



# CVE-2022-24439

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2022-24439
<b>State</b>	PUBLIC
<b>Assigner</b>	report@snyk.io
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-12-06 05:15:00 UTC
<b>Updated</b>	2024-01-09 03:21:00 UTC
<b>Description</b>	All versions of package gitpython are vulnerable to Remote Code Execution (RCE) due to improper user input validation, w

## Risk And Classification

### Problem Types: CWE-20

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	36	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	37	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	38	All	All	All
Application	<a href="#">Gitpython Project</a>	<a href="#">Gitpython</a>	All	All	All	All
Application	<a href="#">Gitpython Project</a>	<a href="#">Gitpython</a>	-	All	All	All

## References

Reference	Source	Link
[SECURITY] Fedora 38 Update: GitPython-3.1.32-1.fc38 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedorap</a>
[SECURITY] [DLA 3502-1] python-git security update	MLIST	<a href="#">lists.debian.</a>
GitPython: Code Execution via Crafted Input (GLSA 202311-01) — Gentoo security	GENTOO	<a href="#">security.gen</a>
[SECURITY] Fedora 37 Update: GitPython-3.1.32-1.fc37 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedorap</a>
[SECURITY] Fedora 38 Update: GitPython-3.1.32-1.fc38 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedorap</a>
[SECURITY] Fedora 37 Update: GitPython-3.1.30-1.fc37 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedorap</a>
[SECURITY] Fedora 36 Update: GitPython-3.1.30-1.fc36 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedorap</a>
[SECURITY] Fedora 36 Update: GitPython-3.1.30-1.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedorap</a>

[SECURITY] Fedora 37 Update: GitPython-3.1.30-1.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedorap</a>
Remote Code Execution (RCE) in gitpython   CVE-2022-24439   Snyk	CONFIRM	<a href="#">security.sny</a>
N/A	CONFIRM	<a href="#">github.com</a>
[SECURITY] Fedora 37 Update: GitPython-3.1.32-1.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fedorap</a>
GitPython/base.py at bec61576ae75803bc4e60d8de7a629c194313d1c · gitpython-developers/GitPython · GitHub	MITRE	<a href="#">github.com</a>
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>

### Vendor Comments And Credit

Discovery Credit

**LEGACY:** Sam Wheating

### Legacy QID Mappings

<a href="#">184908</a> Debian Security Update for python-git (CVE-2022-24439)
<a href="#">199509</a> Ubuntu Security Notification for GitPython Vulnerability (USN-5968-1)
<a href="#">242363</a> Red Hat Update for Satellite 6.13.5 (RHSA-2023:5931)
<a href="#">283577</a> Fedora Security Update for GitPython (FEDORA-2022-8146a727a8)
<a href="#">283582</a> Fedora Security Update for GitPython (FEDORA-2022-ce7369b9ec)
<a href="#">284433</a> Fedora Security Update for GitPython (FEDORA-2023-1ec4e542f9)
<a href="#">6000125</a> Debian Security Update for python-git (DLA 3502-1)
<a href="#">710784</a> Gentoo Linux GitPython Code Execution via Crafted Input Vulnerability (GLSA 202311-01)

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