



CVE-2017-16229

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

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

In the Ox gem 2.8.1 for Ruby, the process crashes with a stack-based buffer over-read in the read_from_str function in sax_buf.c when a crafted input is supplied to sax_parse.

CVE-2017-16229 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
ox RubyGems.org your community gem host	Third Party Advisory rubygems.org text/html	MISC rubygems.org/gems/ox/versions/2.8.1
Stack buffer overflow in SAX parser · Issue #195 · ohler55/ox ·	Exploit	MISC github.com/ohler55/ox/issues/195

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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	Ox Project	Ox	2.8.1	All	All	All
Application	Ox Project	Ox	2.8.1	All	All	All
cpe:2.3:a:ox_project:ox:2.8.1:*:*:*:*:ruby:*:*:						
cpe:2.3:a:ox_project:ox:2.8.1:*:*:*:*:ruby:*:*:						

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→