

Web Security Scan Report

URL Scanned:	https://github.com/
Scan Date:	2025-07-27 11:27:51 UTC
Security Score:	80 / 100
Overall Risk Level:	Medium

Detailed Security Checklist

Check	Status	Severity	What This Means (Context)
Strict-Transport-Security	Present	Info	Protects against protocol downgrade attacks and cookie hijacking.
Content-Security-Policy	Present	Info	Helps prevent Cross-Site Scripting (XSS) and other code injection attacks.
X-Frame-Options	Present	Info	Protects against "clickjacking" attacks by preventing the site from being framed.
X-Content-Type-Options	Present	Info	Prevents the browser from MIME-sniffing a response away from the declared content-type.
Referrer-Policy	Present	Info	Controls how much referrer information is sent with requests.
Permissions-Policy	Missing	Low	Allows control over which browser features can be used on the site.
Cookie '_octo'	Insecure	Medium	Missing the HttpOnly flag, making it accessible to client-side scripts.
SPF Record	Missing	Low	Sender Policy Framework (SPF) helps prevent email spoofing.
Sender Policy Framework (SPF) record is missing.	Found	Low	Sender Policy Framework (SPF) record is missing.

Additional Information

Server Software:	github.com
SPF Record:	Not found
DMARC Record:	v=DMARC1; p=reject; pct=100; rua=mailto:dmarc@github.com
Tech Stack:	Javascript-graphics: D3 Javascript-frameworks: React

Discovered Subdomains

Subdomains:	Error: Could not connect to crt.sh. Please check your internet connection, DNS, or proxy settings. (HTTPSPool(host='crt.sh', port=443): Max retries exceeded with url: /?q=%25.github.com&output=json (Caused by ProxyError('Unable to connect to proxy', OSError('Tunnel connection failed: 403 Forbidden'))))
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Open Ports

Ports:	No common ports found open.
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WHOIS Information

Error:	Could not retrieve WHOIS info. Reason: [Errno 111] Connection refused. The WHOIS service might be unavailable or rate-limiting.
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DNS Records

A Records:	140.82.113.3
AAAA Records:	Not found
MX Records:	1 aspmx.l.google.com., 10 alt3.aspmx.l.google.com., 10 alt4.aspmx.l.google.com., 5 alt1.aspmx.l.google.com., 5 alt2.aspmx.l.google.com.
TXT Records:	Error: All nameservers failed to answer the query github.com. IN TXT: Server Do53:127.0.0.53@53 answered ; Server Do53:127.0.0.53@53 answered [Erno 111] Connection refused
NS Records:	dns4.p08.nsone.net., ns-1283.awsdns-32.org., ns-1707.awsdns-21.co.uk., ns-421.awsdns-52.com., ns-520.awsdns-01.net., dns1.p08.nsone.net., dns2.p08.nsone.net., dns3.p08.nsone.net.

SSL/TLS Certificate

Issuer Org:	Sectigo Limited
Subject CN:	github.com
Expires On:	2026-02-05 23:59:59
Expired:	No

Wayback Machine

Status:	Available
URL:	http://web.archive.org/web/20250727111118/https://github.com/
Timestamp:	2025-07-27 11:11:18 UTC

Cookie Analysis

Cookie Name	Flags
_gh_sess	Secure, HttpOnly
_octo	Secure
logged_in	Secure, HttpOnly

JavaScript Libraries

Library	Version	Severity	Summary
Error	N/A	Error	Error during JS analysis: Vulnerability database (jsrepository.json) not found.

Active Tests Performed

• Initial HTTP Request & Basic Info: Performed
• WHOIS Lookup: Error
• DNS Records: Performed
• SSL Certificate: Performed
• Email Security (SPF/DMARC): Performed
• Wayback Snapshots: Performed
• Port Scan: Performed
• Subdomain Enumeration: Error
• JavaScript Vulnerability Scan: Error

