



CVE-2022-41903

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Summary

CVE	CVE-2022-41903
State	PUBLIC
Assigner	security-advisories@github.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-01-17 23:15:00 UTC
Updated	2023-12-27 10:15:00 UTC
Description	Git is distributed revision control system. `git log` can display commits in an arbitrary format using its `--format` specifiers. T

Risk And Classification

Problem Types: CWE-190

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Git-scm	Git	2.39.0	All	All	All
Application	Git-scm	Git	All	All	All	All
Application	Git-scm	Git	All	All	All	All
Application	Git-scm	Git	All	All	All	All
Application	Git-scm	Git	All	All	All	All
Application	Git-scm	Git	All	All	All	All
Application	Git-scm	Git	All	All	All	All
Application	Git-scm	Git	All	All	All	All
Application	Git-scm	Git	All	All	All	All
Application	Git-scm	Git	All	All	All	All
Application	Git-scm	Git	All	All	All	All

References

Reference	Source	Link	Tags
Sync with 2.39.1 · git/git@508386c · GitHub	MISC	github.com	
Git - pretty-formats Documentation	MISC	git-scm.com	
Heap overflow in `git archive`, `git log --format` leading to RCE · Advisory · git/git · GitHub	MISC	github.com	
Git: Multiple Vulnerabilities (GLSA 202312-15) — Gentoo security		security.gentoo.org	

Git - Git Attributes	MISC	git-scm.com	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, ana

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[160443](#) Oracle Enterprise Linux Security Update for git (ELSA-2023-0610)

[160446](#) Oracle Enterprise Linux Security Update for git (ELSA-2023-0611)

[160487](#) Oracle Enterprise Linux Security Update for git (ELSA-2023-0978)

[181505](#) Debian Security Update for git (DLA 3282-1)

[181518](#) Debian Security Update for git (DSA 5332-1)

[184763](#) Debian Security Update for git (CVE-2022-41903)

[199108](#) Ubuntu Security Notification for Git Vulnerabilities (USN-5810-1)

[199516](#) Ubuntu Security Notification for Git Vulnerabilities (USN-5810-3)

[199582](#) Ubuntu Security Notification for Git Vulnerabilities (USN-5810-4)

[241158](#) Red Hat Update for git (RHSA-2023:0596)

[241161](#) Red Hat Update for rh-git227-git (RHSA-2023:0597)

[241163](#) Red Hat Update for git (RHSA-2023:0611)

[241166](#) Red Hat Update for git (RHSA-2023:0610)

[241170](#) Red Hat Update for git (RHSA-2023:0627)

[241174](#) Red Hat Update for git (RHSA-2023:0628)

[241224](#) Red Hat Update for git (RHSA-2023:0978)

[241611](#) Red Hat Update for git (RHSA-2023:0599)

[241642](#) Red Hat Update for git (RHSA-2023:0609)

[257225](#) CentOS Security Update for git (CESA-2023:0978)

[283618](#) Fedora Security Update for git (FEDORA-2023-9718cc6113)

[283619](#) Fedora Security Update for git (FEDORA-2023-746c4aacce)

[354718](#) Amazon Linux Security Advisory for git : ALAS-2023-1679

[354733](#) Amazon Linux Security Advisory for git : ALAS2-2023-1923

355061 Amazon Linux Security Advisory for git : AL2012-2023-385
355256 Amazon Linux Security Advisory for git : ALAS2023-2023-065
377913 Git Multiple Security Vulnerabilities
377997 Alibaba Cloud Linux Security Update for git (ALINUX3-SA-2023:0020)
378118 Alibaba Cloud Linux Security Update for git (ALINUX2-SA-2023:0012)
502636 Alpine Linux Security Update for git
502638 Alpine Linux Security Update for git
502639 Alpine Linux Security Update for git
502727 Alpine Linux Security Update for git
503106 Alpine Linux Security Update for git
505872 Alpine Linux Security Update for git
672708 EulerOS Security Update for git (EulerOS-SA-2023-1466)
672737 EulerOS Security Update for git (EulerOS-SA-2023-1441)
672793 EulerOS Security Update for git (EulerOS-SA-2023-1548)
672811 EulerOS Security Update for git (EulerOS-SA-2023-1523)
672868 EulerOS Security Update for git (EulerOS-SA-2023-1594)
672898 EulerOS Security Update for git (EulerOS-SA-2023-1757)
672902 EulerOS Security Update for git (EulerOS-SA-2023-1779)
673069 EulerOS Security Update for git (EulerOS-SA-2023-2145)
691068 Free Berkeley Software Distribution (FreeBSD) Security Update for git (2fcc7e4-b1d7-11ed-b0f4-002590f2a714)
710816 Gentoo Linux Git Multiple Vulnerabilities (GLSA 202312-15)
753543 SUSE Enterprise Linux Security Update for git (SUSE-SU-2023:0109-1)
753549 SUSE Enterprise Linux Security Update for git (SUSE-SU-2023:0110-1)
753550 SUSE Enterprise Linux Security Update for git (SUSE-SU-2023:0108-1)
905274 Common Base Linux Mariner (CBL-Mariner) Security Update for git (13016)
905275 Common Base Linux Mariner (CBL-Mariner) Security Update for git (13026)
905477 Common Base Linux Mariner (CBL-Mariner) Security Update for git (13016-1)
907379 Common Base Linux Mariner (CBL-Mariner) Security Update for git (13026-1)

[940913](#) AlmaLinux Security Update for git (ALSA-2023:0610)

[940915](#) AlmaLinux Security Update for git (ALSA-2023:0611)

[960534](#) Rocky Linux Security Update for git (RLSA-2023:0611)

[960568](#) Rocky Linux Security Update for git (RLSA-2023:0610)

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