

IPv6 Readiness Report

threads.net — threads.net




Scan to verify

Category: Social Media • Generated: 04 Jul 2026, 22:45 MYT • Last Checked: 04 Jul 2026, 03:24 MYT • Verification ID: ce81d2d9-46cb-47fe-9eba-b0c6a7564f0a

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

Audit trail: <https://ipv6.my6.my/audit/ce81d2d9-46cb-47fe-9eba-b0c6a7564f0a>

 Partially Compliant <small>MGv6C-1.0</small>	<h1>74%</h1> Partial Support	IPv6-ONLY READINESS Website: ✓ Ready DNS: ✓ Ready Email: ✗ Not Ready
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IPv6 ADDRESSES
2a03:2880:f34c:c0:face:b00c::43fe

IPv4 ADDRESSES
57.144.152.192

Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	meta-mnt
Country	IE
ASN	AS32934
ASN Name	FACEBOOK - Facebook, Inc., US
Network (CIDR)	57.141.0.0/16

Web Services (35%) 8 / 8			
#	CHECK	RESULT	DETAIL
1	AAAA Record	PASS	2a03:2880:f34c:c0:face:b00c::43fe
2	Globally Routable IPv6	PASS	All addresses are globally routable.
3	HTTP over IPv6	PASS	HTTP (port 80) responds over IPv6 — 1018ms TTFB.
4	HTTPS over IPv6	PASS	HTTPS (port 443) responds over IPv6 — 979ms 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 = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1, expires Jul 11 23:59:59 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%) 4 / 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)	PASS	PTR record found in ip6.arpa.
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%) 1 / 6

#	CHECK	RESULT	DETAIL
1	MX Record Exists	FAIL	No MX record found in DNS.
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	FAIL	No DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	57.144.152.192
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 998ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 965ms TTFB.

Audit Trail & Evidence Record

Verification ID	ce81d2d9-46cb-47fe-9eba-b0c6a7564f0a
Domain	threads.net
Check Mode	Scheduled
Status	Completed
Started	04 Jul 2026, 03:24:19 MYT
Finished	04 Jul 2026, 03:24:33 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/ce81d2d9-46cb-47fe-9eba-b0c6a7564f0a

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	5b4b01263bdd165ecfec8ce6e387f44836f4e60a374dbdfb143934d4868b1e26
http_headers	e26d454b706a219ba9f21382d2d5ec1ab8d6ab698fd16fd579bc5c3af7489fba
dns_responses	a76762fb3a8fdcecb445d1d21c53bd10e8051abfb1b7b8d6809dfe271a04cbd
tls_handshake	7f69685497bf1be08193e034ff68b20eda8ef1d60d71c5ade7cd6ba5dfeaa993
connectivity_log	1dc8d22e44d77f84bb1533401dd721e0f83683f728d785d508ce3a7b5f28b995
dns_resolution_times	20cf14bdc00e90e4ce2b4b2b8855d64f8077a5a6176868cd7a33d287ea5a62a3

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	15.41	24.77	25.39	39.24	+10
Google	IPv4	35.81	54.27	21.5	30.27	-14.3
Google	IPv6	24.13	30.84	24.88	33.94	+0.8
Cloudflare	IPv4	13.11	23.07	12.83	14.52	-0.3
Cloudflare	IPv6	20.31	31.64	40.31	177.68	+20

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 61766
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
threads.net. 60 IN A 163.70.132.63
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 54334
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
net. 895 IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1783106636 1800 900 604800 900
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 35155
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
threads.net. 3596 IN SOA a.ns.facebook.com. dns.facebook.com. 4207849484 14400 1800 604800 3600
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 464
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
threads.net. 86400 IN NS b.ns.facebook.com.
threads.net. 86400 IN NS a.ns.facebook.com.
threads.net. 86400 IN NS d.ns.facebook.com.
threads.net. 86400 IN NS c.ns.facebook.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 48253
;; flags: qr rd ra; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
threads.net. 3600 IN TXT "facebook-domain-verification=hiqltzm7yrusmgfntnkxfgkb5u2tm"
threads.net. 3600 IN TXT "google-site-verification=Wby5jFTz1ZZYzg0008qcjxlvP7cM_17A6w5H0ijJsKc"
threads.net. 3600 IN TXT "google-site-verification=GpsmbpsLILYk3Kq9pLJXUil-TZ8NW1hrGKit2whBGxE"
threads.net. 3600 IN TXT "j5sc6587dxzfy90qfmqnxnlq8c4lhwnm"
threads.net. 7200 IN TXT "v=spf1 a -all"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 50259
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
threads.net. 60 IN AAAA 2a03:2880:f27f:cf:face:b00c:0:43fe
```

RRSIG

```
a.ns.facebook.com. dns.facebook.com. 4207849484 14400 1800 604800 3600
```

DNSKEY

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 33531
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
threads.net. IN SOA a.ns.facebook.com. dns.facebook.com. 4207849484 14400 1800 604800 3600
```

DNSSEC_VALIDATION

```
; unsigned answer
threads.net. IN SOA a.ns.facebook.com. dns.facebook.com. 4207849484 14400 1800 604800 3600
```



```

"44": "x-fb-debug: D0bySmuLHpzNONKd/MbwhhfXrc0re8t0nrXeqVmlk0/nF76Xku6CnVQ0bDx2IE+QkV2/6DzkKcwl3x5JytkQ2A==",
"45": "date: Fri, 03 Jul 2026 19:24:31 GMT",
"46": "alt-svc: h3=\":443\"; ma=86400",
"47": "x-fb-connection-quality: MODERATE; q=0.3, rtt=234, rtx=0, c=13, mss=1380, tbw=3818, tp=-1, tpl=-1, uplat=55, ullat=0"
}

```

IPv6 HTTP (port 80)

HTTP Status	200
Connected IP	2a03:2880:f31e:c0:face:b00c:0:43fe
Connect Time	257.02 ms
TTFB	987.53 ms
Total Time	987.71 ms

Response Headers:

```

{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Location: https://threads.net/",
  "2": "Content-Type: text/plain",
  "3": "Server: proxygen-bolt",
  "4": "Date: Fri, 03 Jul 2026 19:24:29 GMT",
  "5": "Connection: keep-alive",
  "6": "Content-Length: 0",
  "8": "HTTP/2 301",
  "9": "vary: Accept-Encoding",
  "10": "location: https://www.threads.net/",
  "11": "strict-transport-security: max-age=31536000; preload; includeSubDomains",
  "12": "x-stack: www",
  "13": "content-type: text/html; charset=utf-8",
  "14": "x-fb-debug: uA3Xwzt2rIuMdCtS9XKkYEgWs5DpCk4HtmLnb00uAmFXN/5LcRwk/vw4aVP4sqLniZQbV2oxhLPH2eWCfpxQ==",
  "15": "content-length: 0",
  "16": "date: Fri, 03 Jul 2026 19:24:29 GMT",
  "17": "alt-svc: h3=\":443\"; ma=86400",
  "18": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=7, rtx=0, c=16, mss=1380, tbw=3818, tp=-1, tpl=-1, uplat=164, ullat=0",
  "20": "HTTP/2 200",
  "21": "vary: Accept-Encoding",
  "22": "set-cookie: csrftoken=CkeUrZZWVMGc04iLbGdkK; expires=Sat, 07-Aug-2027 19:24:29 GMT; Max-Age=3456000; path=/; domain=.threads.net; secure",
  "23": "accept-ch-lifetime: 4838400",
  "24": "accept-ch: viewport-width,dpr,Sec-CH-Prefers-Color-Scheme,Sec-CH-UA-Full-Version-List,Sec-CH-UA-Platform-Version,Sec-CH-UA-Model",
  "25": "reporting-endpoints: coop_report=https://www.facebook.com/browser_reporting/coop/?minimize=0",
  coop_report=https://www.facebook.com/browser_reporting/coep/?minimize=0",
  default=https://www.threads.com/ajax/barcelona_error_reports/?device_level=unknown&bsid=7658384829231075896&comet_app_key=122&cpp=C3&cv=1042615712&st=1783106669830",
  permissions_policy=https://www.threads.com/ajax/barcelona_error_reports",
  "26": "report-to:
  {\"max_age\":2592000,\"endpoints\": [{\"url\": \"https://www.facebook.com/browser_reporting/coop/?minimize=0\"}], \"group\": \"coop_report\", \"include_subdomains\": true},
  {\"max_age\":86400,\"endpoints\": [{\"url\": \"https://www.facebook.com/browser_reporting/coep/?minimize=0\"}], \"group\": \"coep_report\"},
  {\"max_age\":259200,\"endpoints\": [{\"url\": \"https://www.threads.com/ajax/barcelona_error_reports/?device_level=unknown&bsid=7658384829231075896&comet_app_key=122&cpp=C3&cv=1042615712&st=1783106669830\"}], \"group\": \"permissions_policy\"},
  "27": "x-frame-options: DENY",
  "28": "content-security-policy: default-src *.threads.com *.threads.net *.instagram.com *.facebook.com *.fbcdn.net blob:script-src *.facebook.com *.fbcdn.net *.facebook.net 127.0.0.1* 'nonce-E06pYkAh' blob: 'self' static.cdninstagram.com 'unsafe-eval'; style-src data: 'self' 'unsafe-inline' *.fbcdn.net *.threads.com *.threads.net *.facebook.com *.instagram.com static.cdninstagram.com; connect-src *.threads.com *.threads.net wss://*.threads.com; wss://*.threads.net:*.facebook.com facebook.com *.fbcdn.net *.facebook.net wss://*.facebook.com; ws://localhost:*.blob: *.instagram.com *.cdninstagram.com wss://*.instagram.com:*.self'; font-src data: static.cdninstagram.com; img-src *.threads.com *.threads.net *.instagram.com *.facebook.com *.fbcdn.net *.cdninstagram.com data: blob: about.fb.com engineering.fb.com *.fbxs.com android-webview-video-poster: pps.whatsapp.net *.oculuscdn.com *.tenor.co *.tenor.com *.giphy.com https://www.gstatic.com; media-src *.threads.com *.threads.net *.instagram.com *.facebook.com *.fbcdn.net *.cdninstagram.com data: blob: *.fbxs.com android-webview-video-poster: *.tenor.co *.tenor.com https://*.giphy.com https://www.gstatic.com; child-src *.threads.com *.threads.net *.instagram.com *.facebook.com *.fbcdn.net data: blob:; frame-src *.fbxs.com *.facebook.net 'self'; manifest-src *.threads.com *.threads.net *.instagram.com *.facebook.com *.fbcdn.net data: blob:; object-src *.threads.com *.threads.net *.instagram.com *.facebook.com *.fbcdn.net data: blob:; worker-src *.threads.com *.threads.net *.instagram.com *.facebook.com *.fbcdn.net data: blob:; block-all-mixed-content; upgrade-insecure-requests;",
  "29": "document-policy: force-load-at-top",
  "30": "document-policy: include-js-call-stacks-in-crash-reports",
  "31": "permissions-policy: accelerometer=(), attribution-reporting=(), autoplay=(), bluetooth=(), camera=(), ch-device-memory=(), ch-downlink=(), ch-dpr=(), ch-ect=(), ch-rtt=(), ch-save-data=(), ch-ua-arch=(), ch-ua-bitness=(), ch-viewport-height=(), ch-viewport-width=(), ch-width=(), clipboard-read=(), clipboard-write=(self), compute-pressure=(), display-capture=(), encrypted-media=(), fullscreen=(self), gamepad=(), geolocation=(self), gyroscope=(), hid=(), idle-detection=(), interest-cohort=(), keyboard-map=(), local-fonts=(), magnetometer=(), microphone=(), midi=(), otp-credentials=(), payment=(), picture-in-picture=(), private-state-token-issuance=(), publickey-credentials-get=(), screen-wake-lock=(), serial=(), shared-storage=(), shared-storage-select-url=(), private-state-token-redemption=(), usb=(), unload=(self), window-management=(), xr-spatial-tracking=(); report-to= \"permissions_policy\"",
  "32": "cross-origin-resource-policy: same-origin",
  "33": "cross-origin-embedder-policy-report-only: require-corp; report-to= \"coep_report\"",
  "34": "cross-origin-opener-policy: same-origin-allow-popups",
  "35": "pragma: no-cache",
  "36": "cache-control: private, no-cache, no-store, must-revalidate",
  "37": "expires: Sat, 01 Jan 2000 00:00:00 GMT",
  "38": "x-content-type-options: nosniff",
  "39": "x-xss-protection: 0",

```

```

"40": "origin-agent-cluster: ?1",
"41": "strict-transport-security: max-age=31536000; preload; includeSubDomains",
"42": "x-stack: www",
"43": "content-type: text/html; charset=utf-8",
"44": "x-fb-debug: h6nlgTgDlPmMGrfr+2rIBVDWLF9JTYV9rtXDEpJlc0wTeiZSEARJFAVEaszCtYrFkLkmaadFnsF+K9CQL/3HA==",
"45": "date: Fri, 03 Jul 2026 19:24:29 GMT",
"46": "alt-svc: h3=443; ma=86400",
"47": "x-fb-connection-quality: MODERATE; q=0.3, rtt=233, rtx=0, c=13, mss=1380, tbw=3818, tp=-1, tpl=-1, uplat=65, ullat=0"
}

```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	57.144.78.192
Connect Time	244.68 ms
TTFB	960.62 ms
Total Time	960.74 ms

Response Headers:

```

{
  "0": "HTTP/2 301",
  "1": "Vary: Accept-Encoding",
  "2": "location: https://www.threads.net/",
  "3": "strict-transport-security: max-age=31536000; preload; includeSubDomains",
  "4": "x-stack: www",
  "5": "content-type: text/html; charset=utf-8",
  "6": "x-fb-debug: P+/lHe0hFqu6EzN9vUjrhKLeVtDvHNPTZEQijy45Kt0dd8KtdkPYG37kff01hwTGz2SkQPqQDj2tkvj992p7g==",
  "7": "content-length: 0",
  "8": "date: Fri, 03 Jul 2026 19:24:32 GMT",
  "9": "alt-svc: h3=443; ma=86400",
  "10": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=13, rtx=0, c=17, mss=1380, tbw=3840, tp=-1, tpl=-1, uplat=176, ullat=0",
  "12": "HTTP/2 200",
  "13": "Vary: Accept-Encoding",
  "14": "set-cookie: csrftoken=bVXC000ct0EAtf0bcfCjpG; expires=Sat, 07-Aug-2027 19:24:32 GMT; Max-Age=34560000; path=/; domain=.threads.net; secure",
  "15": "accept-ch-lifetime: 4838400",
  "16": "accept-ch: viewport-width,dpr,Sec-CH-Prefers-Color-Scheme,Sec-CH-UA-Full-Version-List,Sec-CH-UA-Platform-Version,Sec-CH-UA-Model",
  "17": "reporting-endpoints: coop_report=https://www.facebook.com/browser_reporting/coop/?minimize=0",
  "18": "report-to:
  {
    \"max_age\":2592000,\"endpoints\": [{\"url\":\"https://www.facebook.com/browser_reporting/coop/?minimize=0\"}],\"group\":\"coop_report\", \"include_subdomains\":true},
    {\"max_age\":86400,\"endpoints\": [{\"url\":\"https://www.facebook.com/browser_reporting/coop/?minimize=0\"}],\"group\":\"coop_report\"},
    {\"max_age\":259200,\"endpoints\": [{\"url\":\"https://www.facebook.com/ajax/barcelona_error_reports/?device_level=unknown&bsid=7658384843041653996&comet_app_key=122&cpp=C3&cv=1042612267&st=1783106672761\"}],\"group\":\"permissions_policy\"},
    {\"max_age\":21600,\"endpoints\": [{\"url\":\"https://www.facebook.com/ajax/barcelona_error_reports/\"}],\"group\":\"permissions_policy\"},
  },
  "19": "x-frame-options: DENY",
  "20": "content-security-policy: default-src *.threads.net *.instagram.com *.facebook.com *.fbcdn.net blob:;script-src *.facebook.com *.fbcdn.net *.facebook.com i27.0.0.1: * 'nonce-T17NmVFH' blob: 'self' static.cdninstagram.com 'unsafe-eval';style-src data: blob: 'unsafe-inline' *.fbcdn.net *.threads.net *.threads.net *.facebook.com *.instagram.com static.cdninstagram.com;connect-src *.threads.net wss://*.threads.net: * wss://*.threads.net: * *.facebook.com facebook.com *.fbcdn.net *.facebook.net wss://*.facebook.com: * ws://localhost: * blob: *.instagram.com *.cdninstagram.com wss://*.instagram.com: * 'self';font-src data: static.cdninstagram.com;img-src *.threads.net *.instagram.com *.facebook.com *.fbcdn.net *.cdninstagram.com data: blob: about.fb.com engineering.fb.com *.fbx.com android-webview-video-poster: pps.whatsapp.net *.oculuscdn.com *.tenor.com *.tenor.com *.giphy.com https://www.gstatic.com;media-src *.threads.net *.instagram.com *.facebook.com *.fbcdn.net *.cdninstagram.com data: blob: *.fbx.com android-webview-video-poster: *.tenor.com *.tenor.com https://*.giphy.com https://www.gstatic.com;child-src *.threads.net *.instagram.com *.facebook.com *.fbcdn.net data: blob:;frame-src *.fbx.com *.facebook.net 'self';manifest-src *.threads.net *.instagram.com *.facebook.com *.fbcdn.net data: blob:;object-src *.threads.net *.instagram.com *.facebook.com *.fbcdn.net data: blob:;worker-src *.threads.net *.instagram.com *.facebook.com *.fbcdn.net data: blob:;block-all-mixed-content;upgrade-insecure-requests;",
  "21": "document-policy: force-load-at-top",
  "22": "document-policy: include-js-call-stacks-in-crash-reports",
  "23": "permissions-policy: accelerometer=(), attribution-reporting=(), autoplay=(), bluetooth=(), camera=(), ch-device-memory=(), ch-downlink=(), ch-dpr=(), ch-ect=(), ch-rtt=(), ch-save-data=(), ch-ua-arch=(), ch-ua-bitness=(), ch-viewport-height=(), ch-viewport-width=(), ch-width=(), clipboard-read=(), clipboard-write=(), compute-pressure=(), display-capture=(), encrypted-media=(), fullscreen=(), gamepad=(), geolocation=(), gyroscope=(), hid=(), idle-detection=(), interest-cohort=(), keyboard-map=(), local-fonts=(), magnetometer=(), microphone=(), midi=(), otp-credentials=(), payment=(), picture-in-picture=(), private-state-token-issuance=(), publickey-credentials-get=(), screen-wake-lock=(), serial=(), shared-storage=(), shared-storage-select-url=(), private-state-token-redemption=(), usb=(), unload=(), window-management=(), xr-spatial-tracking=();report-to=https://www.facebook.com/browser_reporting/coop/?minimize=0",
  "24": "cross-origin-resource-policy: same-origin",
  "25": "cross-origin-embedder-policy-report-only: require-corp;report-to=https://www.facebook.com/browser_reporting/coop/?minimize=0",
  "26": "cross-origin-opener-policy: same-origin-allow-popups",
  "27": "pragma: no-cache",
  "28": "cache-control: private, no-cache, no-store, must-revalidate",
  "29": "expires: Sat, 01 Jan 2000 00:00:00 GMT",
  "30": "x-content-type-options: nosniff",
  "31": "x-xss-protection: 0",
  "32": "origin-agent-cluster: ?1",
  "33": "strict-transport-security: max-age=31536000; preload; includeSubDomains",
  "34": "x-stack: www",

```

```

"35": "content-type: text/html; charset=utf-8",
"36": "x-fb-debug: D6r+ho18e3MJfkbX0olykHxoYfejYVAvRE10/r9iiUoKBY5j+cQmLpwZyUUTuy+VS4gvFoNKtPmLmXGGH9mJXw==",
"37": "date: Fri, 03 Jul 2026 19:24:32 GMT",
"38": "alt-svc: h3=\":443\"; ma=86400",
"39": "x-fb-connection-quality: MODERATE; q=0.3, rtt=233, rtx=0, c=13, mss=1380, tbw=3818, tp=-1, tpl=-1, uplat=50, ullat=0"
}

```

IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2a03:2880:f31e:c0:face:b00c:0:43fe
Connect Time	245.19 ms
TTFB	976.43 ms
Total Time	976.54 ms

Response Headers:

```

{
  "0": "HTTP/2 301",
  "1": "vary: Accept-Encoding",
  "2": "location: https://www.threads.net/",
  "3": "strict-transport-security: max-age=31536000; preload; includeSubDomains",
  "4": "x-stack: www",
  "5": "content-type: text/html; charset=utf-8",
  "6": "x-fb-debug: Nywsmr3TvnmRxyLQ4090ANFVskdiULRjmEsxZRg8s7VOC0+xqzNyQNWIIQVhXpEnBNrsPQRm47d688MXgYpLQ==",
  "7": "content-length: 0",
  "8": "date: Fri, 03 Jul 2026 19:24:30 GMT",
  "9": "alt-svc: h3=\":443\"; ma=86400",
  "10": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=8, rtx=0, c=16, mss=1380, tbw=3818, tp=-1, tpl=-1, uplat=163, ullat=0",
  "12": "HTTP/2 200",
  "13": "vary: Accept-Encoding",
  "14": "set-cookie: csrftoken=6gUpaZuThEk89dnox_2VFL; expires=Sat, 07-Aug-2027 19:24:30 GMT; Max-Age=34560000; path=/; domain=.threads.net; secure",
  "15": "accept-ch-lifetime: 4838400",
  "16": "accept-ch: viewport-width,dpr,Sec-CH-Prefers-Color-Scheme,Sec-CH-UA-Full-Version-List,Sec-CH-UA-Platform-Version,Sec-CH-UA-Model",
  "17": "reporting-endpoints: coop_report=https://www.facebook.com/browser_reporting/coop/?minimize=0",
  coep_report=https://www.facebook.com/browser_reporting/coep/?minimize=0",
  default=https://www.threads.com/ajax/barcelona_error_reports/?device_level=unknown&rsid=7658384833871551775&comet_app_key=122&cpp=C3&cv=1042615712&st=1783106670801",
  permissions_policy=https://www.threads.com/ajax/barcelona_error_reports",
  "18": "report-to:
{
  \"max_age\":2592000,\"endpoints\":[
{
  \"url\":https://www.facebook.com/browser_reporting/coop/?minimize=0\",
  \"group\":coop_report\",
  \"include_subdomains\":true
},
{
  \"url\":https://www.facebook.com/browser_reporting/coep/?minimize=0\",
  \"group\":coep_report
},
{
  \"url\":https://www.threads.com/ajax/barcelona_error_reports/?device_level=unknown&rsid=7658384833871551775&comet_app_key=122&cpp=C3&cv=1042615712&st=1783106670801\",
  \"url\":https://www.threads.com/ajax/barcelona_error_reports\",
  \"group\":permissions_policy
}
],
  \"report_to\":permissions_policy
}
",
  "19": "x-frame-options: DENY",
  "20": "content-security-policy: default-src *.threads.com *.threads.net *.instagram.com *.facebook.com *.fbcdn.net blob:script-src *.facebook.com *.fbcdn.net *.facebook.net 127.0.0.1:* 'nonce-fFiSiFDm' blob: 'self' static.cdninstagram.com 'unsafe-eval'; style-src data: blob: 'unsafe-inline' *.fbcdn.net *.threads.com *.threads.net *.facebook.com *.instagram.com static.cdninstagram.com; connect-src *.threads.com *.threads.net wss://*.threads.com * wss://*.threads.net:*.facebook.com *.facebook.com *.fbcdn.net wss://*.facebook.com * ws://localhost:* blob: *.instagram.com *.cdninstagram.com wss://*.instagram.com:*.self'; font-src data: static.cdninstagram.com; img-src *.threads.com *.threads.net *.instagram.com *.facebook.com *.fbcdn.net *.cdninstagram.com data: blob: about.fb.com engineering.fb.com *.fbx.com android-webview-video-poster: pps.whatsapp.net *.oculuscdn.com *.tenor.com *.tenor.com *.giphy.com https://www.gstatic.com; media-src *.threads.com *.threads.net *.instagram.com *.facebook.com *.fbcdn.net *.cdninstagram.com data: blob: *.fbx.com android-webview-video-poster: *.tenor.com *.tenor.com *.giphy.com https://www.gstatic.com; child-src *.threads.com *.threads.net *.instagram.com *.facebook.com *.fbcdn.net *.cdninstagram.com data: blob:; frame-src *.fbx.com *.facebook.net 'self'; manifest-src *.threads.com *.threads.net *.instagram.com *.facebook.com *.fbcdn.net data: blob:; object-src *.threads.com *.threads.net *.instagram.com *.facebook.com *.fbcdn.net data: blob:; worker-src *.threads.com *.threads.net *.instagram.com *.facebook.com *.fbcdn.net data: blob:; block-all-mixed-content; upgrade-insecure-requests";
  "21": "document-policy: force-load-at-top",
  "22": "document-policy: include-js-call-stacks-in-crash-reports",
  "23": "permissions-policy: accelerometer=(), attribution-reporting=(), autoplay=(), bluetooth=(), camera=(), ch-device-memory=(), ch-downlink=(), ch-dpr=(), ch-ect=(), ch-rtt=(), ch-save-data=(), ch-ua-arch=(), ch-ua-bitness=(), ch-viewport-height=(), ch-viewport-width=(), ch-width=(), clipboard-read=(), clipboard-write=(), compute-pressures=(), display-capture=(), encrypted-media=(), fullscreen=(), gamepad=(), geolocation=(), gyroscope=(), hid=(), idle-detection=(), interest-cohort=(), keyboard-map=(), local-fonts=(), magnetometer=(), microphone=(), midi=(), otp-credentials=(), payment=(), picture-in-picture=(), private-state-token-issuance=(), publickey-credentials-get=(), screen-wake-lock=(), serial=(), shared-storage=(), shared-storage-select-url=(), private-state-token-redemption=(), usb=(), unload=(), window-management=(), xr-spatial-tracking=(); report-to=permissions_policy",
  "24": "cross-origin-resource-policy: same-origin",
  "25": "cross-origin-embedder-policy-report-only: require-corp; report-to=coop_report",
  "26": "cross-origin-opener-policy: same-origin-allow-popups",
  "27": "pragma: no-cache",
  "28": "cache-control: private, no-cache, no-store, must-revalidate",
  "29": "expires: Sat, 01 Jan 2000 00:00:00 GMT",
  "30": "x-content-type-options: nosniff",
  "31": "x-xss-protection: 0",
  "32": "origin-agent-cluster: ?1",
  "33": "strict-transport-security: max-age=31536000; preload; includeSubDomains",
  "34": "x-stack: www",
  "35": "content-type: text/html; charset=utf-8",
  "36": "x-fb-debug: 5RklGcJawfKwLTgChJPYKu5f5RrpsIns+axHLLyIXCoy8FPZpolnq6zf9PSy20mALGzYXV6N00dqWgCQHs1Dg==",
  "37": "date: Fri, 03 Jul 2026 19:24:30 GMT",
}

```

```

"38": "alt-svc: h3=\":443\"; ma=86400",
"39": "x-fb-connection-quality: MODERATE; q=0.3, rtt=235, rtx=0, c=13, mss=1380, tbw=3818, tp=-1, tpl=-1, uplat=74, ullat=0"
}
    
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.008276 0.016415
TCP Connect IPv6 → port 80	301 0.008283 0.016248
TCP Connect IPv4 → port 443	301 0.009245 0.216200
TCP Connect IPv6 → port 443	301 0.009188 0.212473

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
    
```