CVE-2020-10517

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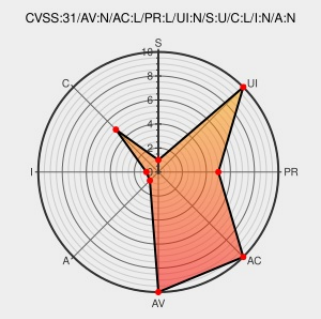
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Github from Github contain the following vulnerability:

An improper access control vulnerability was identified in GitHub Enterprise Server that allowed authenticated users of the instance to determine the names of unauthorized private repositories given their numerical IDs. This vulnerability did not allow unauthorized access to any repository content besides the name. This vulnerability affected all versions of GitHub Enterprise Server prior to 2.22 and was fixed in versions 2.21.6, 2.20.15, and 2.19.21. This vulnerability was reported via the GitHub Bug Bounty program.

CVE-2020-10517 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 **< 2.21.6**

Affected Vendor/Software: **GitHub** - **GitHub Enterprise Server** version **< 2.20.15**

Affected Vendor/Software: **GitHub** - **GitHub Enterprise Server** version **< 2.19.21**

CVSS3 Score: 4.3 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	LOW	NONE
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	LOW	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
GitHub Enterprise - The best way to build and ship software	Release Notes, Vendor Advisory, enterprise.github.com, text/html	CONFIRM N/A
GitHub Enterprise - The best way to build and ship software	Release Notes, Vendor Advisory, enterprise.github.com, text/html	MISC enterprise.github.com/releases/2.19.21/notes
GitHub Enterprise - The best way to build and ship software	Release Notes, Vendor Advisory, enterprise.github.com, text/html	CONFIRM N/A

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	All	All	All	All
Application	Github	Github	All	All	All	All

cpe:2.3:a:github:github:*:*:*:*:enterprise:*:*:*:

cpe:2.3:a:github:github:*:*:*:*:enterprise:*:*:*:

Discovery Credit

William Bowling

Social Mentions

Source	Title	Posted (UTC)
@4ng3n01r3	#CyberSecurity #Security #CERT #CVE #Nist #Analysed #breach #vulnerability : CVE-2020-10517 (github)	2021-10-07 20:07:04

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CVE.report and Source URL Uptime Status status.cve.report