



CVE-2017-7946

Published on: 04/18/2017 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:26:41 PM UTC

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

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

The `get_relocs_64` function in `lib/bin/format/mach0/mach0.c` in `radare2` 1.3.0 allows remote attackers to cause a denial of service (use-after-free and application crash) via a crafted Mach0 file.

CVE-2017-7946 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
Use-after-free in <code>get_relocs_64()</code> · Issue #7301 · radare/radare2 · GitHub	Issue Tracking Patch Third Party Advisory github.com text/html	CONFIRM github.com/radare/radare2/issues/7301

Fix null deref and uaf in mach0
parser ·
radare/radare2@d1e8ac6 ·
GitHub

Issue Tracking

Patch

Third Party Advisory

github.com

text/html

CONFIRM

github.com/radare/radare2/commit/d1e8ac62c6d978d4662f69116e30230d43033c92

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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	1.3.0	All	All	All
Application	Radare	Radare2	1.3.0	All	All	All
cpe:2.3:a:radare:radare2:1.3.0:*:*:*:*:*:						
cpe:2.3:a:radare:radare2:1.3.0:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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