



CVE-2018-20456

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CVE-2018-20456

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

Certain versions of [Radare2](#) from [Radare](#) contain the following vulnerability:

In radare2 prior to 3.1.1, the parseOperand function inside `libr/asm/p/asm_x86_nz.c` may allow attackers to cause a denial of service (application crash in `libr/util/strbuf.c` via a stack-based buffer over-read) by crafting an input file, a related issue to CVE-2018-20455.

CVE-2018-20456 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
AddressSanitizer: stack-buffer-overflow at <code>libr/util/strbuf.c:47</code> · Issue #12372 · radareorg/radare2 · GitHub	Exploit Third Party Advisory github.com text/html	MISC github.com/radare/radare2/issues/12372

Fix #12372 and #12373 -
Crash in x86 assembler
(#12380) ·
radareorg/radare2@9b46d38 ·
GitHub

Patch
Third Party Advisory
github.com
text/html

MISC
github.com/radare/radare2/commit/9b46d38dd3c4de6048a488b655c7319f845af185

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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	Radare	Radare2	All	All	All	All
Application	Radare	Radare2	All	All	All	All
cpe:2.3:a:radare:radare2:*****:						
cpe:2.3:a:radare:radare2:*****:						

No vendor comments have been submitted for this CVE

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