

# IPv6 Readiness Report

db.com — db.com



Scan to verify

Category: Banking • Generated: 13 Jun 2026, 19:06 MYT • Last Checked: 13 Jun 2026, 00:48 MYT • Verification ID: ed4dfaad-c7a5-485e-b735-7ded28160b16

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

Audit trail: <https://ipv6.my6.my/audit/ed4dfaad-c7a5-485e-b735-7ded28160b16>

<p><b>X</b></p> <p><b>Non-Compliant</b></p> <p>MGv6C-1.0</p>	<p><b>43%</b></p> <p><b>No IPv6 Support</b></p>	<p><b>IPv6-ONLY READINESS</b></p> <p>Website: <b>X Not Ready</b></p> <p>DNS: <b>✓ Ready</b></p> <p>Email: <b>X Not Ready</b></p>
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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	<b>Signing Algorithm</b>	<b>INFO</b>	No DNSKEY record found.

**Email Services** (25%) 3 / 6

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

**IPv4 Baseline** (15%) 3 / 3

#	CHECK	RESULT	DETAIL
1	<b>A Record</b>	<b>PASS</b>	34.98.101.189
2	<b>HTTP over IPv4</b>	<b>PASS</b>	HTTP (port 80) responds over IPv4 — 650ms TTFB.
3	<b>HTTPS over IPv4</b>	<b>PASS</b>	HTTPS (port 443) responds over IPv4 — 658ms TTFB.

### Audit Trail & Evidence Record

Verification ID	ed4dfaad-c7a5-485e-b735-7ded28160b16
Domain	db.com
Check Mode	Scheduled
Status	Completed
Started	13 Jun 2026, 00:48:44 MYT
Finished	13 Jun 2026, 00:48:51 MYT
Test Node Profile	dual stack
Engine Version	2.0.0
MGv6C Version	1.0.0
Audit URL	https://ipv6.my6.my/audit/ed4dfaad-c7a5-485e-b735-7ded28160b16

### Integrity Verification

<b>✓ INTEGRITY VERIFIED</b>	
Algorithm	hmac-sha256-v1
Root Hash	e6301005e132011afd2458a03b4e78d1b78fe32a0fad56b76e82558befdf7ed
http_headers	2004f732ba0404553d262526372b458f2815435f8722ee9c19c67a40418440a3
dns_responses	2f483be93507adb84328cb0c4bf2b46305ec946ea850250c9c64566ca0c85e80
tls_handshake	b4ff91a7f6367bc21b16c4a82603b0e420e5e50597746504bf71f7bfab12115b
connectivity_log	c467c7a1d60820bd13fca157b801cded1b82ab3a9aec9446a152246ddaeb0ca0
dns_resolution_times	b2024b61d8434f7bfa028723939e11328c53bef3d3121b769017d06416f7f905

### 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	8.3.31
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	22.51	23.42	9.34	19.93	-13.2
Google	IPv4	21.82	30.04	27.31	35.92	+5.5
Google	IPv6	26.46	34.25	35.26	38.35	+8.8
Cloudflare	IPv4	29.81	33.59	25.91	29.54	-3.9
Cloudflare	IPv6	18.5	25.8	26.01	30.36	+7.5



## DNS Evidence

### A

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 42067
;; 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: 60571
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
com. 879 IN SOA a.gtld-servers.net. nstld.verisign-grs.com. 1781282893 1800 900 604800 900
```

### MX

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 31730
;; 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 15 smtp23.db.com.
db.com. 1800 IN MX 10 smtp22.db.com.
db.com. 1800 IN MX 10 smtp14.db.com.
db.com. 1800 IN MX 10 smtp24.db.com.
db.com. 1800 IN MX 10 smtp13.db.com.
db.com. 1800 IN MX 10 smtp15.db.com.
db.com. 1800 IN MX 10 smtp12.db.com.
```

### NS

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 19610
;; 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 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.com.
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.com.
db.com. 1800 IN NS ns1.db-dns.de.
db.com. 1800 IN NS ns15.db-dns.com.
```

### TXT

```
;; Truncated, retrying in TCP mode.
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 63938
;; 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 "zaU3GmK84cVY+TX0KpAodECpvZv1evp5eDhPx/H2lP0Gx2z1PnF9UnlKi8q5ye2f060uQb8U15vSKIX5H495A=="
db.com. 1800 IN TXT "figma-domain-verification=b683db153c43e78d2735c4d9bf4b82b7344d60c58587cf4217fb72c17af7479f-1723563559"
db.com. 1800 IN TXT "jpg4mDPzjFsb1WB6pRbXL2ZN90QrtGhKwcQAVnLT6Xs="
db.com. 1800 IN TXT "_globalsign-domain-verification=5YGDW9fG50s2kPBjNlcpuiMDnj59t7eg6-NMb8UTJr"
db.com. 1800 IN TXT "docker-verification=db44e2a4-ee3-460a-8891-9b6cf83c21ec"
db.com. 1800 IN TXT "1Bj9e2QZSyxn5sGh7Q15CG9tBn3m"
db.com. 1800 IN TXT "google-site-verification=TfEbVn08MIyKZDMGvyj5p6l3gruzN74lchZ2TjzXno"
db.com. 1800 IN TXT "pexip-ms-tenant-domain-verification=value1,9f599f8e-b982-44c2-a563-733f53652d58"
```

```
db.com.00018000IN0TXT0"pexip-ms-tenant-domain-verification=9f599f8e-b982-44c2-a563-733f53652d58"
db.com.00018000IN0TXT0"_globalsign-domain-verification=Vg1C9KB2JsBntPy6ucvXwCGkT_dcFTZnMLQIqJ3HNE"
db.com.00018000IN0TXT0"00DJ600000IHRk7=1TBj6000000000V"
db.com.00018000IN0TXT0"00D20000000sKb=1TBKA000000Gma9"
db.com.00018000IN0TXT0"00DKJ000000Gyf0=1TBKJ000000GmbH"
db.com.00018000IN0TXT0"00D7Y0000001RKh=1TBKE000000Gma0"
db.com.00018000IN0TXT0"00DKJ000000LGE=1TBKJ000000CaSM"
db.com.00018000IN0TXT0"00D58000004Aak=1TBj8000000fxvU"
db.com.00018000IN0TXT0
"00D2500000H3n=1TBKH000000000G;00DKG00000IG1SL=1TBKG000000KYL;00DKL000000H0YA=1TBKL00000000m;00DKG000000LBOc=1TBKG000000080Ie;00D7E000000Amn6=1TBK0000000CaRC"
db.com.00018000IN0TXT0"00DK0000000H0CD=1TBK0000000Gmap"
db.com.00018000IN0TXT0"00D0Y000001jgp6=1TBj7000000TN1x"
db.com.00018000IN0TXT0"00D590000000MMu=1TBdk0000004CAf"
db.com.00018000IN0TXT0"00D30000000ZSR=1TBKk000000KyjB"
db.com.00018000IN0TXT0"00DKN0000001V7F=1TBKN0000004CAV"
db.com.00018000IN0TXT0"00DKJ000000LMV8=1TBKJ000000GmbW"
db.com.00018000IN0TXT0"00DKI000000LGRp=1TBKI0000004CAL"
db.com.00018000IN0TXT0"00DKI000000LE6=1TBKI00000001Y"
db.com.00018000IN0TXT0"00DKE000000Gyaw=1TBKE000000CaSu"
db.com.00018000IN0TXT0"00DKI000000H0Wz=1TBKI00000000k"
db.com.00018000IN0TXT0"00DKI000000H0GK=1TBKI000000Kyk0"
db.com.00018000IN0TXT0"00D4L00000jV6d=1TBj9000000PAsm"
db.com.00018000IN0TXT0"00DKG000000Gyeu=1TBKG00000000k"
db.com.00018000IN0TXT0"00DKN0000000t5B=1TBKN000000Gmad"
db.com.00018000IN0TXT0"00D7Q000002Aomw=1TBj60000004CAQ"
db.com.00018000IN0TXT0"00D300000000mmL=1TBKI000000KyjQ"
db.com.00018000IN0TXT0"00D00000000reHt=1TBKC000000oLk"
db.com.00018000IN0TXT0"atlassian-domain-verification=84JXpQBhAhzPjiM1wU0GLHuC/ky7JExmSHsduuggeRfV0Mhzt1hqxE6b2cdus58"
db.com.00018000IN0TXT0"adobe-idp-site-verification=ebd1b7c0129651c3c2c80e1d73e2a90e482cec20967920f87bd30a7072d0873"
db.com.00018000IN0TXT0"adobe-idp-site-verification=266841ad46f6a04739ecddfbca697b53bb31eda59acd14b65310c0601c5ccd2"
db.com.00018000IN0TXT0"zF5jingPrk8FtddeLKTv33ESLf2AoEicf9gyieQnzsdPtFM6UAg1k3GvV1kKVNvriGv5z2p3IKQTAmf0jh6jq=="
db.com.00018000IN0TXT0"google-site-verification=c9kQxLLwWj1zVNeVce2tquJrLkBIpCoyFrrV8VPw"
db.com.00018000IN0TXT0"facebook-domain-verification=z9wptfi6z583vs2l8t5wk6zypq0ddf"
db.com.00018000IN0TXT0"docusign=c2f928f1-7ede-41a1-bf8f-d2950667dab8"
db.com.00018000IN0TXT0"docusign=76cef473-9b56-48fa-9f15-e60e674a3f66"
db.com.00018000IN0TXT0"QuoVadis=b46d77b0-bd9e-4c18-9c9f-d804d3d37169"
db.com.00018000IN0TXT0"QuoVadis=9a3e7de8-d044-492f-a47d-686e10d79be6"
db.com.00018000IN0TXT0"QuoVadis=83836e67-d3bb-42bf-8b35-162af34db768"
db.com.00018000IN0TXT0"QuoVadis=7e856ef0-6a07-4454-a320-05abc34d4d41"
db.com.00018000IN0TXT0"QuoVadis=5608ca33-3315-48bc-a04e-2c413c3038ef"
db.com.00018000IN0TXT0"QuoVadis=48509f83-4123-486b-80ce-1026da852815"
db.com.00018000IN0TXT0"QuoVadis=3e58dca1-dd1c-41c7-96e7-92338816c762"
db.com.00018000IN0TXT0"apple-domain-verification=Bi9q52e7UmnGksjy"
db.com.00018000IN0TXT0"wLk48r6Lmwm6sxsfnrhhpflbyxg9krk"
db.com.00018000IN0TXT0"glsmq76hsdvy86z400wkkdyqr9vw4mw4"
db.com.00018000IN0TXT0"d23a42a29b0840028a4af1557b98572f"
db.com.00018000IN0TXT0"v=spf1 ip4:160.83.0.0/16 ~all"
db.com.00018000IN0TXT0"GCY2GABHZbRGfSmtluT"
db.com.00018000IN0TXT0"MS=ms94849899"
db.com.00018000IN0TXT0"QuoVadis=5bb6360c-7e69-4c23-900f-71ee79ef3351"
db.com.00018000IN0TXT0"new-relic-domain-verification=6814daddb8c6477db31bf81d7185a987"
db.com.00018000IN0TXT0"new-relic-domain-verification=137e43072d41470a854b41b90da97c48"
```

## AAAA

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 59848
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
db.com.0002960IN0SOA0ns1.db-dns.de. hostmaster.db.com. 2002417906 10800 3600 2419200 300
```

## RRSIG

```
ns1.db-dns.de. hostmaster.db.com. 2002417906 10800 3600 2419200 300
```

## DNSKEY

```
;; Got answer:
;; -->HEADER<<- opcode: QUERY, status: NOERROR, id: 64688
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 1, ADDITIONAL: 1

;; OPT PSEUDOSECTION:
; EDNS: version: 0, flags:; udp: 1232
;; AUTHORITY SECTION:
db.com.0002950IN0SOA0ns1.db-dns.de. hostmaster.db.com. 2002417906 10800 3600 2419200 300
```

---

**DNSSEC\_VALIDATION**

```
; unsigned answer
db.com. 1795 IN SOA ns1.db-dns.de. hostmaster.db.com. 2002417906 10800 3600 2419200 300
```



TLS Handshake Evidence

IPV4 Connection

IP Used	34.98.101.189
IP Version	4

```
depth=2 C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G2
verify return:1
depth=1 C = US, O = DigiCert Inc, CN = DigiCert EV RSA CA G2
verify return:1
depth=0 jurisdictionC = DE, jurisdictionST = Hessen, jurisdictionL = Frankfurt am Main, businessCategory = Private Organization, serialNumber = HRB 30000, C = DE, ST = Hessen, L = Frankfurt am Main, postalCode = 60325, street = Taunusanlage 12, O = DEUTSCHE BANK AG, CN = www.db.com
verify return:1
CONNECTED(00000010)
...
Certificate chain
0 s:jurisdictionC = DE, jurisdictionST = Hessen, jurisdictionL = Frankfurt am Main, businessCategory = Private Organization, serialNumber = HRB 30000, C = DE, ST = Hessen, L = Frankfurt am Main, postalCode = 60325, street = Taunusanlage 12, O = DEUTSCHE BANK AG, CN = www.db.com
i:C = US, O = DigiCert Inc, CN = DigiCert EV RSA CA G2
a:PKEY: rsaEncryption, 2048 (bit); sigalg: RSA-SHA256
v:NotBefore: Apr 12 00:00:00 2026 GMT; NotAfter: Oct 27 23:59:59 2026 GMT
-----BEGIN CERTIFICATE-----
MIIHRTCCBi2gAwIBAgIQD0cJv0hfLIQV4exZtjUPNTANBgkqhkiG9w0BAQsFADBE
M0swCQYDVQQGEwJVUzEVMBMGA1UEChMMRGlnaUNlcnQgSW5jMR4wHAYDVQ0ExVE
aWdpQ2VydCBFViBSU0EgOEGRzIwHhcnMjYwNDYyMDAwMDAwWhcnMjYxMDI3MjM1
OTU5WjCCARkxZARBGsrBgEEAYI3PAIBAxMCREUxZzAVBgsrBgEEAYI3PAIBAHMG
SGVzc2VUMSUIAYLkYBBAGCnzcAQEUEUzYyYw5rZnVydCBhbSBnYwUuMR0wGwYD
VQ0PDBRcmL2YXRlIE9yZ2FuaXphdGlvbjsESMBAQ1UEBRMSJFJCIDMwMDAwM0sw
CQYDVQQGEwJERTEPMA0GA1UECBMGSVZzc2VUMRowGAYDVQQHEXFGcmFua2Z1cnQ0
YW0gTWFPbjE0MAwGA1UEERMFNjZmMjYxMDAwMDAwWhcnMjYxMDI3MjM1OTU5
bTCCASwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAL24iNEvVogiYnBjpvVQ
qCsxfi4xUaAU2KfW0UkiRLo0cA4gx26I0DupGSg8CUSR0DmRFxbap40LZxVnqXt3
kmZDXzfdh2rLf3a8h2D0IkAY5uhzMMojkBG2P0cpYw0ToYm4NSb/oAE4PdPKPR
u0u06hK2iyD8nL2doEXhPySgahGQZLTohpGCbWg+KxrdYv6EvGv86EBJmK9zbt
j+WCM6dXHUvjxKZtHm88sUXTRLKuff0IZxeFStnTp4e+pzYG9cAxLzPpL9MGt2w
bfVyo5FmWvfAF9uunsrzfZfDYkSfj2Gr0uu3kMBQNd42KVrj6ta0XqivyzXvsesl
27MCawEAA0CA1owggnwMB8GA1UdIwYmBAFgP0UL+YaJ1beyB11FKBeUhmKjIG
MB0GA1UdDgQMBBTTYna5WfK01BX9W+oxW+X+W6LuJaTAdBgNVHREEFjAUgpp3d3cu
ZGIUy29tggZkYi5jb20wSgYDVR0gBEMwQ0TALBg1ghkgBhv1sAgEwMgYFZ4EMAQEW
KTAAnBggrrBgEFBQcCARYbaHR0cDovL3d3dy5kaWdpY2VydC5jb20vQ1BTMA4GA1Ud
DwEB/wQEAwIFQAdBgNVHSUEFjAUBggrBgEFBQcDAQYIKwYBBQUHAWIwdQYDVR0F
BG4wDA0oDKgMIYuaHR0cDovL2NybdMuzGlnaWNLcnQuY29tL0RrZ21dZXJ0RVZS
U0FDQ0cyLmNybdA0oDKgMIYuaHR0cDovL2NybdQucZGlnaWNLcnQuY29tL0RrZ21d
ZXJ0RVZSU0FDQ0cyLmNybdBzBggrrBgEFBQcBAQ0RnMGUwJAYIKwYBBQUHMAAGG0h0
dHAGL9yV3NwLmRrZ21dZXJ0LmNvbVtA9BggrrBgEFBQcAoYxaHR0cDovL2Nhy2Vy
dHMuZGlnaWNLcnQuY29tL0RrZ21dZXJ0RVZSU0FDQ0cyLmNybdDAMBgNVHRMBAf8E
AjAAMIIBfYKKwYBBAHWeQIEAgSCAW4EggFQAQwAdQDCMX5XRRmjRe5/0N6ykEhr
x8iHw1K/f9w1rXaa2Q5S2QAAAZ1+/toTAAAEAwBGMQICInq6CDKPFmp+pVQ/BI
646prcTxRtpyTuudj6FNSlubaIAQdpJ/BxDB3Vgn/bCEHRFY80ukIbSldVxeGf6K
3NoFvQB2AndtfrDRp/V3wsfpX9cAv/mCyTNaZeH0swFzF8DIxwL3AAABnX7+2gQA
AAQDAEawRQIhAJ6bdKI+rj0PvFiaAvJRYKQXaZZoLdWftg/k3k+wg4wAiaUBuHf
79Vq19CMJHfVT00x8B4cH1kShoMFL8cRrthbsdkQB3AJR0Q4f67MHvgfMZJCaogGUB
x9Nf0AIBP3JnfvU3LhnYAAABnX7+2iMAAAQDAEgRgIhAI4Pss+9gSRbw5QId+W
zWfLQE2Ukvm8YTjG7ZtaS3uEAIeAt/QZBvoAIG+ebbRW1rGjeBcdoSAdA3Bqk0G
q5AKG0swDQYJKoZIhvcNAQELBQADggEBACoP0gm66eKvJg1hDLlJFEFVivSy7Xq/b
EefXEOJ5Xy2HFxsLHftv0LIhNaY5cRglj1w7upPimtZt1jfdhx2nGuB7uZ4+tmET
Q3/3FYPKDJn6KSJyz20TRcvc3S17W5d78Zi9W8Fq04Kk0b7Grnh7xLPnczXial0
Igdh14c8gsjly4iv8HyLboofPBTKiVtyS+CUkwn6MCCa9qllKdKBCfRvfyB1XQ9
nT9t7uc4mGyqT00B0RMZVSjxCwTxMa9V7LB9v8op8HSM7ILP0/TieP6tWCdJb
jc2PvmfB8i/ezUYvTAKerNtcx0s2QleZLabmYcQMYX+T3MZqSZyJZA=
-----END CERTIFICATE-----
1 s:C = US, O = DigiCert Inc, CN = DigiCert EV RSA CA G2
i:C = US, O = DigiCert Inc, OU = www.digicert.com, CN = DigiCert Global Root G2
a:PKEY: 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++IILXYSKc0a3uyIDANBgkqhkiG9w0BAQsFADBE
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-----END CERTIFICATE-----
```

```
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k4RHhHLWtmz2lTZ5CEo2lJdsGzCFGJP7oT4q608oFC38irvdKIJ95cUxYzj4tnOI
-----END CERTIFICATE-----
```

```
Server certificate
subject=jurisdictionC = DE, jurisdictionST = Hessen, jurisdictionL = Frankfurt am Main, businessCategory = Private Organization, serialNumber = HRB 30000, C = DE, ST
= Hessen, L = Frankfurt am Main, postalCode = 60325, street = Taunusanlage 12, O = DEUTSCHE BANK AG, CN = www.db.com
issuer=C = US, O = DigiCert Inc, CN = DigiCert EV RSA CA G2
---
No client certificate CA names sent
Peer signing digest: SHA256
Peer signature type: RSA-PSS
Server Temp Key: X25519, 253 bits
---
SSL handshake has read 3708 bytes and written 388 bytes
Verification: OK
```



## HTTP Response Evidence

### IPv4 HTTP (port 80)

HTTP Status	200
Connected IP	34.98.101.189
Connect Time	24.6 ms
TTFB	556.44 ms
Total Time	556.58 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, 12 Jun 2026 16:48:50 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, 12 Jun 2026 16:48:50 GMT",
  "12": "content-type: text/html; charset=UTF-8",
  "13": "alt-svc: h3=\":443\"; ma=2592000",
  "15": "HTTP/2 200",
  "16": "set-cookie: JSESSIONID=0A0E38E9977EA86A72AF75C3D0C31BA7; Path=/; Secure; HttpOnly; SameSite=Lax",
  "17": "set-cookie: opvc=lbe12fb8-ab00-44c7-9557-d93951d80061; Path=/; SameSite=Lax",
  "18": "set-cookie: sitevisitscookie=1; Max-Age=153792000; Expires=Sun, 27-Apr-2031 16:48:50 GMT; Path=/; SameSite=Lax",
  "19": "set-cookie: dmid=90303214-fc8f-4f34-bb99-18848f4464f4; Max-Age=153792000; Expires=Sun, 27-Apr-2031 16:48:50 GMT; Path=/; SameSite=Lax",
  "20": "set-cookie: GCLB=CNjl8cjcqYKUpAEQAw; path=/; HttpOnly; expires=Fri, 12-Jun-2026 16:58:50 GMT",
  "21": "vary: accept-encoding",
  "22": "content-type: text/html; charset=UTF-8",
  "23": "date: Fri, 12 Jun 2026 16:48:50 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	24.89 ms
TTFB	497.52 ms
Total Time	497.61 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, 12 Jun 2026 16:48:51 GMT",
  "5": "content-type: text/html; charset=UTF-8",
  "6": "alt-svc: h3=\":443\"; ma=2592000",
  "8": "HTTP/2 200",
  "9": "set-cookie: JSESSIONID=21D523C079B98A8DAEBCF81FE6E77604; Path=/; Secure; HttpOnly; SameSite=Lax",
  "10": "set-cookie: opvc=a0a45d1f-9e5a-4e64-ac81-b52b0432de39; Path=/; SameSite=Lax",
  "11": "set-cookie: sitevisitscookie=1; Max-Age=153792000; Expires=Sun, 27-Apr-2031 16:48:51 GMT; Path=/; SameSite=Lax",
  "12": "set-cookie: dmid=c0ed836c-37fd-42db-9094-a5a56e31f669; Max-Age=153792000; Expires=Sun, 27-Apr-2031 16:48:51 GMT; Path=/; SameSite=Lax",
  "13": "set-cookie: GCLB=CJrN_I_c5uGs1QEQA; path=/; HttpOnly; expires=Fri, 12-Jun-2026 16:58:51 GMT",
  "14": "vary: accept-encoding",
  "15": "content-type: text/html; charset=UTF-8",
  "16": "date: Fri, 12 Jun 2026 16:48:50 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",
  "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 0.007446 0.015880
TCP Connect IPv4 → port 443	301 0.009478 0.036822

### 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
76.13.221.0/24 dev eth0 proto kernel scope link src 76.13.221.142
```