



CVE-2020-5238

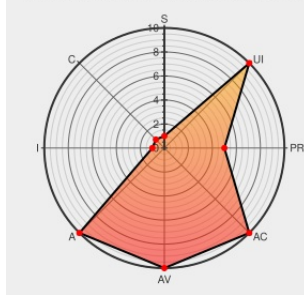
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CVE-2020-5238 - advisory for GHSA-7gc6-9qr5-hc85

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

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



Certain versions of [Fedora](#) from [Fedoraproject](#) contain the following vulnerability:

The table extension in GitHub Flavored Markdown before version 0.29.0.gfm.1 takes $O(n * n)$ time to parse certain inputs. An attacker could craft a markdown table which would take an unreasonably long time to process, causing a denial of service. This issue does not affect the upstream cmark project. The issue has been fixed in version

0.29.0.gfm.1.

CVE-2020-5238 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **github** - **cmark-gfm** version < 0.29.0.gfm.1

CVSS3 Score: **6.5 - MEDIUM**

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

CVSS2 Score: **4 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Type	Link
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Description	Tags	Link
[SECURITY] Fedora 32 Update: pandoc-2.7.3-4.fc32 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	 FEDORA FEDORA-2020-1eaffe0013
Merge pull request from GHSA-7gc6-9qr5-hc85 · github/cmark-gfm@85d8952 · GitHub	Patch Third Party Advisory github.com text/html	 MISC github.com/github/cmark-gfm/commit/85d895289c5ab67f988ca659493a64abb5fec7b4
Denial of service in table parsing · Advisory · github/cmark-gfm · GitHub	Third Party Advisory github.com text/html	 CONFIRM github.com/github/cmark-gfm/security/advisories/GHSA-7gc6-9qr5-hc85
[SECURITY] Fedora 31 Update: ghc-cmark-gfm-0.2.2-1.fc31 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	 FEDORA FEDORA-2020-fe299b3fa3
[SECURITY] Fedora 33 Update: pandoc-citeproc-0.17.0.1-3.fc33 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	 FEDORA FEDORA-2020-c39d7a562c

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Related QID Numbers

[940402](#) AlmaLinux Security Update for pandoc (ALSA-2021:1972)

[960207](#) Rocky Linux Security Update for pandoc (RLSA-2021:1972)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	32	All	All	All
Operating System	Fedoraproject	Fedora	33	All	All	All
Application	Github Flavored Markdown Project	Github Flavored Markdown	All	All	All	All
Application	Github Flavored Markdown Project	Github Flavored Markdown	All	All	All	All
cpe:2.3:o:fedoraproject:fedora:31:*:*:*:*:*:						
cpe:2.3:o:fedoraproject:fedora:32:*:*:*:*:*:						
cpe:2.3:o:fedoraproject:fedora:33:*:*:*:*:*:						
cpe:2.3:a:github_flavored_markdown_project:github_flavored_markdown:*:*:*:*:*:						
cpe:2.3:a:github_flavored_markdown_project:github_flavored_markdown:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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