

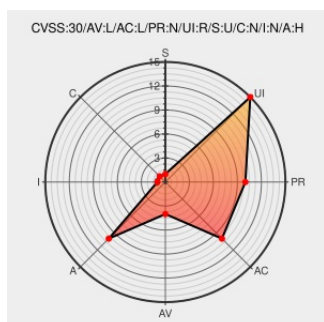


CVE-2017-15024

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CVE-2017-15024

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

Certain versions of [Binutils](#) from [Gnu](#) contain the following vulnerability:
find_abstract_instance_name in dwarf2.c in the Binary File Descriptor (BFD) library (aka libbfd), as distributed in GNU Binutils 2.29, allows remote attackers to cause a denial of service (infinite recursion and application crash) via a crafted ELF file.

CVE-2017-15024 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

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

CVSS2 Score: **4.3 - MEDIUM**

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

CVE References

Description	Tags	Link
sourceware.org Git - binutils-gdb.git/commit	Issue Tracking Patch Third Party Advisory sourceware.org text/xml	MISC sourceware.org/git/gitweb.cgi?p=binutils-gdb.git;h=52a93b95ec0771c97e26f0bb28630a271a667bd2

binutils: infinite loop in
find_abstract_instance_name (dwarf2.c) |
agostino's blog

Patch

Third Party Advisory

blogs.gentoo.org

text/html

MISC blogs.gentoo.org/ago/2017/10/03/binutils-infinite-loop-in-find_abstract_instance_name-dwarf2-c/

22187 – infinite loop in
find_abstract_instance_name (dwarf2.c)

Issue Tracking

Patch

Third Party Advisory

sourceware.org

text/html

MISC sourceware.org/bugzilla/show_bug.cgi?id=22187

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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	2.29	All	All	All
Application	Gnu	Binutils	2.29	All	All	All

cpe:2.3:a:gnu:binutils:2.29.*.*.*.*.*.*

cpe:2.3:a:gnu:binutils:2.29.*.*.*.*.*.*

No vendor comments have been submitted for this CVE

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