

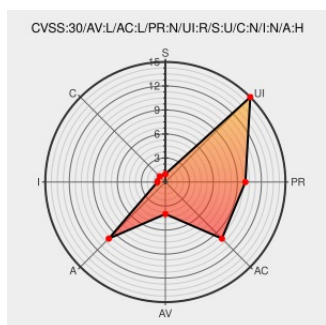


CVE-2018-9138

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CVE-2018-9138

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

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

An issue was discovered in cplus-dem.c in GNU libiberty, as distributed in GNU Binutils 2.29 and 2.30. Stack Exhaustion occurs in the C++ demangling functions provided by libiberty, and there are recursive stack frames: demangle_nested_args, demangle_args, do_arg, and do_type.

CVE-2018-9138 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
USN-4326-1: libiberty vulnerabilities Ubuntu security notices	usn.ubuntu.com text/html	UBUNTU USN-4326-1
USN-4336-1: GNU binutils vulnerabilities Ubuntu security notices	usn.ubuntu.com text/html	UBUNTU USN-4336-1

23008 – Stack Overflow(Stack Exhaustion) in demangle related functions

Issue Tracking

Third Party Advisory

sourceware.org

text/html

 sourceware.org/bugzilla/show_bug.cgi?id=23008

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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	2.30	All	All	All
Application	Gnu	Binutils	2.29	All	All	All
Application	Gnu	Binutils	2.30	All	All	All
cpe:2.3:a:gnu:binutils:2.29:*****:.*						
cpe:2.3:a:gnu:binutils:2.30:*****:.*						
cpe:2.3:a:gnu:binutils:2.29:*****:.*						
cpe:2.3:a:gnu:binutils:2.30:*****:.*						

No vendor comments have been submitted for this CVE

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