

IPv6 Readiness Report

snapchat.com — snapchat.com



Scan to verify

Category: Social Media • Generated: 04 Jul 2026, 22:40 MYT • Last Checked: 04 Jul 2026, 03:24 MYT • Verification ID: d6bf7edc-ac23-4f72-a07a-7cb6028f7b4d

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

Audit trail: <https://ipv6.my6.my/audit/d6bf7edc-ac23-4f72-a07a-7cb6028f7b4d>

<p>X</p> <p>Non-Compliant</p> <p>MGv6C-1.0</p>	<p>47%</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>
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<p>IPv4 ADDRESSES</p> <p>34.149.46.130</p>

Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	Google LLC
Country	US
ASN	AS396982
ASN Name	GOOGLE-CLOUD-PLATFORM - Google LLC, US
Network (CIDR)	34.128.0.0/10

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.	
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.	

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

Email Services (25%) 4 / 6

#	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: google._domainkey
7	DMARC Record	PASS	DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	34.149.46.130
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 366ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 327ms TTFB.

Audit Trail & Evidence Record

Verification ID	d6bf7edc-ac23-4f72-a07a-7cb6028f7b4d
Domain	snapchat.com
Check Mode	Scheduled
Status	Completed
Started	04 Jul 2026, 03:24:12 MYT
Finished	04 Jul 2026, 03:24:39 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/d6bf7edc-ac23-4f72-a07a-7cb6028f7b4d

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	12f35d9d71deee4b27745eb5f5b0a22333884f4176c1e5f772fa525b4cd31362
http_headers	511c838d74d2d1f3c9b375af61fd40dcb07bd6fdd58bcb8b4ee7308ab280af4b
dns_responses	f1ec5b49c1573fec109cb8bef23c333012e3a6dff9d3fad3f0db9bba1953afcc
tls_handshake	99db94fc0030b5d8207d640230ff88333e2ddb55eb0ad97e3dfd1506bfca602a
connectivity_log	53c6c7a53f9908dfa6f3e6f14b43c83fc8fbbc569ee57deb33adc879ec6edea3
dns_resolution_times	688894ff3a8f1e062b06680261d59005b06f4606ba3a9a8c7b270dffcf5fa4aa

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	29.32	30.64	30.69	38.16	+1.4
Google	IPv4	41.03	41.17	29.48	41.43	-11.6
Google	IPv6	41.21	71.77	28.85	41.93	-12.4
Cloudflare	IPv4	25.42	29.46	25.96	26.67	+0.5
Cloudflare	IPv6	22.51	27.77	39.15	40.77	+16.6

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 40483
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
snapchat.com. 00600IN A 34.149.46.130
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 21306
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com. 0008750IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1783106636 1800 900 604800 900
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 40189
;; flags: qr rd ra; QUERY: 1, ANSWER: 5, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
snapchat.com. 0086400IN MX 20 alt1.aspmx.l.google.com.
snapchat.com. 0086400IN MX 30 alt2.aspmx.l.google.com.
snapchat.com. 0086400IN MX 40 aspmx2.googlemail.com.
snapchat.com. 0086400IN MX 50 aspmx3.googlemail.com.
snapchat.com. 0086400IN MX 10 aspmx.l.google.com.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 30536
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
snapchat.com. 0086400IN NS ns-1892.awsdns-44.co.uk.
snapchat.com. 0086400IN NS ns-220.awsdns-27.com.
snapchat.com. 0086400IN NS ns-530.awsdns-02.net.
snapchat.com. 0086400IN NS ns-1468.awsdns-55.org.
```

TXT

```
;; Truncated, retrying in TCP mode.
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 25398
;; flags: qr rd ra; QUERY: 1, ANSWER: 37, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
snapchat.com. 00300IN TXT "segment-site-verification=e6U89hyQcmGvDFTApWYKvbj7NFSMu8zj"
snapchat.com. 00300IN TXT "shopify-verification-code=6AbSmjYHNX0f0CzG0oBfncSsCVJfgT"
snapchat.com. 00300IN TXT "smartsheet-site-validation=dw0Mi fosV2eGg1JG9ZTtiGpSGNuikybj"
snapchat.com. 00300IN TXT "snapchat-domain-verification-zx5hxx=Q7zL5FmxwFKyQW0uKc4b1Sh7k"
snapchat.com. 00300IN TXT "v=spf1 include:_spf.google.com include:mail.zendesk.com include:aspmx.pardot.com -all"
snapchat.com. 00300IN TXT "yahoo-verification-key=T1Hbkkgw9CrF2nr93/q/Zb+IzUPXWSZEmqh1G5VCds0="
snapchat.com. 00300IN TXT "yahoo-verification-key=hbsSgAjggYm9aXgBQSA5APr5RkaTlmtGltCMIExo="
snapchat.com. 00300IN TXT "yahoo-verification-key=xUKCyvTR9ya3lyjYFuWPLGfSFLC/5C0y2txg4crrEbw="
snapchat.com. 00300IN TXT "3ae8f0a14f7a4c98a9023fe8947467bd"
snapchat.com. 00300IN TXT "MS=255BA8D56417782169DA12894F5A53521A65F7F2"
snapchat.com. 00300IN TXT "TAILSCALE-bAU9TfNGoz4id4hioxcp"
snapchat.com. 00300IN TXT "_hh9zpxhf35itout7v7mwibqktr44s3s"
snapchat.com. 00300IN TXT "adobe-idp-site-verification=1b7089e1333b1302c4f425ff60baae967ac377d76fb6aa7bb61c9f0282fd664d"
snapchat.com. 00300IN TXT "anthropic-domain-verification-kg6835=FrP90V31rmtT7Cu3plqLLMEX"
snapchat.com. 00300IN TXT "apple-domain-verification=hAi0YbrGn5ny4wm"
```

```

snapchat.com.003000INQTXTP"atlassian-domain-verification=P7v4/0SuI03V2xsQfPTYYZLbRwBN1QkqBg4E/zqmJVvywKraMaJRbamwKk2vWrX0"
snapchat.com.003000INQTXTP"atlassian-domain-verification=TH6BFQJRvZM36e0pNbXcEI/RpTrqBb2JDxzoBsBLa3RajLrpmc6pK6Quau40P70a"
snapchat.com.003000INQTXTP"atlassian-domain-verification=t2mP/OxdJvz/S28h3o/5eg0c105U1aKneVRngll9cfhI4Un8gQxYaQjIPVaKpKpT"
snapchat.com.003000INQTXTP"autodesk-domain-verification=56bhF0FKFgY957I6SLKW"
snapchat.com.003000INQTXTP"canva-site-verification=blQT_XTq0BtV9rXZPJYTVg"
snapchat.com.003000INQTXTP"docker-verification=2351a4bf-bc17-42ff-8fca-521e86376280"
snapchat.com.003000INQTXTP"dropbox-domain-verification=oypu2eeh56yg"
snapchat.com.003000INQTXTP"google-site-verification=Eo-pwhENGkrh6E74BafjjhK4dGk081Tv12bUn5UPSY"
snapchat.com.003000INQTXTP"google-site-verification=Ro2UVvcjx7U_bRc-_HAUELM0xwk4Y6n5FX9F0t8BDsQ"
snapchat.com.003000INQTXTP"google-site-verification=bgzZGVg0r4py5YcPQHFZYJFJbarBD_shCxIvJQ51grI"
snapchat.com.003000INQTXTP"google-site-verification=eye-nbnjs2nv4ll-8vo9ijpgkdvyrs8h2j_lbkp-t0"
snapchat.com.003000INQTXTP"google-site-verification=tHsCd67KywyjuYvvr7V9I4PFTXXzn48z-jvPm20yBE"
snapchat.com.003000INQTXTP"https://issues.sonatype.org/browse/OSSRH-54682"
snapchat.com.003000INQTXTP"hubspot-developer-verification=Zjk1NTNlNmYtODAxNi00YzNhLTgzNGEtY2JlNWQyNGRhZmFk"
snapchat.com.003000INQTXTP"jamf-site-verification=_Y2-z-8UweEkmdMZsNbTJg"
snapchat.com.003000INQTXTP"logmein-verification-code=fd76bf0c-ec62-4587-bb84-4511579e41f4"
snapchat.com.003000INQTXTP"miro-verification=b341b9dfb098865b7517b6c662e94e5538603be4"
snapchat.com.003000INQTXTP"nyy2gbb26yz2kntxp7ynycsvql0sw71"
snapchat.com.003000INQTXTP"onetrust-domain-verification=32eb1654587e494fbd3b4f8a54a6b57f"
snapchat.com.003000INQTXTP"onetrust-domain-verification=faca66624bfe477db467f97c7583b7ba"
snapchat.com.003000INQTXTP"openai-domain-verification=dv-qRVXfFNUY6fVpEXy5skTuRnd"
snapchat.com.003000INQTXTP"pardot_346841_*=de35b68dd0e766cfba41cc068f8b424a6ce7ac92052cb30fe9a4a55ac88a0583"
    
```

AAAA

```

;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 10645
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
snapchat.com.008750INQSOA ns-220.awsdns-27.com. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400
    
```

RRSIG

```

ns-220.awsdns-27.com. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400
    
```

DNSKEY

```

;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 11626
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
snapchat.com.008750INQSOA ns-220.awsdns-27.com. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400
    
```

DNSSEC_VALIDATION

```

; unsigned answer
snapchat.com.008750INQSOA ns-220.awsdns-27.com. awsdns-hostmaster.amazon.com. 1 7200 900 1209600 86400
    
```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	34.149.46.130
Connect Time	39.48 ms
TTFB	362.67 ms
Total Time	362.88 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Cache-Control: private",
  "2": "Location: https://snapchat.com:443/",
  "3": "Content-Length: 0",
  "4": "Date: Fri, 03 Jul 2026 19:24:38 GMT",
  "5": "Content-Type: text/html; charset=UTF-8",
  "7": "HTTP/2 301",
  "8": "cache-control: private",
  "9": "location: https://www.snapchat.com:443/",
  "10": "content-length: 0",
  "11": "date: Fri, 03 Jul 2026 19:24:38 GMT",
  "12": "content-type: text/html; charset=UTF-8",
  "13": "alt-svc: h3=\":443\"; ma=2592000,h3-29=\":443\"; ma=2592000",
  "15": "HTTP/2 200",
  "16": "cache-control: public, max-age=10800, s-maxage=10800, stale-while-revalidate=5400",
  "17": "x-frame-options: DENY",
  "18": "x-xss-protection: 0",
  "19": "content-security-policy: connect-src 'self' blob: https://gcp.api.snapchat.com https://aws.api.snapchat.com https://*.google-analytics.com https://*.analytics.google.com https://stats.g.doubleclick.net https://*.googletagmanager.com https://www.snapchat.com https://app.snapchat.com https://sentry.sc-prod.net https://us-central1-gcp.api.snapchat.com https://accounts.snapchat.com ws: wss: https://static.snapchat.com https://cdn.contentful.com https://story.snapchat.com https://hcaptcha.com https://*.hcaptcha.com https://www.google.com/recaptcha/ https://session.snapchat.com https://graphql.contentful.com https://cf-st.sc-cdn.net https://app.snapchat.com https://s.sc-cdn.net https://bolt-gcdn.sc-cdn.net https://growth-web-dev-tool.mesh.sc-corp.net https://accounts.google.com https://iap.googleapis.com; img-src 'self' blob: data: https://support-tools.storage.googleapis.com https://www.snapchat.com https://story.snapchat.com https://cf-st.sc-cdn.net https://*.google-analytics.com https://*.googletagmanager.com data: https://www.google.com https://www.google.co.uk https://www.google.com.sa https://www.google.ca https://www.google.fr https://www.google.com.au https://www.google.com https://static.snapchat.com https://images.bitmoji.com https://impala-media-production.s3.amazonaws.com https://bolt-gcdn.sc-cdn.net https://lens-storage.storage.googleapis.com https://community-lens.storage.googleapis.com https://lens-preview-storage.storage.googleapis.com https://app.snapchat.com https://sc-static-web-assets-prod.s3.amazonaws.com https://storage.googleapis.com https://media-cdn.tripadvisor.com https://a.mktgcdn.com; media-src https://bolt-gcdn.sc-cdn.net https://static.snapchat.com https://s.sc-cdn.net https://cf-st.sc-cdn.net blob:; script-src 'wasn-unsafe-eval' 'self' https://static.snapchat.com https://www.google-analytics.com https://*.googletagmanager.com https://hcaptcha.com https://*.hcaptcha.com https://www.google.com/recaptcha/ https://www.gstatic.com/recaptcha/ 'sha256-x63VpzGo4edC0z5G/8kRnL3ML+nCT850mDUIbVAQRtM='; style-src 'self' https://static.snapchat.com https://hcaptcha.com https://*.hcaptcha.com 'unsafe-inline'; default-src 'self'; font-src 'self' https://snap-design-system.storage.googleapis.com https://ads-interfaces.sc-cdn.net https://static.snapchat.com; object-src 'self' *.snapchat.com *.snap.com blob:; frame-ancestors https://localhost:3000 https://www.snapchat.com; frame-src https://iframe.arkoselabs.com https://hcaptcha.com https://*.hcaptcha.com https://www.google.com/recaptcha/ https://recaptcha.google.com/recaptcha/; report-uri ; report-to ; upgrade-insecure-requests ; block-all-mixed-content",
  "20": "strict-transport-security: max-age=31536000",
  "21": "strict-transport-security: max-age=31536000; includeSubDomains",
  "22": "x-request-id: f946012e-ad0a-4ebf-b188-9cblc7e8160d",
  "23": "x-snap-client-country: MY",
  "24": "vary: x-gcp-device-type, x-gcp-client-region, Accept-Encoding",
  "25": "x-powered-by: Next.js",
  "26": "etag: \"khs4ts4ssyzuc\"",
  "27": "content-type: text/html; charset=utf-8",
  "28": "content-length: 46470",
  "29": "date: Fri, 03 Jul 2026 19:24:39 GMT",
  "30": "x-envoy-upstream-service-time: 15",
  "31": "server: API Gateway",
  "32": "via: 1.1 google",
  "33": "x-gcp-cache-status: miss",
  "34": "alt-svc: h3=\":443\"; ma=2592000,h3-29=\":443\"; ma=2592000"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	34.149.46.130
Connect Time	24.06 ms
TTFB	334.09 ms
Total Time	334.19 ms

Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "cache-control: private",
  "2": "location: https://www.snapchat.com:443/",
  "3": "content-length: 0",
  "4": "date: Fri, 03 Jul 2026 19:24:39 GMT",
  "5": "content-type: text/html; charset=UTF-8",
  "6": "alt-svc: h3=\":443\"; ma=2592000",
  "8": "HTTP/2 200",
  "9": "cache-control: public, max-age=10800, s-maxage=10800, stale-while-revalidate=5400",
  "10": "x-frame-options: DENY",
  "11": "x-xss-protection: 0",
  "12": "content-security-policy: connect-src 'self' blob: https://gcp.api.snapchat.com https://aws.api.snapchat.com https://*.google-analytics.com https://*.analytics.google.com https://stats.g.doubleclick.net https://*.googletagmanager.com https://www.snapchat.com https://app.snapchat.com https://sentry.sc-prod.net https://us-central1-gcp.api.snapchat.com https://accounts.snapchat.com ws: wss: https://static.snapchat.com https://cdn.contentful.com https://story.snapchat.com https://hcaptcha.com https://*.hcaptcha.com https://www.google.com/recaptcha/ https://session.snapchat.com https://graphql.contentful.com https://cf-st.sc-cdn.net https://app.snapchat.com https://s.sc-cdn.net https://bolt-gcdn.sc-cdn.net https://growth-web-dev-tool.mesh.sc-corp.net https://accounts.google.com https://iap.googleapis.com; img-src 'self' blob: data: https://support-tools.storage.googleapis.com https://www.snapchat.com https://story.snapchat.com https://cf-st.sc-cdn.net https://*.google-analytics.com https://*.googletagmanager.com data: https://www.google.com https://www.google.co.uk https://www.google.com.sa https://www.google.ca https://www.google.fr https://www.google.com.no https://www.google.com.au https://static.snapchat.com https://images.bitmoji.com https://impala-media-production.s3.amazonaws.com https://bolt-gcdn.sc-cdn.net https://lens-storage.storage.googleapis.com https://community-lens.storage.googleapis.com https://lens-preview-storage.storage.googleapis.com https://app.snapchat.com https://sc-static-web-assets-prod.s3.amazonaws.com https://storage.googleapis.com https://media-cdn.tripadvisor.com https://a.mktgcdn.com; media-src https://bolt-gcdn.sc-cdn.net https://static.snapchat.com https://s.sc-cdn.net https://cf-st.sc-cdn.net blob:; script-src 'wasm-unsafe-eval' 'self' https://static.snapchat.com https://www.google-analytics.com https://*.googletagmanager.com https://hcaptcha.com https://*.hcaptcha.com https://www.google.com/recaptcha/ https://www.gstatic.com/recaptcha/ 'sha256-x63VpzGo4edC0z5G/8kRnL3ML+nCT850mDUIbVAQrTM='; style-src 'self' https://static.snapchat.com https://hcaptcha.com https://*.hcaptcha.com 'unsafe-inline'; default-src 'self'; font-src 'self' https://snap-design-system.storage.googleapis.com https://ads-interfaces.sc-cdn.net https://static.snapchat.com; object-src 'self' *.snapchat.com *.snap.com blob:; frame-ancestors https://localhost:3000 https://www.snapchat.com; frame-src https://iframe.arkoselabs.com https://hcaptcha.com https://*.hcaptcha.com https://www.google.com/recaptcha/ https://recaptcha.google.com/recaptcha/; report-uri ; report-to ; upgrade-insecure-requests ; block-all-mixed-content",
  "13": "strict-transport-security: max-age=31536000",
  "14": "strict-transport-security: max-age=31536000; includeSubDomains",
  "15": "x-request-id: c4be472a-996f-457e-aa9d-475236af99ae",
  "16": "x-snap-client-country: MY",
  "17": "vary: x-gcp-device-type, x-gcp-client-region, Accept-Encoding",
  "18": "x-powered-by: Next.js",
  "19": "etag: \"10sou3sx3xxzuc\"",
  "20": "content-type: text/html; charset=utf-8",
  "21": "content-length: 46470",
  "22": "date: Fri, 03 Jul 2026 19:24:39 GMT",
  "23": "x-envoy-upstream-service-time: 24",
  "24": "server: API Gateway",
  "25": "via: 1.1 google",
  "26": "x-gcp-cache-status: miss",
  "27": "alt-svc: h3=\":443\"; ma=2592000"
}
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.009103 0.019858
TCP Connect IPv4 → port 443	301 0.008207 0.043484

Test Node Network Evidence

Node Profile	dual stack
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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
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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
```