CVE-2022-46258

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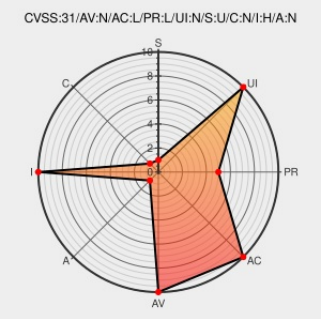
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Enterprise Server from Github contain the following vulnerability:

An incorrect authorization vulnerability was identified in GitHub Enterprise Server that allowed a repository-scoped token with read/write access to modify Action Workflow files without a Workflow scope. The Create or Update file contents API should enforce workflow scope. This vulnerability affected all versions of GitHub Enterprise Server prior to version 3.7 and was fixed in versions 3.3.16, 3.4.11, 3.5.8, and 3.6.4. This vulnerability was reported via the GitHub Bug Bounty program.

CVE-2022-46258 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 **< 3.3.16**

Affected Vendor/Software: **GitHub** - **GitHub Enterprise Server** version **< 3.4.11**

Affected Vendor/Software: **GitHub** - **GitHub Enterprise Server** version **< 3.5.8**

Affected Vendor/Software: **GitHub** - **GitHub Enterprise Server** version **< 3.6.4**

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	HIGH	NONE

CVE References

Description	Tags	Link
Release notes - GitHub Enterprise Server 3.5 Docs	docs.github.com text/html	MISC docs.github.com/en/enterprise-server@3.5/admin/release-notes#3.5.8

Release notes - GitHub Enterprise Server 3.6 Docs	docs.github.com text/html	MISC docs.github.com/en/enterprise-server@3.6/admin/release-notes#3.6.4
Release notes - GitHub Enterprise Server 3.3 Docs	docs.github.com text/html	MISC docs.github.com/en/enterprise-server@3.3/admin/release-notes#3.3.16
Release notes - GitHub Enterprise Server 3.4 Docs	docs.github.com text/html	MISC docs.github.com/en/enterprise-server@3.4/admin/release-notes#3.4.11

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Github	Enterprise Server	All	All	All	All

cpe:2.3:a:github:enterprise_server:*:*:*:*:*:*:*:*:

Discovery Credit

Alex Ilgayev

Vaibhav Singh (@vaib25vicky)

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2022-46258 : An incorrect authorization vulnerability was identified in GitHub Enterprise Server that allowed a… twitter.com/i/web/status/1…	2023-01-09 16:35:01
/r/netcve	CVE-2022-46258	2023-01-09 17:38:46

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