



CVE-2022-2251

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

Summary

CVE	CVE-2022-2251
State	PUBLIC
Assigner	cve@gitlab.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-01-17 21:15:00 UTC
Updated	2023-08-08 14:22:00 UTC
Description	Improper sanitization of branch names in GitLab Runner affecting all versions prior to 15.3.5, 15.4 prior to 15.4.4, and 15.5

Risk And Classification

Problem Types: CWE-78

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gitlab	Runner	All	All	All	All

References

Reference	Source	Link	Ta
HackerOne	MISC	hackerone.com	
2022/CVE-2022-2251.json · master · GitLab.org / cves · GitLab	CONFIRM	gitlab.com	
Command injection via branch name in CI pipelines. (#27386) · Issues · GitLab.org / gitlab-runner · GitLab	MISC	gitlab.com	
CVE Program record	CVE.ORG	www.cve.org	ca
NVD vulnerability detail	NVD	nvd.nist.gov	ca

Vendor Comments And Credit

Discovery Credit

LEGACY: Thanks [stanlyoncm](https://hackerone.com/stanlyoncm) for reporting this vulnerability through our HackerOne bug bounty program

Legacy QID Mappings

690975 Free Berkeley Software Distribution (FreeBSD) Security Update for gitlab (16f7ec68-5cce-11ed-9be7-454b1dd82c64)

© [CVE.report](#) 2026 |

Use of this information constitutes acceptance for use in an AS IS condition. There are NO warranties, implied or otherwise, with regard to this information or its use. Any use of this information is at the user's risk. It is the responsibility of user to evaluate the accuracy, completeness or usefulness of any information, opinion, advice or other content. EACH USER WILL BE SOLELY RESPONSIBLE FOR ANY 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](#).

Free CVE JSON API [cve.report/api](#)

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