

IPv6 Readiness Report

tiktok.com — tiktok.com



Scan to verify

Category: Social Media • Generated: 04 Jul 2026, 22:46 MYT • Last Checked: 04 Jul 2026, 03:23 MYT • Verification ID: 68bb4628-ebe0-4e97-8e30-26c041761867

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

Audit trail: <https://ipv6.my6.my/audit/68bb4628-ebe0-4e97-8e30-26c041761867>

<p>X</p> <p>Non-Compliant</p> <p>MGv6C-1.0</p>	<p>43%</p> <p>No IPv6 Support</p>	<p>IPv6-ONLY READINESS</p> <p>Website: X Not Ready</p> <p>DNS: ✓ Ready</p> <p>Email: X Not Ready</p>
--	---	--

IPv4 ADDRESSES

- 23.45.176.197
- 23.45.176.234
- 23.45.176.209
- 23.45.176.232
- 23.45.176.196
- 23.45.176.218
- 23.45.176.231
- 23.45.176.203

Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	Akamai Technologies, Inc.
Country	US
ASN	AS20940
ASN Name	AKAMAI-ASN1 - Akamai International B.V., NL
Network (CIDR)	23.32.0.0/11

Web Services (35%)				0 / 8
#	CHECK	RESULT	DETAIL	
1	AAAA Record	FAIL	No AAAA record found in DNS.	
2	Globally Routable IPv6	FAIL	IPv6 address is not globally routable.	
3	HTTP over IPv6	FAIL	HTTP is not accessible over IPv6.	
4	HTTPS over IPv6	FAIL	HTTPS is not accessible over IPv6.	
5	IPv6-Only Reachability	FAIL	Site is not reachable when limited to IPv6-only.	
6	TLS Certificate Valid (IPv6)	FAIL	TLS certificate is invalid, expired, or hostname mismatch over IPv6.	
7	Dual-Stack (IPv4 + IPv6)	FAIL	Domain is IPv6-only or IPv4-only.	
8	HTTP/3 (QUIC)	FAIL	No HTTP/3 support detected.	

DNS & DNSSEC (25%)				3 / 5
#	CHECK	RESULT	DETAIL	
1	NS Has AAAA Record	PASS	Nameserver has IPv6 address.	
2	NS Reachable via IPv6	PASS	Nameserver is reachable via IPv6 on port 53.	
3	NS Answers Queries via IPv6	PASS	DNS queries answered over IPv6.	

#	CHECK	RESULT	DETAIL
4	DNSSEC Validated	FAIL	DNSSEC validation failed or zone is unsigned.
5	Reverse DNS (PTR)	FAIL	No PTR record found.
6	DS Record at Parent	FAIL	No DS record at parent.
7	RRSIG Valid	FAIL	No valid RRSIG found.
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	DKIM selector found: google._domainkey
7	DMARC Record	PASS	DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	23.45.176.197, 23.45.176.234, 23.45.176.209, 23.45.176.232, 23.45.176.196, 23.45.176.218, 23.45.176.231, 23.45.176.203
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 58ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 58ms TTFB.

Audit Trail & Evidence Record

Verification ID	68bb4628-ebe0-4e97-8e30-26c041761867
Domain	tiktok.com
Check Mode	Scheduled
Status	Completed
Started	04 Jul 2026, 03:23:19 MYT
Finished	04 Jul 2026, 03:23:22 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/68bb4628-ebe0-4e97-8e30-26c041761867

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	45b0a4cdaaf339c5f11e46330a60834e42e89e9c8850267fcf8039d408c1fe75
http_headers	5a9a80b9b8172b305027a45caf54b2ea9cd987ab2a654e4c1c014a7b09c84411
dns_responses	b5dc51f162f410308268f0b4b53b77dd7b2ff138e02d5477d5a7164324b15
tls_handshake	e53d6c225fbc752deed86d4d87af9e1c34b50b6c34340c096db9c8edea7d277
connectivity_log	112fb0eec16c3b3d8ab307b164240ca661f848e3c81ec7d8a6f4dc56ed3ed425
dns_resolution_times	3abfc76f99b747fc2cda1563f60c984fec560e6381449c5a51d8fd9a15e8ebc0

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	27.23	29.37	14.47	14.75	-12.8
Google	IPv4	36.79	44.24	30.32	31.76	-6.5
Google	IPv6	40.89	43.82	35.67	39.95	-5.2
Cloudflare	IPv4	28.55	37.59	34.9	35.95	+6.4
Cloudflare	IPv6	31.9	34.23	18.46	22.91	-13.4

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 43147
;; flags: qr rd ra; QUERY: 1, ANSWER: 8, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
tiktok.com. 00200IN A 23.45.176.209
tiktok.com. 00200IN A 23.45.176.231
tiktok.com. 00200IN A 23.45.176.196
tiktok.com. 00200IN A 23.45.176.234
tiktok.com. 00200IN A 23.45.176.197
tiktok.com. 00200IN A 23.45.176.203
tiktok.com. 00200IN A 23.45.176.218
tiktok.com. 00200IN A 23.45.176.232
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 50928
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com. 0008980IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1783106576 1800 900 604800 900
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 53842
;; flags: qr rd ra; QUERY: 1, ANSWER: 3, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
tiktok.com. 003600IN MX 10 mx1.tiktok.com.
tiktok.com. 003600IN MX 20 mx2.tiktok.com.
tiktok.com. 003600IN MX 30 mx3.tiktok.com.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 59881
;; flags: qr rd ra; QUERY: 1, ANSWER: 6, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
tiktok.com. 0086400IN NS a13-67.akam.net.
tiktok.com. 0086400IN NS a1-97.akam.net.
tiktok.com. 0086400IN NS a12-66.akam.net.
tiktok.com. 0086400IN NS a6-65.akam.net.
tiktok.com. 0086400IN NS a9-66.akam.net.
tiktok.com. 0086400IN NS a18-64.akam.net.
```

TXT

```
;; Truncated, retrying in TCP mode.
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 37340
;; flags: qr rd ra; QUERY: 1, ANSWER: 24, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
tiktok.com. 00300IN TXT "google-site-verification=heUwjUSZGdrUk6gp54Bxe8zNMepAudi3eECZ7zzNuQ"
tiktok.com. 00300IN TXT "google-site-verification=pibSb_VhK-cZPICQSaH7s43WbBkpzjHwAgyc3YDH4"
tiktok.com. 00300IN TXT "apple-domain-verification=hXgMRIDdysM4HJYw"
tiktok.com. 00300IN TXT "MS=ms80039204"
tiktok.com. 00300IN TXT "verification-code-site-edm-va=GkLVdrouyEyNQGsN0X0W"
tiktok.com. 00300IN TXT "google-site-verification=UlwaFhsh7mBJzB0eTyZBibPgHQ6doH08-_tkmjBo4E"
tiktok.com. 00300IN TXT "_7sllfzryqu5thoyj9665cgevrcbi38m"
tiktok.com. 00300IN TXT "_globalsign-domain-verification=FUJcu1hWja0wxluxLVKRWITCKMvR1CzjjxYcugM_gM"
```

```
tiktok.com.003000IN0TXT0"google-site-verification=9aM0Y6RF3QT8X2ACpo04BZ4CSdjPwXRJgncABZtHRYy"  
tiktok.com.003000IN0TXT0"_f3zsp3jcr9843f36xnpbfib409nlhjt"  
tiktok.com.003000IN0TXT0"google-site-verification=6qNNoqXIzco_0bM8QE5IZfz2kLnLQkG-llKLL_HudVI"  
tiktok.com.003000IN0TXT0"MS=ms14857357"  
tiktok.com.003000IN0TXT0"hubspot-developer-verification=YzdzDc2ZDEtMDRmNS00MwQyLWJlNzUtY2Q4YmQyN2E0NDFl"  
tiktok.com.003000IN0TXT0"v=spf1 include:_spf.google.com include:mail.zendesks.com include:spf.bytedance.com include:mail.stibee.com -all"  
tiktok.com.003000IN0TXT0"google-site-verification=StaGWBpuleRwm0dUSA-240mzeXAqkQitecePeqLQ0fc"  
tiktok.com.003000IN0TXT0"pinterest-site-verification=7d9fc044e28c4992dffda772e8ca2bdc"  
tiktok.com.003000IN0TXT0"facebook-domain-verification=wo9l655kzm8Rfqm1st3qe7gqduoqav"  
tiktok.com.003000IN0TXT0"_hvpbov9c2s6s8d9hj5w2njkbj35op"  
tiktok.com.003000IN0TXT0"google-site-verification=spKY3sgLfx2ShLM0bs-jaGpfyhuk0MBQ9fV_cR8yKII"  
tiktok.com.003000IN0TXT0"google-site-verification=2ZTMDlDhN4fD3hIKVj_lLnDKhTvf4NVhT23o-edCEVw"  
tiktok.com.003000IN0TXT0"klaviyo-site-verification=STK9xy"  
tiktok.com.003000IN0TXT0"facebook-domain-verification=iec6txjw8r35xhq5swdem8tpa5mzw"  
tiktok.com.003000IN0TXT0"mailru-verification: c0f4705a229bd0c6"  
tiktok.com.003000IN0TXT0"google-site-verification=ot5hoJ0_9g-F06j5YX6aoLzPnM7N0y988ua0zsCDr88"
```

AAAA

```
;; Got answer:  
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 51310  
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1  
  
;; OPT PSEUDOSECTION:  
; EDNS: version: 0, flags:; udp: 1232  
;; AUTHORITY SECTION:  
tiktok.com.0035980IN0S0A0a9-66.akamai.net. hostmaster.akamai.com. 1554957903 43200 7200 604800 7200
```

RRSIG

```
a9-66.akamai.net. hostmaster.akamai.com. 1554957903 43200 7200 604800 7200
```

DNSKEY

```
;; Got answer:  
;; ->HEADER<<- opcode: QUERY, status: NOERROR, id: 37757  
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1  
  
;; OPT PSEUDOSECTION:  
; EDNS: version: 0, flags:; udp: 1232  
;; AUTHORITY SECTION:  
tiktok.com.0035980IN0S0A0a9-66.akamai.net. hostmaster.akamai.com. 1554957903 43200 7200 604800 7200
```

DNSSEC_VALIDATION

```
; unsigned answer  
tiktok.com.00863980IN0S0A0a9-66.akamai.net. hostmaster.akamai.com. 1554957903 43200 7200 604800 7200
```



```
EwYDVQKQWwEaWdpQ2VydCBjbMxGTAXBGNVBAStEHd3dy5kaWdpY2VydC5jb20x
IDAeBgNVBAMTF0RpZ2LDZXJ0IEEdsb2JhbCBSb290IEczMHYwEAYHkoZiZj0CAQYF
K4EEACIDYgAE3afZu4q4C/sLfyH58L6+c/MzXRq8N0rexp080JX28MzQC7phW1FG
fp4tn+60YwwX7Adw9c+ELkCDn0g/QW07rd0KFFk2eJ0DQ+4QE2xy3q6Ip6FrtUPO
Z9wj/wMco+I+o0IwQDAPBgNVHRMBAf8EBTADAQH/MA4GA1UdDwEB/wQEAwIBhjAd
BgNVHQ4EFgQU9tIpPmxxdiuNkHMEWNPYim8S8YwCgYIKoZiZj0EAAwMDaAAwZIX
AK288mw/EkrRLTndCgmXc/SINoyIJ7vmiI1Qhadj+Z4y3maTD/HMsQmP3Wyr+mt/
oAIw0WZbwm5NuJ5Q3KjVSalTx9zRSX8XAbjIho90JgrqJqpisXRAL34V0Ka5Vt8
sycX
-----END CERTIFICATE-----
---
Server certificate
subject=CN = *.tiktok.com
issuer=C = US, O = DigiCert Inc, OU = www.digicert.com, CN = RapidSSL TLS ECC CA G1
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: ECDSA
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 2988 bytes and written 392 bytes
Verification: OK
---
New, TLSv1.3, Cipher is TLS_AES_256_GCM_SHA384
Server public key is 256 bit
Secure Renegotiation IS NOT supported
Compression: NONE
```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	23.45.176.167
Connect Time	9.42 ms
TTFB	50.15 ms
Total Time	50.32 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Server: AkamaiGHost",
  "2": "Content-Length: 0",
  "3": "Location: http://www.tiktok.com/",
  "4": "Expires: Fri, 03 Jul 2026 19:23:22 GMT",
  "5": "Cache-Control: max-age=0, no-cache, no-store",
  "6": "Pragma: no-cache",
  "7": "Date: Fri, 03 Jul 2026 19:23:22 GMT",
  "8": "X-Cache: TCP_MISS from a23-211-252-180.deploy.akamaitechnologies.com (AkamaiGHost/22.5.4-e2b2230ea5a6543481b6c2e5e3518506) (-)",
  "9": "Connection: keep-alive",
  "10": "x-tt-trace-tag: id=16;cdn-cache=miss;type=dyn",
  "11": "Server-Timing: cdn-cache; desc=MISS, edge; dur=0, origin; dur=0",
  "12": "X-Akamai-Request-ID: 1cc785c2",
  "14": "HTTP/1.1 301 Moved Permanently",
  "15": "Server: AkamaiGHost",
  "16": "Content-Length: 0",
  "17": "Location: https://www.tiktok.com/",
  "18": "Expires: Fri, 03 Jul 2026 19:23:22 GMT",
  "19": "Cache-Control: max-age=0, no-cache, no-store",
  "20": "Pragma: no-cache",
  "21": "Date: Fri, 03 Jul 2026 19:23:22 GMT",
  "22": "X-Cache: TCP_MISS from a23-62-97-124.deploy.akamaitechnologies.com (AkamaiGHost/22.5.4-b620ca40a6c21d08122eeb20d0541579) (-)",
  "23": "Connection: keep-alive",
  "24": "x-tt-trace-tag: id=16;cdn-cache=hit;type=dyn",
  "25": "Server-Timing: cdn-cache; desc=HIT, edge; dur=0, origin; dur=0",
  "26": "X-Akamai-Request-ID: ff34be69",
  "28": "HTTP/2 200",
  "29": "content-type: text/html",
  "30": "surrogate-control: no-store",
  "31": "x-tt-system-error: 3",
  "32": "proxy-status: 0000201200062000",
  "33": "strict-transport-security: max-age=31536000; includeSubDomains",
  "34": "access-control-expose-headers: x-tt-traceflag,x-tt-logid",
  "35": "x-tt-trace-host:
01fb2e49ecc3235bec8b1489d3ec2a8d9eef52d3cf690d7c2deb495a08f0efa337945678580c0b93bce30fdb64524254c69a927abb774165fc171c1ee47a4794ae6dcca7f376439d937c6c095c5dfa72",
  "36": "x-tt-trace-id: 00-260704032322f64AAF26939A7346C28E-0F93AD9B66F93AAF-00",
  "37": "reporting-endpoints: csp-
endpoint=\"https://mon.tiktokv.com/monitor_browser/collect/batch/security/?bid=tiktok_pns&ev_type=csp&p=7bMffKqyqUbn8PMzRuxmsz&v=9&s=296&b=oab\"",
  "38": "content-security-policy: report-uri
https://mon.tiktokv.com/monitor_browser/collect/batch/security/?bid=tiktok_pns&ev_type=csp&p=7bMffKqyqUbn8PMzRuxmsz&v=5&s=296&b=oab; report-to csp-endpoint; upgrade-
insecure-requests; default-src 'self' 'unsafe-eval' 'unsafe-inline' blob: bytedance: data: wss://*.tiktok.com wss://*.tiktokv.com wss://*.tiktokv.eu wss://tiktok.com
wss://tiktokv.com *.adsintegrity.net *.akamaized.net *.amazonaws.com *.bing.com *.bitssec.com *.bytedapm.com *.bytedgame.com *.bytehw-row.com *.byteicdn.com
*.byteintl.com *.byteintl.net *.byteintlapi.com *.byteintlstatic.com *.bytelemon.com *.byteoversea.com *.byteoversea.net *.bytevcloudapi.com *.capcut.com
*.cloudflare.com *.ctfassets.net *.doubleclick.net *.evbuc.com *.eventim.de *.facebook.com *.facebook.net *.fbstatic.com *.fcdnstatic-intl.com *.fdmstatic.com *.g-p-
static.com *.gauthmath.com *.giphy.com *.goofy-cdn.com *.goofy.app *.google.com *.googleadservices.com *.googleapis.com *.googlesyndication.com
*.googletagmanager.com *.gstatic.com *.hsforms.com *.hsforms.net *.ibytetos.com *.ibytemg.com *.isnsdk.com *.jumio.ai *.kakao.com *.lemon8-app.com *.lemon8cdn.com
*.licdn.com *.linkedin.com *.midtrans.com *.muscdn.com *.musical.ly *.oecstatic.com *.omise.co *.pangle-ads.com *.paypal.com *.pipopay.com *.pipopayment.com
*.pipopayment.us *.redditstatic.com *.resso.me *.sgsnssdk.com *.soundon.global *.tableau.com *.tenor.com *.tiktok-row.net *.tiktok.com *.tiktok.ru *.tiktok.vn
*.tiktokapis.com *.tiktokcdn-eu.com *.tiktokcdn-in.com *.tiktokcdn-us.com *.tiktokcdn.com *.tiktokcreativeone.com *.tiktokforbusinessoutbound.com
*.tiktokglobalshop.com *.tiktokmusic.me *.tiktokrow-cdn.com *.tiktokshop.com *.tiktokstaticb.com *.tiktokus.info *.tiktokv.com *.tiktokv.eu *.tiktokv.us
*.tiktokvapp.com *.tiktokw.eu *.tiktokw.us *.topbuzzcdn.com *.ttlstatic.com *.ttlstatic.com *.ttwstatic.com *.ttwstatic.com *.vimeo.com *.vodupload.com *.xzcs3zlp.com *.yahoo.co.jp
*.yhgfb-static.com *.youtube-nocookie.com *.zhiliaoapp.com api.music.apple.com code.jquery.com facebook.com google.com i.ticketweb.com images.universe.com
media.ticketmaster.eu play.itunes.apple.com res.cloudinary.com sl.ticket.net static-label.frontgatetickets.com static.captchami.com t.co tiktoks.com tiktok.com
tiktok.ua tiktok.vn tiktokfollowersfree.com tiktokv.com tx4lv.arkoselabs.com unpkg.com vimeo.com sf-website-login-bak.tiktokcdn.com; connect-src 'unsafe-inline'
blob: data:; frame-ancestors tea-va.bytedance.net www.tiktok.com; frame-src bytedance: *.kakao.com *.tiktok.com access.line.me accounts.google.com api.twitter.com
appleid.apple.com assets.braintreegateway.com client-api.arkoselabs.com h.online-metrix.net lf16-web.tiktokcdn.com newassets.hcaptcha.com recaptcha.google.com
tx4lv.arkoselabs.com www.facebook.com www.google.com; script-src 'report-sample' 'unsafe-eval' 'inline-speculation-rules' 'wasms-unsafe-eval' accounts.google.com
apis.google.com c.paypal.com cdnjs.cloudflare.com client-api.arkoselabs.com code.jquery.com connect.facebook.net developers.kakao.com googleads.g.doubleclick.net js-
cdn.music.apple.com/musickit/v3/musickit.js js.hcaptcha.com js.hsforms.net lf16-cdn-tos.tiktokcdn-us.com/obj/static-tx/bric-captcha/core-captcha/ pay.google.com
recaptcha.google.com s20.tiktokcdn.com s3.amazonaws.com sf16-website-login.neutral.tiktokcdn-eu.com/obj/tiktok_web_login_static_eu/pns/tiktok-cookie-banner/ sf16-
website-login.neutral.ttwstatic.com sf16-website.neutral.ttwstatic.com ssl.bing.com static.captchami.com tiktok.captchami.com tx4lv.arkoselabs.com unpkg.com
vimeo.com www.google.com www.googleadservices.com www.googleapis.com www.gstatic.com www.vimeo.com sf-website-login-bak.tiktokcdn.com
appleid.cdn-apple.com; worker-src www.tiktok.com/business/sw.js www.tiktok.com/embed/sw.js www.tiktok.com/firebase-messaging-sw.js www.tiktok.com/help/sw.js
www.tiktok.com/sw.js www.tiktok.com/tiktokstudio/static/worker/ www.tiktok.com/tiktokstudio/sw.js www.tiktok.com/web-static-js/ www.tiktok.com/webapp-
```

```
desktop/static/worker/",
  "39": "content-security-policy-report-only: report-uri
https://mon.tiktokv.com/monitor_browser/collect/batch/security/?bid=tiktok_pns&ev_type=csp&p=7bMffKqyqUbn8PMzRuxmsz&v=9&s=296&b=oab; report-to csp-endpoint; upgrade-
insecure-requests; script-src 'report-sample' 'inline-speculation-rules' 'wasm-unsafe-eval' accounts.google.com apis.google.com appleid.cdn-apple.com c.paypal.com
cdn.ampproject.org cdnjs.cloudflare.com client-api.arkoselabs.com code.jquery.com connect.facebook.net developers.kakao.com googleads.g.doubleclick.net
interactives.ap.org js-cdn.music.apple.com/musickit/v3/musickit.js js.hcaptcha.com js.hsforms.net lf16-cdn-tos.tiktokcdn-us.com/obj/static-tx/bric-captcha/core-
captcha/ pay.google.com recaptcha.google.com s20.tiktokcdn.com s3.amazonaws.com sf-teko-source.tiktokcdn.com sf-website-login-bak.tiktokcdn.com sf16-website-
login.neutral.tiktokcdn-eu.com/obj/tiktok_web_login_static_eu/pns/tiktok-cookie-banner/ sf16-website-login.neutral.ttwstatic.com sf16-website.neutral.ttwstatic.com
sf16m-website-login.neutral.ttwstatic.com static.captchami.com tiktok.captchami.com tx41v.arkoselabs.com unpkg.com vimeo.com www.google.com
www.googleadservices.com www.googleapis.com www.googletagmanager.com www.gstatic.com www.vimeo.com",
  "40": "server: TLB",
  "41": "x-tt-logid: 20260704032322F64AAF26939A7346C28E",
  "42": "x-origin-response-time: 9,23.62.97.118",
  "43": "x-akamai-request-id: 11142be0.d94b3cf9",
  "44": "expires: Fri, 03 Jul 2026 19:23:22 GMT",
  "45": "cache-control: max-age=0, no-cache, no-store",
  "46": "pragma: no-cache",
  "47": "date: Fri, 03 Jul 2026 19:23:22 GMT",
  "48": "x-cache: TCP_MISS from a23-47-159-130.deploy.akamaitechnologies.com (AkamaiGHost/22.5.4-b620ca40a6c21d08122eeb20d0541579) (-)",
  "49": "x-cache-remote: TCP_MISS from a23-62-97-118.deploy.akamaitechnologies.com (AkamaiGHost/22.5.4-b620ca40a6c21d08122eeb20d0541579) (-)",
  "50": "x-tt-trace-tag: id=l6;cdn-cache=miss;type=dyn",
  "51": "server-timing: cdn-cache; desc=MISS, edge; dur=3, origin; dur=9",
  "52": "x-parent-response-time: 11,23.47.159.130"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	23.45.176.169
Connect Time	6.97 ms
TTFB	48.97 ms
Total Time	49.08 ms

Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "server: AkamaiGHost",
  "2": "content-length: 0",
  "3": "location: https://www.tiktok.com/",
  "4": "expires: Fri, 03 Jul 2026 19:23:22 GMT",
  "5": "cache-control: max-age=0, no-cache, no-store",
  "6": "pragma: no-cache",
  "7": "date: Fri, 03 Jul 2026 19:23:22 GMT",
  "8": "x-cache: TCP_MISS from a23-211-252-167.deploy.akamaitechnologies.com (AkamaiGHost/22.5.4-e2b2230ea5a6543481b6c2e5e3518506) (-)",
  "9": "x-tt-trace-tag: id=l6;cdn-cache=miss;type=dyn",
  "10": "server-timing: cdn-cache; desc=MISS, edge; dur=0, origin; dur=0",
  "11": "x-akamai-request-id: c010386",
  "13": "HTTP/2 200",
  "14": "content-type: text/html",
  "15": "surrogate-control: no-store",
  "16": "x-tt-system-error: 3",
  "17": "proxy-status: 0000201200062000",
  "18": "strict-transport-security: max-age=31536000; includeSubDomains",
  "19": "access-control-expose-headers: x-tt-traceflag,x-tt-logid",
  "20": "x-tt-trace-host:
01fb2e49ecc3235becc8b1489d3ec2a8d9dfb5d047c30dba37e2343c5e1abe0446c5b5316ea1b71e200d87a41d57a8366c4482da178c6b75379bd7778fdce42974bcfcb26cd5ca127857dc12a87ddd67",
  "21": "x-tt-trace-id: 00-2607040323222650764302AB9C4148F0-089E2DB00C780598-00",
  "22": "reporting-endpoints: csp-
endpoint=https://mon.tiktokv.com/monitor_browser/collect/batch/security/?bid=tiktok_pns&ev_type=csp&p=7bMffKqyqUbn8PMzRuxmsz&v=9&s=296&b=oab",
  "23": "content-security-policy: report-uri
https://mon.tiktokv.com/monitor_browser/collect/batch/security/?bid=tiktok_pns&ev_type=csp&p=7bMffKqyqUbn8PMzRuxmsz&v=5&s=296&b=oab; report-to csp-endpoint; upgrade-
insecure-requests; default-src 'self' 'unsafe-eval' 'unsafe-inline' blob: bytedance: data: wss://*.tiktok.com wss://*.tiktokv.com wss://*.tiktokv.eu wss://tiktok.com
wss://tiktok.com *.adsintegrity.net *.akamaized.net *.amazonaws.com *.bing.com *.bitssec.com *.bytedapm.com *.bytedgame.com *.bytehwm-row.com *.byteicdn.com
*.byteintl.com *.byteintl.net *.byteintlapi.com *.byteintlstatic.com *.bytelemon.com *.byteoversea.com *.byteoversea.net *.bytevcloudapi.com *.capcut.com
*.cloudflare.com *.ctfassets.net *.doubleclick.net *.evbuc.com *.eventim.de *.facebook.com *.facebook.net *.fbssbx.com *.fcdnstatic-intl.com *.fdmstatic.com *.g-p-
static.com *.gauthmath.com *.giphy.com *.goofy-cdn.com *.goofy-app *.google.com *.googleadservices.com *.googleapis.com *.googlesyndication.com
*.googletagmanager.com *.gstatic.com *.hsforms.com *.hsforms.net *.ibytedtos.com *.ibyteimg.com *.isnssdk.com *.jumio.ai *.kakao.com *.lemon8-app.com *.lemon8cdn.com
*.licdn.com *.linkedin.com *.midtrans.com *.muscdn.com *.musical.ly *.oecstatic.com *.omise.co *.pangle-ads.com *.paypal.com *.pipopay.com *.pipopayment.com
*.pipopayment.us *.redditstatic.com *.resso.me *.sgsnssdk.com *.soundon.global *.tableau.com *.tenor.com *.tiktok-row.net *.tiktok.com *.tiktok.ru *.tiktok.vn
*.tiktokapis.com *.tiktokcdn-eu.com *.tiktokcdn-in.com *.tiktokcdn-us.com *.tiktokcdn.com *.tiktokcreativeone.com *.tiktokforbusinessoutbound.com
*.tiktokglobalshop.com *.tiktokmusic.me *.tiktokrow-cdn.com *.tiktokshop.com *.tiktokstaticb.com *.tiktokus.info *.tiktokv.com *.tiktokv.eu *.tiktokv.us
*.tiktokvapp.com *.tiktokw.eu *.tiktokw.us *.topbuzzcdn.com *.ttlivedcdn.com *.ttlstatic.com *.ttwstatic.com *.vimeo.com *.vodupload.com *.xzcs3zlp.com *.yahoo.co.jp
*.yhgfb-static.com *.youtube-nocookie.com *.zhiliaoapp.com api.music.apple.com code.jquery.com facebook.com google.com i.ticketweb.com images.universe.com
media.ticketmaster.eu play.itunes.apple.com res.cloudinary.com sl.ticketm.net static-label.frontgatetickets.com static.captchami.com t.co tiktoks.com tiktok.com
tiktok.ua tiktok.vn tiktokfollowersfree.com tiktokv.com tx41v.arkoselabs.com unpkg.com vimeo.com sf-website-login-bak.tiktokcdn.com; connect-src 'unsafe-inline'
blob: data;; frame-ancestors tea-va.bytedance.net www.tiktok.com; frame-src bytedance: *.kakao.com *.tiktok.com access.line.me accounts.google.com api.twitter.com
```

```
appleid.apple.com assets.braintreegateway.com client-api.arkoselabs.com h.online-metrix.net lf16-web.tiktokcdn.com newassets.hcaptcha.com recaptcha.google.com
tx41v.arkoselabs.com www.facebook.com www.google.com; script-src 'report-sample' 'unsafe-eval' 'inline-speculation-rules' 'wasm-unsafe-eval' accounts.google.com
apis.google.com c.paypal.com cdnjs.cloudflare.com client-api.arkoselabs.com code.jquery.com connect.facebook.net developers.kakao.com googleads.g.doubleclick.net js-
cdn.music.apple.com/musickit/v3/musickit.js js.hcaptcha.com js.hsforms.net lf16-cdn-tos.tiktokcdn-us.com/obj/static-tx/bric-captcha/core-captcha/ pay.google.com
recaptcha.google.com s20.tiktokcdn.com s3.amazonaws.com sf16-website-login.neutral.tiktokcdn-eu.com/obj/tiktok_web_login_static_eu/pns/tiktok-cookie-banner/ sf16-
website-login.neutral.ttwstatic.com sf16-website.neutral.ttwstatic.com ssl.bing.com static.captchami.com tiktok.captchami.com tx41v.arkoselabs.com unpkg.com
vimeo.com www.google.com www.googleadservices.com www.googleapis.com www.googletagmanager.com www.gstatic.com www.vimeo.com sf-website-login-bak.tiktokcdn.com
appleid.cdn-apple.com; worker-src www.tiktok.com/business/sw.js www.tiktok.com/embed/sw.js www.tiktok.com/firebase-messaging-sw.js www.tiktok.com/help/sw.js
www.tiktok.com/sw.js www.tiktok.com/tiktokstudio/static/worker/ www.tiktok.com/tiktokstudio/sw.js www.tiktok.com/web-static-js/ www.tiktok.com/webapp-
desktop/static/worker/";
"24": "content-security-policy-report-only: report-uri
https://mon.tiktokv.com/monitor_browser/collect/batch/security/?bid=tiktok_pns&ev_type=csp&p=7bMffKqyQbn8PMzRuxmsz6v=9&s=296&b=oab; report-to csp-endpoint; upgrade-
insecure-requests; script-src 'report-sample' 'inline-speculation-rules' 'wasm-unsafe-eval' accounts.google.com apis.google.com appleid.cdn-apple.com c.paypal.com
cdn.ampproject.org cdnjs.cloudflare.com client-api.arkoselabs.com code.jquery.com connect.facebook.net developers.kakao.com googleads.g.doubleclick.net
interactives.ap.org js-cdn.music.apple.com/musickit/v3/musickit.js js.hcaptcha.com js.hsforms.net lf16-cdn-tos.tiktokcdn-us.com/obj/static-tx/bric-captcha/core-
captcha/ pay.google.com recaptcha.google.com s20.tiktokcdn.com s3.amazonaws.com sf-teko-source.tiktokcdn.com sf-website-login-bak.tiktokcdn.com sf16-website-
login.neutral.tiktokcdn-eu.com/obj/tiktok_web_login_static_eu/pns/tiktok-cookie-banner/ sf16-website-login.neutral.ttwstatic.com sf16-website.neutral.ttwstatic.com
sf16m-website-login.neutral.ttwstatic.com ssl.bing.com static.captchami.com tiktok.captchami.com tx41v.arkoselabs.com unpkg.com vimeo.com www.google.com
www.googleadservices.com www.googleapis.com www.googletagmanager.com www.gstatic.com www.vimeo.com";
"25": "server: TLB",
"26": "x-tt-logid: 202607040323222650764302AB9C4148F0",
"27": "x-origin-response-time: 5,2.22.241.75",
"28": "x-akamai-request-id: 5a795d84.b307bbcf",
"29": "expires: Fri, 03 Jul 2026 19:23:22 GMT",
"30": "cache-control: max-age=0, no-cache, no-store",
"31": "pragma: no-cache",
"32": "date: Fri, 03 Jul 2026 19:23:22 GMT",
"33": "x-cache: TCP_MISS from a23-47-159-131.deploy.akamaitechnologies.com (AkamaiGHost/22.5.4-b620ca40a6c21d08122eeb20d0541579) (-)",
"34": "x-cache-remote: TCP_MISS from a2-22-241-75.deploy.akamaitechnologies.com (AkamaiGHost/22.5.4-b620ca40a6c21d08122eeb20d0541579) (-)",
"35": "x-tt-trace-tag: id=l6;cdn-cache=miss;type=dyn",
"36": "server-timing: cdn-cache; desc=MISS, edge; dur=9, origin; dur=5",
"37": "x-parent-response-time: 14,23.47.159.131"
}
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.000868 0.009334
TCP Connect IPv4 → port 443	301 0.001470 0.039471

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
```