CVE-2021-4250

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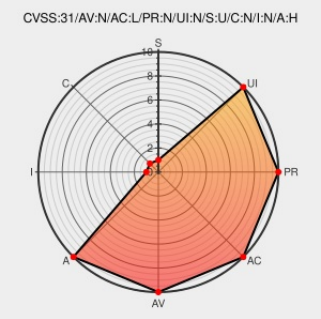

Certain versions of Active Attr from Active Attr Project contain the following vulnerability:

A vulnerability classified as problematic has been found in cgriego active_attr up to 0.15.2. This affects the function call of the file lib/active_attr/typecasting/boolean_typecaster.rb of the component Regex Handler. The manipulation of the argument value leads to denial of service. The exploit has been disclosed to the public and may be used. Upgrading to version 0.15.3 is able to address this issue. The name of the patch is dab95e5843b01525444b82bd7b336ef1d79377df. It is recommended to upgrade the affected component. The associated identifier of this vulnerability is VDB-216207.

CVE-2021-4250 has been assigned by cna@vuldb.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **cgriego** - **active_attr** version **= 0.15.0**

Affected Vendor/Software: **cgriego** - **active_attr** version **= 0.15.1**

Affected Vendor/Software: **cgriego** - **active_attr** version **= 0.15.2**

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
fix ReDoS vulnerability by wonda-tea-coffee · Pull Request #185 · cgriego/active_attr · GitHub	github.com text/html	MISC github.com/cgriego/active_attr/pull/185
Release v0.15.4 · cgriego/active_attr · GitHub	github.com	MISC github.com/cgriego/active_attr/releases/tag/v0.15.4

Release v0.15.4 · cgriego/active_attr · GitHub	github.com text/html	MISC github.com/cgriego/active_attr/releases/tag/v0.15.4
Release v0.15.3 · cgriego/active_attr · GitHub	github.com text/html	MISC github.com/cgriego/active_attr/releases/tag/v0.15.3
ReDoS vulnerability in ActiveAttr::Typecasting::BooleanTypecaster#call · Issue #184 · cgriego/active_attr · GitHub	github.com text/html	MISC github.com/cgriego/active_attr/issues/184
CVE-2021-4250 | cgriego active_attr Regex boolean_typecaster.rb call denial of service	vuldb.com text/html	MISC vuldb.com/?id.216207
fix ReDoS vulnerability (#185) · cgriego/active_attr@dab95e5 · GitHub	github.com text/html	MISC github.com/cgriego/active_attr/commit/dab95e5843b01525444b82bd7b336e

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

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Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Active Attr Project	Active Attr	All	All	All	All

cpe:2.3:a:active_attr_project:active_attr:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
/r/netcve	CVE-2021-4250	2022-12-18 23:39:15

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