CVE-2021-22862

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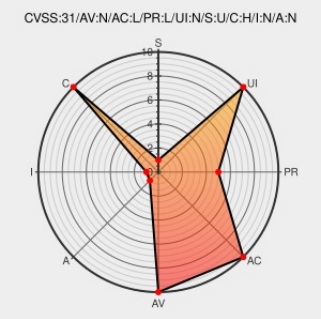

Certain versions of Github from Github contain the following vulnerability:

An improper access control vulnerability was identified in GitHub Enterprise Server that allowed an authenticated user with the ability to fork a repository to disclose Actions secrets for the parent repository of the fork. This vulnerability existed due to a flaw that allowed the base reference of a pull request to be updated to point to an arbitrary SHA or another pull request outside of the fork repository. By establishing this incorrect reference in a PR, the restrictions that limit the Actions secrets sent a workflow from forks could be bypassed. This vulnerability affected GitHub Enterprise Server version 3.0.0, 3.0.0.rc2, and 3.0.0.rc1. This vulnerability was reported via the GitHub Bug Bounty program.

CVE-2021-22862 has been assigned by product-cna@github.com to track the vulnerability - currently rated as MEDIUM severity.

Affected Vendor/Software: **GitHub** - **GitHub Enterprise Server** version **< 3.0.1**

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	HIGH	NONE	NONE

CVSS2 Score: 4 - MEDIUM

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

CVE References

Description	Tags	Link
Release notes - GitHub Docs	docs.github.com text/html	MISC docs.github.com/en/enterprise-server@3.0/admin/release-notes#3.0.1

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Github	Github	3.0.0	-	All	All
Application	Github	Github	3.0.0	rc1	All	All
Application	Github	Github	3.0.0	rc2	All	All
Application	Github	Github	3.0.0	-	All	All
Application	Github	Github	3.0.0	rc1	All	All
Application	Github	Github	3.0.0	rc2	All	All

cpe:2.3:a:github:github:3.0.0:-:*:*:*:*:*:*:

cpe:2.3:a:github:github:3.0.0:rc1:*:*:*:*:*:*:

cpe:2.3:a:github:github:3.0.0:rc2:*:*:*:*:*:*:

cpe:2.3:a:github:github:3.0.0:-:*:*:*:*:*:*:

cpe:2.3:a:github:github:3.0.0:rc1:*:*:*:*:*:*:

cpe:2.3:a:github:github:3.0.0:rc2:*:*:*:*:*:*:

Discovery Credit

Teddy Katz

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