwGz7zpm7AeKJt8T11dLeCfeXkkuAKIAf5qoIbap
sZwWpbkNFhHax2xIPEdGfg1azVY80ZcFuctL7TLnMQ/0LUTbiSw1nH69MG6z00b
9f6B0dgAmD06yK56mDcYBZUCAwEAACATgwgE0MA4GA1UdDwEB/wQEAwIBhJAP
BgNVHRMBAf8EBTADAQH/MB0GA1UdDgQWBTKrYsmcRorSCeFL1JmL0/wiRNXpJAf
BgNVHSMEGDAWgBRge2YaRQ2XyoLQL30EzT5o//z9S2BgBggRbgEFBQcBAQRUMFIw

```

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: Apr 20 06:00:26 2026 GMT; NotAfter: Jul 19 07:00:22 2026 GMT
-----BEGIN CERTIFICATE-----
MIIDnzCCA0WgAwIBAgIQdKxwBDDkrAE0mTcESPSBETAKBggqhkiOPOQDAjA7M0sw
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VQ0EwNXRTEwHhcnMjYwNDIwMDYwMDI2WmcNMjYwNzE5MDcwMDIyYjAVMRRmEQYD
VQ0Ewepuc3QuY29tLm15MfKwEYHkoZiZj0CAQYIKoZiZj0DAQcDQgAEAmkt4Fgp
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SHAjCSn4wReY9KGa+vPLY0rf0hXSeKP80tILC7LPV3cCIQCS4Mmq/NfEcsNZIi2f
vG4qf18XTFCnvpfaX57EK7GtQ==
-----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/MZd5csIkp2FV0TttaF4zAKBggqhkiOPOQDAzBHM0sw
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MBIGAIUEAxMLR1RTIFJvb3QgUjQwHhcnMjYwNzE5MDcwMDIyYjAVMRRmEQYD
MDAwWjA7MQswCQYDVQQGEwJVUzEeMBwGA1UEChMVR29vZ2x1IFRydXN0IFNlcnZp
Y2VzMQwwCgYDVQQDEwNXRTEwTATBgqhkiOPOQIBBggqhkiOPOQMBwNCAARvzTr+

```

```

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BgEFBQcDAQYIKwYBBQUHAwIwEgYDVR0TAQH/BAgwBgEB/wIBADAdBgNVHQ4EFgQU
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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
M0sCQDVQGEwJCRTEZMbcGA1UEChM0R2xvYmFsU2lnb1BudilzYTEQMA4GA1UE
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GUdub2dsZSBSUcnVzdCBTZXJ2aWNLcyBMTExFMDASBgNVBAMTC0UUYyBsb290IFl0
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CgYIKoZIzj0EAwMDaAAwZQIXA0cCq1HW900VznX+0RGU1cxAQXomvtgMBzITpZCuF08j
SBJJz5keR0v9aYsAm5VsQIUwJonMaAFi54mrfhf0FNZEfUNMSQ6/bIBiNLiyoX46FohQv
KeIoJ99cx7sUkFN7uJW
-----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	13.12 ms
TTFB	54.45 ms
Total Time	54.53 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Server: nginx/1.24.0 (Ubuntu)",
  "2": "Date: Fri, 12 Jun 2026 17:07:09 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, 12 Jun 2026 17:07:09 GMT",
  "10": "content-type: text/html; charset=UTF-8",
  "11": "cf-ray: a0aa733e1e4a24d2-KUL",
  "12": "cf-cache-status: HIT",
  "13": "age: 17",
  "14": "cache-control: public, max-age=30",
  "15": "expires: Fri, 12 Jun 2026 17:07:39 GMT",
  "16": "last-modified: Fri, 12 Jun 2026 17:06:52 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.nstp.com.my/",
  "24": "alt-svc: h3=\":443\"; ma=86400",
  "25": "x-xss-protection: 1; mode=block",
  "26": "set-cookie: __cf_bm=8EFuD6nASuUPIJTIvKMZ.vlwxTKZDNIuH7pqIAVsb8-1781284029.1314535-1.0.1.1-HSIoLJ0mS0CXAZfmMLe64RmtXpkxixQdGmLj_r_2L.sRkAQra4Tu0_e6ncyAB3FenQohoDkmcfnNm1rB5tEt5C0zVfrb19QFG4uiKxAiYtmZcteYJ9b501vBvX8J; HttpOnly; Secure; Path=/; Domain=nst.com.my; Expires=Fri, 12 Jun 2026 17:37:09 GMT"
}
```

IPv6 HTTP (port 80)

HTTP Status	301
Connected IP	2606:4700::6812:41c
Connect Time	7.54 ms
TTFB	32.2 ms
Total Time	32.37 ms
Error	Could not resolve host: nst.com.my

Response Headers:

```
[
  "HTTP/1.1 301 Moved Permanently",
  "Date: Fri, 12 Jun 2026 17:07:08 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=C1M52rAfb9zIG1UDdZyUpBqu.q0LLkPo.yLF5C4RPOE-1781284028.5857532-1.0.1.1-xmMkt3b0ZL5dJaeDBt108ur.P0AwkHONvFgBLBRQ2B9.lbExFPW1dP6ZKJ94Cmzv.jvNqclclsi.gpuVyx20RctEL977GNBYfqMhdHVLj5IqC8UGgy20EeiJsmev; HttpOnly; Path=/; Domain=nst.com.my; Expires=Fri, 12 Jun 2026 17:37:08 GMT",
  "Referrer-Policy: strict-origin-when-cross-origin",
  "X-Frame-Options: allow-from http://digital.nstp.com.my/",
  "Server: cloudflare",
  "CF-RAY: a0aa733aabf6448b-SIN",
  "alt-svc: h3=\":443\"; ma=86400"
]
```

IPv4 HTTPS (port 443)

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

Connected IP	104.18.5.28
Connect Time	85.69 ms
TTFB	287.85 ms
Total Time	287.92 ms

Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "server: nginx/1.24.0 (Ubuntu)",
  "2": "date: Fri, 12 Jun 2026 17:07:09 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, 12 Jun 2026 17:07:09 GMT",
  "11": "content-type: text/html; charset=UTF-8",
  "12": "cf-ray: a0aa733f5efc7f39-MAA",
  "13": "cf-cache-status: HIT",
  "14": "age: 11",
  "15": "cache-control: public, max-age=30",
  "16": "expires: Fri, 12 Jun 2026 17:07:39 GMT",
  "17": "last-modified: Fri, 12 Jun 2026 17:06:58 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.nst.com.my/",
  "25": "alt-svc: h3=\":443\"; ma=86400",
  "26": "x-xss-protection: 1; mode=block",
  "27": "set-cookie: __cf_bm=liWY2E0AUruSk5zYudwCuk.B51euC.JuuSfrX818vx0-1781284029.83594-1.0.1.1-qm04lt_NvLYJndW.9uFhKBzRY3N4jI4JoKK7MRu3ItN7UekNkFhstb2seY14VzHGMyMhnzIfVDwM5jf1V91onR4jlfRx19xbA1FC0Kzys5WE_oHt0zFa614KLo0cANQ7; HttpOnly; Secure; Path=/; Domain=nst.com.my; Expires=Fri, 12 Jun 2026 17:37:09 GMT"
}
```

IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2606:4700::6812:51c
Connect Time	115.43 ms
TTFB	484.32 ms
Total Time	484.42 ms

Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "date: Fri, 12 Jun 2026 17:07:08 GMT",
  "2": "content-type: text/html",
  "3": "location: https://www.nst.com.my/",
  "4": "server: cloudflare",
  "5": "x-frame-options: allow-from http://digital.nst.com.my/",
  "6": "via: 1.1 google",
  "7": "alt-svc: h3=\":443\"; ma=86400",
  "8": "cf-cache-status: DYNAMIC",
  "9": "x-content-type-options: nosniff",
  "10": "set-cookie: __cf_bm=fvV0apdtZFwTr.4_1f0ArFFif8cJPhpNcZPRhSa0bas-1781284028.8329744-1.0.1.1-FxNjJenIbrFuseU5qKiYtg.lIB15QL1Fw0cLcZyKwCikYLBxexzfYvL5irmZhV62AYqCl2QEEx4fNRz9L221cwjyUB92B8ZL0wsUDcyLvl37PIoPKqe.U90ujhAw_2FN; HttpOnly; Secure; Path=/; Domain=nst.com.my; Expires=Fri, 12 Jun 2026 17:37:08 GMT",
  "11": "referrer-policy: strict-origin-when-cross-origin",
  "12": "cf-ray: a0aa733c3ald897b-MAA",
  "14": "HTTP/2 200",
  "15": "date: Fri, 12 Jun 2026 17:07:09 GMT",
  "16": "content-type: text/html; charset=UTF-8",
  "17": "cf-ray: a0aa733db83fdac0-KUL",
  "18": "cf-cache-status: HIT",
  "19": "age: 17",
  "20": "cache-control: public, max-age=30",
  "21": "expires: Fri, 12 Jun 2026 17:07:39 GMT",
  "22": "last-modified: Fri, 12 Jun 2026 17:06:52 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=FluK0nsmWtTRvQ90wVh6gJe8SM4xpSKj3tSkLPfqxEQ-1781284029.075956-1.0.1.1-9nnR27LlINCpUc_ybCtQ_QbowpcNc1hsUIGS9nJb5Eh87lEN7RjLzLs814sEfBwyzM9EG4qd0AyPJHXHz1t59e0SyAEdln44dLA53SGZrYvBYtz.FiQ5qY4mErRCCV2x; HttpOnly; Secure; Path=/; Domain=nst.com.my; Expires=Fri, 12 Jun 2026 17:37:09 GMT"
}
    
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.009105 0.021033
TCP Connect IPv6 → port 80	301 0.009859 0.029122
TCP Connect IPv4 → port 443	301 0.008627 0.060497
TCP Connect IPv6 → port 443	301 0.008141 0.066318

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
    
```