

IPv6 Readiness Report

instagram.com — instagram.com




Scan to verify

Category: Social Media • Generated: 04 Jul 2026, 22:39 MYT • Last Checked: 04 Jul 2026, 03:23 MYT • Verification ID: 2fe346d6-27e7-4000-b882-9845c66ed2e1

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

Audit trail: <https://ipv6.my6.my/audit/2fe346d6-27e7-4000-b882-9845c66ed2e1>

 Partially Compliant <small>MGv6C-1.0</small>	83% Partial Support	IPv6-ONLY READINESS Website: ✓ Ready DNS: ✓ Ready Email: ✗ Not Ready
---	--------------------------------------	---

IPv6 ADDRESSES
2a03:2880:f34c:22:face:b00c::4420

IPv4 ADDRESSES
57.144.152.34

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:22:face:b00c::4420	
2	Globally Routable IPv6	PASS	All addresses are globally routable.	
3	HTTP over IPv6	PASS	HTTP (port 80) responds over IPv6 — 1743ms TTFB.	
4	HTTPS over IPv6	PASS	HTTPS (port 443) responds over IPv6 — 1148ms TTFB.	
5	IPv6-Only Reachability	PASS	Site is fully reachable via IPv6-only.	
6	TLS Certificate Valid (IPv6)	PASS	Certificate valid — issued by C = US, O = DigiCert Inc, CN = DigiCert Global G2 TLS RSA SHA256 2020 CA1, expires Jul 11 23:59:59 2026 GMT	
7	Dual-Stack (IPv4 + IPv6)	PASS	Domain has both A and AAAA records.	
8	HTTP/3 (QUIC)	PASS	Alt-Svc: h3 header detected.	

DNS & DNSSEC (25%)				4 / 5
#	CHECK	RESULT	DETAIL	
1	NS Has AAAA Record	PASS	Nameserver has IPv6 address.	
2	NS Reachable via IPv6	PASS	Nameserver is reachable via IPv6 on port 53.	
3	NS Answers Queries via IPv6	PASS	DNS queries answered over IPv6.	
4	DNSSEC Validated	FAIL	DNSSEC validation failed or zone is unsigned.	
5	Reverse DNS (PTR)	PASS	PTR record found in ip6.arpa.	
6	DS Record at Parent	FAIL	No DS record at parent.	
7	RRSIG Valid	FAIL	No valid RRSIG found.	

#	CHECK	RESULT	DETAIL
8	Signing Algorithm	INFO	No DNSKEY record found.

Email Services (25%) 3 / 6

#	CHECK	RESULT	DETAIL
1	MX Record Exists	PASS	MX record found.
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	PASS	DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	57.144.152.34
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 1212ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 1211ms TTFB.

Audit Trail & Evidence Record

Verification ID	2fe346d6-27e7-4000-b882-9845c66ed2e1
Domain	instagram.com
Check Mode	Scheduled
Status	Completed
Started	04 Jul 2026, 03:22:47 MYT
Finished	04 Jul 2026, 03:23:04 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/2fe346d6-27e7-4000-b882-9845c66ed2e1

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	511980dbff75f59d495ead192c29a2183c84eed4bd7ab5e33861969672961be
http_headers	a3cb022c61c486b534955c123d97815288f56db7695a662a2af6b89907c3fb5
dns_responses	e129b7d050f2fbcc737c11b20b10eee5b769f672f5fca781a79583ecd62cee58
tls_handshake	f2933a379f3a2b11149b9e8becb0b11d8308759467140e1761315c1ead0c2d1c
connectivity_log	d279b89847bc598323e51857f4008ebc0d270b707842bb7c398c74b4401fd76e
dns_resolution_times	6dbb41c8365484179839a7eeceb66fc3c31cf8c24e964cb5c55b1f13bcb16e91

Test Node Identity

Os	Linux srv1440888 6.8.0-124-generic #124-Ubuntu SMP PREEMPT_DYNAMIC Tue May 26 13:00:45 UTC 2026 x86_64
Hostname	srv1440888
Php Version	8.3.32
Server Ipv4	76.13.221.142
Server Ipv6	2a02:4780:5e:2789::1

DNS Resolution Performance

Comparison of A (IPv4) vs AAAA (IPv6) query times across resolvers and transports. Shows median (p50) and 95th percentile (p95) of 3 samples per tuple.

Resolver	Transport	A p50 (ms)	A p95 (ms)	AAAA p50 (ms)	AAAA p95 (ms)	Delta (ms)
System	Default	27.06	29.78	22.08	30.31	-5
Google	IPv4	45.7	73.93	36.16	36.9	-9.5
Google	IPv6	39.77	43.8	38.97	44.8	-0.8
Cloudflare	IPv4	32.12	32.65	24.95	26.33	-7.2
Cloudflare	IPv6	23.73	35.82	27.01	29.23	+3.3

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 61264
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
instagram.com. 60 IN A 163.70.132.174
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 30279
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com. 894 IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1783106561 1800 900 604800 900
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 17212
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
instagram.com. 7200 IN MX 10 mxb-00082601.gslb.pphosted.com.
instagram.com. 7200 IN MX 10 mxa-00082601.gslb.pphosted.com.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 57892
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 9

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
instagram.com. 3600 IN NS c.ns.instagram.com.
instagram.com. 3600 IN NS d.ns.instagram.com.
instagram.com. 3600 IN NS a.ns.instagram.com.
instagram.com. 3600 IN NS b.ns.instagram.com.
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 22931
;; flags: qr rd ra; QUERY: 1, ANSWER: 10, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
instagram.com. 300 IN TXT "adobe-idp-site-verification=367fda82-a8bb-46cf-9cff-0062d452d229"
instagram.com. 300 IN TXT "nEXgIFiBd1fAKLSMqVAhly5SA-vpsAkm5wi0wdkrzY"
instagram.com. 300 IN TXT "hywdekepiNsp/V9b1JCR+wZDdzBEsurL4GqY+FLMfiN+7aeFaway0Art+kNDHeL5onGZiPNeV/iIC+l00NSQV=="
instagram.com. 300 IN TXT "google-site-verification=GGtId51KFyq0hqX2xNvt1u0P9Xp0C7k6pp9do49fCNw"
instagram.com. 300 IN TXT "google-site-verification=_iQgLR68Rdg7YnN2Pq0lJSG5dnW0FUUXISF9R77fs5c"
instagram.com. 300 IN TXT "4cbb1b68-601f-4801-8e7f-e8f68a4a41dd"
instagram.com. 300 IN TXT "ms=ms86975275"
instagram.com. 3600 IN TXT "facebook-domain-verification=hksvshmzcutq39tlkgpmlx11kt8314q"
instagram.com. 300 IN TXT "v=spf1 include:facebookmail.com include:_spf.fb.com -all"
instagram.com. 3600 IN TXT "_yvfspgyfwcjinwgoowc9qjme14c32od"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 16757
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
```

```
;; ANSWER SECTION:
instagram.com. 60 IN AAAA 2a03:2880:f27f:e2:face:b00c:0:4420
```

RRSIG

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

DNSKEY

```
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 8306
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
instagram.com. 3594 IN SOA a.ns.instagram.com. dns.facebook.com. 4207849484 14400 1800 604800 3600
```

DNSSEC_VALIDATION

```
; unsigned answer
instagram.com. 3594 IN SOA a.ns.instagram.com. dns.facebook.com. 4207849484 14400 1800 604800 3600
```



```

Nx4DisNKfmcj84NnnXAsz1tE8ChHzN8HxqCpGAzXiEE7Evv+30yRHYXgu1cmsXpy
s+i8ezbMcUG43u9jbxDRGLmTHhOSt1qDiRFr4/6sn0m2Zmy8YLD8insv37h//Wrc
xBHjytfkdAgKWl1WjRYB98WsiLSgokKdXjLVv1qa4IDSQ3LHB5JZtEGEmuljzRhy
gw==
-----END CERTIFICATE-----
  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:PKKEY: 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-----
MIIEYDCCAC7CgAwIBAgIQDPW9Bi1WAvR6uFAsI8zwZjANBgkqhkiG9w0BAQsFADBh
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGLnaUNLcnQgSW5jMRkwFwYDVQQLExB3
d3cuZGlnaWNLcnQuY29tMSAwHgYDVQDExdEawdpQ2VydCBHbG9iYWwUaW9vdCBH
MjAeFw0yMTAzMzAwMDAwMDBaFw0zMTAzMjkyMzU5NTLmFkxkCzAJBgNVBAYTAVVT
MRUwEwYDVQQKEwEaWdpQ2VydCBJbmMxMzAxBgNVBAMTKkRzZlZDZXJ0IEEdsb2Jh
bCBHMiBUTFMgU1NBIFNIQTl1NiAyMDIwIENBMTCASiWdQYJKoZIhvcNAQEBBQAD
ggEPADCCAQoCggEBAMz3EGJPrjtjb+2QUlbf5d7ehJWivH0+dbn4Y+9LavyYEEV
cNsAPonCrVX0Ft9s1GTcZU0akGUWzUb+nv6u8W+JDD+Vu/E832X4xT1FE3LpDy
FuqrIvAxIhFazAmunjZlx/jfWardUSVc8is/+9dCOPzQ+Gssjop80j812s3wWpC
3kbW20X+fSP9k0hRBx5Ro1/tSUZUfyfYIXf0TnJcVPAPOoTncaQwywa8WV0YUR0J8
osicfcbUTVSVQpmowQTCd5zWS0T0EeAqgJnwQ3DPP3Zr0UxJqyRwg2C/Uaoq2YT
zGJSQnW5+Jr6Xl6ysGHLHx+5fwmY6D36g39HaaECAwEAACA0CAyIwggF+MBIGA1Ud
EwEB/wQIMAYBAf8CAQAwHQYDVVR00BBYEFHSGMBmX9833s+9KTeqAx2+7c0XMB8G
A1UdIwQYMBAAFE4iVCAYLebjbuYP+vg5Eu0GF485MA4GA1UdDwEB/wQEAwIBhJAd
BgNVHSEUfjAUBgggRBgEFBQcDAQYIKwYBBQUHAwIwdgYIKwYBBQUHAQEaEjBoMCOG
CsGAQUFBzABhhodHRwOi8vb2Nzc5kaWdpY2VydC5jb20wQAYIKwYBBQUHMAKG
NGh0dHA6Ly9jYWNlcnRzLmRrZ21jZXJ0LmNvb5S9EawdpQ2VydEdsb2JhbFJvb3RH
Mi5jcnQwQgYDVR0fBDswOTA3oDWgM4YxaHR0cDovL2NybdMuZGlnaWNLcnQuY29t
L0RzZlZDZXJ0R2xvYmF5Um9vdEcyLmNybDA9BgNVHSAENjA0MA5GCWCGSAGG/WwC
ATAHBGVngQwBATAIBgZngQwBAGwEwCAyGZ4EMAQICMAAGBmeBDAECAzANBgkqhkiG
9w0BAQsFAA0CAQEAkPFwyy1XaZd8dP3a+iZ7U6utzW9upwGnIrXWk0H7U1MVL+t
wcWIBSAuWdH/SvWgKtiwLa3JLko716f2b4gp/DA/JIS7w7d7kwcsr4drdjPtAFVS
s1me5LnQ89/nD/7d+MS5EHKBCQRfz5eelJj1js+aWnJXMX43AYGyZm0pGrFmCW3R
bpD0ufovARTFXFZkAdl9h6g4U5+LXUZtXMYnhIHUfoym05t5S8aI7Dd8KvwwVVo4
chDYABPPTHpbqjclqCmBaZx2vN4Ye5DUys/vZwP9BFohFrH/6j/f3IL16/RZkiMN
JCqVJUzKoZhm1Lesh3S28W2jmdv51b2EQJ8HmA==
-----END CERTIFICATE-----
---
Server certificate
subject=C = US, ST = California, L = Menlo Park, O = "Meta Platforms, Inc.", CN = *.instagram.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 3199 bytes and written 379 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
Expansion: NONE

```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	57.144.78.1
Connect Time	265.58 ms
TTFB	1223.38 ms
Total Time	1223.6 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Location: https://instagram.com/",
  "2": "Content-Type: text/plain",
  "3": "Server: proxygen-bolt",
  "4": "Date: Fri, 03 Jul 2026 19:23:00 GMT",
  "5": "Connection: keep-alive",
  "6": "Content-Length: 0",
  "8": "HTTP/2 301",
  "9": "vary: Accept-Encoding",
  "10": "location: https://www.instagram.com/",
  "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: 8beeLvra0XPLVvoK075fyWMPM/JUPrJjqMGoAngzBsGYEh2xJ/E571BFtv2fI/2w+v8y8RNJULN4m7LLJuz2sA==",
  "15": "content-length: 0",
  "16": "date: Fri, 03 Jul 2026 19:23:00 GMT",
  "17": "alt-svc: h3=443; ma=86400",
  "18": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=8, rtx=0, c=16, mss=1380, tbw=3506, tp=-1, tpl=-1, uplat=162, ullat=0",
  "20": "HTTP/2 302",
  "21": "vary: Accept-Encoding",
  "22": "location: https://www.facebook.com/unsupportedbrowser",
  "23": "strict-transport-security: max-age=31536000; preload; includeSubDomains",
  "24": "x-stack: www",
  "25": "content-type: text/html; charset=utf-8",
  "26": "x-fb-debug: BN64d6ZmCm+eBN2Jf/8f57Y9PahU4VT+N+UUN6FW5Vt+SeA0SjGh0+18ik1iWkdGqw4t0G4Lc+4R0Ck+XCTU1w==",
  "27": "content-length: 0",
  "28": "date: Fri, 03 Jul 2026 19:23:01 GMT",
  "29": "alt-svc: h3=443; ma=86400",
  "30": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=8, rtx=0, c=16, mss=1380, tbw=3842, tp=-1, tpl=-1, uplat=160, ullat=0",
  "32": "HTTP/2 200",
  "33": "vary: Accept-Encoding",
  "34": "reporting-endpoints: coop_report=https://www.facebook.com/browser_reporting/coop/?minimize=0",
  "coop_report=https://www.facebook.com/browser_reporting/coep/?minimize=0",
  "default=https://www.facebook.com/ajax/browser_error_reports/?device_level=unknown&bsrid=7658384450870813666&cpp=C3&cv=1042616770&st=1783106581911",
  "permissions_policy=https://www.facebook.com/ajax/browser_error_reports/",
  "35": "report-to:
  {
    \"max_age\":2592000,\"endpoints\":[{\r\n\r\n\"https://www.facebook.com/browser_reporting/coop/?minimize=0\"}],\"group\":\r\n\"coop_report\", \"include_subdomains\":true},
    {
      \"max_age\":86400,\"endpoints\":[{\r\n\r\n\"https://www.facebook.com/browser_reporting/coep/?minimize=0\"}],\"group\":\r\n\"coop_report\"},
    {
      \"max_age\":259200,\"endpoints\":[{\r\n\r\n\"https://www.facebook.com/ajax/browser_error_reports/?device_level=unknown&bsrid=7658384450870813666&cpp=C3&cv=1042616770&st=1783106581911\"}],\"group\":\r\n\"permissions_policy\"}]",
    "36": "content-security-policy: default-src blob: 'self' https://*.fbxs.com *.facebook.com *.fbcdn.net *.facebook.net *.whatsapp.com *.whatsapp.net;script-src *.facebook.com *.fbcdn.net *.facebook.net 127.0.0.1:* 'nonce-fp10zTP8' 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 *.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 *.fbxs.com *.fb.com *.instagram.com https://accounts.google.com https://*.google-analytics.com;font-src data: *.facebook.com *.fbcdn.net *.fbxs.com https://fonts.gstatic.com;img-src *.fbcdn.net *.facebook.com data: https://*.fbxs.com facebook.com *.cdninstagram.com fbsbx.com fbcdn.net connect.facebook.net blob: android-webview-video-poster: *.whatsapp.net *.fb.com *.oculuscdn.com *.tenor.com *.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 *.fbxs.com www.facebook.com *.facebook.com data: *.tenor.com *.tenor.com https://*.giphy.com;child-src data: blob: 'self' https://*.fbxs.com *.facebook.com *.fbcdn.net;frame-src *.facebook.com *.fbxs.com fbsbx.com data: www.instagram.com *.fbcdn.net accounts.meta.com *.accounts.meta.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://*.fbxs.com *.facebook.com *.fbcdn.net;object-src data: blob: 'self' https://*.fbxs.com *.facebook.com *.fbcdn.net;worker-src blob: *.facebook.com data:;block-all-mixed-content;upgrade-insecure-requests;",
    "37": "x-frame-options: DENY",
    "38": "document-policy: force-load-at-top",
    "39": "document-policy: include-js-call-stacks-in-crash-reports",
    "40": "permissions-policy: accelerometer=(), attribution-reporting=(self), autoplay=(), bluetooth=(), browsing-topics=(self), camera=(self) \r\n\"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-
```



```
https://*.fbxs.com *.facebook.com *.fbcdn.net;frame-src *.facebook.com *.fbxs.com fbsbx.com data: www.instagram.com *.fbcdn.net accounts.meta.com
*.accounts.meta.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://*.fbxs.com *.facebook.com *.fbcdn.net;object-src data: blob: 'self' https://*.fbxs.com *.facebook.com *.fbcdn.net;worker-src blob: *.facebook.com
data:;block-all-mixed-content;upgrade-insecure-requests;";
"37": "x-frame-options: DENY",
"38": "document-policy: force-load-at-top",
"39": "document-policy: include-js-call-stacks-in-crash-reports",
"40": "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\"\",
"41": "cross-origin-resource-policy: same-origin",
"42": "cross-origin-opener-policy: same-origin-allow-popups",
"43": "pragma: no-cache",
"44": "cache-control: private, no-cache, no-store, must-revalidate",
"45": "expires: Sat, 01 Jan 2000 00:00:00 GMT",
"46": "x-content-type-options: nosniff",
"47": "x-xss-protection: 0",
"48": "origin-agent-cluster: ?1",
"49": "strict-transport-security: max-age=15552000; preload",
"50": "content-type: text/html; charset=\"utf-8\"",
"51": "x-fb-debug: zoPu9gFgCmHpiX4v0705FtbVbtj0YjDmacP3pbP0LLw0f2CA6q35zL9H5mDqA0tsF2KhoD0ZA+u0qMNA6mTeVA==",
"52": "date: Fri, 03 Jul 2026 19:22:59 GMT",
"53": "x-fb-connection-quality: MODERATE; q=0.3, rtt=234, rtx=0, c=10, mss=1380, tbw=3578, tp=-1, tpl=-1, uplat=74, ullat=0",
"54": "alt-svc: h3=\":443\"; ma=86400"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	57.144.78.1
Connect Time	483.99 ms
TTFB	1735.94 ms
Total Time	1736.09 ms

Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "vary: Accept-Encoding",
  "2": "location: https://www.instagram.com/",
  "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: l+iaQ2YczlPq7seFN96gwU8l1cyg85hRNTqTxlvwufn7NY0lUFAeFm6Fv/EFctSmsQ5de8VX2uLakHgKSo0uLg==",
  "7": "content-length: 0",
  "8": "date: Fri, 03 Jul 2026 19:23:02 GMT",
  "9": "alt-svc: h3=\":443\"; ma=86400",
  "10": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=8, rtx=0, c=16, mss=1380, tbw=3506, tp=-1, tpl=-1, uplat=160, ullat=0",
  "12": "HTTP/2 302",
  "13": "vary: Accept-Encoding",
  "14": "location: https://www.facebook.com/unsupportedbrowser",
  "15": "strict-transport-security: max-age=31536000; preload; includeSubDomains",
  "16": "x-stack: www",
  "17": "content-type: text/html; charset=\"utf-8\"",
  "18": "x-fb-debug: 5S5c/zmjE7Y0Bz0PPuXC4TeKymBpxhvVw7jduQxc/X6rWc7PYFVKg+wY/PMa5pccYQEEIafqFe0JAq0W4cBbw==",
  "19": "content-length: 0",
  "20": "date: Fri, 03 Jul 2026 19:23:02 GMT",
  "21": "alt-svc: h3=\":443\"; ma=86400",
  "22": "x-fb-connection-quality: MODERATE; q=0.3, rtt=234, rtx=0, c=13, mss=1380, tbw=3842, tp=-1, tpl=-1, uplat=33, ullat=0",
  "24": "HTTP/2 200",
  "25": "vary: Accept-Encoding",
  "26": "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&bsid=7658384459463269529&cpp=C3&cv=1042616770&st=1783106583642\",
permissions_policy=\"https://www.facebook.com/ajax/browser_error_reports/\",
"27": "report-to:
{\"max_age\":2592000,\"endpoints\":[{\\"url\":\":https://www.facebook.com/browser_reporting/coop/?minimize=0\"}],\"group\":\":coop_report\",\":include_subdomains\":true},
{\"max_age\":21600,\"endpoints\":[{\\"url\":\":https://www.facebook.com/ajax/browser_error_reports/?device_level=unknown&bsid=7658384459463269529&cpp=C3&cv=1042616770&st=1783106583642\"}],\"group\":\":permissions_policy\"},
"28": "content-security-policy: default-src blob: 'self' https://*.fbxs.com *.facebook.com *.fbcdn.net *.facebook.net *.whatsapp.com *.whatsapp.net;script-src
*.facebook.com *.fbcdn.net *.facebook.net 127.0.0.1: * 'nonce-8yaxTT7' 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 *.fbcdn.net *.fb.com *.instagram.com https://accounts.google.com https://*.google-analytics.com;font-src data: *.facebook.com *.fbcdn.net *.fb.com https://fonts.gstatic.com;img-src *.fbcdn.net *.facebook.com data: https://*.fb.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 *.fb.com www.facebook.com *.facebook.com data: *.tenor.co *.tenor.com https://*.giphy.com;child-src data: blob: 'self' https://*.fb.com *.facebook.com *.fbcdn.net;frame-src *.facebook.com *.fb.com fbsbx.com data: www.instagram.com *.fbcdn.net accounts.meta.com *.accounts.meta.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://*.fb.com *.facebook.com *.fbcdn.net;object-src data: blob: 'self' https://*.fb.com *.facebook.com *.fbcdn.net;worker-src blob: *.facebook.com data:;block-all-mixed-content;upgrade-insecure-requests;";
"29": "x-frame-options: DENY",
"30": "document-policy: force-load-at-top",
"31": "document-policy: include-js-call-stacks-in-crash-reports",
"32": "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\\"";
"33": "cross-origin-resource-policy: same-origin",
"34": "cross-origin-opener-policy: same-origin-allow-poppers",
"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=15552000; preload",
"42": "content-type: text/html; charset=\\"utf-8\\"";
"43": "x-fb-debug: y8lZ0oFq95bAehJrSY3UbMaIqnn22eaChC+8Wp8YG1LVwXhXelyQH9XuLPSRLyM1CvsAGjRgVJmrY5k/1Vmlaw==",
"44": "date: Fri, 03 Jul 2026 19:23:03 GMT",
"45": "x-fb-connection-quality: MODERATE; q=0.3, rtt=233, rtx=0, c=10, mss=1380, tbw=3578, tp=-1, tpl=-1, uplat=91, ullat=0",
"46": "alt-svc: h3=\":443\"; ma=86400"
}
```

IPv6 HTTPS (port 443)

HTTP Status	200
Connected IP	2a03:2880:f31e:1:face:b00c:0:25de
Connect Time	256.54 ms
TTFB	1157.24 ms
Total Time	1157.42 ms

Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "vary: Accept-Encoding",
  "2": "location: https://www.instagram.com/",
  "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: 6yIqpcrPQbBRNNAF7JrU55h53nyLmatURDNbc2xed3R0rk0pPco0rQM7KI2YN429QKr+jbQ3aCa5ITooxPQ==",
  "7": "content-length: 0",
  "8": "date: Fri, 03 Jul 2026 19:22:59 GMT",
  "9": "alt-svc: h3=\":443\"; ma=86400",
  "10": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=12, rtx=0, c=16, mss=1380, tbw=3505, tp=-1, tpl=-1, uplat=165, ullat=0",
  "12": "HTTP/2 302",
  "13": "vary: Accept-Encoding",
  "14": "location: https://www.facebook.com/unsupportedbrowser",
  "15": "strict-transport-security: max-age=31536000; preload; includeSubDomains",
  "16": "x-stack: www",
  "17": "content-type: text/html; charset=\\"utf-8\\"";
  "18": "x-fb-debug: PKI8yAcJXl0pH8mEiiWeCXfCAkessQVf1UsQcFylXuYwavLF0Tc8pL2IcHNQdGptAeyrHjw6TB0/gApoaqKQ==",
  "19": "content-length: 0",
  "20": "date: Fri, 03 Jul 2026 19:23:00 GMT",
  "21": "alt-svc: h3=\":443\"; ma=86400",
  "22": "x-fb-connection-quality: EXCELLENT; q=0.9, rtt=8, rtx=0, c=16, mss=1380, tbw=3842, tp=-1, tpl=-1, uplat=164, ullat=0",
  "24": "HTTP/2 200",
  "25": "vary: Accept-Encoding",
  "26": "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=7658384448207369032&cpp=C3&cv=1042616770&st=1783106580701\\", permissions_policy=\\"https://www.facebook.com/ajax/browser_error_reports/\\"",
  "27": "report-to: {\\"max_age\\":2592000,\\"endpoints\\":[{\\"url\\":\\"https://\\//www.facebook.com\\//browser_reporting\\//coop\\//?minimize=0\\"}],\\"group\\":\\"coop_report\\",\\"include_subdomains\\":true},
```


Test Node Network Evidence

Node Profile	dual stack
--------------	------------

Egress Connectivity

IPv4 Egress	76.13.221.142
IPv6 Egress	2a02:4780:5e:2789::1

Sysctl IPv6 Flags

net.ipv6.conf.all.disable_ipv6	0
--------------------------------	---

IPv6 Routes

```
2a02:4780:5e::/48 dev eth0 proto kernel metric 256 pref medium
fe80::/64 dev eth0 proto kernel metric 256 pref medium
default via 2a02:4780:5e::1 dev eth0 proto static metric 1024 pref medium
```

IPv4 Routes

```
default via 76.13.221.254 dev eth0 proto static
10.6.101.0/24 dev wg0 scope link
10.6.102.0/24 dev wg0 scope link
76.13.221.0/24 dev eth0 proto kernel scope link src 76.13.221.142
172.29.0.0/24 dev wg0 scope link
```