CVE-2019-16718

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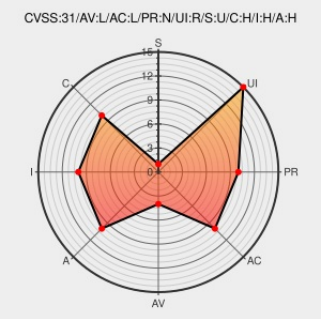
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Radare2 from Radare contain the following vulnerability:

In radare2 before 3.9.0, a command injection vulnerability exists in bin_symbols() in libr/core/cbin.c. By using a crafted executable file, it's possible to execute arbitrary shell commands with the permissions of the victim. This vulnerability is due to an insufficient fix for CVE-2019-14745 and improper handling of symbol names embedded in executables.

CVE-2019-16718 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.8 - HIGH

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	REQUIRED
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	HIGH	HIGH	HIGH

CVSS2 Score: 6.8 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
Comparing 3.8.0...3.9.0 · radareorg/radare2 · GitHub	Patch, Third Party Advisory	MISC github.com/radareorg/radare2/compare/3.8.0...3.9.0

	github.com text/html	
Fix #14990 - multiple quoted command parsing issue ##core · radareorg/radare2@dd739f5 · GitHub	Third Party Advisory github.com text/html	MISC github.com/radareorg/radare2/commit/dd739f5a45b3af3d1f65f00fe19af1dbfec7aea7
More fixes for the CVE-2019-14745 · radareorg/radare2@5411543 · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/radareorg/radare2/commit/5411543a310a470b1257fb93273cdd6e8dfcb3af

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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