

Dr. Who

Domain Audit Report

github.com

Scanned 2026-05-20T13:26:55.358Z

Signing key: drwhome-esp-v1

what this is not

the Domain Audit Report is supporting technical evidence for public-facing domain controls. it is not a SOC 2 audit report and does not replace an auditor; it gives them less to chase. it is not a penetration test, not a risk register, and not a substitute for compliance tooling like Vanta, Drata, or SecureFrame — those tools manage the audit programme; the pack documents the public domain surface they reference.

Executive Summary

Scanned 1 host(s); recorded 15 finding(s).



Mostly compliant · 5 items need attention

Aggregate grade across 15 checks. Auditors typically flag any High-severity finding.

PASS

10

WARN

5

FAIL

0

WHAT AN AUDITOR WOULD FLAG FIRST

MEDIUM

SPF

~all softfail — receivers may still accept

SOC 2 CC6.7

ISO 27001 A.8.20

NIST SC-8

LOW

DKIM

2/6 DKIM selectors valid

SOC 2 CC6.7

ISO 27001 A.8.24

NIST SC-8

LOW

DMARC

p=quarantine — receivers send to spam

SOC 2 CC6.7

ISO 27001 A.5.14

NIST SC-8

CRITICAL · 0

HIGH · 0

MEDIUM · 1

LOW · 4

INFO · 10

Severity	Count
■ Critical	0
■ High	0
■ Medium	1
■ Low	4
■ Info	10

spf · github.com

~all softfail — receivers may still accept

Pain: does this domain publish an SPF record limiting authorised senders?

SOC 2 CC6.7

ISO 27001 A.8.20

NIST SC-8

- Move to -all (hardfail) once your mail flow is confirmed — softfail gives no real protection

dkim · github.com

2/6 DKIM selectors valid

Pain: are outgoing emails DKIM-signed under a published selector?

SOC 2 CC6.7 ISO 27001 A.8.24 NIST SC-8

- Check the missing selectors in your DNS provider and re-add any removed records

dmARC · github.com

p=quarantine — receivers send to spam

Pain: does this domain enforce a DMARC policy (quarantine or reject)?

SOC 2 CC6.7 ISO 27001 A.5.14 NIST SC-8

- Upgrade to p=reject once your SPF and DKIM pass rates are consistently high

dnssec · github.com

DNSSEC not configured — no DS or DNSKEY records found

Pain: is DNSSEC signing enabled for this zone?

SOC 2 CC6.6 ISO 27001 A.8.20 NIST SC-20

- Enable DNSSEC in your DNS provider's control panel and add the resulting DS record at your registrar

tls · github.com

cert expires in 74 days

Pain: is data in transit protected by a valid, current TLS certificate?

SOC 2 CC6.1 ISO 27001 A.8.24 NIST SC-8(1)

- Schedule certificate renewal — consider enabling auto-renewal

Detailed info findings are listed in Appendix B.

<code>cors</code>	1
<code>ct_log</code>	1
<code>dns</code>	1
<code>headers</code>	1
<code>mta_sts</code>	1
<code>mx</code>	1
<code>redirects</code>	1
<code>tlsrpt</code>	1
<code>web-surface</code>	1
<code>whois</code>	1

Appendix A — Framework Mapping

SOC 2	ISO 27001	NIST	Check	Observed
CC6.7	A.8.20	SC-8	spf	medium
CC6.7	A.8.24	SC-8	dkim	low
CC6.7	A.5.14	SC-8	dmarc	low
CC6.6	A.8.20	SC-20	dnssec	low
CC6.1	A.8.24	SC-8(1)	tls	low
CC6.6	A.8.23	AC-4	cors	info
CC7.2	A.8.16	SI-4	ct_log	info
CC6.6	A.8.20	SC-20	dns	info
CC6.6	A.8.23	SC-7(8)	headers	info
CC6.7	A.8.24	SC-8	mta_sts	info
CC6.7	A.8.21	SC-8	mx	info
CC6.6	A.8.23	SC-7	redirects	info
CC7.2	A.8.16	AU-6	tlsrpt	info
CC6.6	A.8.9	CM-7	web-surface	info
CC2.3	A.5.20	PE-2	whois	info


```
{ "-  
subdomains":["api.mcp.github.com","api.security.github.com","asset-generator.github.com","awesome-copilot.github.com"]
```

dns

host: github.com severity: info

```
{ "-  
records":{"A":[{"name":"github.com","type":1,"TTL":21,"data":"20.207.73.82"}],"AAAA":[],"NS":[{"name":"github.com","TTL":3600,"data":"ns1.github.com"}, {"name":"github.com","TTL":3600,"data":"ns2.github.com"}, {"name":"github.com","TTL":3600,"data":"ns3.github.com"}, {"name":"github.com","TTL":3600,"data":"ns4.github.com"}],"CAA":[{"name":"github.com","type":257,"TTL":3600,"data":"\# 19 00 05 69 73 73 75 65 64 69 67 69 63 65 72 74 2e 63 6f 6d"}, {"name":"github.com","type":257,"TTL":3600,"data":"\# 21 00 05 69 73 73 75 65 67 6c 6f 62 61 6c 73 69 67 6e 2e 63 6f 6d"}, {"name":"github.com","type":257,"TTL":3600,"data":"\# 22 00 05 69 73 73 75 65 6c 65 74 73 65 6e 63 72 79 70 74 2e 6f 72 67"}, {"name":"github.com","type":257,"TTL":3600,"data":"\# 18 00 05 69 73 73 75 65 73 65 63 74 69 67 6f 2e 63 6f 6d"}, {"name":"github.com","type":257,"TTL":3600,"data":"\# 23 00 09 69 73 73 75 65 77 69 6c 64 64 69 67 69 63 65 72 74 2e 63 6f 6d"}, {"name":"github.com","type":257,"TTL":3600,"data":"\# 26 00 09 69 73 73 75 65 77 69 6c 64 6c 65 74 73 65 6e 63 72 79 70 74 2e 6f 72 67"}, {"name":"github.com","type":257,"TTL":3600,"data":"\# 22 00 09 69 73 73 75 65 77 69 6c 64 73 65 63 74 69 67 6f 2e 63 6f 6d"}],"TXT":[{"name":"github.com","type":16,"TTL":227,"data":"\00Dd000000hHE0=1TBKg000000Tn2r\""}, {"name":"github.com","type":16,"TTL":227,"data":"\00Dd000000hHE0=1TBKg000000Tn2r\""}]}  
ip4:192.30.252.0/22 include:spf.protection.outlook.com include:_netblocks.google.com  
include:_netblocks2.google.com include:mail.zendesck.com include:_spf.salesforce.com  
include:servers.mcsv.net include:mktomail.com include:sendgrid.net ip4:62.253.2\ "27.114  
ip4:166.78.69.169 ip4:166.78.69.170 ip4:166.78.71.131 ~all\""}]}
```

headers

host: github.com severity: info

```
{"finalUrl":"https://github.com/","headers":{"accept-ranges":"bytes","cache-control":"max-age=0,  
private,  
must-revalidate","content-encoding":"gzip","content-language":"en-US","content-security-policy":"default-src  
'none'; base-uri 'self'; child-src github.githubassets.com github.com/assets-cdn/worker/  
github.com/assets/ gist.github.com/assets-cdn/worker/; connect-src 'self' uploads.github.com  
www.githubstatus.com collector.github.com raw.githubusercontent.com api.github.com  
github-cloud.s3.amazonaws.com github-production-repository-file-5c1aeb.s3.amazonaws.com  
github-production-upload-manifest-file-7fdce7.s3.amazonaws.com  
github-production-user-asset-6210df.s3.amazonaws.com *.rel.tunnels.api.visualstudio.com  
wss://*.rel.tunnels.api.visualstudio.com github.githubassets.com  
objects-origin.githubusercontent.com copilot-proxy.githubusercontent.com  
proxy.individual.githubcopilot.com proxy.business.githubcopilot.com  
proxy.enterprise.githubcopilot.com *.actions.githubusercontent.com  
wss://*.actions.githubusercontent.com productionresultssa0.blob.core.windows.net  
productionresultssa1.blob.core.windows.net productionresultssa2.blob.core.windows.net  
productionresultssa3.blob.core.windows.net productionresultssa4.blob.core.windows.net  
productionresultssa5.blob.core.windows.net productionresultssa6.blob.core.windows.net  
productionresultssa7.blob.core.windows.net productionresultssa8.blob.core.windows.net  
productionresultssa9.blob.core.windows.net productionresultssa10.blob.core.windows.net  
productionresultssa11.blob.core.windows.net productionresultssa12.blob.core.windows.net  
productionresultssa13.blob.core.windows.net productionresultssa14.blob.core.windows.net  
productionresultssa15.blob.core.windows.net productionresultssa16.blob.core.windows.net  
productionresultssa17.blob.core.windows.net productionresultssa18.blob.core.windows.net  
productionresultssa19.blob.core.windows.net  
github-production-repository-image-32fea6.s3.amazonaws.com  
github-production-release-asset-2e65be.s3.amazonaws.com insights.github.com wss://alive.github.com  
wss://alive-staging.github.com api.githubcopilot.com api.individual.githubcopilot.com  
api.business.githubcopilot.com api.enterprise.githubcopilot.com edge.fullstory.com rs.fullstory.com;  
font-src github.githubassets.com; form-action 'self' github.com gist.github.com  
copilot-workspace.githubnext.com objects-origin.githubusercontent.com; frame-ancestors 'none';  
frame-src viewscreen.githubusercontent.com notebooks.githubusercontent.com www.youtube-nocookie.com;  
img-src 'self' data: blob: github.githubassets.com media.githubusercontent.com  
camo.githubusercontent.com identicons.github.com avatars.githubusercontent.com  
private-avatars.githubusercontent.com github-cloud.s3.amazonaws.com objects.githubusercontent.com  
release-assets.githubusercontent.com secured-user-images.githubusercontent.com  
user-images.githubusercontent.com private-user-images.githubusercontent.com  
opengraph.githubassets.com marketplace-screenshots.githubusercontent.com  
copilotprodattachments.blob.core.windows.net/github-production-copilot-attachments/  
github-production-user-asset-6210df.s3.amazonaws.com customer-stories-feed.github.com  
spotlights-feed.github.com explore-feed.github.com objects-origin.githubusercontent.com  
*.githubusercontent.com images.ctfassets.net/8aevphvgewt8/; manifest-src 'self'; media-src github.com  
user-images.githubusercontent.com secured-user-images.githubusercontent.com  
private-user-images.githubusercontent.com github-production-user-asset-6210df.s3.amazonaws.com
```

```
gist.github.com github.githubassets.com assets.ctfassets.net/8aevphvgewt8/
videos.ctfassets.net/8aevphvgewt8/; script-src github.githubassets.com; style-src 'unsafe-inline'
github.githubassets.com; upgrade-insecure-requests; worker-src github.githubassets.com
github.com/assets-cdn/worker/ github.com/assets/
gist.github.com/assets-cdn/worker/", "content-type": "text/html; charset=utf-8", "date": "Wed, 20 May
2026 13:26:50
GMT", "etag": "W/\"3a0d9c22a3c2d9f173556f2f8f1442ff\"", "referrer-policy": "origin-when-cross-origin,
strict-origin-when-cross-origin", "server": "github.com", "set-cookie": "logged_in=no; expires=Thu, 20
May 2027 13:26:55 GMT; domain=.github.com; path=/; HttpOnly; secure;
SameSite=Lax", "strict-transport-security": "max-age=31536000; includeSubdomains;
preload", "transfer-encoding": "chunked", "vary": "X-PJAX, X-PJAX-Container, Turbo-Visit, Turbo-Frame,
X-Requested-With, Accept-Language, Sec-Fetch-Site, Accept-Encoding, Accept,
X-Requested-With", "x-content-type-options": "nosniff", "x-frame-options": "deny", "x-github-request-id": "EEFD:220608:1
```

mta_sts

host: github.com severity: info

```
{}
```

mx

host: github.com severity: info

```
{"records": [{"priority": 0, "exchange": "github-com.mail.protection.outlook.com."}]}
```

redirects

host: github.com severity: info

```
{"hops": [{"url": "https://github.com/", "status": 200}], "finalStatus": 200}
```

tlsrpt

host: github.com severity: info

```
{}
```

web-surface

host: github.com severity: info

```
{"robots": {"present": true, "body": "# If you would like to crawl GitHub contact us via
https://support.github.com?tags=dotcom-robots\n# We also provide an extensive API:
https://docs.github.com\nUser-agent: bingbot\nDisallow: /ekansa/Open-Context-Data\nDisallow:
/ekansa/opencontext-*\nDisallow: /account-login\nDisallow: */tarball/\nDisallow:
*/zipball/\nDisallow: /Explodingstuff/\nDisallow: /copilot/\nDisallow: /copilot/c/\n\nUser-agent:
adidxbot\nDisallow: /ekansa/Open-Context-Data\nDisallow: /ekansa/opencontext-*\nDisallow:
/account-login\nDisallow: */tarball/\nDisallow: */zipball/\nDisallow: /Explodingstuff/\nDisallow:
/copilot/\nDisallow: /copilot/c/\n\nUser-agent: BingPreview\nDisallow:
/ekansa/Open-Context-Data\nDisallow: /ekansa/opencontext-*\nDisallow: /account-login\nDisallow:
*/tarball/\nDisallow: */zipball/\nDisallow: /Explodingstuff/\nDisallow: /copilot/\nDisallow:
/copilot/c/\n\nUser-agent: baiduncrawl-delay: 1\n\nUser-agent: *\n\nDisallow:
/**/pulse\nDisallow: /**/projects\nDisallow: /**/forks\nDisallow: /**/issues/new\nDisallow:
/**/milestones/new\nDisallow: /**/issues/search\nDisallow: /**/commits/\nDisallow:
/**/branches\nDisallow: /**/contributors\nDisallow: /**/tags\nDisallow: /**/stargazers\nDisallow:
/**/watchers\nDisallow: /**/network\nDisallow: /**/graphs\nDisallow: /**/compare\n\nDisallow:
/**/tree/\nDisallow: /gist/\nDisallow: /**/download\nDisallow: /**/revisions\nDisallow:
/**/commits/*?author\nDisallow: /**/commits/*?path\nDisallow: /**/comments\nDisallow:
/**/archive/\nDisallow: /**/blame/\nDisallow: /**/raw\nDisallow: /**/cache/\nDisallow: /.git/\nDisallow:
/*.git/\nDisallow: /*.git$\nDisallow: /search/advanced\nDisallow: /search$\nDisallow: /*q=\nDisallow:
/*.atom$\n\nDisallow: /ekansa/Open-Context-Data\nDisallow: /ekansa/opencontext-*\nDisallow:
*/tarball/\nDisallow: */zipball/\n\nDisallow: /*source=\nDisallow: /*ref_cta=\nDisallow:
/*plan=\nDisallow: /*return_to=\nDisallow: /*ref_loc=\nDisallow: /*setup_organization=\nDisallow:
```

```
/*source_repo=*/\nDisallow: /*ref_page=*/\nDisallow: /*source=*/\nDisallow: /*referrer=*/\nDisallow:
/*report=*/\nDisallow: /*author=*/\nDisallow: /*since=*/\nDisallow: /*until=*/\nDisallow:
/*commits?author=*/\nDisallow: /*report-abuse?report=*/\nDisallow: /*tab=*/\nAllow:
/*?tab=achievements&achievement=*/\n\nDisallow: /account-login\nDisallow:
/Explodingstuff/\n\nDisallow: /copilot/\nDisallow:
/copilot/c/\n\n"}, "sitemap": {"present": false}, "head": {"title": "GitHub · Change is constant. GitHub
keeps you ahead. · GitHub", "description": "Join the world&#39;s most widely adopted, AI-powered
developer platform where millions of developers, businesses, and the largest open source community
build software that advances
humanity.", "og": {"og:image": "https://images.ctfassets.net/8aevphvgewt8/4pe4eOtUJ0ARpZRE4fNekf/f52b1f9c52f059a331702
the world&#39;s most widely adopted, AI-powered developer platform where millions of developers,
businesses, and the largest open source community build software that advances
humanity.", "og:site_name": "GitHub", "og:type": "object", "og:title": "GitHub · Change is constant. GitHub
keeps you ahead.", "og:url": "https://github.com/", "og:description": "Join the world&#39;s most widely
adopted, AI-powered developer platform where millions of developers, businesses, and the largest open
source community build software that advances
humanity."}, "twitter": {"twitter:image": "https://images.ctfassets.net/8aevphvgewt8/4pe4eOtUJ0ARpZRE4fNekf/f52b1f9c52
· Change is constant. GitHub keeps you ahead.", "twitter:description": "Join the world&#39;s most widely
adopted, AI-powered developer platform where millions of developers, businesses, and the largest open
source community build software that advances humanity."}}}
```

whois

host: github.com severity: info

```
{"registrar": "MarkMonitor
Inc.", "createdAt": "2007-10-09T18:20:50Z", "expiresAt": "2026-10-09T18:20:50Z", "statuses": ["clientDeleteProhibited
https://icann.org/epp#clientDeleteProhibited", "clientTransferProhibited
https://icann.org/epp#clientTransferProhibited", "clientUpdateProhibited
https://icann.org/epp#clientUpdateProhibited"], "raw": {"Domain Status": ["clientDeleteProhibited
https://icann.org/epp#clientDeleteProhibited", "clientTransferProhibited
https://icann.org/epp#clientTransferProhibited", "clientUpdateProhibited
https://icann.org/epp#clientUpdateProhibited"], "Name
Server": ["DNS1.P08.NSONE.NET", "DNS2.P08.NSONE.NET", "DNS3.P08.NSONE.NET", "DNS4.P08.NSONE.NET", "NS-1283.AWSDNS-32.ORG
Name": "GITHUB.COM", "Registry Domain ID": "1264983250_DOMAIN_COM-VRSN", "Registrar WHOIS
Server": "whois.markmonitor.com", "Registrar URL": "http://www.markmonitor.com", "Updated
Date": "2024-09-07T09:16:32Z", "Created Date": "2007-10-09T18:20:50Z", "Expiry
Date": "2026-10-09T18:20:50Z", "Registrar": "MarkMonitor Inc.", "Registrar IANA ID": "292", "Registrar
Abuse Contact Email": "abusecomplaints@markmonitor.com", "Registrar Abuse Contact
Phone": "+1.2086851750", "DNSSEC": "unsigned", "URL of the ICANN Whois Inaccuracy Complaint
Form": "https://www.icann.org/wicf/", ">>> Last update of whois database": "2026-05-20T13:26:38Z
<<<", "text": ["For more information on Whois status codes, please visit
https://icann.org/epp", "", "NOTICE: The expiration date displayed in this record is the date
the", "registrar's sponsorship of the domain name registration in the registry is", "currently set to
expire. This date does not necessarily reflect the expiration", "date of the domain name registrant's
agreement with the sponsoring", "registrar. Users may consult the sponsoring registrar's Whois database
to", "view the registrar's reported date of expiration for this registration.", "", "TERMS OF USE: You
are not authorized to access or query our Whois", "database through the use of electronic processes
that are high-volume and", "automated except as reasonably necessary to register domain names or", "modify
existing registrations; the Data in VeriSign Global Registry", "Services' (\\\"VeriSign\\\") Whois database
is provided by VeriSign for", "information purposes only, and to assist persons in obtaining
information", "about or related to a domain name registration record. VeriSign does not", "guarantee
its accuracy. By submitting a Whois query, you agree to abide", "by the following terms of use: You
agree that you may use this Data only", "for lawful purposes and that under no circumstances will you
use this Data", "to: (1) allow, enable, or otherwise support the transmission of mass", "unsolicited,
commercial advertising or solicitations via e-mail, telephone,", "or facsimile; or (2) enable high
volume, automated, electronic processes", "that apply to VeriSign (or its computer systems). The
compilation,", "repackaging, dissemination or other use of this Data is expressly", "prohibited without
the prior written consent of VeriSign. You agree not to", "use electronic processes that are automated
and high-volume to access or", "query the Whois database except as reasonably necessary to
register", "domain names or modify existing registrations. VeriSign reserves the right", "to restrict
your access to the Whois database in its sole discretion to ensure", "operational stability. VeriSign
may restrict or terminate your access to the", "Whois database for failure to abide by these terms of
use. VeriSign", "reserves the right to modify these terms at any time.", "", "The Registry database
contains ONLY .COM, .NET, .EDU domains and", "Registrars."]}}
```