CVE-2020-15272

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CVE-2020-15272 - advisory for GHSA-hgx2-4pp9-357g

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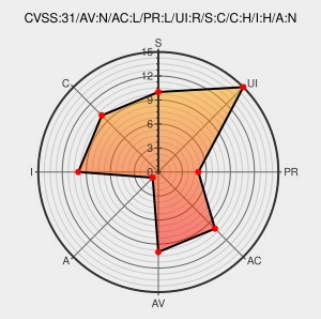

Certain versions of Git-tag-annotation-action from Git-tag-annotation-action Project contain the following vulnerability:

In the git-tag-annotation-action (open source GitHub Action) before version 1.0.1, an attacker can execute arbitrary (*) shell commands if they can control the value of [the `tag` input] or manage to alter the value of [the `GITHUB_REF` environment variable]. The problem has been patched in version 1.0.1. If you don't use the `tag` input you are most likely safe. The `GITHUB_REF` environment variable is protected by the GitHub Actions environment so attacks from there should be impossible. If you must use the `tag` input and cannot upgrade to `> 1.0.0` make sure that the value is not controlled by another Action.

CVE-2020-15272 has been assigned by security-advisories@github.com to track the vulnerability - currently rated as CRITICAL severity.

Affected Vendor/Software: **ericcornelissen** - **git-tag-annotation-action** version **< 1.0.1**

CVSS3 Score: 9.6 - CRITICAL

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

CVSS2 Score: 6.5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Shell-injection through Action input · Advisory · ericcornelissen/git-tag-annotation-action · GitHub	Third Party Advisory github.com text/html	CONFIRM github.com/ericcornelissen/git-tag-annotation-action/security/advisories/GHSA-hgx2-4pp9-357g
Release Release v1.0.1 · ericcornelissen/git-tag-annotation-action · GitHub	Third Party Advisory github.com text/html	MISC github.com/ericcornelissen/git-tag-annotation-action/releases/tag/v1.0.1
Fix shell injection bug · ericcornelissen/git-tag-annotation-action@9f30756 · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/ericcornelissen/git-tag-annotation-action/commit/9f30756375cc4b1b6c66f274fc9c591fa901455a

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Git-tag-annotation-action Project	Git-tag-annotation-action	All	All	All	All
Application	Git-tag-annotation-action Project	Git-tag-annotation-action	All	All	All	All

cpe:2.3:a:git-tag-annotation-action_project:git-tag-annotation-action:*:*:*:*:*:*:*:*:

cpe:2.3:a:git-tag-annotation-action_project:git-tag-annotation-action:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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