

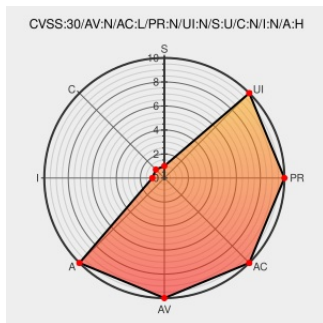


CVE-2017-8395

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CVE-2017-8395

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

Certain versions of [Binutils](#) from [Gnu](#) contain the following vulnerability:

The Binary File Descriptor (BFD) library (aka libbfd), as distributed in GNU Binutils 2.28, is vulnerable to an invalid write of size 8 because of missing a malloc() return-value check to see if memory had actually been allocated in the `_bfd_generic_get_section_contents` function. This vulnerability causes programs that conduct an analysis of binary programs using the libbfd library, such as objcopy, to crash.

CVE-2017-8395 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
Binutils: Multiple vulnerabilities (GLSA 201709-02) — Gentoo security	security.gentoo.org text/html	GENTOO GLSA-201709-02
21431 — objcopy segfault - null pointer dereferencing	Issue Tracking	CONFIRM sourceware.org/bugzilla/show_bug.cgi?

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Application	Gnu	Binutils	2.28	All	All	All
Application	Gnu	Binutils	2.28	All	All	All
cpe:2.3:a:gnu:binutils:2.28:*****:						
cpe:2.3:a:gnu:binutils:2.28:*****:						

No vendor comments have been submitted for this CVE