

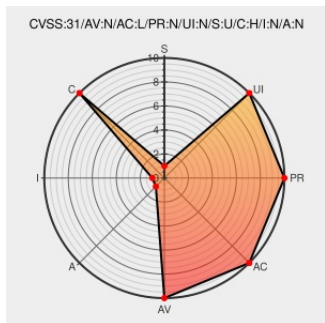


CVE-2018-14337

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CVE-2018-14337

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

Certain versions of [Debian Linux](#) from [Debian](#) contain the following vulnerability:

The CHECK macro in mrbgems/mruby-sprintf/src/sprintf.c in mruby 1.4.1 contains a signed integer overflow, possibly leading to out-of-bounds memory access because the mrb_str_resize function in string.c does not check for a negative length.

CVE-2018-14337 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **7.5 - HIGH**

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

CVSS2 Score: **5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
Signed integer overflow in mrb_str_format · Issue #4062 · mruby/mruby · GitHub	Exploit Third Party Advisory github.com text/html	MISC github.com/mruby/mruby/issues/4062

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Related QID Numbers

179269 Debian Security Update for mruby (DLA 2996-1)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Mruby	Mruby	1.4.1	All	All	All
Application	Mruby	Mruby	1.4.1	All	All	All
cpe:2.3:o:debian:debian_linux:9.0:*:*:*:*:*:						
cpe:2.3:a:mruby:mruby:1.4.1:*:*:*:*:*:						
cpe:2.3:a:mruby:mruby:1.4.1:*:*:*:*:*:						

No vendor comments have been submitted for this CVE