simple-git has blockUnsafeOperationsPlugin bypass via case-insensitive protocol.allow config key that enables RCE

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2026-28292
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-10 19:17:20 UTC
Updated	2026-04-14 16:16:38 UTC
Description	`simple-git`, an interface for running git commands in any node.js application, has an issue in versions 3.15.0 through 3.32.

Risk And Classification

Primary CVSS: v3.1 9.8 CRITICAL from security-advisories@github.com

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

EPSS: 0.001030000 probability, percentile 0.281920000 (date 2026-04-15)

Problem Types: CWE-78 | CWE-178 | CWE-78 CWE-78: Improper Neutralization of Special Elements used in an OS Command ('OS Command Injection') | CWE-178 CWE-178: Improper Handling of Case Sensitivity

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	CNA	DECLARED	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/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	Simple-git Project	Simple-git	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Steveukx	Simple-git	affected >= 3.15.0, < 3.32.3	Not specified

References

Reference	Source	Link
github.com/steveukx/git-js/commit/f7042088aa2dac59e3c49a84d7a2f4b26048a257	security-advisories@github.com	github.com
www.codeant.ai/security-research/security-research-simple-git-remote-code-ex...	security-advisories@github.com	www.codea
www.codeant.ai/security-research/simple-git-remote-code-execution-cve-2026-2...	134c704f-9b21-4f2e-91b3-4a467353bcc0	www.codea
github.com/steveukx/git-js/security/advisories/GHSA-r275-fr43-pm7q	security-advisories@github.com	github.com
CVE Program record	CVE.ORG	www.cve.or
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.

CVE.report and Source URL Uptime Status status.cve.report