



CVE-2023-29419

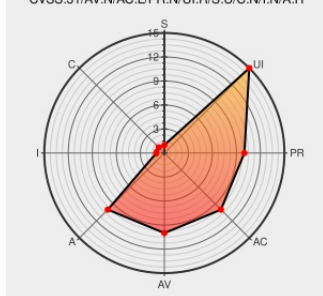
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[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:N/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H



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

An issue was discovered in libbzip3.a in bzip3 before 1.2.3. There is a bz3_decode_block out-of-bounds read.

CVE-2023-29419 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
Comparing 1.2.2...1.2.3 · kspalaiologos/bzip3 · GitHub	github.com text/html	MISC github.com/kspalaiologos/bzip3/compare/1.2.2...1.2.3
[SECURITY] Fedora 36 Update: bzip3-1.3.0-1.fc36 - package-announce - Fedora Mailing-Lists	lists.fedoraproject.org text/html	FEDORA FEDORA-2023-3a821e6e73
[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

mRLE: decoding bounds ·
kspalaiologos/bzip3@8ec8ce7 · GitHub

github.com
text/html

MISC

github.com/kspalaiologos/bzip3/commit/8ec8ce7d3d58bf42dabc47e4cc53aa27051bd

multiple crashes from fuzzing ·
Issue #92 ·
kspalaiologos/bzip3 · GitHub

github.com
text/html

MISC

github.com/kspalaiologos/bzip3/issues/92

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Related QID Numbers

- 183456 Debian Security Update for bzip3 (CVE-2023-29419)
- 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
cpe:2.3:a:bzip3_project:bzip3:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2023-29419 : An issue was discovered in libbzip3.a in bzip3 before 1.2.3. There is a bz3_decode_block out-of-bo... twitter.com/i/web/status/1...	2023-04-06 05:04:24
/r/netcve	CVE-2023-29419	2023-04-06 06:24:25
/r/Team_IT_Security	CVE-2023-29419	2023-04-06 10:27:00
/r/Team_IT_Security	CVE-2023-29419	2023-04-06 23:07:44

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