



CVE-2022-29187

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2022-29187
State	PUBLIC
Assigner	security-advisories@github.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-07-12 21:15:00 UTC
Updated	2024-01-14 10:15:00 UTC
Description	Git is a distributed revision control system. Git prior to versions 2.37.1, 2.36.2, 2.35.4, 2.34.4, 2.33.4, 2.32.3, 2.31.4, and 2.30.2

Risk And Classification

Problem Types: CWE-427 | CWE-282

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Apple	Xcode	All	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Fedoraproject	Fedora	35	All	All	All
Operating System	Fedoraproject	Fedora	36	All	All	All
Operating System	Fedoraproject	Fedora	37	All	All	All
Application	Git-scm	Git	All	All	All	All

References

Reference	Source	Link
[SECURITY] Fedora 37 Update: libgit2-1.3.2-1.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 36 Update: git-2.37.1-1.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 37 Update: rust-cargo-c-0.9.12-3.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
Full Disclosure: APPLE-SA-2022-11-01-1 Xcode 14.1	FULLDISC	seclists.org
Bypass of safe.directory protections · Advisory · git/git · GitHub	CONFIRM	github.com
oss-security - Git v2.37.1 and friends for CVE-2022-29187	MLIST	www.openwall.com
libgit2: Privilege Escalation Vulnerability (GLSA 202401-17) — Gentoo security		security.gentoo.org
[SECURITY] Fedora 36 Update: libgit2-1.3.2-1.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org

[SECURITY] Fedora 37 Update: libgit2-1.3.2-1.fc37 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
Git security vulnerability announced The GitHub Blog	MISC	github.blog
[SECURITY] Fedora 36 Update: rust-bat-0.21.0-6.fc36 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] [DLA 3239-1] git security update	MLIST	lists.debian.org
[ANNOUNCE] Git v2.37.1 and others		lore.kernel.org
Git: Multiple Vulnerabilities (GLSA 202312-15) — Gentoo security		security.gentoo.org
[SECURITY] Fedora 36 Update: git-2.37.1-1.fc36 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[SECURITY] Fedora 36 Update: rust-bat-0.21.0-6.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 35 Update: git-2.37.1-1.fc35 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
[ANNOUNCE] Git v2.37.1 and others	MISC	lore.kernel.org
[SECURITY] Fedora 35 Update: git-2.37.1-1.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] Fedora 36 Update: libgit2-1.3.2-1.fc36 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
About the security content of Xcode 14.1 - Apple Support	CONFIRM	support.apple.com
[SECURITY] Fedora 37 Update: rust-cargo-c-0.9.12-3.fc37 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[160630](#) Oracle Enterprise Linux Security Update for git (ELSA-2023-2319)

[160657](#) Oracle Enterprise Linux Security Update for git (ELSA-2023-2859)

[181320](#) Debian Security Update for git (DLA 3239-1)

[181321](#) Debian Security Update for git (DLA 3239-2)

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

[182337](#) Debian Security Update for git (CVE-2022-29187)

[198856](#) Ubuntu Security Notification for Git Vulnerabilities (USN-5511-1)

[241436](#) Red Hat Update for git (RHSA-2023:2319)

[241487](#) Red Hat Update for git (RHSA-2023:2859)

[242859](#) Red Hat Update for git (RHSA-2024:0407)

[282953](#) Fedora Security Update for git (FEDORA-2022-dfd7e7fc0e)

[282985](#) Fedora Security Update for git (FEDORA-2022-2a5de7cb8b)

283637 Fedora Security Update for libgit2 (FEDORA-2023-470c7ea49e)
283645 Fedora Security Update for rust (FEDORA-2023-e3c8abd37e)
283646 Fedora Security Update for libgit2 (FEDORA-2023-1068309389)
283652 Fedora Security Update for rust (FEDORA-2023-3ec32f6d4e)
354010 Amazon Linux Security Advisory for git : ALAS2-2022-1820
354034 Amazon Linux Security Advisory for git : ALAS-2022-1623
354337 Amazon Linux Security Advisory for git : ALAS2022-2022-118
354445 Amazon Linux Security Advisory for git : ALAS2022-2022-236
354589 Amazon Linux Security Advisory for git : ALAS-2022-236
355256 Amazon Linux Security Advisory for git : ALAS2023-2023-065
377735 Apple Xcode Prior to 14.1 Vulnerabilities (HT213496)
379406 Git for Windows Multiple Security Vulnerability (CVE-2022-29187,CVE-2022-31012)
502431 Alpine Linux Security Update for git
502432 Alpine Linux Security Update for git
502433 Alpine Linux Security Update for git
502434 Alpine Linux Security Update for git
502725 Alpine Linux Security Update for git
502876 Alpine Linux Security Update for libgit2
672092 EulerOS Security Update for git (EulerOS-SA-2022-2286)
672103 EulerOS Security Update for git (EulerOS-SA-2022-2315)
672200 EulerOS Security Update for git (EulerOS-SA-2022-2459)
672263 EulerOS Security Update for git (EulerOS-SA-2022-2680)
672266 EulerOS Security Update for git (EulerOS-SA-2022-2648)
690897 Free Berkeley Software Distribution (FreeBSD) Security Update for git (b99f99f6-021e-11ed-8c6f-000c29ffbb6c)
710816 Gentoo Linux Git Multiple Vulnerabilities (GLSA 202312-15)
710835 Gentoo Linux libgit2 Privilege Escalation Vulnerability (GLSA 202401-17)
752375 SUSE Enterprise Linux Security Update for git (SUSE-SU-2022:2535-1)
752381 SUSE Enterprise Linux Security Update for git (SUSE-SU-2022:2537-1)
752392 SUSE Enterprise Linux Security Update for git (SUSE-SU-2022:2550-1)

[752650](#) SUSE Enterprise Linux Security Update for libgit2 (SUSE-SU-2022:3494-1)

[752654](#) SUSE Enterprise Linux Security Update for libgit2 (SUSE-SU-2022:3495-1)

[753386](#) SUSE Enterprise Linux Security Update for libgit2 (SUSE-SU-2022:3283-1)

[941032](#) AlmaLinux Security Update for git (ALSA-2023:2319)

[941077](#) AlmaLinux Security Update for git (ALSA-2023:2859)

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