



GitPython: Unsafe option check validates multi_options before shlex.split transforms it

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

Summary

CVE	CVE-2026-42284
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-05-07 19:16:01 UTC
Updated	2026-05-08 23:16:36 UTC
Description	GitPython is a python library used to interact with Git repositories. Prior to version 3.1.47, _clone() validates multi_options a

Risk And Classification

Primary CVSS: v3.1 9.8 CRITICAL from nvd@nist.gov

CVSS: 3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

EPSS: 0.000470000 probability, percentile 0.143230000 (date 2026-05-08)

Problem Types: CWE-88 | CWE-88 CWE-88: Improper Neutralization of Argument Delimiters in a Command ('Argument Injection')

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	security-advisories@github.com	Secondary	8.1	HIGH	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	8.1	HIGH	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Gitpython Project	Gitpython	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Gitpython-developers	GitPython	affected < 3.1.47	Not specified

References

Reference	Source	Link
github.com/gitpython-developers/GitPython/releases/tag/3.1.47	security-advisories@github.com	github.com
github.com/gitpython-developers/GitPython/security/advisories/GHSA-x2qx-...	security-advisories@github.com	github.com
www.tenable.com/cve/CVE-2026-32686	134c704f-9b21-4f2e-91b3-4a467353bcc0	www.tenable.com
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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