



CVE-2018-12247

Published on: 06/12/2018 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:24:23 PM UTC

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Source: Mitre

Source: NIST

CVE.ORG

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

An issue was discovered in mruby 1.4.1. There is a NULL pointer dereference in mrb_class, related to certain .clone usage, because mrb_obj_clone in kernel.c copies flags other than the MRB_FLAG_IS_FROZEN flag (e.g., the embedded flag).

CVE-2018-12247 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	NONE	NONE	HIGH

CVSS2 Score: **5 - MEDIUM**

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

CVE References

Description	Tags	Link
Allow `Object#clone` to copy frozen status only; fix #4036 · mruby/mruby@55edae0 · GitHub	Patch Third Party Advisory github.com text/html	MISC github.com/mruby/mruby/commit/55edae0226409de25e59922807cb09acb45731a2

Null pointer dereference in
mrb_class · Issue #4036 ·
mruby/mruby · GitHub

Issue Tracking

Third Party Advisory

github.com

text/html

MISC github.com/mruby/mruby/issues/4036

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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	Mruby	Mruby	1.4.1	All	All	All
Application	Mruby	Mruby	1.4.1	All	All	All
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

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