



CVE-2017-8393

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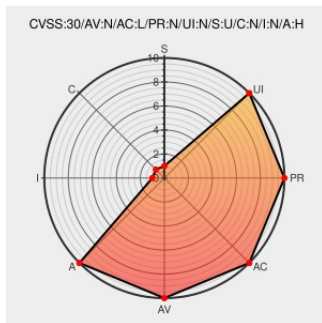
CVE-2017-8393

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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 a global buffer over-read error because of an assumption made by code that runs for objcopy and strip, that SHT_REL/SHR_RELA sections are always named starting with a .rel/.rela prefix. This vulnerability causes programs that conduct an analysis of binary programs using the libbfd library, such as objcopy

and strip, to crash.

CVE-2017-8393 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
21412 – global-buffer-overflow in objcopy	Issue Tracking Patch	CONFIRM sourceware.org/bugzilla/show_bug.cgi?id=21412

Third Party Advisory
sourceware.org
text/html

Binutils: Multiple vulnerabilities (GLSA 201709-02) — Gentoo security

security.gentoo.org
text/html

 GENTOO GLSA-201709-02

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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

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