IPv6 Readiness Report

threads.net — threads.net

Scan to verify

Category: Social Media • Generated: 02 Nov 2026, 03:12 MYT • Last Checked: 08 Aug 2026, 18:20 MYT • Verification ID: f6debd29-d989-40b7-9d06-962fec261c4d
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/f6debd29-d989-40b7-9d06-962fec261c4d

⚠
Partially Compliant
MGv6C-1.0

74%
Partial Support

IPV6-ONLY READINESS
Website: ✓ **Ready**
DNS: ✓ **Ready**
Email: ✗ **Not Ready**

IPV6 ADDRESSES
`2a03:2880:f27f:1cf:face:b00c::43fe`

IPV4 ADDRESSES
`163.70.137.63`

Network Information (WHOIS / RDAP)

	IPv6 Network	IPv4 Network
Organization	meta-mnt	meta-mnt
Country	IE	IE
ASN	AS32934	AS32934
ASN Name	FACEBOOK - Facebook, Inc., US	FACEBOOK - Facebook, Inc., US
Network (CIDR)	2a03:2880::/29	163.70.128.0/17

Web Services (35%) — 8 / 8

#	CHECK	RESULT	DETAIL
1	**AAAA Record**	**PASS**	2a03:2880:f27f:1cf:face:b00c::43fe
2	**Globally Routable IPv6**	**PASS**	All addresses are globally routable.
3	**HTTP over IPv6**	**PASS**	HTTP (port 80) responds over IPv6 — 507ms TTFB.
4	**HTTPS over IPv6**	**PASS**	HTTPS (port 443) responds over IPv6 — 457ms 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 Aug 15 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	163.70.137.63
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 450ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 387ms TTFB.

Audit Trail & Evidence Record

Verification ID	f6debd29-d989-40b7-9d06-962fec261c4d
Domain	threads.net
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:20:08 MYT
Finished	08 Aug 2026, 18:20:16 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/f6debd29-d989-40b7-9d06-962fec261c4d

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	07018ee77c03d6d882d3d4397cefd5b62e1e4cf8782211af0bbbf277191be775
http_headers	a4c3a794e122be1e89969e980f0f650b7054ad4a74244f02df117bdd92bf1bc9
dns_responses	5f08bbd5a98eacd45b71a2e35f55340a0674c04e5943b5a69dea202a99e42a02
tls_handshake	a6381a8e167092aee4629d60ef5a6872f310f540184ce30ccddd961637fc9d96
connectivity_log	6b9c9775f3a475d0a76fdd0386a906ac8f166453bc4712c9afa47b93b3b11b73
dns_resolution_times	31a94453e387241002a028ba70fe2e1b9d805c745f665c92bf87bd18ba238a3e

Test Node Identity

Os	Linux srv1440888 6.8.0-136-generic #136-Ubuntu SMP PREEMPT_DYNAMIC Wed Jul 1 21:53:05 UTC 2026 x86_64
Hostname	srv1440888
Php Version	8.3.33
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	25.25	33.84	28.33	31.86	+3.1
Google	IPv4	87.26	97.23	92.39	102.99	+5.1
Google	IPv6	41.57	64.52	73.53	92.55	+32
Cloudflare	IPv4	22.63	27.48	20.93	23.37	-1.7
Cloudflare	IPv6	29.99	40.94	23.6	31.94	-6.4

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 65103
;; 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: 26873
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
net.  896  IN  SOA  a.gtld-servers.net. nstld.verisign-grs.com. 1786184374 1800 900 604800 900
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 812
;; 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: 18921
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
threads.net.  59124  IN  NS  c.ns.facebook.com.
threads.net.  59124  IN  NS  b.ns.facebook.com.
threads.net.  59124  IN  NS  a.ns.facebook.com.
threads.net.  59124  IN  NS  d.ns.facebook.com.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 38101
;; 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  "google-site-verification=Wby5jFTz1ZZYzgOO08qcjxlvP7cM_17A6w5HOijJsKc"
threads.net.  3600  IN  TXT  "j5sc6587dxzfj90qfmqnxnlq8c41hwnm"
threads.net.  3600  IN  TXT  "google-site-verification=GpsmbpsLILYk3Kq9pLJXUil-TZ8NW1hrGKIt2whBGxE"
threads.net.  7200  IN  TXT  "v=spf1 a ~all"
threads.net.  3600  IN  TXT  "facebook-domain-verification=hiqltzmr7yrusmgfntnkxfgkb5u2tm"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 19209
;; 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: 59557
;; 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
```

DNSSEC_VALIDATION

```
; unsigned answer
threads.net.□□3596□IN□SOA□a.ns.facebook.com. dns.facebook.com. 4207849484 14400 1800 604800 3600
```

TLS Handshake Evidence

IPV4 Connection

IP Used	163.70.137.63
IP Version	4

```
depth=2 C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G2
verify return:1
depth=1 C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
verify return:1
depth=0 C = US, ST = California, L = Menlo Park, O = "Meta Platforms, Inc.", CN = *.threads.net
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = US, ST = California, L = Menlo Park, O = "Meta Platforms, Inc.", CN = *.threads.net
   i:C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: May 17 00:00:00 2026 GMT; NotAfter: Aug 15 23:59:59 2026 GMT
-----BEGIN CERTIFICATE-----
MIIG3jCCBcagAwIBAgIQBQszB91YXH38dqqPBjGu2jANBgkqhkiG9w0BAQsFADBZ
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMTMwMQYDVQQDEypE
aWdpQ2VydCBHbG9iYWwgRzIgVExTIFJTQSBTSEEyNTYgMjAyMCBDQTEwHhcNMjYw
NTE3MDAwMDAwWhcNMjYwODE1MjM1OTU5WjBuMQswCQYDVQQGEwJVUzETMBEGA1UE
CBMKQ2FsaWZvcm5pYTETMBEGA1UEBxMKTWVubG8gUGFyazEdMBsGA1UEChMUTWV0
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ggOLMIIDhzAfBgNVHSMEGDAWgBR0hYDAZsffN97PvSk3qgMdvu3NFzAdBgNVHQ4E
FgQULiaIuU7uNe7M8Y74zMGUGaqDunkwJQYDVR0RBB4wHIINKi50aHJlYWRzLm5l
dIILdGhyZWFkcy5uZXQwPgYDVR0gBDcwNTAzBgZngQwBAgIwKTAnBggrBgEFBQcC
ARYbaHR0cDovL3d3dy5kaWdpY2VydC5jb20vQ1BTMA4GA1UdDwEB/wQEAwIFoDAT
BgNVHSUEDDAKBggrBgEFBQcDATCBnwYDVR0fBIGXMIGUMEigRqBEhkJodHRwOi8v
Y3JsMy5kaWdpY2VydC5jb20vRGlnaUNlcnRHbG9iYWxHMlRMU1JTQVNIQTI1NjIw
MjBDQTEtMS5jcmwwSKBGoESGQmh0dHA6Ly9jcmw0LmRpZ2ljZXJ0LmNvbS9EaWdp
Q2VydEdsb2JhbEcyVExTUlNBU0hBMjU2MjAyMENBMS0xLmNybDCBhwYIKwYBBQUH
AQEEezB5MCQGCCsGAQUFBzABhhhodHRwOi8vb2NzcC5kaWdpY2VydC5jb20wUQYI
KwYBBQUHMAKGRWh0dHA6Ly9jYWNlcnRzLmRpZ2ljZXJ0LmNvbS9EaWdpQ2VydEds
b2JhbEcyVExTUlNBU0hBMjU2MjAyMENBMS0xLmNydDAMBgNVHRMBAf8EAjAAMIIB
fQYKKwYBBAHWeQIEAgSCAW0EggFpAWcAdgDCMX5XRRmjRe5/ON6ykEHrx8IhWiK/
f9W1rXaa2Q5SzQAAAZ4zcC5hAAAEAwBHMEUCIAcJHAViPM825fgHbjNDtD7o40l2
SA/KuHpHdH5qVtWdAiEAhaJEsU8S7oHnBG9NFsWOoT+c0ZSn55nZ8muP90BhiH4A
dgDYCVU7lE96/8gWGW+UT4WrsPj8XodVJg8V0S5yu0VLFAAAAZ4zcC6EAAAEAwBH
MEUCIGUcFpLjyh3t8N6FRjIgU7rAI2JmhOpXn/5EU55LjgolAiEAnUQPZ/CtVmBq
u8waqe1gFBySRAaFq3XS5f3YK3iiWlkAdQCUTkOH+uzB74HzGSQmqBhlAcfTXzgC
AT9yZ31VNy4Z2AAAAZ4zcC5wAAAEAwBGMEQCIFsqw/cbpEaQF/kAgMPVZvkLi/CS
c40wuDYn50hj6eYYAiAk+Z68SpjU9iMONf8PtgzcZBOScONZw+AR9TKm7x14uzAN
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u9lSAWKxReMkkKMx++kH5smlIfUjIeixNEZ6NpUNSAbr6qR/srVTMTb3aPTy8fzr
CrNWy1wpNDF1QqBCU/2mHL6T9KgfThIC9jeVbDJMkpOsyNDVC6aq6qJHO38X/DZc
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dUlfNVCmYMvpYMtgFls+2ugCvnlBnicYr9yCfhM+/XLzjQi1u6lwL1s2BQpC3EpL
hgR8KGY/L1o5Sa0u5PuSBDZ773a2h5RbXaOHONsFbT/rDQ==
-----END CERTIFICATE-----
 1 s:C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
   i:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G2
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Mar 30 00:00:00 2021 GMT; NotAfter: Mar 29 23:59:59 2031 GMT
-----BEGIN CERTIFICATE-----
MIIEyDCCA7CgAwIBAgIQDPW9BitWAvR6uFAsI8zwZjANBgkqhkiG9w0BAQsFADBh
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMRkwFwYDVQQLExB3
d3cuZGlnaWNlcnQuY29tMSAwHgYDVQQDExdEaWdpQ2VydCBHbG9iYWwgUm9vdCBH
MjAeFw0yMTAzMzAwMDAwMDBaFw0zMTAzMjkyMzU5NTlaMFkxCzAJBgNVBAYTAlVT
MRUwEwYDVQQKEwxEaWdpQ2VydCBJbmMxMzAxBgNVBAMTKkRpZ2lDZXJ0IEdsb2Jh
bCBHMiBUTFMgUlNBIFNIQTI1NiAyMDIwIENBMTCCASIwDQYJKoZIhvcNAQEBBQAD
ggEPADCCAQoCggEBAMz3EGJPprtjb+2QUlbFbSd7ehJWivH0+dbn4Y+9lavyYEEV
cNsSAPonCrVXOFt9slGTcZUOakGUWzUb+nv6u8W+JDD+Vu/E832X4xT1FE3LpxDy
FuqrIvAxIhFhaZAmunjZlx/jfWardUSVc8is/+9dCopZQ+GssjoP80j812s3wWPc
3kbW20X+fSP9kOhRBx5Ro1/tSUZUfyyIxfQTnJcVPAPooTncaQwywa8WV0yUR0J8
osicfebUTVSvQpmowQTCd5zWSOTOEeAqgJnwQ3DPP3Zr0UxJqyRewg2C/Uaoq2yT
zGJSQnWS+Jr6Xl6ysGHlHx+5fwmY6D36g39HaaECAwEAAaOCAYIwggF+MBIGA1Ud
EwEB/wQIMAYBAf8CAQAwHQYDVR0OBBYEFHSFgMBmx9833s+9KTeqAx2+7c0XMB8G
A1UdIwQYMBaAFE4iVCAYlebjbuYP+vq5Eu0GF485MA4GA1UdDwEB/wQEAwIBhjAd
BgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUHAwIwdgYIKwYBBQUHAQEEajBoMCQG
```

```
CCsGAQUFBzABhhhodHRwOi8vb2NzcC5kaWdpY2VydC5jb20wQAYIKwYBBQUHMAKG
NGh0dHA6Ly9jYWNlcnRzLmRpZ2ljZXJ0LmNvbS9EaWdpQ2VydEdsb2JhbFJvb3RH
Mi5jcnQwQgYDVR0fBDswOTA3oDWgM4YxaHR0cDovL2NybDMuZGlnaWNlcnQuY29t
L0RpZ2lDZXJ0R2xvYmFsUm9vdEcyLmNybDA9BgNVHSAENjA0MAsGCWCGSAGG/WwC
ATAHBgVngQwBATAIBgZngQwBAgEwCAYGZ4EMAQICMAgGBmeBDAECAzANBgkqhkiG
9w0BAQsFAAOCAQEAkPFwyyiXaZd8dP3A+iZ7U6utzWX9upwGnIrXWkOH7U1MVl+t
wcW1BSAuWdH/SvWgKtiwla3JLko716f2b4gp/DA/JIS7w7d7kwcsr4drdjPtAFVS
slme5LnQ89/nD/7d+MS5EHKBCQRfz5eeLjJ1js+aWNJXMX43AYGyZm0pGrFmCW3R
bpD0ufovARTFXFZkAdl9h6g4U5+LXUZtXMYnhIHUfoyMo5tS58aI7Dd8KvvwVVo4
chDYABPPTHPbqjc1qCmBaZx2vN4Ye5DUys/vZwP9BFohFrH/6j/f3IL16/RZkiMN
JCqVJUzKoZHm1Lesh3Sz8W2jmdv51b2EQJ8HmA==
-----END CERTIFICATE-----
---
Server certificate
subject=C = US, ST = California, L = Menlo Park, O = "Meta Platforms, Inc.", CN = *.threads.net
issuer=C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: RSA-PSS
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 3513 bytes and written 377 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_CHACHA20_POLY1305_SHA256
Server public key is 2048 bit
Secure Renegotiation IS NOT supported
```

IPV6 Connection

IP Used	2a03:2880:f27f:1cf:face:b00c::43fe
IP Version	6

```
depth=2 C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G2
verify return:1
depth=1 C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
verify return:1
depth=0 C = US, ST = California, L = Menlo Park, O = "Meta Platforms, Inc.", CN = *.threads.net
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = US, ST = California, L = Menlo Park, O = "Meta Platforms, Inc.", CN = *.threads.net
   i:C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: May 17 00:00:00 2026 GMT; NotAfter: Aug 15 23:59:59 2026 GMT
-----BEGIN CERTIFICATE-----
MIIG3jCCBcagAwIBAgIQBQszB91YXH38dqqPBjGu2jANBgkqhkiG9w0BAQsFADBZ
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMTMwMQYDVQQDEypE
aWdpQ2VydCBHbG9iYWwgRzIgVExTIFJTQSBTSEEyNTYgMjAyMCBDQTEwHhcNMjYw
NTE3MDAwMDAwWhcNMjYwODE1MjM1OTU5WjBuMQswCQYDVQQGEwJVUzETMBEGA1UE
CBMKQ2FsaWZvcm5pYTETMBEGA1UEBxMKTWVubG8gUGFyazEdMBsGA1UEChMUTWV0
YSBQbGF0Zm9ybXMsIEluYy4xFjAUBgNVBAMMDSoudGhyZWFkcy5uZXQwggEiMA0G
CSqGSIb3DQEBAQUAA4IBDwAwggEKAoIBAQC6Z/8djtC7DfDYCdetZeWTwP2Yumi1
ubyCbothuygFsXZKB0RMlVPicjsyTSVijzui/INVzrm+0fUBabMPCvC3mxJVJ2qS
LUqYKOct6bdMZEOs0e1tXUsQ00WDo4ftqsuXfbhTrJILff3v+1EFoXk4shpvdWid
E2ClmqiLeyWohP5RVGZCrjHg4E8BR0weastdrmMmfUV52pniW3nvITlmglbl6Joq
vONhWs0KrYHjhXXcYz+wch5ay3jCvQ8ZxnK9FV/ocuO2AVqUzmM/DiinK7zamBz7
0fVmyfC4pucgFUtpinHM3vbNTP0BwOTSDT4PFc2M+/k6RArDI4nYaMrhAgMBAAGj
ggOLMIIDhzAfBgNVHSMEGDAWgBR0hYDAZsffN97PvSk3qgMdvu3NFzAdBgNVHQ4E
FgQULiaIuU7uNe7M8Y74zMGUGaqDunkwJQYDVR0RBB4wHIINKi50aHJlYWRzLm5l
dIILdGhyZWFkcy5uZXQwPgYDVR0gBDcwNTAzBgZngQwBAgIwKTAnBggrBgEFBQcC
ARYbaHR0cDovL3d3dy5kaWdpY2VydC5jb20vQ1BTMA4GA1UdDwEB/wQEAwIFoDAT
BgNVHSUEDDAKBggrBgEFBQcDATCBnwYDVR0fBIGXMIGUMEigRqBEhkJodHRwOi8v
Y3JsMy5kaWdpY2VydC5jb20vRGlnaUNlcnRHbG9iYWxHMlRMU1JTQVNIQTI1NjIw
MjBDQTEtMS5jcmwwSKBGoESGQmh0dHA6Ly9jcmw0LmRpZ2ljZXJ0LmNvbS9EaWdp
Q2VydEdsb2JhbEcyVExTUlNBU0hBMjU2MjAyMENBMS0xLmNybDCBhwYIKwYBBQUH
AQEEezB5MCQGCCsGAQUFBzABhhhodHRwOi8vb2NzcC5kaWdpY2VydC5jb20wUQYI
KwYBBQUHMAKGRWh0dHA6Ly9jYWNlcnRzLmRpZ2ljZXJ0LmNvbS9EaWdpQ2VydEds
b2JhbEcyVExTUlNBU0hBMjU2MjAyMENBMS0xLmNydDAMBgNVHRMBAf8EAjAAMIIB
fQYKKwYBBAHWeQIEAgSCAW0EggFpAWcAdgDCMX5XRRmjRe5/ON6ykEHrx8IhWiK/
f9W1rXaa2Q5SzQAAAZ4zcC5hAAAEAwBHMEUCIAcJHAViPM825fgHbjNDtD7o40l2
SA/KuHpHdH5qVtWdAiEAhaJEsU8S7oHnBG9NFsWOoT+c0ZSn55nZ8muP90BhiH4A
dgDYCVU7lE96/8gWGW+UT4WrsPj8XodVJg8V0S5yu0VLFAAAAZ4zcC6EAAAEAwBH
MEUCIGUcFpLjyh3t8N6FRjIgU7rAI2JmhOpXn/5EU55LjgolAiEAnUQPZ/CtVmBq
u8waqe1gFBySRAaFq3XS5f3YK3iiWlkAdQCUTkOH+uzB74HzGSQmqBhlAcfTXzgC
AT9yZ31VNy4Z2AAAAZ4zcC5wAAAEAwBGMEQCIFsqw/cbpEaQF/kAgMPVZvkLi/CS
c40wuDYn50hj6eYYAiAk+Z68SpjU9iMONf8PtgzcZBOScONZw+AR9TKm7x14uzAN
```

```
BgkqhkiG9w0BAQsFAAOCAQEAtJvfOvH4E5BwWW1mtTQP6zKUQ4SuAx4i5uB2+xk1
u9lSAWKxReMkkKMx++kH5smlIfUjIeixNEZ6NpUNSAbr6qR/srVTMTb3aPTy8fzr
CrNWy1wpNDF1QqBCU/2mHL6T9KgfThIC9jeVbDJMkpOsyNDVC6aq6qJHO38X/DZc
5ZWRoAk8/xC4vgBMXucIRJwYwT+GxIbpnwxHPgkGL7G4eCZExgv4H26AFC4wGHNR
dUlfNVCmYMvpYMtgFls+2ugCvnlBnicYr9yCfhM+/XLzjQi1u6lwL1s2BQpC3EpL
hgR8KGY/L1o5Sa0u5PuSBDZ773a2h5RbXaOHONsFbT/rDQ==
-----END CERTIFICATE-----
 1 s:C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
   i:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G2
   a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
   v:NotBefore: Mar 30 00:00:00 2021 GMT; NotAfter: Mar 29 23:59:59 2031 GMT
-----BEGIN CERTIFICATE-----
MIIEyDCCA7CgAwIBAgIQDPW9BitWAvR6uFAsI8zwZjANBgkqhkiG9w0BAQsFADBh
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMRkwFwYDVQQLExB3
d3cuZGlnaWNlcnQuY29tMSAwHgYDVQQDExdEaWdpQ2VydCBHbG9iYWwgUm9vdCBH
MjAeFw0yMTAzMzAwMDAwMDBaFw0zMTAzMjkyMzU5NTlaMFkxCzAJBgNVBAYTAlVT
MRUwEwYDVQQKEwxEaWdpQ2VydCBJbmMxMzAxBgNVBAMTKkRpZ2lDZXJ0IEdsb2Jh
bCBHMiBUTFMgUlNBIFNIQTI1NiAyMDIwIENBMTCCASIwDQYJKoZIhvcNAQEBBQAD
ggEPADCCAQoCggEBAMz3EGJPprtjb+2QUlbFbSd7ehJWivH0+dbn4Y+9lavyYEEV
cNsSAPonCrVXOFt9slGTcZUOakGUWzUb+nv6u8W+JDD+Vu/E832X4xT1FE3LpxDy
FuqrIvAxIhFhaZAmunjZlx/jfWardUSVc8is/+9dCopZQ+GssjoP80j812s3wWPc
3kbW20X+fSP9kOhRBx5Rol/tSUZUfyyIxfQTnJcVPAPooTncaQwywa8WV0yUR0J8
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zGJSQnWS+Jr6Xl6ysGHlHx+5fwmY6D36g39HaaECAwEAAaOCAYIwggF+MBIGA1Ud
EwEB/wQIMAYBAf8CAQAwHQYDVR0OBBYEFHSFgMBmx9833s+9KTeqAx2+7c0XMB8G
A1UdIwQYMBaAFE4iVCAYlebjbuYP+vq5Eu0GF485MA4GA1UdDwEB/wQEAwIBhjAd
BgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUHAwIwdgYIKwYBBQUHAQEEajBoMCQG
CCsGAQUFBzABhhhodHRwOi8vb2NzcC5kaWdpY2VydC5jb20wQAYIKwYBBQUHMAKG
NGh0dHA6Ly9jYWNlcnRzLmRpZ2ljZXJ0LmNvbS9EaWdpQ2VydEdsb2JhbFJvb3RH
Mi5jcnQwQgYDVR0fBDswOTA3oDWgM4YxaHR0cDovL2NybDMuZGlnaWNlcnQuY29t
L0RpZ2lDZXJ0R2xvYmFsUm9vdEcyLmNybDA9BgNVHSAENjA0MAsGCWCGSAGG/WwC
ATAHBgVngQwBATAIBgZngQwBAgEwCAYGZ4EMAQICMAgGBmeBDAECAzANBgkqhkiG
9w0BAQsFAAOCAQEAkPFwyyiXaZd8dP3A+iZ7U6utzWX9upwGnIrXWkOH7U1MVl+t
wcW1BSAuWdH/SvWgKtiwla3JLko716f2b4gp/DA/JIS7w7d7kwcsr4drdjPtAFVS
slme5LnQ89/nD/7d+MS5EHKBCQRfz5eeLjJ1js+aWNJXMX43AYGyZm0pGrFmCW3R
bpD0ufovARTFXFZkAdl9h6g4U5+LXUZtXMYnhIHUfoyMo5tS58aI7Dd8KvvwVVo4
chDYABPPTHPbqjc1qCmBaZx2vN4Ye5DUys/vZwP9BFohFrH/6j/f3IL16/RZkiMN
JCqVJUzKoZHm1Lesh3Sz8W2jmdv51b2EQJ8HmA==
-----END CERTIFICATE-----
---
Server certificate
subject=C = US, ST = California, L = Menlo Park, O = "Meta Platforms, Inc.", CN = *.threads.net
issuer=C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: RSA-PSS
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 3513 bytes and written 377 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_CHACHA20_POLY1305_SHA256
Server public key is 2048 bit
Secure Renegotiation IS NOT supported
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	163.70.137.63
Connect Time	8.66 ms
TTFB	383.87 ms
Total Time	383.99 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: Sat, 08 Aug 2026 10:20:15 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: cO4RGYbsi9VLm0u79CH5uH5z1nRKrbjxfAJyfj9YQG+M5eObOdWCY9Fhkhbr62fQRHM62GqdCnHjkXSnydwVKw==",
    "15": "content-length: 0",
    "16": "date: Sat, 08 Aug 2026 10:20:15 GMT",
    "17": "alt-svc: h3=\":443\"; ma=86400",
    "18": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=6, rtx=0, c=16, mss=1380, tbw=3818, tp=-1, tpl=-1, uplat=166, ullat=0",
    "20": "HTTP/2 200",
    "21": "vary: Accept-Encoding",
    "22": "set-cookie: csrftoken=wB3HZXJCuz8E12eLxp-WX4; expires=Sun, 12-Sep-2027 10:20:15 GMT; Max-Age=34560000; 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\",
coep_report=\"https://www.facebook.com/browser_reporting/coep/?minimize=0\",
default=\"https://www.threads.com/ajax/barcelona_error_reports/?device_level=unknown&brsid=7671603647929649275&comet_app_key=122&cpp=C3&cv=1044786860&st=1786184415968\",
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&brsid=7671603647929649275&comet_app_key=122&cpp=
{\"max_age\":21600,\"endpoints\":[{\"url\":\"https:\\/\\/www.threads.com\\/ajax\\/barcelona_error_reports\\/\"}],\"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-XjIr4ITi' 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 *.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 *.fbsbx.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: *.fbsbx.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 *.fbsbx.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: 87YeoNOX1kzqYbmu9CtLSUl4K22wwF/zthGlMM2L8ThABf5QsH9+vs/odaDtuhChkstvq+6EXXLeIZPYw/iIyw==",
    "45": "date: Sat, 08 Aug 2026 10:20:15 GMT",
    "46": "alt-svc: h3=\":443\"; ma=86400",
    "47": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=1, rtx=0, c=16, mss=1380, tbw=3818, tp=-1, tpl=-1, uplat=196, ullat=0"
}
```


IPv6 HTTP (port 80)

HTTP Status	200
Connected IP	2a03:2880:f27f:1cf:face:b00c:0:43fe
Connect Time	9.65 ms
TTFB	474.72 ms
Total Time	474.86 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: Sat, 08 Aug 2026 10:20:14 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: 7vE3+ANwqiGhZFX4krlyWLeTS76c2iLePevmeuuRHwsbg6kCiuiCgHNywbo0U/ijz0pXzims6EJ5kgJ5iAmCkg==",
    "15": "content-length: 0",
    "16": "date: Sat, 08 Aug 2026 10:20:14 GMT",
    "17": "alt-svc: h3=\":443\"; ma=86400",
    "18": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=1, rtx=0, c=16, mss=1380, tbw=3818, tp=-1, tpl=-1, uplat=205, ullat=0",
    "20": "HTTP/2 200",
    "21": "vary: Accept-Encoding",
    "22": "set-cookie: csrftoken=Rbrmf4ZNIHMnu6s4L6I5ff; expires=Sun, 12-Sep-2027 10:20:15 GMT; Max-Age=34560000; 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\",
coep_report=\"https://www.facebook.com/browser_reporting/coep/?minimize=0\",
default=\"https://www.threads.com/ajax/barcelona_error_reports/?device_level=unknown&brsid=7671603648542076275&comet_app_key=122&cpp=C3&cv=1044786860&st=1786184415095\",
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&brsid=7671603648542076275&comet_app_key=122&cpp=
{\"max_age\":21600,\"endpoints\":[{\"url\":\"https:\\/\\/www.threads.com\\/ajax\\/barcelona_error_reports\\/\"}],\"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-jR2cWYbL' 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 *.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 *.fbsbx.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: *.fbsbx.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 *.fbsbx.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;report-to=\"coop_report\"",
    "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: 1JFB94eyYiP0+BOcJZhlsqqxzLHwehE/mKhI7kVdgT+WAE5gZZq0xVNaGudIFIqGB2uVuyuyhlGs51GuvSodfg==",
    "45": "date: Sat, 08 Aug 2026 10:20:15 GMT",
    "46": "alt-svc: h3=\":443\"; ma=86400",
    "47": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=6, rtx=0, c=16, mss=1380, tbw=3818, tp=-1, tpl=-1, uplat=244, ullat=0"
}
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	163.70.137.63
Connect Time	4.65 ms
TTFB	385 ms
Total Time	385.14 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: qmwP0kKMR41jjxcVU+rb/wdGGui/Zpm5a4rIkvWUQDY6phz86m9kdZhJpVm7VcYOh7YBRwsI8Y1jcFRAiOlrgQ==",
    "7": "content-length: 0",
    "8": "date: Sat, 08 Aug 2026 10:20:16 GMT",
    "9": "alt-svc: h3=\":443\"; ma=86400",
    "10": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=6, rtx=0, c=16, mss=1380, tbw=3818, tp=-1, tpl=-1, uplat=177, ullat=0",
    "12": "HTTP/2 200",
    "13": "vary: Accept-Encoding",
    "14": "set-cookie: csrftoken=WgasrUloJ1m3acAlYsF64_; expires=Sun, 12-Sep-2027 10:20:16 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&brsid=7671603652657125564&comet_app_key=122&cpp=C3&cv=1044786860&st=1786184416356\",
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},
{\"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&brsid=7671603652657125564&comet_app_key=122&cpp=
{\"max_age\":21600,\"endpoints\":[{\"url\":\"https:\\/\\/www.threads.com\\/ajax\\/barcelona_error_reports\\/\"}],\"group\":\"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-AeLChxFS' 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 *.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 *.fbsbx.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: *.fbsbx.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 *.fbsbx.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=(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\"",
    "24": "cross-origin-resource-policy: same-origin",
    "25": "cross-origin-embedder-policy-report-only: require-corp;report-to=\"coep_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: VEQrQWvcVuu6hJy4KgleRuBXCgbAW+K7nBdZ5ia5R2gYeI0mlbF3vLjZ/kSNjgP1cKYbLh0w9V6qgJa0+z+a2g==",
    "37": "date: Sat, 08 Aug 2026 10:20:16 GMT",
    "38": "alt-svc: h3=\":443\"; ma=86400",
    "39": "x-fb-connection-quality: UNKNOWN; q=-1, rtt=-1, rtx=0, c=16, mss=1380, tbw=3818, tp=-1, tpl=-1, uplat=192, ullat=0"
}
```


IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2a03:2880:f27f:1cf:face:b00c:0:43fe
Connect Time	5.35 ms
TTFB	460.49 ms
Total Time	460.59 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: kDSWB9J0JfKyPzk4rcY4NK3cOGS8457Y77Uvh5O7T08Bkkrq4cworAaYFaj/d6MNgjBd92P8qulOY3bx3ace3A==",
    "7": "content-length: 0",
    "8": "date: Sat, 08 Aug 2026 10:20:15 GMT",
    "9": "alt-svc: h3=\":443\"; ma=86400",
    "10": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=6, rtx=0, c=16, mss=1380, tbw=3818, tp=-1, tpl=-1, uplat=205, ullat=0",
    "12": "HTTP/2 200",
    "13": "vary: Accept-Encoding",
    "14": "set-cookie: csrftoken=bB1V3TXWuxTguZJ8vn1jf-; expires=Sun, 12-Sep-2027 10:20:15 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&brsid=7671603648252569344&comet_app_key=122&cpp=C3&cv=1044786860&st=1786184415561\",
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},
{\"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&brsid=7671603648252569344&comet_app_key=122&cpp=
{\"max_age\":21600,\"endpoints\":[{\"url\":\"https:\\/\\/www.threads.com\\/ajax\\/barcelona_error_reports\\/\"}],\"group\":\"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-KGc9KI6h' 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 *.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 *.fbsbx.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: *.fbsbx.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 *.fbsbx.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=(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\"",
    "24": "cross-origin-resource-policy: same-origin",
    "25": "cross-origin-embedder-policy-report-only: require-corp;report-to=\"coep_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: j73df3Cn7i2kug1msLBl4fH7MRHv3p4E5Tf0f5bnN8GGQFi82r8DXbJ1COVfJOz3meZ2aK/6rPNEpW9IaTaJfA==",
    "37": "date: Sat, 08 Aug 2026 10:20:15 GMT",
```

```
    "38": "alt-svc: h3=\":443\"; ma=86400",
    "39": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=6, rtx=0, c=16, mss=1380, tbw=3818, tp=-1, tpl=-1, uplat=238, ullat=0"
}
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.001943 0.003945
TCP Connect IPv6 → port 80	301 0.001563 0.003184
TCP Connect IPv4 → port 443	301 0.002019 0.192378
TCP Connect IPv6 → port 443	301 0.002116 0.228513

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
fd7a:115c:a1e0::1136:5807 dev tailscale0 proto kernel metric 256 pref medium
fe80::/64 dev eth0 proto kernel metric 256 pref medium
fe80::/64 dev tailscale0 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
```