



CVE-2017-9042

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

Certain versions of [Binutils](#) from [Gnu](#) contain the following vulnerability: readelf.c in GNU Binutils 2.25.1 has a "cannot be represented in type long" issue, which might allow remote attackers to cause a denial of service (application crash) or possibly have unspecified other impact via a crafted ELF file.

CVE-2017-9042 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.8 - HIGH**

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

CVSS2 Score: **6.8 - MEDIUM**

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

CVE References

Description	Tags	Link
binutils: multiple crashes agostino's blog	Patch Third Party Advisory VDB Entry blogs.gentoo.org text/html	MISC blogs.gentoo.org/ago/2017/05/12/binutils-multiple-crashes/

sourceware.org Git - binutils-gdb.git/commit

sourceware.org

text/xml

 MISC sourceware.org/git/gitweb.cgi?p=binutils-gdb.git;h=7296a62a2a237f6b1ad8db8c38b090e9f592c8cf

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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