



CVE-2021-22868

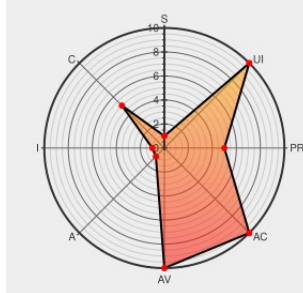
Published on: 09/24/2021 12:00:00 AM UTC

Last Modified on: 10/01/2021 02:19:00 AM UTC

CVE-2021-22868

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:N/A:N



Certain versions of [Enterprise Server](#) from [Github](#) contain the following vulnerability:

A path traversal vulnerability was identified in GitHub Enterprise Server that could be exploited when building a GitHub Pages site. User-controlled configuration options used by GitHub Pages were not sufficiently restricted and made it possible to read files on the GitHub Enterprise Server instance. To exploit this vulnerability, an attacker would need permission to create and build a GitHub Pages site on the GitHub Enterprise Server instance. This vulnerability affected all versions of GitHub Enterprise Server prior to 3.1.8 and was fixed in 3.1.8, 3.0.16, and 2.22.22. This vulnerability was reported via the GitHub Bug Bounty program. This is the result of an incomplete fix for CVE-2021-22867.

CVE-2021-22868 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 < 2.22.22

Affected Vendor/Software: [GitHub](#) - **GitHub Enterprise Server** version < 3.0.16

Affected Vendor/Software: [GitHub](#) - **GitHub Enterprise Server** version < 3.1.8

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
Release notes - GitHub Docs	docs.github.com text/html	MISC docs.github.com/en/enterprise-server@2.22/admin/release-notes#2.22.22
Release notes - GitHub Docs	docs.github.com text/html	MISC docs.github.com/en/enterprise-server@3.1/admin/release-notes#3.1.8
Release notes - GitHub Docs	docs.github.com text/html	MISC docs.github.com/en/enterprise-server@3.0/admin/release-notes#3.0.16

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

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

yvvdwf

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-22868 : A path traversal vulnerability was identified in GitHub Enterprise Server that could be exploited... twitter.com/i/web/status/1...	2021-09-24 18:02:13
@SecRiskRptSME	RT: CVE-2021-22868 A path traversal vulnerability was identified in GitHub Enterprise Server that could be exploit... twitter.com/i/web/status/1...	2021-09-25 07:33:21
@threatmeter	CVE-2021-22868 A path traversal vulnerability was identified in GitHub Enterprise Server that could be exploited wh... twitter.com/i/web/status/1...	2021-09-25 09:09:51

[← Previous ID](#)[Next ID →](#)

consequences of his or her direct or indirect use of this web site. ALL WARRANTIES OF ANY KIND ARE EXPRESSLY DISCLAIMED. This site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registered trademarks of [The MITRE Corporation](#) and the authoritative source of CVE content is [MITRE's CVE web site](#). This site includes MITRE data granted under the following [license](#).

CVE.report and Source URL Uptime Status [status.cve.report](#)