CVE-2021-21317

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CVE-2021-21317 - advisory for GHSA-p4pj-mg4r-x6v4

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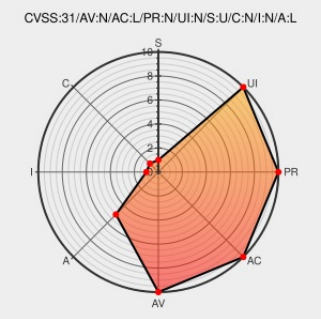

Certain versions of Uap-core from Uap-core Project contain the following vulnerability:

uap-core in an open-source npm package which contains the core of BrowserScope's original user agent string parser. In uap-core before version 0.11.0, some regexes are vulnerable to regular expression denial of service (REDoS) due to overlapping capture groups. This allows remote attackers to overload a server by setting the User-Agent header in an HTTP(S) request to maliciously crafted long strings. This is fixed in version 0.11.0. Downstream packages such as uap-python, uap-ruby etc which depend upon uap-core follow different version schemes.

CVE-2021-21317 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **ua-parser** - **uap-core** version **< 0.11.0**

CVSS3 Score: 5.3 - MEDIUM

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

CVSS2 Score: 5 - MEDIUM

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

CVE References

Description	Tags	Link
Merge pull request from GHSA-p4pj-mg4r-x6v4 · ua-parser/uap-core@dc9925d · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/ua-parser/uap-core/commit/dc9925d458214cfe87b93e35346980612f6ae96c
Denial of Service in uap-core <=0.10.0 when processing crafted User-Agent strings · Advisory · ua-parser/uap-core · GitHub	Third Party Advisory github.com text/html	CONFIRM github.com/ua-parser/uap-core/security/advisories/GHSA-p4pj-mg4r-x6v4
uap-core - npm	Product Third Party Advisory www.npmjs.com text/html	MISC www.npmjs.com/package/uap-core

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Related QID Numbers

982947 Nodejs (npm) Security Update for uap-core (GHSA-p4pj-mg4r-x6v4)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Uap-core Project	Uap-core	All	All	All	All
Application	Uap-core Project	Uap-core	All	All	All	All

cpe:2.3:a:uap-core_project:uap-core:*:*:*:*:*:node.js:*:*

cpe:2.3:a:uap-core_project:uap-core:*:*:*:*:*:node.js:*:*

No vendor comments have been submitted for this CVE

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