

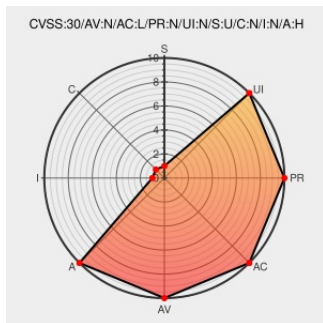


CVE-2017-8396

Published on: 05/01/2017 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:26:44 PM UTC

CVE-2017-8396

[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 read of size 1 because the existing reloc offset range tests didn't catch small negative offsets less than the size of the reloc field. This vulnerability causes programs that conduct an analysis of binary programs using the libbfd library, such as objdump, to crash.

CVE-2017-8396 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
21432 — heap buffer overflow in objdump	Issue Tracking	CONFIRM sourceware.org/bugzilla/show_bug.cgi?

21432

heap buffer overflow in objdump

Issue TrackingPatchThird Party Advisorysourceware.orgtext/html

 [Sourceware.org/bugzilla/show_bug.cgi?id=21432](https://sourceware.org/bugzilla/show_bug.cgi?id=21432)

By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.

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

← Previous ID

Next ID→