IPv6 Readiness Report

facebook.com — facebook.com

Scan to verify

Category: Social Media • Generated: 02 Nov 2026, 03:06 MYT • Last Checked: 08 Aug 2026, 18:20 MYT • Verification ID: f80713ae-b4ca-47ac-b09b-618d925b401f
Report generated from National IPv6 Readiness Monitor — https://ipv6.my6.my
Audit trail: https://ipv6.my6.my/audit/f80713ae-b4ca-47ac-b09b-618d925b401f

✓
Compliant
MGv6C-1.0

95%
Fully IPv6 Ready

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

IPV6 ADDRESSES
`2a03:2880:f34c:1:face:b00c::25de`

IPV4 ADDRESSES
`57.144.152.1`

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	57.141.0.0/16

Web Services (35%) — 8 / 8

#	CHECK	RESULT	DETAIL
1	**AAAA Record**	**PASS**	2a03:2880:f34c:1:face:b00c::25de
2	**Globally Routable IPv6**	**PASS**	All addresses are globally routable.
3	**HTTP over IPv6**	**PASS**	HTTP (port 80) responds over IPv6 — 699ms TTFB.
4	**HTTPS over IPv6**	**PASS**	HTTPS (port 443) responds over IPv6 — 669ms 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%) — 4 / 4

#	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: default._domainkey
7	**DMARC Record**	PASS	DMARC record found.

IPv4 Baseline (15%) — 3 / 3

#	CHECK	RESULT	DETAIL
1	**A Record**	PASS	57.144.152.1
2	**HTTP over IPv4**	PASS	HTTP (port 80) responds over IPv4 — 641ms TTFB.
3	**HTTPS over IPv4**	PASS	HTTPS (port 443) responds over IPv4 — 637ms TTFB.

Audit Trail & Evidence Record

Verification ID	f80713ae-b4ca-47ac-b09b-618d925b401f
Domain	facebook.com
Check Mode	Manual
Status	Completed
Started	08 Aug 2026, 18:19:34 MYT
Finished	08 Aug 2026, 18:20:00 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/f80713ae-b4ca-47ac-b09b-618d925b401f

Integrity Verification

✓ **INTEGRITY VERIFIED**

Algorithm	hmac-sha256-v1
Root Hash	3ac5e1baec97dddfd1b56b6b7b331d7badd1b6f777c7d97d8a51d99119a87a16
http_headers	4b69207aeba199cf5e5f1bd03bacf1fdb6141ba1d4b8ef31456fee52678c2204
dns_responses	729e93d2620dd7edf4b6904511699df875629f3aae4d71129016163d5251cbc9
tls_handshake	c8b31eeb2038a1ddf1c5dba59ad029d81852a0f7a4d0b6c7ff238ca1dcd61944
connectivity_log	3b1b727b3f3a4f5a98ffb8b6b1d9e3fa65c6b6dada5d3772cef8660fd56c5770
dns_resolution_times	a85c8710fa1f6a7e97ab1de8bed70acef3316e4b0cbc793f9b2ad48ddacb587e

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	21.37	22.86	21.58	22.03	+0.2
Google	IPv4	33.95	169.11	80.52	83.99	+46.6
Google	IPv6	30.15	34.65	91.34	98.81	+61.2
Cloudflare	IPv4	21.79	23.63	24.81	28.99	+3
Cloudflare	IPv6	28.45	29.56	21.35	30.74	-7.1

DNS Evidence

A

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 24541
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
facebook.com.□□60□IN□A□163.70.132.35
```

DS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 30492
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com.□□□892□IN□SOA□a.gtld-servers.net. nstld.verisign-grs.com. 1786184374 1800 900 604800 900
```

MX

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 9198
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
facebook.com.□□3600□IN□MX□10 smtpin.vvv.facebook.com.
```

NS

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 36711
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 9

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
facebook.com.□□59079□IN□NS□d.ns.facebook.com.
facebook.com.□□59079□IN□NS□c.ns.facebook.com.
facebook.com.□□59079□IN□NS□b.ns.facebook.com.
facebook.com.□□59079□IN□NS□a.ns.facebook.com.
```

TXT

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 24993
;; flags: qr rd ra; QUERY: 1, ANSWER: 6, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
facebook.com.□□7200□IN□TXT□"google-site-verification=wdH5DTJTc9AYNwVunSVFeK0hYDGUIEOGb-RReU6pJlY"
facebook.com.□□86400□IN□TXT□"v=spf1 redirect=_spf.facebook.com"
facebook.com.□□3600□IN□TXT□"facebook-domain-verification=y7isfmi3kzyg1r4wophh9vyb6pgbda"
facebook.com.□□7200□IN□TXT□"google-site-verification=sK6uY9x7eaMoEMfn3OILqwTFYgaNp4llmguKI-C3_iA"
facebook.com.□□7200□IN□TXT□"google-site-verification=A2WZWCNQHrGV_TWwKh6KHY90tY0SHZo_RnyMJoDaG0s"
facebook.com.□□3600□IN□TXT□"zoom-domain-verification=4b2ef4e1-6dee-4483-9869-9bef353fd147"
```

AAAA

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 14560
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
facebook.com.□□60□IN□AAAA□2a03:2880:f17f:82:face:b00c:0:25de
```

RRSIG

```
a.ns.facebook.com. dns.facebook.com. 4207849484 14400 1800 604800 300
```

DNSKEY

```
;; Got answer:
;; ->>HEADER<<- opcode: QUERY, status: NOERROR, id: 33726
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
facebook.com.□□281□IN□SOA□a.ns.facebook.com. dns.facebook.com. 4207849484 14400 1800 604800 300
```

DNSSEC_VALIDATION

```
; unsigned answer
facebook.com.□□3581□IN□SOA□a.ns.facebook.com. dns.facebook.com. 4207849484 14400 1800 604800 300
```

TLS Handshake Evidence

IPV4 Connection

IP Used	57.144.152.1
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 = *.facebook.com
verify return:1
CONNECTED(00000010)
---
Certificate chain
 0 s:C = US, ST = California, L = Menlo Park, O = "Meta Platforms, Inc.", CN = *.facebook.com
   i:C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
   a:PKEY: id-ecPublicKey, 256 (bit); sigalg: RSA-SHA256
   v:NotBefore: May 17 00:00:00 2026 GMT; NotAfter: Aug 15 23:59:59 2026 GMT
-----BEGIN CERTIFICATE-----
MIIGpTCCBY2gAwIBAgIQDPL1bAj5sNl6QQfYtEZ7jTANBgkqhkiG9w0BAQsFADBZ
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMTMwMQYDVQQDEypE
aWdpQ2VydCBHbG9iYWwgRzIgVExTIFJTQSBTSEEyNTYgMjAyMCBDQTEwHhcNMjYw
NTE3MDAwMDAwWhcNMjYwODE1MjM1OTU5WjBvMQswCQYDVQQGEwJVUzETMBEGA1UE
CBMKQ2FsaWZvcm5pYTETMBEGA1UEBxMKTWVubG8gUGFyazEdMBsGA1UEChMUTWV0
YSBQbGF0Zm9ybXMsIEluYy4xFzAVBgNVBAMMDiouZmFjZWJvb2suY29tMFkwEwYH
KoZIzj0CAQYIKoZIzj0DAQcDQgAEr90ccf2DX6ViKJi+KJSXRmU3cN5hdZsEic/f
OdxpG07EbqR32r8byZSnDWD8IkLERjyYEhQV+entl9GqZAxREaOCBBwwggQYMB8G
A1UdIwQYMBaAFHSFgMBmx9833s+9KTeqAx2+7c0XMB0GA1UdDgQWBBTYv1XvC6RO
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YWNlYm9vay5uZXSCCyouZmJjZG4ubmV0ggsqLmZic2J4LmNvbYIQKi5tLmZhY2Vi
b29rLmNvbYIPKi5tZXNzZW5nZXIuY29tgg4qLnh4LmZiY2RuLm5ldIIOKi54eS5m
YmNkbi5uZXSCDioueHouZmJjZG4ubmV0ggxmYWNlYm9vay5jb22CDW1lc3Nlbmdl
ci5jb20wPgYDVR0gBDcwNTAzBgZngQwBAgIwKTAnBggrBgEFBQcCARYbaHR0cDov
L3d3dy5kaWdpY2VydC5jb20vQ1BTMA4GA1UdDwEB/wQEAwIDiDATBgNVHSUEDDAK
BggrBgEFBQcDATCBnwYDVR0fBIGXMIGUMEigRqBEhkJodHRwOi8vY3JsMy5kaWdp
Y2VydC5jb20vRGlnaUNlcnRHbG9iYWxHMlRMU1JTQVNIQTI1NjIwMjBDQTEtMS5j
cmwwSKBGoESGQmh0dHA6Ly9jcmw0LmRpZ2ljZXJ0LmNvbS9EaWdpQ2VydEdsb2Jh
bEcyVExTUlNBU0hBMjU2MjAyMENBMS0xLmNybDCBhwYIKwYBBQUHAQEEezB5MCQG
CCsGAQUFBzABhhhodHRwOi8vb2NzcC5kaWdpY2VydC5jb20wUQYIKwYBBQUHMAKG
RWh0dHA6Ly9jYWNlcnRzLmRpZ2ljZXJ0LmNvbS9EaWdpQ2VydEdsb2JhbEcyVExT
UlNBU0hBMjU2MjAyMENBMS0xLmNydDAMBgNVHRMBAf8EAjAAMIIBfQYKKwYBBAHW
eQIEAgSCAW0EggFpAWcAdgDCMX5XRRmjRe5/ON6ykEHrx8IhWiK/f9W1rXaa2Q5S
zQAAAZ4zbtBVAAAEAwBHMEUCIGw4OpX2TSqhA16XwEu77rRioRFZEeMot5vNEm9S
k1IbAiEAnZDYi6Jg299h9w24L/S1AEZWtw78kM1rzbU/Q7DBie8AdgDXbX0Q0af1
d8LH6V/XAL/5gskzWmXh0LMBcxfAyMVpdwAAAZ4zbtBEAAAEAwBHMEUCIE+Ico+a
FQdY7EYJRx+s0K81A3vWdKBmzDwrVIGDOvSyAiEAzbsJ0h1vylxRHZcxxEzT5cAZ
FDn0hY5ZIv2ZLfaKDqIAdQCUTkOH+uzB74HzGSQmqBhlAcfTXzgCAT9yZ31VNy4Z
2AAAAZ4zbtBhAAAEAwBGMEQCIBFUNLu/Ts2RryWPwIdqiqNr7jjuYDhk28fBhSng
KbdsAiAnMmW8lNfKa86GfvTtfiOfxUJE/f+DR22WGjbhVOeizDANBgkqhkiG9w0B
AQsFAAOCAQEAbwYJVJ3mrFJrX4GmH7/FlpBrFwkB7HhcF0qqqFbURpn9DXK2m4Zh
dzQ2hrDbVB2SkvkPW5LVTo9bPCgrwJmXVw/ZypC8VhvnKRqtcVkbVLJZ3MYJmct5
9H5Zvq/1Bkqle8tcuhVS3sowL14l2pLAeMx+PHW5QZApEg+6CnrAdzTHRcAuBjMZ
5s+vh1KtAwD2DR+NWLTtO8Cf3lvy0mWOAzTWUOEKeXCVHVOpAC4iwsB2nQ1XW3Ol
0utCARKyqe7nTTcWXJ2BrDDTUtb7BbhhhUdG0J5MITyJJAJWiHNVeFftFVgJcTtN
f3E9jjTUKXdbIhFL6YdhX/j4ypHZD+LWqA==
-----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 = *.facebook.com
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: ECDSA
Server Temp Key: X25519, 253 bits

SSL handshake has read 3271 bytes and written 378 bytes
Verification: OK

New, TLSv1.3, Cipher is TLS_CHACHA20_POLY1305_SHA256
Server public key is 256 bit
Secure Renegotiation IS NOT supported
Compression: NONE

IPV6 Connection

IP Used	2a03:2880:f34c:1:face:b00c::25de
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 = *.facebook.com
verify return:1
CONNECTED(00000010)

Certificate chain
 0 s:C = US, ST = California, L = Menlo Park, O = "Meta Platforms, Inc.", CN = *.facebook.com
   i:C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1
   a:PKEY: id-ecPublicKey, 256 (bit); sigalg: RSA-SHA256
   v:NotBefore: May 17 00:00:00 2026 GMT; NotAfter: Aug 15 23:59:59 2026 GMT
-----BEGIN CERTIFICATE-----
MIIGpTCCBY2gAwIBAgIQDPL1bAj5sNl6QQfYtEZ7jTANBgkqhkiG9w0BAQsFADBZ
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMTMwMQYDVQQDEypE
aWdpQ2VydCBHbG9iYWwgRzIgVExTIFJTQSBTSEEyNTYgMjAyMCBDQTEwHhcNMjYw
NTE3MDAwMDAwWhcNMjYwODE1MjM1OTU5WjBvMQswCQYDVQQGEwJVUzETMBEGA1UE
CBMKQ2FsaWZvcm5pYTETMBEGA1UEBxMKTWVubG8gUGFyazEdMBsGA1UEChMUTWV0
YSBQbGF0Zm9ybXMsIEluYy4xFzAVBgNVBAMMDiouZmFjZWJvb2suY29tMFkwEwYH
KoZIzj0CAQYIKoZIzj0DAQcDQgAEr90ccf2DX6ViKJi+KJSXRmU3cN5hdZsEic/f
OdxpG07EbqR32r8byZSnDWD8IkLERjyYEhQV+entl9GqZAxREaOCBBwwggQYMB8G
A1UdIwQYMBaAFHSFgMBmx9833s+9KTeqAx2+7c0XMB0GA1UdDgQWBBTYv1XvC6RO
xjYvn5UMuzeP7lV0ODCBtQYDVR0RBIGtMIGqgg4qLmZhY2Vib29rLmNvbYIOKi5m
YWNlYm9vay5uZXSCCyouZmJjZG4ubmV0ggsqLmZic2J4LmNvbYIQKi5tLmZhY2Vi
b29rLmNvbYIPKi5tZXNzZW5nZXIuY29tgg4qLnh4LmZiY2RuLm5ldIIOKi54eS5m
YmNkbi5uZXSCDioueHouZmJjZG4ubmV0ggxmYWNlYm9vay5jb22CDW1lc3Nlbmdl
ci5jb20wPgYDVR0gBDcwNTAzBgZngQwBAgIwKTAnBggrBgEFBQcCARYbaHR0cDov
L3d3dy5kaWdpY2VydC5jb20vQ1BTMA4GA1UdDwEB/wQEAwIDiDATBgNVHSUEDDAK
BggrBgEFBQcDATCBnwYDVR0fBIGXMIGUMEigRqBEhkJodHRwOi8vY3JsMy5kaWdp
Y2VydC5jb20vRGlnaUNlcnRHbG9iYWxHMlRMU1JTQVNIQTI1NjIwMjBDQTEtMS5j
cmwwSKBGoESGQmh0dHA6Ly9jcmw0LmRpZ2ljZXJ0LmNvbS9EaWdpQ2VydEdsb2Jh
bEcyVExTUlNBU0hBMjU2MjAyMENBMS0xLmNybDCBhwYIKwYBBQUHAQEEezB5MCQG
CCsGAQUFBzABhhhodHRwOi8vb2NzcC5kaWdpY2VydC5jb20wUQYIKwYBBQUHMAKG
RWh0dHA6Ly9jYWNlcnRzLmRpZ2ljZXJ0LmNvbS9EaWdpQ2VydEdsb2JhbEcyVExT
UlNBU0hBMjU2MjAyMENBMS0xLmNydDAMBgNVHRMBAf8EAjAAMIIBfQYKKwYBBAHW
eQIEAgSCAW0EggFpAWcAdgDCMX5XRRmjRe5/ON6ykEHrx8IhWiK/f9W1rXaa2Q5S
zQAAAZ4zbtBVAAAEAwBHMEUCIGw4OpX2TSqhA16XwEu77rRioRFZEeMot5vNEm9S
k1IbAiEAnZDYi6Jg299h9w24L/S1AEZWtw78kM1rzbU/Q7DBie8AdgDXbX0Q0af1
d8LH6V/XAL/5gskzWmXh0LMBcxfAyMVpdwAAAZ4zbtBEAAAEAwBHMEUCIE+Ico+a
FQdY7EYJRx+s0K81A3vWdKBmzDwrVIGDOvSyAiEAzbsJ0h1vylxRHZcxxEzT5cAZ
FDn0hY5ZIv2ZLfaKDqIAdQCUTkOH+uzB74HzGSQmqBhlAcfTXzgCAT9yZ31VNy4Z
2AAAAZ4zbtBhAAAEAwBGMEQCIBFUNLu/Ts2RryWPwIdqiqNr7jjuYDhk28fBhSng
KbdsAiAnMmW8lNfKa86GfvTtfiOfxUJE/f+DR22WGjbhVOeizDANBgkqhkiG9w0B
AQsFAAOCAQEAbwYJVJ3mrFJrX4GmH7/FlpBrFwkB7HhcF0qqqFbURpn9DXK2m4Zh

```
dzQ2hrDbVB2SkvkPW5LVTo9bPCgrwJmXVw/ZypC8VhvnKRqtcVkbVLJZ3MYJmct5
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5s+vh1KtAwD2DR+NWLTtO8Cf3lvy0mWOAzTWUOEKeXCVHVOpAC4iwsB2nQ1XW3Ol
0utCARKyqe7nTTcWXJ2BrDDTUtb7BbhhhUdG0J5MITyJJAJWiHNVeFftFVgJcTtN
f3E9jjTUKXdbIhFL6YdhX/j4ypHZD+LWqA==
-----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
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cNsSAPonCrVXOFt9slGTcZUOakGUWzUb+nv6u8W+JDD+Vu/E832X4xT1FE3LpxDy
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3kbW20X+fSP9kOhRBx5Ro1/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
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chDYABPPTHPbqjc1qCmBaZx2vN4Ye5DUys/vZwP9BFohFrH/6j/f3IL16/RZkiMN
JCqVJUzKoZHm1Lesh3Sz8W2jmdv51b2EQJ8HmA==
-----END CERTIFICATE-----
---
Server certificate
subject=C = US, ST = California, L = Menlo Park, O = "Meta Platforms, Inc.", CN = *.facebook.com
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: ECDSA
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 3272 bytes and written 378 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_CHACHA20_POLY1305_SHA256
Server public key is 256 bit
Secure Renegotiation IS NOT supported
Compression: NONE
```

HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	163.70.137.35
Connect Time	15.24 ms
TTFB	684.64 ms
Total Time	684.8 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Location: https://facebook.com/",
    "2": "Content-Type: text/plain",
    "3": "Server: proxygen-bolt",
    "4": "Date: Sat, 08 Aug 2026 10:19:58 GMT",
    "5": "Connection: keep-alive",
    "6": "Content-Length: 0",
    "8": "HTTP/2 301",
    "9": "location: https://www.facebook.com/",
    "10": "strict-transport-security: max-age=15552000; preload",
    "11": "content-type: text/html; charset=\"utf-8\"",
    "12": "x-fb-debug: Aluw+pL0SOkydVBoh9bsLB6FT+aVYp+XB69UONLTIbfKIPW/hzBdXq/4idMF18x3mZWJAJ3j1+HM9jQY2JKXzQ==",
    "13": "content-length: 0",
    "14": "date: Sat, 08 Aug 2026 10:19:59 GMT",
    "15": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=1, rtx=0, c=10, mss=1380, tbw=3578, tp=-1, tpl=-1, uplat=178, ullat=0",
    "16": "alt-svc: h3=\":443\"; ma=86400",
    "18": "HTTP/2 302",
    "19": "location: https://www.facebook.com/unsupportedbrowser",
    "20": "strict-transport-security: max-age=15552000; preload",
    "21": "content-type: text/html; charset=\"utf-8\"",
    "22": "x-fb-debug: t25vWhnOTx27SYiHfuS6z+YZdT+Pc9y6VQSgBBobku5fnNwCamQmylf5nVu4DTezEr4RJDInQqw3lsZbsHR0DA==",
    "23": "content-length: 0",
    "24": "date: Sat, 08 Aug 2026 10:19:59 GMT",
    "25": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=1, rtx=0, c=10, mss=1380, tbw=3577, tp=-1, tpl=-1, uplat=193, ullat=0",
    "26": "alt-svc: h3=\":443\"; ma=86400",
    "27": "server-timing: slb_crtt;dur=1,slb_srtt;dur=-1,slb_req_start;dur=1786184399197226,slb_srv_hdr_rcvd;dur=193275,slb_cli_body_rcvd_first;dur=-
1,slb_cli_body_rcvd_last;dur=-1,slb_conn_lat;dur=0,slb_ssl;dur=343,slb_rule_lat;dur=0",
    "29": "HTTP/2 200",
    "30": "vary: Accept-Encoding",
    "31": "reporting-endpoints: coop_report=\"https://www.facebook.com/browser_reporting/coop/?minimize=0\",
default=\"https://www.facebook.com/ajax/browser_error_reports/?device_level=unknown&brsid=7671603580264067241&cpp=C3&cv=1044788042&st=1786184399506\",
permissions_policy=\"https://www.facebook.com/ajax/browser_error_reports/\"",
    "32": "report-to:
{\"max_age\":2592000,\"endpoints\":[{\"url\":\"https:\\/\\/www.facebook.com\\/browser_reporting\\/coop\\/?minimize=0\"}],\"group\":\"coop_report\",\"include_subdomains\":true},
{\"max_age\":259200,\"endpoints\":[{\"url\":\"https:\\/\\/www.facebook.com\\/ajax\\/browser_error_reports\\/?device_level=unknown&brsid=7671603580264067241&cpp=C3&cv=1044788042&st
{\"max_age\":21600,\"endpoints\":[{\"url\":\"https:\\/\\/www.facebook.com\\/ajax\\/browser_error_reports\\/\"}],\"group\":\"permissions_policy\"}",
    "33": "content-security-policy: default-src blob: 'self' https://*.fbsbx.com *.facebook.com *.fbcdn.net *.facebook.net *.whatsapp.com *.whatsapp.net;script-src
*.facebook.com *.fbcdn.net *.facebook.net 127.0.0.1:* 'nonce-qO2cc2KU' blob: 'self' connect.facebook.net 'unsafe-eval' https://accounts.google.com https://*.google-
analytics.com *.google.com;style-src *.fbcdn.net data: *.facebook.com 'unsafe-inline' https://accounts.google.com https://fonts.googleapis.com;connect-src
*.facebook.com facebook.com *.fbcdn.net *.facebook.net wss://*.facebook.com:* wss://*.whatsapp.com:* wss://*.fbcdn.net attachment.fbsbx.com ws://localhost:* blob:
*.cdninstagram.com 'self' http://localhost:3103 wss://gateway.facebook.com wss://edge-chat.facebook.com wss://snaptu-d.facebook.com wss://kaios-d.facebook.com/
v.whatsapp.net *.fbsbx.com *.fb.com *.instagram.com *.ipification.com https://accounts.google.com https://*.google-analytics.com;font-src data: *.facebook.com
*.fbcdn.net *.fbsbx.com https://fonts.gstatic.com;img-src *.fbcdn.net *.facebook.com data: https://*.fbsbx.com facebook.com *.cdninstagram.com fbsbx.com fbcdn.net
connect.facebook.net blob: android-webview-video-poster: *.whatsapp.net *.fb.com *.oculuscdn.com *.tenor.co *.tenor.com *.giphy.com https://trustly.one/
https://*.trustly.one/ https://paywithmybank.com/ https://*.paywithmybank.com/ https://www.googleadservices.com https://googleads.g.doubleclick.net https://*.google-
analytics.com;media-src *.cdninstagram.com blob: *.fbcdn.net *.fbsbx.com www.facebook.com *.facebook.com data: *.tenor.co *.tenor.com https://*.giphy.com;child-src
data: blob: 'self' https://*.fbsbx.com *.facebook.com *.fbcdn.net;frame-src *.facebook.com *.fbsbx.com fbsbx.com data: www.instagram.com *.fbcdn.net
accounts.meta.com *.accounts.meta.com *.ipification.com https://trustly.one/ https://*.trustly.one/ https://paywithmybank.com/ https://*.paywithmybank.com/
https://www.googleadservices.com https://googleads.g.doubleclick.net https://www.google.com https://td.doubleclick.net *.google.com *.doubleclick.net;manifest-src
data: blob: 'self' https://*.fbsbx.com *.facebook.com *.fbcdn.net;object-src data: blob: 'self' https://*.fbsbx.com *.facebook.com *.fbcdn.net;worker-src blob:
*.facebook.com data:;block-all-mixed-content;upgrade-insecure-requests;",
    "34": "x-frame-options: DENY",
    "35": "document-policy: force-load-at-top",
    "36": "document-policy: include-js-call-stacks-in-crash-reports",
    "37": "permissions-policy: accelerometer=(), attribution-reporting=(self), autoplay=(), bluetooth=(), browsing-topics=(self), camera=(self
\"https://www.fbsbx.com\"), 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=(self), clipboard-write=(self), compute-pressure=(), display-capture=(self), encrypted-media=(self),
fullscreen=(self), gamepad=*, geolocation=(self), gyroscope=(), hid=(), idle-detection=(), interest-cohort=(self), keyboard-map=(), local-fonts=(), magnetometer=(),
microphone=(self), midi=(), otp-credentials=(), payment=(), picture-in-picture=(self), private-state-token-issuance=(), publickey-credentials-get=(self), screen-
wake-lock=(), serial=(), shared-storage=(), shared-storage-select-url=(), private-state-token-redemption=(), usb=(), unload=(self), window-management=(), xr-spatial-
tracking=(self);report-to=\"permissions_policy\"",
    "38": "cross-origin-resource-policy: same-origin",
    "39": "cross-origin-opener-policy: same-origin-allow-popups",
    "40": "pragma: no-cache",
```

```
    "41": "cache-control: private, no-cache, no-store, must-revalidate",
    "42": "expires: Sat, 01 Jan 2000 00:00:00 GMT",
    "43": "x-content-type-options: nosniff",
    "44": "x-xss-protection: 0",
    "45": "origin-agent-cluster: ?1",
    "46": "strict-transport-security: max-age=15552000; preload",
    "47": "content-type: text/html; charset=\"utf-8\"",
    "48": "x-fb-debug: pVh7fJEOObip+2d7UE23mTa0BfCNnljvAzJbhn0qU7N+7lBM+Nb6wFjrSaNADV0du2x7il+u1qdPuodBJBvgJw==",
    "49": "date: Sat, 08 Aug 2026 10:19:59 GMT",
    "50": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=6, rtx=0, c=10, mss=1380, tbw=4124, tp=-1, tpl=-1, uplat=275, ullat=0",
    "51": "alt-svc: h3=\":443\"; ma=86400",
    "52": "server-timing: slb_crtt;dur=6,slb_srtt;dur=-1,slb_req_start;dur=1786184399392213,slb_srv_hdr_rcvd;dur=275630,slb_cli_body_rcvd_first;dur=-
1,slb_cli_body_rcvd_last;dur=-1,slb_conn_lat;dur=0,slb_ssl;dur=343,slb_rule_lat;dur=0"
}
```


IPv6 HTTP (port 80)

HTTP Status	200
Connected IP	2a03:2880:f17f:181:face:b00c:0:25de
Connect Time	19.69 ms
TTFB	692.62 ms
Total Time	692.83 ms

Response Headers:


```
{
    "0": "HTTP/1.1 301 Moved Permanently",
    "1": "Location: https://facebook.com/",
    "2": "Content-Type: text/plain",
    "3": "Server: proxygen-bolt",
    "4": "Date: Sat, 08 Aug 2026 10:19:57 GMT",
    "5": "Connection: keep-alive",
    "6": "Content-Length: 0",
    "8": "HTTP/2 301",
    "9": "location: https://www.facebook.com/",
    "10": "strict-transport-security: max-age=15552000; preload",
    "11": "content-type: text/html; charset=\"utf-8\"",
    "12": "x-fb-debug: jT6KFrEELHcmmnv0D0rcm8YSHsAU89tbYH7L5nw+d2S/lLJiWp9MQNHo9yIr+FVxto1CkyDv4Zuf5Dym6RGlVg==",
    "13": "content-length: 0",
    "14": "date: Sat, 08 Aug 2026 10:19:57 GMT",
    "15": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=7, rtx=0, c=10, mss=1380, tbw=3576, tp=-1, tpl=-1, uplat=197, ullat=0",
    "16": "alt-svc: h3=\":443\"; ma=86400",
    "18": "HTTP/2 302",
    "19": "location: https://www.facebook.com/unsupportedbrowser",
    "20": "strict-transport-security: max-age=15552000; preload",
    "21": "content-type: text/html; charset=\"utf-8\"",
    "22": "x-fb-debug: swo03ztIM+bd7QlOG8oCOZ7mGgaqrBViiESLE/kjmmm+zNg9Wv9XMExuP5fkvaiisZ2YStn/s26If47EwxJLng==",
    "23": "content-length: 0",
    "24": "date: Sat, 08 Aug 2026 10:19:57 GMT",
    "25": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=6, rtx=0, c=10, mss=1380, tbw=3577, tp=-1, tpl=-1, uplat=204, ullat=0",
    "26": "alt-svc: h3=\":443\"; ma=86400",
    "27": "server-timing: slb_crtt;dur=6,slb_srtt;dur=-1,slb_req_start;dur=1786184397844260,slb_srv_hdr_rcvd;dur=204543,slb_cli_body_rcvd_first;dur=-
1,slb_cli_body_rcvd_last;dur=-1,slb_conn_lat;dur=0,slb_ssl;dur=395,slb_rule_lat;dur=0",
    "29": "HTTP/2 200",
    "30": "vary: Accept-Encoding",
    "31": "reporting-endpoints: coop_report=\"https://www.facebook.com/browser_reporting/coop/?minimize=0\",
default=\"https://www.facebook.com/ajax/browser_error_reports/?device_level=unknown&brsid=7671603575414398407&cpp=C3&cv=1044788042&st=1786184398161\",
permissions_policy=\"https://www.facebook.com/ajax/browser_error_reports/\"",
    "32": "report-to:
{\"max_age\":2592000,\"endpoints\":[{\"url\":\"https:\\/\\/www.facebook.com\\/browser_reporting\\/coop\\/?minimize=0\"}],\"group\":\"coop_report\",\"include_subdomains\":true},
{\"max_age\":259200,\"endpoints\":[{\"url\":\"https:\\/\\/www.facebook.com\\/ajax\\/browser_error_reports\\/?device_level=unknown&brsid=7671603575414398407&cpp=C3&cv=1044788042&s
{\"max_age\":21600,\"endpoints\":[{\"url\":\"https:\\/\\/www.facebook.com\\/ajax\\/browser_error_reports\\/\"}],\"group\":\"permissions_policy\"}",
    "33": "content-security-policy: default-src blob: 'self' https://*.fbsbx.com *.facebook.com *.fbcdn.net *.facebook.net *.whatsapp.com *.whatsapp.net;script-src
*.facebook.com *.fbcdn.net *.facebook.net 127.0.0.1:* 'nonce-4GxxESRW' blob: 'self' connect.facebook.net 'unsafe-eval' https://accounts.google.com https://*.google-
analytics.com *.google.com;style-src *.fbcdn.net data: *.facebook.com 'unsafe-inline' https://accounts.google.com https://fonts.googleapis.com;connect-src
*.facebook.com facebook.com *.fbcdn.net *.facebook.net wss://*.facebook.com:* wss://*.whatsapp.com:* wss://*.fbcdn.net attachment.fbsbx.com ws://localhost:* blob:
*.cdninstagram.com 'self' http://localhost:3103 wss://gateway.facebook.com wss://edge-chat.facebook.com wss://snaptu-d.facebook.com wss://kaios-d.facebook.com/
v.whatsapp.net *.fbsbx.com *.fb.com *.instagram.com *.ipification.com https://accounts.google.com https://*.google-analytics.com;font-src data: *.facebook.com
*.fbcdn.net *.fbsbx.com https://fonts.gstatic.com;img-src *.fbcdn.net *.facebook.com data: https://*.fbsbx.com facebook.com *.cdninstagram.com fbsbx.com fbcdn.net
connect.facebook.net blob: android-webview-video-poster: *.whatsapp.net *.fb.com *.oculuscdn.com *.tenor.co *.tenor.com *.giphy.com https://trustly.one/
https://*.trustly.one/ https://paywithmybank.com/ https://*.paywithmybank.com/ https://www.googleadservices.com https://googleads.g.doubleclick.net https://*.google-
analytics.com;media-src *.cdninstagram.com blob: *.fbcdn.net *.fbsbx.com www.facebook.com *.facebook.com data: *.tenor.co *.tenor.com https://*.giphy.com;child-src
data: blob: 'self' https://*.fbsbx.com *.facebook.com *.fbcdn.net;frame-src *.facebook.com *.fbsbx.com fbsbx.com data: www.instagram.com *.fbcdn.net
accounts.meta.com *.accounts.meta.com *.ipification.com https://trustly.one/ https://*.trustly.one/ https://paywithmybank.com/ https://*.paywithmybank.com/
https://www.googleadservices.com https://googleads.g.doubleclick.net https://www.google.com https://td.doubleclick.net *.google.com *.doubleclick.net;manifest-src
data: blob: 'self' https://*.fbsbx.com *.facebook.com *.fbcdn.net;object-src data: blob: 'self' https://*.fbsbx.com *.facebook.com *.fbcdn.net;worker-src blob:
*.facebook.com data:;block-all-mixed-content;upgrade-insecure-requests;",
```

```
    "34": "x-frame-options: DENY",
    "35": "document-policy: force-load-at-top",
    "36": "document-policy: include-js-call-stacks-in-crash-reports",
    "37": "permissions-policy: accelerometer=(), attribution-reporting=(self), autoplay=(), bluetooth=(), browsing-topics=(self), camera=(self
\"https://www.fbsbx.com\"), 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=(self), clipboard-write=(self), compute-pressure=(), display-capture=(self), encrypted-media=(self),
fullscreen=(self), gamepad=*, geolocation=(self), gyroscope=(), hid=(), idle-detection=(), interest-cohort=(self), keyboard-map=(), local-fonts=(), magnetometer=(),
microphone=(self), midi=(), otp-credentials=(), payment=(), picture-in-picture=(self), private-state-token-issuance=(), publickey-credentials-get=(self), screen-
wake-lock=(), serial=(), shared-storage=(), shared-storage-select-url=(), private-state-token-redemption=(), usb=(), unload=(self), window-management=(), xr-spatial-
tracking=(self);report-to=\"permissions_policy\"",
    "38": "cross-origin-resource-policy: same-origin",
    "39": "cross-origin-opener-policy: same-origin-allow-popups",
    "40": "pragma: no-cache",
    "41": "cache-control: private, no-cache, no-store, must-revalidate",
    "42": "expires: Sat, 01 Jan 2000 00:00:00 GMT",
    "43": "x-content-type-options: nosniff",
    "44": "x-xss-protection: 0",
    "45": "origin-agent-cluster: ?1",
    "46": "strict-transport-security: max-age=15552000; preload",
    "47": "content-type: text/html; charset=\"utf-8\"",
    "48": "x-fb-debug: EsRixNd5Klv6R4O62Jd9SCrhJEqbD8DuANYQG+KBZpibfc6bh7dBsaTFwIabYJ6Hz23E5fbVCDw44QtBJjG6xA==",
    "49": "date: Sat, 08 Aug 2026 10:19:58 GMT",
    "50": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=10, rtx=0, c=10, mss=1380, tbw=4124, tp=-1, tpl=-1, uplat=238, ullat=0",
    "51": "alt-svc: h3=\":443\"; ma=86400",
    "52": "server-timing: slb_crtt;dur=10,slb_srtt;dur=-1,slb_req_start;dur=1786184398051083,slb_srv_hdr_rcvd;dur=238469,slb_cli_body_rcvd_first;dur=-
1,slb_cli_body_rcvd_last;dur=-1,slb_conn_lat;dur=0,slb_ssl;dur=397,slb_rule_lat;dur=0"
}
```


IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	163.70.137.35
Connect Time	11.94 ms
TTFB	636.41 ms
Total Time	636.58 ms

Response Headers:


```
{
    "0": "HTTP/2 301",
    "1": "location: https://www.facebook.com/",
    "2": "strict-transport-security: max-age=15552000; preload",
    "3": "content-type: text/html; charset=\"utf-8\"",
    "4": "x-fb-debug: dcCYaa7dSYUqTAb3JTeibNfiT49MGWt3ki3lJJoOGkEI9raRCazZO68jfw8Y0LzdlJL//Tf/uJUtt0DjLuibbg==",
    "5": "content-length: 0",
    "6": "date: Sat, 08 Aug 2026 10:19:59 GMT",
    "7": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=12, rtx=0, c=10, mss=1380, tbw=3578, tp=-1, tpl=-1, uplat=174, ullat=0",
    "8": "alt-svc: h3=\":443\"; ma=86400",
    "10": "HTTP/2 302",
    "11": "location: https://www.facebook.com/unsupportedbrowser",
    "12": "strict-transport-security: max-age=15552000; preload",
    "13": "content-type: text/html; charset=\"utf-8\"",
    "14": "x-fb-debug: 5e/yp1WvVD9/u7qwQ9rpRoZ0L0HaHSOtjA+pjBmkjmFAyeros2uJpvLGuLjpLbJTMGl90LMt/+Ip4ZFlu0Dfew==",
    "15": "content-length: 0",
    "16": "date: Sat, 08 Aug 2026 10:19:59 GMT",
    "17": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=1, rtx=0, c=10, mss=1380, tbw=3600, tp=-1, tpl=-1, uplat=178, ullat=0",
    "18": "alt-svc: h3=\":443\"; ma=86400",
    "19": "server-timing: slb_crtt;dur=1,slb_srtt;dur=-1,slb_req_start;dur=1786184399881660,slb_srv_hdr_rcvd;dur=178323,slb_cli_body_rcvd_first;dur=-
1,slb_cli_body_rcvd_last;dur=-1,slb_conn_lat;dur=0,slb_ssl;dur=342,slb_rule_lat;dur=0",
    "21": "HTTP/2 200",
    "22": "vary: Accept-Encoding",
    "23": "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.facebook.com/ajax/browser_error_reports/?device_level=unknown&brsid=7671603583159940648&cpp=C3&cv=1044788042&st=1786184400173\",
permissions_policy=\"https://www.facebook.com/ajax/browser_error_reports/\"",
    "24": "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.facebook.com\\/ajax\\/browser_error_reports\\/?device_level=unknown&brsid=7671603583159940648&cpp=C3&cv=1044788042&st
{\"max_age\":21600,\"endpoints\":[{\"url\":\"https:\\/\\/www.facebook.com\\/ajax\\/browser_error_reports\\/\"}],\"group\":\"permissions_policy\"}",
    "25": "content-security-policy: default-src blob: 'self' https://*.fbsbx.com *.facebook.com *.fbcdn.net *.facebook.net *.whatsapp.com *.whatsapp.net;script-src
*.facebook.com *.fbcdn.net *.facebook.net 127.0.0.1:* 'nonce-DukAJrct' blob: 'self' connect.facebook.net 'unsafe-eval' https://accounts.google.com https://*.google-
analytics.com *.google.com;style-src *.fbcdn.net data: *.facebook.com 'unsafe-inline' https://accounts.google.com https://fonts.googleapis.com;connect-src
*.facebook.com facebook.com *.fbcdn.net *.facebook.net wss://*.facebook.com:* wss://*.whatsapp.com:* wss://*.fbcdn.net attachment.fbsbx.com ws://localhost:* blob:
*.cdninstagram.com 'self' http://localhost:3103 wss://gateway.facebook.com wss://edge-chat.facebook.com wss://snaptu-d.facebook.com wss://kaios-d.facebook.com/
v.whatsapp.net *.fbsbx.com *.fb.com *.instagram.com *.ipification.com https://accounts.google.com https://*.google-analytics.com;font-src data: *.facebook.com
*.fbcdn.net *.fbsbx.com https://fonts.gstatic.com;img-src *.fbcdn.net *.facebook.com data: https://*.fbsbx.com facebook.com *.cdninstagram.com fbsbx.com fbcdn.net
```

```
connect.facebook.net blob: android-webview-video-poster: *.whatsapp.net *.fb.com *.oculuscdn.com *.tenor.co *.tenor.com *.giphy.com https://trustly.one/
https://*.trustly.one/ https://paywithmybank.com/ https://*.paywithmybank.com/ https://www.googleadservices.com https://googleads.g.doubleclick.net https://*.google-
analytics.com;media-src *.cdninstagram.com blob: *.fbcdn.net *.fbsbx.com www.facebook.com *.facebook.com data: *.tenor.co *.tenor.com https://*.giphy.com;child-src
data: blob: 'self' https://*.fbsbx.com *.facebook.com *.fbcdn.net;frame-src *.facebook.com *.fbsbx.com fbsbx.com data: www.instagram.com *.fbcdn.net
accounts.meta.com *.accounts.meta.com *.ipification.com https://trustly.one/ https://*.trustly.one/ https://paywithmybank.com/ https://*.paywithmybank.com/
https://www.googleadservices.com https://googleads.g.doubleclick.net https://www.google.com https://td.doubleclick.net *.google.com *.doubleclick.net;manifest-src
data: blob: 'self' https://*.fbsbx.com *.facebook.com *.fbcdn.net;object-src data: blob: 'self' https://*.fbsbx.com *.facebook.com *.fbcdn.net;worker-src blob:
*.facebook.com data:;block-all-mixed-content;upgrade-insecure-requests;",
    "26": "x-frame-options: DENY",
    "27": "document-policy: force-load-at-top",
    "28": "document-policy: include-js-call-stacks-in-crash-reports",
    "29": "permissions-policy: accelerometer=(), attribution-reporting=(self), autoplay=(), bluetooth=(), browsing-topics=(self), camera=(self
\"https://www.fbsbx.com\"), 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=(self), clipboard-write=(self), compute-pressure=(), display-capture=(self), encrypted-media=(self),
fullscreen=(self), gamepad=*, geolocation=(self), gyroscope=(), hid=(), idle-detection=(), interest-cohort=(self), keyboard-map=(), local-fonts=(), magnetometer=(),
microphone=(self), midi=(), otp-credentials=(), payment=(), picture-in-picture=(self), private-state-token-issuance=(), publickey-credentials-get=(self), screen-
wake-lock=(), serial=(), shared-storage=(), shared-storage-select-url=(), private-state-token-redemption=(), usb=(), unload=(self), window-management=(), xr-spatial-
tracking=(self);report-to=\"permissions_policy\"",
    "30": "cross-origin-resource-policy: same-origin",
    "31": "cross-origin-embedder-policy-report-only: require-corp;report-to=\"coep_report\"",
    "32": "cross-origin-opener-policy: same-origin-allow-popups",
    "33": "pragma: no-cache",
    "34": "cache-control: private, no-cache, no-store, must-revalidate",
    "35": "expires: Sat, 01 Jan 2000 00:00:00 GMT",
    "36": "x-content-type-options: nosniff",
    "37": "x-xss-protection: 0",
    "38": "origin-agent-cluster: ?1",
    "39": "strict-transport-security: max-age=15552000; preload",
    "40": "content-type: text/html; charset=\"utf-8\"",
    "41": "x-fb-debug: hf49/gvmxRnnqr1+BcSefa/nfIPL+VFKbUAUshFIoiptF8k2OhoiKYRrzBlQm/O+fkU5nh//dX9mjYGWMybUBA==",
    "42": "date: Sat, 08 Aug 2026 10:20:00 GMT",
    "43": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=6, rtx=0, c=10, mss=1380, tbw=4146, tp=-1, tpl=-1, uplat=242, ullat=0",
    "44": "alt-svc: h3=\":443\"; ma=86400",
    "45": "server-timing: slb_crtt;dur=6,slb_srtt;dur=-1,slb_req_start;dur=1786184400062065,slb_srv_hdr_rcvd;dur=242652,slb_cli_body_rcvd_first;dur=-
1,slb_cli_body_rcvd_last;dur=-1,slb_conn_lat;dur=0,slb_ssl;dur=343,slb_rule_lat;dur=0"
}
```


IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2a03:2880:f17f:181:face:b00c:0:25de
Connect Time	9.78 ms
TTFB	692.35 ms
Total Time	692.51 ms

Response Headers:


```
{
    "0": "HTTP/2 301",
    "1": "location: https://www.facebook.com/",
    "2": "strict-transport-security: max-age=15552000; preload",
    "3": "content-type: text/html; charset=\"utf-8\"",
    "4": "x-fb-debug: pqQotYblVu21hC5NS5gV3whebYxdtNJtvq8+O50gCPGtO5ESRL9OYpgfpO54gOEbFR01idQ05z+GhXNKSE4e8w==",
    "5": "content-length: 0",
    "6": "date: Sat, 08 Aug 2026 10:19:58 GMT",
    "7": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=7, rtx=0, c=10, mss=1380, tbw=3577, tp=-1, tpl=-1, uplat=197, ullat=0",
    "8": "alt-svc: h3=\":443\"; ma=86400",
    "10": "HTTP/2 302",
    "11": "location: https://www.facebook.com/unsupportedbrowser",
    "12": "strict-transport-security: max-age=15552000; preload",
    "13": "content-type: text/html; charset=\"utf-8\"",
    "14": "x-fb-debug: REunwcbGDXNp7ESA6DxdNwTp7OqquoVNBvEvsJlppJ6T1zCZGXqaYSUZVM/vkEevBUwhhdDHv8Qa8GYH9CQPFw==",
    "15": "content-length: 0",
    "16": "date: Sat, 08 Aug 2026 10:19:58 GMT",
    "17": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=6, rtx=0, c=10, mss=1380, tbw=3578, tp=-1, tpl=-1, uplat=205, ullat=0",
    "18": "alt-svc: h3=\":443\"; ma=86400",
    "19": "server-timing: slb_crtt;dur=6,slb_srtt;dur=-1,slb_req_start;dur=1786184398519214,slb_srv_hdr_rcvd;dur=205120,slb_cli_body_rcvd_first;dur=-
1,slb_cli_body_rcvd_last;dur=-1,slb_conn_lat;dur=0,slb_ssl;dur=394,slb_rule_lat;dur=0",
    "21": "HTTP/2 200",
    "22": "vary: Accept-Encoding",
    "23": "reporting-endpoints: coop_report=\"https://www.facebook.com/browser_reporting/coop/?minimize=0\",
default=\"https://www.facebook.com/ajax/browser_error_reports/?device_level=unknown&brsid=7671603575249198424&cpp=C3&cv=1044788042&st=1786184398853\",
permissions_policy=\"https://www.facebook.com/ajax/browser_error_reports/\"",
    "24": "report-to:
{\"max_age\":2592000,\"endpoints\":[{\"url\":\"https:\\/\\/www.facebook.com\\/browser_reporting\\/coop\\/?minimize=0\"}],\"group\":\"coop_report\",\"include_subdomains\":true},
{\"max_age\":259200,\"endpoints\":[{\"url\":\"https:\\/\\/www.facebook.com\\/ajax\\/browser_error_reports\\/?device_level=unknown&brsid=7671603575249198424&cpp=C3&cv=1044788042&s
{\"max_age\":21600,\"endpoints\":[{\"url\":\"https:\\/\\/www.facebook.com\\/ajax\\/browser_error_reports\\/\"}],\"group\":\"permissions_policy\"}",
```

```
    "25": "content-security-policy: default-src blob: 'self' https://*.fbsbx.com *.facebook.com *.fbcdn.net *.facebook.net *.whatsapp.com *.whatsapp.net;script-src
*.facebook.com *.fbcdn.net *.facebook.net 127.0.0.1:* 'nonce-5tFUtCjS' blob: 'self' connect.facebook.net 'unsafe-eval' https://accounts.google.com https://*.google-
analytics.com *.google.com;style-src *.fbcdn.net data: *.facebook.com 'unsafe-inline' https://accounts.google.com https://fonts.googleapis.com;connect-src
*.facebook.com facebook.com *.fbcdn.net *.facebook.net wss://*.facebook.com:* wss://*.whatsapp.com:* wss://*.fbcdn.net attachment.fbsbx.com ws://localhost:* blob:
*.cdninstagram.com 'self' http://localhost:3103 wss://gateway.facebook.com wss://edge-chat.facebook.com wss://snaptu-d.facebook.com wss://kaios-d.facebook.com/
v.whatsapp.net *.fbsbx.com *.fb.com *.instagram.com *.ipification.com https://accounts.google.com https://*.google-analytics.com;font-src data: *.facebook.com
*.fbcdn.net *.fbsbx.com https://fonts.gstatic.com;img-src *.fbcdn.net *.facebook.com data: https://*.fbsbx.com facebook.com *.cdninstagram.com fbsbx.com fbcdn.net
connect.facebook.net blob: android-webview-video-poster: *.whatsapp.net *.fb.com *.oculuscdn.com *.tenor.co *.tenor.com *.giphy.com https://trustly.one/
https://*.trustly.one/ https://paywithmybank.com/ https://*.paywithmybank.com/ https://www.googleadservices.com https://googleads.g.doubleclick.net https://*.google-
analytics.com;media-src *.cdninstagram.com blob: *.fbcdn.net *.fbsbx.com www.facebook.com *.facebook.com data: *.tenor.co *.tenor.com https://*.giphy.com;child-src
data: blob: 'self' https://*.fbsbx.com *.facebook.com *.fbcdn.net;frame-src *.facebook.com *.fbsbx.com fbsbx.com data: www.instagram.com *.fbcdn.net
accounts.meta.com *.accounts.meta.com *.ipification.com https://trustly.one/ https://*.trustly.one/ https://paywithmybank.com/ https://*.paywithmybank.com/
https://www.googleadservices.com https://googleads.g.doubleclick.net https://www.google.com https://td.doubleclick.net *.google.com *.doubleclick.net;manifest-src
data: blob: 'self' https://*.fbsbx.com *.facebook.com *.fbcdn.net;object-src data: blob: 'self' https://*.fbsbx.com *.facebook.com *.fbcdn.net;worker-src blob:
*.facebook.com data:;block-all-mixed-content;upgrade-insecure-requests;",
    "26": "x-frame-options: DENY",
    "27": "document-policy: force-load-at-top",
    "28": "document-policy: include-js-call-stacks-in-crash-reports",
    "29": "permissions-policy: accelerometer=(), attribution-reporting=(self), autoplay=(), bluetooth=(), browsing-topics=(self), camera=(self
\"https://www.fbsbx.com\"), 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=(self), clipboard-write=(self), compute-pressure=(), display-capture=(self), encrypted-media=(self),
fullscreen=(self), gamepad=*, geolocation=(self), gyroscope=(), hid=(), idle-detection=(), interest-cohort=(self), keyboard-map=(), local-fonts=(), magnetometer=(),
microphone=(self), midi=(), otp-credentials=(), payment=(), picture-in-picture=(self), private-state-token-issuance=(), publickey-credentials-get=(self), screen-
wake-lock=(), serial=(), shared-storage=(), shared-storage-select-url=(), private-state-token-redemption=(), usb=(), unload=(self), window-management=(), xr-spatial-
tracking=(self);report-to=\"permissions_policy\"",
    "30": "cross-origin-resource-policy: same-origin",
    "31": "cross-origin-opener-policy: same-origin-allow-popups;report-to=\"coop_report\"",
    "32": "pragma: no-cache",
    "33": "cache-control: private, no-cache, no-store, must-revalidate",
    "34": "expires: Sat, 01 Jan 2000 00:00:00 GMT",
    "35": "x-content-type-options: nosniff",
    "36": "x-xss-protection: 0",
    "37": "origin-agent-cluster: ?1",
    "38": "strict-transport-security: max-age=15552000; preload",
    "39": "content-type: text/html; charset=\"utf-8\"",
    "40": "x-fb-debug: H2DSKO0CA07o063YAK/qfNuAErQnqci9383XStfRdnyca86pWGrTfRV//o0fAGe11WI7kCfo2q8AaL7kE+cqgw==",
    "41": "date: Sat, 08 Aug 2026 10:19:58 GMT",
    "42": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=9, rtx=0, c=10, mss=1380, tbw=4126, tp=-1, tpl=-1, uplat=256, ullat=0",
    "43": "alt-svc: h3=\":443\"; ma=86400",
    "44": "server-timing: slb_crtt;dur=9,slb_srtt;dur=-1,slb_req_start;dur=1786184398726159,slb_srv_hdr_rcvd;dur=256932,slb_cli_body_rcvd_first;dur=-
1,slb_cli_body_rcvd_last;dur=-1,slb_conn_lat;dur=0,slb_ssl;dur=394,slb_rule_lat;dur=0"
}
```


Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.007534 0.015076
TCP Connect IPv6 → port 80	301 0.007844 0.015686
TCP Connect IPv4 → port 443	301 0.007338 0.205419
TCP Connect IPv6 → port 443	301 0.007519 0.237737

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
```