

IPv6 Readiness Report

db.com — db.com



Scan to verify

Category: Banking • Generated: 04 Jul 2026, 22:40 MYT • Last Checked: 04 Jul 2026, 03:03 MYT • Verification ID: 41797637-75d5-45de-872b-2b727f1cfd2e

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

Audit trail: <https://ipv6.my6.my/audit/41797637-75d5-45de-872b-2b727f1cfd2e>

<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
34.98.101.189

Network Information (WHOIS / RDAP)

IPv4 Network	
Organization	Google LLC
Country	US
ASN	AS396982
ASN Name	GOOGLE-CLOUD-PLATFORM - Google LLC, US
Network (CIDR)	34.64.0.0/10

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%) 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	34.98.101.189
2	HTTP over IPv4	PASS	HTTP (port 80) responds over IPv4 — 972ms TTFB.
3	HTTPS over IPv4	PASS	HTTPS (port 443) responds over IPv4 — 588ms TTFB.

Audit Trail & Evidence Record

Verification ID	41797637-75d5-45de-872b-2b727f1cfd2e
Domain	db.com
Check Mode	Scheduled
Status	Completed
Started	04 Jul 2026, 03:03:24 MYT
Finished	04 Jul 2026, 03:03:36 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/41797637-75d5-45de-872b-2b727f1cfd2e

Integrity Verification

<p>✓ INTEGRITY VERIFIED</p>	
Algorithm	hmac-sha256-v1
Root Hash	4d8810d13eb8ebe9aff89421dc05e2b34a6aa3f26f7d04794a3b7493e7bbf34e
http_headers	57c58a9e5c418a8140df4a554a3841ebf59c3f15843decea0ea8091e9b149ce3
dns_responses	4c286f28214efedbc484e7d0c0e7b33226c60630d94317d82a517eed2fde98b0
tls_handshake	b4ff91a7f6367bc21b16c4a82603b0e420e5e50597746504bf71f7bfab12115b
connectivity_log	b7abcb0f283472a681379e8c64bb95e6cc1ed82a608736c9a9702d507be7c821
dns_resolution_times	218cfc7effc7225de996273004e20c7bdafa7038c6faff7696d443e69386008c

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	24.83	33.43	24.61	54.56	-0.2
Google	IPv4	36.8	48.13	32.53	38.59	-4.3
Google	IPv6	38.65	45.42	42.94	62.32	+4.3
Cloudflare	IPv4	22.82	34.77	30.04	31.62	+7.2
Cloudflare	IPv6	29.01	35.17	35.51	220.1	+6.5

DNS Evidence

A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 35507
;; flags: qr rd ra; QUERY: 1, ANSWER: 1, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
db.com. 1800 IN A 34.98.101.189
```

DS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 33696
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com. 892 IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1783105396 1800 900 604800 900
```

MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 5753
;; flags: qr rd ra; QUERY: 1, ANSWER: 7, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
db.com. 1800 IN MX 10 smtp15.db.com.
db.com. 1800 IN MX 10 smtp24.db.com.
db.com. 1800 IN MX 10 smtp22.db.com.
db.com. 1800 IN MX 15 smtp23.db.com.
db.com. 1800 IN MX 10 smtp13.db.com.
db.com. 1800 IN MX 10 smtp14.db.com.
db.com. 1800 IN MX 10 smtp12.db.com.
```

NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 29381
;; flags: qr rd ra; QUERY: 1, ANSWER: 9, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
db.com. 1800 IN NS ns1.db-dns.de.
db.com. 1800 IN NS ns15.db-dns.de.
db.com. 1800 IN NS ns14.db-dns.de.
db.com. 1800 IN NS ns13.db-dns.de.
db.com. 1800 IN NS ns12.db-dns.de.
db.com. 1800 IN NS ns11.db-dns.de.
db.com. 1800 IN NS ns10.db-dns.de.
db.com. 1800 IN NS ns3.db-dns.de.
db.com. 1800 IN NS ns2.db-dns.de.
```

TXT

```
;; Truncated, retrying in TCP mode.
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 63639
;; flags: qr rd ra; QUERY: 1, ANSWER: 59, AUTHORITY: 0, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; ANSWER SECTION:
db.com. 1800 IN TXT
"0D2500000HC3n=1TBKH00000000G;00DKG000001G1S1=1TBKG000000KyLI;00DKL0000000YA=1TBKL00000000m;00DKG000000LB0c=1TBKG0000000Ie;00D7E000000Amn6=1TBK000000CaRC"
db.com. 1800 IN TXT "00D7Y0000001RKH=1TBKE000000Gma0"
db.com. 1800 IN TXT "QuoVadis=5bb6360c-7e69-4c23-900f-71ee79ef3351"
db.com. 1800 IN TXT "new-relic-domain-verification=6814daddb8c6477db31bf81d7185a987"
db.com. 1800 IN TXT "00D30000000mmL=1TBKI000000KyjQ"
db.com. 1800 IN TXT "00DKI000000LGRp=1TBKI0000004CAL"
db.com. 1800 IN TXT "00DKN0000000t5B=1TBKN000000Gmad"
```

```
db.com.00018000IN0TX0"adobe-idp-site-verification=ebd1b7c0129651c3c2c80e1d73e2a90e482cec20967920f87bd30a70728d0873"
db.com.00018000IN0TX0"google-site-verification=c9kQxLLWwNj1zVneLvCe2tquJrLkikBipCoyFrrV8VPw"
db.com.00018000IN0TX0"GCY2GABHZbRgfSmxtLuT"
db.com.00018000IN0TX0"00DKJ000000Gyfo=1TBKJ000000GmbH"
db.com.00018000IN0TX0"00DKI000000H0Wz=1TBKI000000000k"
db.com.00018000IN0TX0"QuoVadis=9a3e7de8-d044-492f-a47d-686e10d79be6"
db.com.00018000IN0TX0"QuoVadis=38336e67-d3bb-42bf-8b35-162af34db768"
db.com.00018000IN0TX0"QuoVadis=3e58dca1-dd1c-41c7-96e7-92338816c762"
db.com.00018000IN0TX0"QuoVadis=b46d77b0-bd9e-4c18-9c9f-d804d3d37169"
db.com.00018000IN0TX0"docker-verification=db44e2a4-eec3-460a-8891-9b6cf83c21ec"
db.com.00018000IN0TX0"00DKG000000Gyeu=1TBKG000000000k"
db.com.00018000IN0TX0"glsmq76hsdvy8z400wkkdyqr9vw4mw4"
db.com.00018000IN0TX0"1bj9e2QZ5yn5s5gh7Q15Cg9tBn3m"
db.com.00018000IN0TX0"00D0Y000001jgp6=1TBJ7000000TN1x"
db.com.00018000IN0TX0"00D6000001HRk7=1TBJ6000000000V"
db.com.00018000IN0TX0"00D20000000sKb=1TBKA000000Gma9"
db.com.00018000IN0TX0"00DK0000000H0CD=1TBK0000000Gmap"
db.com.00018000IN0TX0"zaU3GmK84cVY+XTX0KpAodECpvZv1evp5eDhPx/H2LP0Gz2z1PnF9UnlKi8q5ye2fQ60uQb8U15vSKIX5H495A=="
db.com.00018000IN0TX0"00DKJ000000LGEM=1TBKJ000000CaSM"
db.com.00018000IN0TX0"MS=ms94849899"
db.com.00018000IN0TX0"00DKE000000Gyaw=1TBKE000000CaSu"
db.com.00018000IN0TX0"QuoVadis=48509f83-4123-486b-80ce-1026da852815"
db.com.00018000IN0TX0"00D4L00000jV6d=1TBJ9000000PAsm"
db.com.00018000IN0TX0"atlassian-domain-verification=84JXpQbHahzPjiM1wU0GLHuC/ky7JExmSH5dduuggeRfV0Mhzt1hqxE6b2cdus58"
db.com.00018000IN0TX0"_globalsign-domain-verification=5YG0N9fG50s2PKBnJ1ncpuIMdnj59t7eg6-NMb8UTJr"
db.com.00018000IN0TX0"wLk48r6Lmwm6sxsfnrhphfLbyxgkrkrk"
db.com.00018000IN0TX0"00DKJ000000LMV8=1TBKJ000000GmbW"
db.com.00018000IN0TX0"v=spf1 ip4:160.83.0.0/16 ~all"
db.com.00018000IN0TX0"_globalsign-domain-verification=Vg1C9KB2JsBntPy6ucvXwGkT_dcFTZnMLQIqJ3HNE"
db.com.00018000IN0TX0"pexip-ms-tenant-domain-verification=9f599f8e-b982-44c2-a563-733f53652d58"
db.com.00018000IN0TX0"adobe-idp-site-verification=266841ad46f6a04739eceddfbc4c697b53bb31eda59acd14b65310c0601c5ccd2"
db.com.00018000IN0TX0"QuoVadis=7e856ef0-6a07-4454-a320-05abc34d4d41"
db.com.00018000IN0TX0"QuoVadis=5608ca33-3315-48bc-a04e-2c413c3038ef"
db.com.00018000IN0TX0"new-relic-domain-verification=137e43072d41470a854b41b90da97c48"
db.com.00018000IN0TX0"00DKI000000LTe6=1TBKI000000001Y"
db.com.00018000IN0TX0"00DKN0000001V7F=1TBKN0000004CAV"
db.com.00018000IN0TX0"00D59000000MMu=1TBDk0000004CAF"
db.com.00018000IN0TX0"apple-domain-verification=Bi9q52e7UmnGksjy"
db.com.00018000IN0TX0"figma-domain-verification=b683db153c43e78d2735c4d9bf4b28b7344d60c58587cf4217fb72c1af7479f-1723563559"
db.com.00018000IN0TX0"00D7000002Aomw=1TBj60000004CAQ"
db.com.00018000IN0TX0"docusign=76cef473-9b56-48fa-9f15-e60e674a3f66"
db.com.00018000IN0TX0"facebook-domain-verification=z9wptf16z583vs2l8t5wk6zypq0ddf"
db.com.00018000IN0TX0"zF5jiNgPRk8FttdeLKTv33ESlf2AoEicf9gyieQnzasDPtFM6UAgLk3GVv1kKvNvriGv5z2p3IK0TAmf0Jh6jq=="
db.com.00018000IN0TX0"00D30000000ZSR=1TBKk000000KyjB"
db.com.00018000IN0TX0"docusign=c2f928f1-7ede-41a1-bf8f-d2950667dab8"
db.com.00018000IN0TX0"google-site-verification=TfEbVn0BBIyKdZMGvyj5p6l3gruzN74lchZ2TjzNxo"
db.com.00018000IN0TX0"pexip-ms-tenant-domain-verification=value1,9f599f8e-b982-44c2-a563-733f53652d58"
db.com.00018000IN0TX0"d23a42a29b0840028a4af1557b98572f"
db.com.00018000IN0TX0"00D0000000reHt=1TBKC000000Lkj"
db.com.00018000IN0TX0"jpg4mDPzjFsb1WB6pRbXL2ZN90QRtGhKwcQAVnLT6Xs="
db.com.00018000IN0TX0"00D580000004Akk=1TBj8000000fxVU"
db.com.00018000IN0TX0"00DKI000000H0GK=1TBKI000000Kyk0"
```

AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 63095
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
db.com.000291IN0SOA0ns1.db-dns.de. hostmaster.db.com. 2002418137 10800 3600 2419200 300
```

RRSIG

```
ns1.db-dns.de. hostmaster.db.com. 2002418137 10800 3600 2419200 300
```

DNSKEY

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 63256
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
db.com.000291IN0SOA0ns1.db-dns.de. hostmaster.db.com. 2002418137 10800 3600 2419200 300
```

DNSSEC_VALIDATION

```
; unsigned answer
db.com. 1792 IN SOA ns1.db-dns.de. hostmaster.db.com. 2002418137 10800 3600 2419200 300
```


HTTP Response Evidence

IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	34.98.101.189
Connect Time	41.3 ms
TTFB	630.35 ms
Total Time	630.47 ms

Response Headers:

```
{
  "0": "HTTP/1.1 301 Moved Permanently",
  "1": "Cache-Control: private",
  "2": "Location: https://db.com:443/",
  "3": "Content-Length: 0",
  "4": "Date: Fri, 03 Jul 2026 19:03:34 GMT",
  "5": "Content-Type: text/html; charset=UTF-8",
  "7": "HTTP/2 301",
  "8": "cache-control: private",
  "9": "location: https://www.db.com:443/",
  "10": "content-length: 0",
  "11": "date: Fri, 03 Jul 2026 19:03:34 GMT",
  "12": "content-type: text/html; charset=UTF-8",
  "13": "alt-svc: h3=\":443\"; ma=2592000",
  "15": "HTTP/2 200",
  "16": "set-cookie: JSESSIONID=93D5EFD3B3E132B38D153A4BB7DCEA47; Path=/; Secure; HttpOnly; SameSite=Lax",
  "17": "set-cookie: opvc=6aa803b2-5e28-43a5-8a27-fe27640aa384; Path=/; SameSite=Lax",
  "18": "set-cookie: sitevisitscookie=1; Max-Age=153792000; Expires=Sun, 18-May-2031 19:03:35 GMT; Path=/; SameSite=Lax",
  "19": "set-cookie: dmid=f107a06a-7ab3-483a-b53e-918e1363aaa5; Max-Age=153792000; Expires=Sun, 18-May-2031 19:03:35 GMT; Path=/; SameSite=Lax",
  "20": "set-cookie: GCLB=CICJtLyKyveAggEQAw; path=/; HttpOnly; expires=Fri, 03-Jul-2026 19:13:35 GMT",
  "21": "vary: accept-encoding",
  "22": "content-type: text/html; charset=UTF-8",
  "23": "date: Fri, 03 Jul 2026 19:03:34 GMT",
  "24": "via: 1.1 google, 1.1 google",
  "25": "alt-svc: h3=\":443\"; ma=2592000",
  "26": "alt-svc: h3=\":443\"; ma=2592000, h3-29=\":443\"; ma=2592000",
  "27": "access-control-allow-origin: https://prod2.master.db.com",
  "28": "x-cache-hit: miss"
}
```

IPv4 HTTPS (port 443)

HTTP Status	200
Connected IP	34.98.101.189
Connect Time	22.3 ms
TTFB	736.91 ms
Total Time	736.98 ms

Response Headers:

```
{
  "0": "HTTP/2 301",
  "1": "cache-control: private",
  "2": "location: https://www.db.com:443/",
  "3": "content-length: 0",
  "4": "date: Fri, 03 Jul 2026 19:03:35 GMT",
  "5": "content-type: text/html; charset=UTF-8",
  "6": "alt-svc: h3=\":443\"; ma=2592000, h3-29=\":443\"; ma=2592000",
  "8": "HTTP/2 200",
  "9": "set-cookie: JSESSIONID=3D2C01FDEA76442FEF8409EC8EB57A09; Path=/; Secure; HttpOnly; SameSite=Lax",
  "10": "set-cookie: opvc=83ald564-499a-4e75-9442-bb9a40b752be; Path=/; SameSite=Lax",
  "11": "set-cookie: sitevisitscookie=1; Max-Age=153792000; Expires=Sun, 18-May-2031 19:03:35 GMT; Path=/; SameSite=Lax",
  "12": "set-cookie: dmid=bcdcfaf69-99bc-445e-93fa-c83079ee3247; Max-Age=153792000; Expires=Sun, 18-May-2031 19:03:35 GMT; Path=/; SameSite=Lax",
  "13": "set-cookie: GCLB=C0fA00yR56yxvQEAW; path=/; HttpOnly; expires=Fri, 03-Jul-2026 19:13:35 GMT",
  "14": "vary: accept-encoding",
  "15": "content-type: text/html; charset=UTF-8",
  "16": "date: Fri, 03 Jul 2026 19:03:34 GMT",
  "17": "via: 1.1 google, 1.1 google",
  "18": "alt-svc: h3=\":443\"; ma=2592000, h3-29=\":443\"; ma=2592000",
  "19": "alt-svc: h3=\":443\"; ma=2592000, h3-29=\":443\"; ma=2592000",
  "20": "access-control-allow-origin: https://prod2.master.db.com",
  "21": "x-cache-hit: miss"
}
```

```
}
```

Connectivity Test Evidence

Test	Result
TCP Connect IPv4 → port 80	301 0.012696 0.025901
TCP Connect IPv4 → port 443	301 0.009753 0.087869

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
```