



CVE-2017-6966

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

Certain versions of [Binutils](#) from [Gnu](#) contain the following vulnerability: readelf in GNU Binutils 2.28 has a use-after-free (specifically read-after-free) error while processing multiple, relocated sections in an MSP430 binary. This is caused by mishandling of an invalid symbol index, and mishandling of state across invocations.

CVE-2017-6966 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
21139 – readelf crashes - corrupted double-linked list because of use after free	Exploit Issue Tracking sourceware.org text/html	CONFIRM sourceware.org/bugzilla/show_bug.cgi?id=21139

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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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