

IPv6 Readiness Report

business.bofa.com — business.bofa.com



Scan to verify

Category: Banking • Generated: 04 Jul 2026, 22:40 MYT • Last Checked: 04 Jul 2026, 03:03 MYT • Verification ID: b620e8f6-8abc-4687-a8e3-545f77c72029

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

Audit trail: <https://ipv6.my6.my/audit/b620e8f6-8abc-4687-a8e3-545f77c72029>

<p>X</p> <p>Non-Compliant</p> <p>MGv6C-1.0</p>	<p>20%</p> <p>No IPv6 Support</p>	<p>IPv6-ONLY READINESS</p> <p>Website: X Not Ready</p> <p>DNS: X Not Ready</p> <p>Email: X Not Ready</p>
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IPv4 ADDRESSES
23.45.176.196
23.45.176.226

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%) 1 / 5			
#	CHECK	RESULT	DETAIL
1	NS Has AAAA Record	FAIL	No nameserver has an AAAA record.
2	NS Reachable via IPv6	FAIL	No nameserver is reachable over IPv6.
3	NS Answers Queries via IPv6	FAIL	Nameserver does not answer queries over IPv6.
4	DNSSEC Validated	PASS	DNSSEC fully validated.
5	Reverse DNS (PTR)	FAIL	No PTR record found.
6	DS Record at Parent	PASS	DS record found at parent zone.
7	RRSIG Valid	FAIL	No valid RRSIG found.

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

Email Services (25%) 0 / 6

#	CHECK	RESULT	DETAIL
1	MX Record Exists	FAIL	No MX record found in DNS.
2	MX Server Has IPv6	FAIL	MX server has no IPv6 address.
3	SMTP Reachable via IPv6	FAIL	SMTP is not reachable over IPv6.
4	STARTTLS over IPv6	FAIL	STARTTLS not available over IPv6.
5	SPF Record	FAIL	No SPF record found.
6	DKIM Selector	INFO	No common DKIM selector found.
7	DMARC Record	FAIL	No DMARC record found.

IPv4 Baseline (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	A Record	PASS	23.45.176.196, 23.45.176.226
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 367ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 454ms TTFB.

Audit Trail & Evidence Record

Verification ID	b620e8f6-8abc-4687-a8e3-545f77c72029
Domain	business.bofa.com
Check Mode	Scheduled
Status	Completed
Started	04 Jul 2026, 03:03:09 MYT
Finished	04 Jul 2026, 03:03:21 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/b620e8f6-8abc-4687-a8e3-545f77c72029

Integrity Verification

✓ INTEGRITY VERIFIED	
Algorithm	hmac-sha256-v1
Root Hash	767374daf60ed1840b7e9231c1e0efad5dbffb2b46da60763eac48facf7fbf0e
http_headers	ac195f319fb3f9ecee95f57654ac8a7711d6dc7ec9fe98a72240f6e01babd65
dns_responses	89ed6f182bfc1085fb4508247218d3ad5602a04753a4176abac1d88033bd754
tls_handshake	c7441165e436e9e682d5c692d1a9d58b869265d8db4c5eb13021aa76bfb8e48b
connectivity_log	6fb0d2f9a2118b348d2c7c035ad5f60b49de4d5189c3ae7613ff994ab6488ef2
dns_resolution_times	9e3d3fc2284146ac5f3917e0be7403d11e09fe54d9987366dbd973cc56e4d236

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	87.24	106.67	97.75	113.11	+10.5
Google	IPv4	114.72	129.72	61.37	66.75	-53.4
Google	IPv6	67.54	71.23	62.87	64.39	-4.7
Cloudflare	IPv4	59.67	68.04	60.51	93.91	+0.8
Cloudflare	IPv6	78.55	81.27	67.65	80.6	-10.9

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 32108
;; flags: qr rd ra; QUERY: 1, ANSWER: 4, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
business.bofa.com. 592 IN CNAME about.bankofamerica.com.edgekey.net.
about.bankofamerica.com.edgekey.net. 893 IN CNAME e205394.a.akamaiedge.net.
e205394.a.akamaiedge.net. 13 IN A 23.45.176.226
e205394.a.akamaiedge.net. 13 IN A 23.45.176.196
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 29160
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
business.bofa.com. 592 IN CNAME about.bankofamerica.com.edgekey.net.
about.bankofamerica.com.edgekey.net. 893 IN CNAME e205394.a.akamaiedge.net.

;; AUTHORITY SECTION:
a.akamaiedge.net. 1000 IN SOA n0a.akamaiedge.net. hostmaster.akamai.com. 1783105397 1000 1000 1000 1800
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 28370
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
business.bofa.com. 592 IN CNAME about.bankofamerica.com.edgekey.net.
about.bankofamerica.com.edgekey.net. 893 IN CNAME e205394.a.akamaiedge.net.

;; AUTHORITY SECTION:
a.akamaiedge.net. 1000 IN SOA n0a.akamaiedge.net. hostmaster.akamai.com. 1783105397 1000 1000 1000 1800
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 1168
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
business.bofa.com. 592 IN CNAME about.bankofamerica.com.edgekey.net.
about.bankofamerica.com.edgekey.net. 893 IN CNAME e205394.a.akamaiedge.net.

;; AUTHORITY SECTION:
a.akamaiedge.net. 1000 IN SOA n0a.akamaiedge.net. hostmaster.akamai.com. 1783105397 1000 1000 1000 1800
```

TXT

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 63988
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
business.bofa.com. 592 IN CNAME about.bankofamerica.com.edgekey.net.
about.bankofamerica.com.edgekey.net. 893 IN CNAME e205394.a.akamaiedge.net.

;; AUTHORITY SECTION:
a.akamaiedge.net. 1000 IN SOA n0a.akamaiedge.net. hostmaster.akamai.com. 1783105397 1000 1000 1000 1800
```

AAAA

```
;; Got answer:
```

```
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 38838
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
business.bofa.com. 592 IN CNAME about.bankofamerica.com.edgekey.net.
about.bankofamerica.com.edgekey.net. 893 IN CNAME e205394.a.akamaiedge.net.

;; AUTHORITY SECTION:
a.akamaiedge.net. 1000 IN SOA n0a.akamaiedge.net. hostmaster.akamai.com. 1783105397 1000 1000 1000 1800
```

RRSIG

```
about.bankofamerica.com.edgekey.net.
CNAME 8 3 600 20260708015636 20260628010644 46314 bofa.com. GnMGHa9LEv6yRpJs07NLALPzZzmB02bo8HJmG1/KoM6bYfSIoq8F9x8N
reghlk1JahzWdMtg8mVqDmYfKB20cE5CEa9eYULAYi2P3nemfQMliw DITCCeXrfME0e/StAD5Datv4Bs0rIsefAxyuKYrSkjUWhdmXyWfuoFd lsU=
e205394.a.akamaiedge.net.
```

DNSKEY

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 42004
;; flags: qr rd ra; QUERY: 1, ANSWER: 2, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
business.bofa.com. 592 IN CNAME about.bankofamerica.com.edgekey.net.
about.bankofamerica.com.edgekey.net. 893 IN CNAME e205394.a.akamaiedge.net.

;; AUTHORITY SECTION:
a.akamaiedge.net. 1000 IN SOA n0a.akamaiedge.net. hostmaster.akamai.com. 1783105397 1000 1000 1000 1800
```

DNSSEC_VALIDATION

```
;; resolution failed: ncache nxrrset
; fully validated
business.bofa.com. 592 IN CNAME about.bankofamerica.com.edgekey.net.
business.bofa.com. 592 IN RRSIG CNAME 8 3 600 20260708015636 20260628010644 46314 bofa.com. GnMGHa9LEv6yRpJs07NLALPzZzmB02bo8HJmG1/KoM6bYfSIoq8F9x8N
reghlk1JahzWdMtg8mVqDmYfKB20cE5CEa9eYULAYi2P3nemfQMliw DITCCeXrfME0e/StAD5Datv4Bs0rIsefAxyuKYrSkjUWhdmXyWfuoFd lsU=

; unsigned answer
about.bankofamerica.com.edgekey.net. 893 IN CNAME e205394.a.akamaiedge.net.
; e205394.a.akamaiedge.net. 1000 IN \-SOA\;-NXRRSET
; a.akamaiedge.net. SOA n0a.akamaiedge.net. hostmaster.akamai.com. 1783105397 1000 1000 1000 1800
```



```

Mk/y1fLAGZnxVraj8Gw21+VzgruFSYQ2D4iWKM6d23rdLm0LAN1t3rmg9FI0u8Ts
L8ChdE3sIY7jIR367vS7RWX3Dccu7JeNE5FhG6xY6DxBTmFLRehLrnPPbKvGAUB0
z0ABMm40mgZJDxoAhCo53kFgfqNTFS1GcPG3c9nFmw==
-----END CERTIFICATE-----
1 s:C = US, 0 = DigiCert Inc, CN = DigiCert EV RSA CA G2
i:C = US, 0 = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G2
a:PKKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
v:NotBefore: Jul  2 12:42:50 2020 GMT; NotAfter: Jul  2 12:42:50 2030 GMT
-----BEGIN CERTIFICATE-----
MIIFPDCCBCSgAwIBAgIQAWepH++IIlXYSKc0a3uyIDANBgkqhkiG9w0BAQsFADBh
MQswCQYDVQQGEwJVUzEVMBMGA1UEChMMRGLnaUNLcnQgSW5jMRkwFwYDVQQLExB3
d3cuZGlnaWNaWNLcnQuY29tMSAwHgyYDQDEXdEaWdpQ2VydCBHbG9iYWwUm9vdCBH
MjAeFw0yMDA3MDIxMjQyNTBhFw0zMDA3MDIxMjQyNTBhMEQxCzAJBgNVBAYTALVT
MRUwEwYDVQQKEwxEaWdpQ2VydCBJbmMxHjAcBgNVBAMTFURpZ2lDZXJ0IEVWIFJT
QSBDOQBHMjCCASISwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAK0eZsx/neTr
f4MXJz0R2fJTIDfn8AwJAU7hy4gI0vp708LAAHx2h3bbf8wL+pGMSxaJK9fDDCD
63FqfBqE9eTmo3RkgQhLu55a04LsXRLcK6crk000djdonybmhrfGrTBqYvbRat
xenkv0Sg4frhRl4wYh4dnW0L0VRGhbt1G5Q19zm9CqMlq7LlUdAE+6d3a5++ppfG
cnWlmbEVEcLHPAnbL+/iKauQpQUl1Mi+wEBnjE5tK8Q778naXnF+DsedQJ7NEi+b
QoonTHEz9ryeEcUHuQTv7nApa/zCqes5LXn1pMs4LZJ35VgkTLj+RbBov/uiwTX
tkBEWawvZH8CAwEAAoCAGswggIHMB0GA1UdDgQWBRRqTLC/mGidW3sgddRZAXLI
ZpIyBjAfbgNVHSMEDAwgBR0ILQgGJXm427mD/r6uRLtBhePOTA0BgNVHQ8BAf8E
BAMCAYYwHQYDVR0LBBYwFAYIKwYBBQUHAWEGCCsGAQUFwMCMBIGA1UdEwEB/wQI
MAYBAf8CAQAwNAYIKwYBBQUHAQEEDAmMCQGCCsGAQUFBzABhhodHRwOi8vb2Nz
cC5kaWdpY2VydC5jb20wewYDVR0FBHQwcjA3oDWgM4YxaHR0cDovL2NybdMuZGln
aWNaWNLcnQuY29tL0RrZ2lDZXJ0R2xvYmFsUm9vdEcyLmNybdA3oDWgM4YxaHR0cDov
L2NybdQuZGlnaWNaWNLcnQuY29tL0RrZ2lDZXJ0R2xvYmFsUm9vdEcyLmNybdCBzYD
VR0gBIHGMIHDMIHABgRVHSAAMIg3MCGCCsGAQUFBwIBFhodHRwczovL3d3dy5k
aWdpY2VydC5jb20vQ1BTMIGKBggRBgEFBQcCAjB+DHxBbnkgdXNlIG9mIHRoaXMg

```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	23.45.176.226
Connect Time	13 ms
TTFB	758.58 ms
Total Time	758.75 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Content-Length: 0",
  "2": "Location: https://business.bofa.com/",
  "3": "Date: Fri, 03 Jul 2026 19:03:20 GMT",
  "4": "Connection: keep-alive",
  "5": "Set-Cookie: FPID=65f9f59f-1d2c-4388-bdd8-e0b485a6b560:exp=1817665400; expires=Sat, 07-Aug-2027 19:03:20 GMT; path=/; domain=.bofa.com; secure; HttpOnly; SameSite=Lax",
  "6": "Set-Cookie: FPID_CLIENT=65f9f59f-1d2c-4388-bdd8-e0b485a6b560; expires=Sat, 07-Aug-2027 19:03:20 GMT; path=/; domain=.bofa.com; secure; SameSite=Lax",
  "7": "X-BAC-AKM-C: ON",
  "9": "HTTP/2 301",
  "10": "content-type: text/html; charset=iso-8859-1",
  "11": "content-length: 263",
  "12": "x-frame-options: SAMEORIGIN",
  "13": "x-frame-options: SAMEORIGIN",
  "14": "Location: https://business.bofa.com/content/boaml/en_us/home.html",
  "15": "cache-control: no-cache, no-store, max-age=0",
  "16": "expires: Mon, 09 Dec 1996 16:00:00 GMT",
  "17": "x-ua-compatible: IE=Edge",
  "18": "x-xss-protection: 1; mode=block",
  "19": "pragma: no-cache",
  "20": "access-control-allow-credentials: true",
  "21": "x-content-type-options: nosniff",
  "22": "date: Fri, 03 Jul 2026 19:03:20 GMT",
  "23": "set-cookie: FPID=eab71c25-ce81-4a04-ad15-b3a35b77ff02:exp=1817665400; expires=Sat, 07-Aug-2027 19:03:20 GMT; path=/; domain=.bofa.com; secure; HttpOnly; SameSite=Lax",
  "24": "set-cookie: FPID_CLIENT=eab71c25-ce81-4a04-ad15-b3a35b77ff02; expires=Sat, 07-Aug-2027 19:03:20 GMT; path=/; domain=.bofa.com; secure; SameSite=Lax",
  "25": "strict-transport-security: max-age=31536000",
  "26": "x-bac-akm-c: ON",
  "28": "HTTP/2 200",
  "29": "content-type: text/html; charset=UTF-8",
  "30": "x-frame-options: SAMEORIGIN",
  "31": "x-frame-options: SAMEORIGIN",
  "32": "content-security-policy: default-src 'self' data: blob; script-src 'self' 'sha256-PDCh5VeDfe/iHIJExhXDGkYK4CPkmuHfMskNGTun5U=' 'sha256-tGCAY79zMW94DgRaBsZosm/7cizDEgokLj0wt181CGk=' 'sha256-Moqq3U+rgUW0c5F6kpcB8jsALUY7xQEgDa74XS0mLj4=' 'nonce-onetrust-style' 'nonce-rAnd0m' https: data: blob: *.baml.com *.ml.com *.merrilledge.com *.bankofamerica.com *.bofa.com www.merrill.com snap.licdn.com p.adsymptotic.com cdn.linkedin.oribi.io gw.linkedin.oribi.io vjs.zencdn.net bofa.demdex.net tags.tiqcdn.com bcbolt446c5271-a.akamaihd.net hlsak-a.akamaihd.net bankofamerica.tt.omtrdc.net testdata.coremetrics.com analytics.twitter.com www.facebook.com www.linkedin.com dc.ads.linkedin.com maps.googleapis.com fonts.googleapis.com 1359940.fl.doubleclick.net googleads.g.doubleclick.net stats.g.doubleclick.net adservice.google.com www.youtube.com www.google-analytics.com c.betrad.com www.googletagmanager.com api.company-target.com insight.adsrvr.org test.salesforce.com login.salesforce.com d.agkn.com znczucicndmh7vpb-bankofamerica.siteintercept.qualtrics.com zn78njubwkodhg8ht-bankofamerica.siteintercept.qualtrics.com cdn.cookieclaw.org geolocation.onetrust.com www.knotch-cdn.com units.knotch.it aq-sp-api.knotch.it; font-src 'self' https: *.bankofamerica.com *.bofa.com *.bac-assets.com *.ml.com vjs.zencdn.net *.ml.com fonts.gstatic.com fonts.googleapis.com data:; style-src 'self' 'sha256-1oxMqRDBwWoU+IAGxQUhYEk30zCELxvRfhZyjYQpsgc=' 'sha256-r0h4425Qgt1U0iKgpZdfaA+GP2RJqCXbTGNShxJm/9A=' 'sha256-9taW36ZJyjXhe+X7Eg3Tu3BV17VCx72TJQh1upGTvMc=' 'sha256-KxdIAY0X65VjzYMz0Mb2p3/HcFIDzTvzewJXBxofU=' 'sha256-l/7ET3ZiNDGHEgc7950LN0zE31ue8rgJLtr2091tBNc=' 'nonce-rAnd0m' 'nonce-onetrust-style' *.bankofamerica.com *.bofa.com *.bac-assets.com *.ml.com tags.tiqcdn.com cdn.cookieclaw.org cdnapisec.kaltura.com analytics.kaltura.com cfvod.kaltura.com fonts.googleapis.com; frame-src 'self' *.bankofamerica.com *.bofa.com *.bac-assets.com *.ml.com td.doubleclick.net www.googletagmanager.com 1359940.fl.doubleclick.net insight.adsrvr.org ct.pinterest.com match.adsrvr.org tr.snapchat.com ww.knotch-cdn.com units.knotch.it aq-sp-api.knotch.it; connect-src 'self' *.bankofamerica.com *.bofa.com *.bac-assets.com *.ml.com cdn.cookieclaw.org www.googleadservices.com www.google.com www.googletagmanager.com geolocation.onetrust.com privacyportal-bofa.my.onetrust.com www.google-analytics.com px.ads.linkedin.com px4.ads.linkedin.com dc.ads.linkedin.com cdnapisec.kaltura.com analytics.kaltura.com cfvod.kaltura.com maps.googleapis.com mapsresources-pa.googleapis.com bat.bing.com insight.adsrvr.org linkedin.com p.adsymptotic.com cdn.linkedin.oribi.io gw.linkedin.oribi.io analytics.pinterest.com znczucicndmh7vpb-bankofamerica.siteintercept.qualtrics.com zn78njubwkodhg8ht-bankofamerica.siteintercept.qualtrics.com adobedc.demdex.net www.knotch-cdn.com units.knotch.it aq-sp-api.knotch.it pixel-config.reddit.com www.redditstatic.com conversions-config.reddit.com tr.snapchat.com api.company-target.com; worker-src 'self' blob:; media-src 'self' blob: *.baml.com *.ml.com *.merrilledge.com *.bac-assets.com *.bankofamerica.com *.bofa.com cdnapisec.kaltura.com analytics.kaltura.com cfvod.kaltura.com data:; img-src 'self' *.baml.com *.ml.com *.merrilledge.com *.bac-assets.com *.bankofamerica.com *.bofa.com data: bat.bing.com px.ads.linkedin.com p.adsymptotic.com cdn.linkedin.oribi.io gw.linkedin.oribi.io googleads.g.doubleclick.net www.google.com cdn.cookieclaw.org ad.doubleclick.net www.googletagmanager.com cdnapisec.kaltura.com analytics.kaltura.com cfvod.kaltura.com cdnsecakmi.kaltura.com alb.reddit.com maps.gstatic.com maps.googleapis.com mapsresources-pa.googleapis.com;',
  "33": "last-modified: Fri, 03 Jul 2026 12:30:21 GMT",
  "34": "etag: \"3d023-655b4169aa87f-gzip\"",
  "35": "x-ua-compatible: IE=Edge",
  "36": "x-xss-protection: 1; mode=block",
  "37": "access-control-allow-credentials: true",
  "38": "x-content-type-options: nosniff",
  "39": "x-ua-compatible: IE=Edge",
  "40": "expires: Fri, 03 Jul 2026 19:03:20 GMT",
}
```

```

"41": "cache-control: max-age=0, no-cache, no-store",
"42": "pragma: no-cache",
"43": "date: Fri, 03 Jul 2026 19:03:20 GMT",
"44": "set-cookie: ApplicationGatewayAffinityCORS=d336129dbcf3590273d5d44e71cc948a; Path=/; SameSite=None; Secure",
"45": "set-cookie: ApplicationGatewayAffinity=d336129dbcf3590273d5d44e71cc948a; Path=/",
"46": "set-cookie: FPID=3b745c9a-19b7-4dfb-849c-091b48e2a8a5:exp=1817665400; expires=Sat, 07-Aug-2027 19:03:20 GMT; path=/; domain=.bofa.com; secure; HttpOnly; SameSite=Lax",
"47": "set-cookie: FPID_CLIENT=3b745c9a-19b7-4dfb-849c-091b48e2a8a5; expires=Sat, 07-Aug-2027 19:03:20 GMT; path=/; domain=.bofa.com; secure; SameSite=Lax",
"48": "strict-transport-security: max-age=31536000",
"49": "x-bac-akm-c: ON"
}
    
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	23.45.176.196
Connect Time	2 ms
TTFB	406.49 ms
Total Time	406.62 ms

Response Headers:

```

{
  "0": "HTTP/2 301",
  "1": "content-type: text/html; charset=iso-8859-1",
  "2": "content-length: 263",
  "3": "x-frame-options: SAMEORIGIN",
  "4": "x-frame-options: SAMEORIGIN",
  "5": "location: https://business.bofa.com/content/boaml/en_us/home.html",
  "6": "cache-control: no-cache, no-store, max-age=0",
  "7": "expires: Mon, 09 Dec 1996 16:00:00 GMT",
  "8": "x-ua-compatible: IE=Edge",
  "9": "x-xss-protection: 1; mode=block",
  "10": "pragma: no-cache",
  "11": "access-control-allow-credentials: true",
  "12": "x-content-type-options: nosniff",
  "13": "date: Fri, 03 Jul 2026 19:03:20 GMT",
  "14": "set-cookie: FPID=12f9ff32-1130-4ddf-ae7f-cc7500b1ecf7:exp=1817665400; expires=Sat, 07-Aug-2027 19:03:20 GMT; path=/; domain=.bofa.com; secure; HttpOnly; SameSite=Lax",
  "15": "set-cookie: FPID_CLIENT=12f9ff32-1130-4ddf-ae7f-cc7500b1ecf7; expires=Sat, 07-Aug-2027 19:03:20 GMT; path=/; domain=.bofa.com; secure; SameSite=Lax",
  "16": "strict-transport-security: max-age=31536000",
  "17": "x-bac-akm-c: ON",
  "19": "HTTP/2 200",
  "20": "content-type: text/html; charset=UTF-8",
  "21": "x-frame-options: SAMEORIGIN",
  "22": "x-frame-options: SAMEORIGIN",
  "23": "content-security-policy: default-src 'self' data: blob; script-src 'self' 'sha256-PDCh5VeDfe/iHIJExhXDgKYK4CPkmuHfMskNGTun5U=' 'sha256-tGCAY79zMW94DgRaBsZosm/7cizDEgokLjOwtl8LcGk=' 'sha256-Moqg3U+rgUW0c5F6kpcB8jsALUY7x0EgDa74XS0mLj4=' 'nonce-onetrust-style' 'nonce-rAnd0m' https: data: blob: *.baml.com *.ml.com *.merrilledge.com *.bankofamerica.com *.bofa.com www.merrill.com snap.licdn.com p.adsymptotic.com cdn.linkedin.oribi.io gw.linkedin.oribi.io vjs.zencdn.net bofa.demdex.net tags.tiqcdn.com bcbolt446c5271-a.akamaihd.net hlsak-a.akamaihd.net bankofamerica.tt.omtrdc.net testdata.coremetrics.com analytics.twitter.com twitter.com www.facebook.com www.linkedin.com dc.ads.linkedin.com maps.googleapis.com fonts.googleapis.com 1359940.fl.doubleclick.net googleads.g.doubleclick.net stats.g.doubleclick.net adservice.google.com www.youtube.com www.google-analytics.com c.betrad.com www.googletagmanager.com api.company-target.com insight.adsrvr.org test.salesforce.com login.salesforce.com d.agkn. znczuxiczdndmh7vpb-bankofamerica.siteintercept.qualtrics.com zn78njubwkodhg8ht-bankofamerica.siteintercept.qualtrics.com cdn.cookieclaw.org geolocation.onetrust.com www.knotch-cdn.com units.knotch.it aq-sp-api.knotch.it; font-src 'self' https: *.bankofamerica.com *.bofa.com *.bac-assets.com *.ml.com vjs.zencdn.net *.ml.com fonts.gstatic.com fonts.googleapis.com data; style-src 'self' 'sha256-10xMqRDBwWou+IAGxQUhYEk30zCELxvRfhZyjYQpsgc=' 'sha256-r0h4425Qgt1U0iKgpZdfaA+GP2RJqCXbTGNShxJm/9A=' 'sha256-dbjJo6uHy2dZ013xApZu0SotERho1DiHjh0f2xPW0xM=' 'sha256-KxdIAY0X65VjqzYMz0Mb2p3/HcFIDzTvzewvJXBxofU=' 'sha256-l/7ET3ZiNDGHEgc7950LN0zE3lue8rgJLtr209ltBNc=' 'nonce-rAnd0m' 'nonce-onetrust-style' *.bankofamerica.com *.bofa.com *.bac-assets.com *.ml.com tags.tiqcdn.com cdn.cookieclaw.org cdnapisec.kaltura.com analytics.kaltura.com cfvod.kaltura.com fonts.googleapis.com; frame-src 'self' *.bankofamerica.com *.bofa.com *.bac-assets.com *.ml.com td.doubleclick.net www.googletagmanager.com 1359940.fl.doubleclick.net insight.adsrvr.org ct.pinterest.com match.adsrvr.org tr.snapchat.com www.knotch-cdn.com units.knotch.it aq-sp-api.knotch.it; connect-src 'self' *.bankofamerica.com *.bofa.com *.bac-assets.com *.ml.com cdn.cookieclaw.org www.googleadservices.com www.google.com www.googletagmanager.com geolocation.onetrust.com privacyportal-bofa.my.onetrust.com www.google-analytics.com px.ads.linkedin.com px4.ads.linkedin.com dc.ads.linkedin.com cdnapisec.kaltura.com analytics.kaltura.com cfvod.kaltura.com maps.googleapis.com mapsresources-pa.googleapis.com bat.bing.com insight.adsrvr.org linkedin.com p.adsymptotic.com cdn.linkedin.oribi.io gw.linkedin.oribi.io ct.pinterest.com znczuxiczdndmh7vpb-bankofamerica.siteintercept.qualtrics.com zn78njubwkodhg8ht-bankofamerica.siteintercept.qualtrics.com adobedc.demdex.net www.knotch-cdn.com units.knotch.it aq-sp-api.knotch.it pixel-config.reddit.com www.redditstatic.com conversions-config.reddit.com tr.snapchat.com api.company-target.com; worker-src 'self' blob; media-src 'self' blob: *.baml.com *.ml.com *.merrilledge.com *.bac-assets.com *.bankofamerica.com *.bofa.com cdnapisec.kaltura.com analytics.kaltura.com cfvod.kaltura.com data; img-src 'self' *.baml.com *.ml.com *.merrilledge.com *.bac-assets.com *.bankofamerica.com *.bofa.com data: bat.bing.com px.ads.linkedin.com p.adsymptotic.com cdn.linkedin.oribi.io gw.linkedin.oribi.io googleads.g.doubleclick.net www.google.com cdn.cookieclaw.org ad.doubleclick.net www.googletagmanager.com cdnapisec.kaltura.com analytics.kaltura.com cfvod.kaltura.com cdnsecakmi.kaltura.com alb.reddit.com maps.gstatic.com maps.googleapis.com mapsresources-pa.googleapis.com;',
  "24": "last-modified: Fri, 03 Jul 2026 12:30:28 GMT",
  "25": "etag: \"3d025-655b416f9760d-gzip\"",
  "26": "x-ua-compatible: IE=Edge",
  "27": "x-xss-protection: 1; mode=block",
  "28": "access-control-allow-credentials: true",
  "29": "x-content-type-options: nosniff",
  "30": "x-ua-compatible: IE=Edge",
}
    
```

```

"31": "expires: Fri, 03 Jul 2026 19:03:21 GMT",
"32": "cache-control: max-age=0, no-cache, no-store",
"33": "pragma: no-cache",
"34": "date: Fri, 03 Jul 2026 19:03:21 GMT",
"35": "set-cookie: ApplicationGatewayAffinityCORS=d0343527658af7c892b5104743b8f7fd; Path=/; SameSite=None; Secure",
"36": "set-cookie: ApplicationGatewayAffinity=d0343527658af7c892b5104743b8f7fd; Path=/",
"37": "set-cookie: FPID=37a68823-221d-4342-b0d6-1f8e97bf948b;exp=1817665400; expires=Sat, 07-Aug-2027 19:03:21 GMT; path=/; domain=.bofa.com; secure; HttpOnly; SameSite=Lax",
"38": "set-cookie: FPID_CLIENT=37a68823-221d-4342-b0d6-1f8e97bf948b; expires=Sat, 07-Aug-2027 19:03:21 GMT; path=/; domain=.bofa.com; secure; SameSite=Lax",
"39": "strict-transport-security: max-age=31536000",
"40": "x-bac-akm-c: ON"
    }
    
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.005156 0.014547
TCP Connect IPv4 → port 443	301 0.002552 0.148628

Test Node Network Evidence

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

Egress Connectivity

IPv4 Egress	unreachable
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
    
```