



CVE-2023-22484

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CVE-2023-22484 - advisory for GHSA-24f7-9frr-5h2r

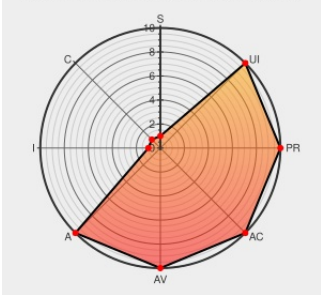
[Source: Mitre](#)

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CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H



Certain versions of [Cmark-gfm](#) from [Github](#) contain the following vulnerability:

cmark-gfm is GitHub's fork of cmark, a CommonMark parsing and rendering library and program in C. Versions prior to 0.29.0.gfm.7 are subject to a polynomial time complexity issue in cmark-gfm that may lead to unbounded resource exhaustion and subsequent denial of service. This vulnerability has been patched in 0.29.0.gfm.7.

CVE-2023-22484 has been assigned by [security-advisories@github.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [github](#) - **cmark-gfm** version = < 0.29.0.gfm.7

CVSS3 Score: **7.5 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVE References

Description	Tags	Link
Quadratic complexity bug in handle_pointy_brace may lead to a denial of service · Advisory · github/cmark-gfm · GitHub	github.com text/html	MISC github.com/github/cmark-gfm/security/advisories/GHSA-24f7-9frr-5h2r

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

cmark-gfm is GitHub's fork of cmark, a CommonMark parsing and rendering library and program in C. Versions prior to 0...

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Github	Cmark-gfm	All	All	All	All
cpe:2.3:a:github:cmark-gfm:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2023-22484 : cmark-gfm is GitHub's fork of cmark, a CommonMark parsing and rendering library and program in C... twitter.com/i/web/status/1...	2023-01-23 23:03:26
 /r/netcve	CVE-2023-22484	2023-01-23 23:39:13

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