CVE-2017-16359

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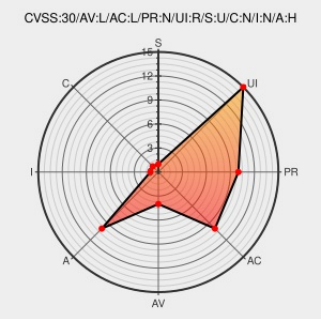
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Radare2 from Radare contain the following vulnerability:

In radare 2.0.1, a pointer wraparound vulnerability exists in store_versioninfo_gnu_verdef() in libr/bin/format/elf/elf.c.

CVE-2017-16359 has been assigned by 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
Fix #8764 a 3rd time since 2nd time is UB and can be optimized away · radareorg/radare2@fbaf24b · GitHub	Issue Tracking, Patch, Third Party Advisory, github.com, text/html	CONFIRM github.com/radare/radare2/commit/fbaf24bce7ea4211e4608b3ab6c1b45702cb243d

Fix #8764 - huge vd_aux caused pointer wraparound · radareorg/radare2@62e39f3 · GitHub	Issue Tracking Patch Third Party Advisory github.com text/html	CONFIRM github.com/radare/radare2/commit/62e39f34b2705131a2d08aff0c2e542c6a52cf0e
Fix #8764 differently since ptr diff might not fit in ptrdiff_t · radareorg/radare2@d21e91f · GitHub	Issue Tracking Patch Third Party Advisory github.com text/html	CONFIRM github.com/radare/radare2/commit/d21e91f075a7a7a8ed23baa5c1bb1fac48313882
Crash in ELF version parse · Issue #8764 · radareorg/radare2 · GitHub	Exploit Issue Tracking Patch Third Party Advisory github.com text/html	CONFIRM github.com/radare/radare2/issues/8764

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	2.0.1	All	All	All
Application	Radare	Radare2	2.0.1	All	All	All

cpe:2.3:a:radare:radare2:2.0.1:*:*:*:*:*:*:*:

cpe:2.3:a:radare:radare2:2.0.1:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→