

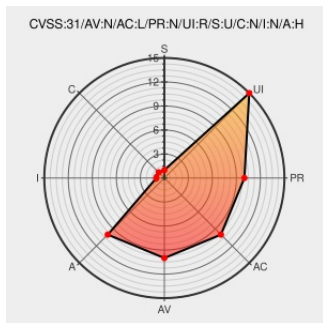


CVE-2023-29415

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CVE-2023-29415

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

Certain versions of [Bzip3](#) from [Bzip3 Project](#) contain the following vulnerability:

An issue was discovered in libbzip3.a in bzip3 before 1.3.0. A denial of service (process hang) can occur with a crafted archive because bzip3 does not follow the required procedure for interacting with libsais.

CVE-2023-29415 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **6.5 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	REQUIRED
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVE References

Description	Tags	Link
A crafted bz3 archive hangs the process · Issue #95 · kspalaiologos/bzip3 · GitHub	github.com text/html	MISC github.com/kspalaiologos/bzip3/issues/95
[SECURITY] Fedora 36 Update: bzip3-1.3.0-1.fc36 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2023-3a821e6e73
Comparing 1.2.3...1.3.0 · kspalaiologos/bzip3 · GitHub	github.com text/html	MISC github.com/kspalaiologos/bzip3/compare/1.2.3...1.3.0
[SECURITY] Fedora 38 Update: bzip3-1.3.0-1.fc38 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2023-3589ad1c55
[SECURITY] Fedora 37 Update: bzip3-1.3.0-1.fc37 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2023-c08f9dfc16
CVE-2023-29415	security-tracker.debian.org text/html	MISC security-tracker.debian.org/tracker/CVE-2023-29415

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Related QID Numbers

- [184535](#) Debian Security Update for bzip3 (CVE-2023-29415)
- [283885](#) Fedora Security Update for bzip3 (FEDORA-2023-3a821e6e73)
- [283886](#) Fedora Security Update for bzip3 (FEDORA-2023-c08f9dfc16)
- [284197](#) Fedora Security Update for bzip3 (FEDORA-2023-3589ad1c55)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Bzip3 Project	Bzip3	All	All	All	All
Operating System	Debian	Debian Linux	12.0	All	All	All
cpe:2.3:a:bzip3_project:bzip3:*:*:*:*:*:						
cpe:2.3:o:debian:debian_linux:12.0:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2023-29415 : An issue was discovered in libbzip3.a in bzip3 before 1.3.0. A denial of service process hang ca... twitter.com/i/web/status/1...	2023-04-06 05:03:12
 /r/netcve	CVE-2023-29415	2023-04-06 06:24:22
 /r/Team_IT_Security	CVE-2023-29415	2023-04-06 10:26:04
 /r/Team_IT_Security	CVE-2023-29415	2023-04-06 23:07:40

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