CVE-2017-16516

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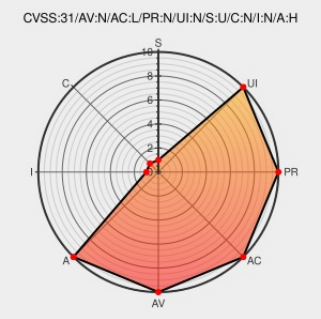
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Debian Linux from Debian contain the following vulnerability:

In the yajl-ruby gem 1.3.0 for Ruby, when a crafted JSON file is supplied to Yajl::Parser.new.parse, the whole ruby process crashes with a SIGABRT in the yajl_string_decode function in yajl_encode.c. This results in the whole ruby process terminating and potentially a denial of service.

CVE-2017-16516 has been assigned by 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
yajl-ruby | RubyGems.org | your community gem host	Third Party Advisory rubygems.org text/html	MISC rubygems.org/gems/yajl-ruby

[SECURITY] [DLA 3492-1] yajl security update	lists.debian.org text/html	MLIST [debian-lts-announce] 20230711 [SECURITY] [DLA 3492-1] yajl security update
SIGABRT - process aborted · Issue #176 · brianmario/yajl-ruby · GitHub	Exploit Third Party Advisory github.com text/html	MISC github.com/brianmario/yajl-ruby/issues/176
[SECURITY] [DLA 1167-1] ruby-yajl security update	Third Party Advisory lists.debian.org text/html	MLIST [debian-lts-announce] 20171108 [SECURITY] [DLA 1167-1] ruby-yajl security update
[SECURITY] [DLA 3516-1] burp security update	lists.debian.org text/html	MLIST [debian-lts-announce] 20230805 [SECURITY] [DLA 3516-1] burp security update

Related QID Numbers

199554 Ubuntu Security Notification for YAJL Vulnerabilities (USN-6233-1)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	7.0	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Application	Yajl-ruby Project	Yajl-ruby	1.3.0	All	All	All
Application	Yajl-ruby Project	Yajl-ruby	1.3.0	All	All	All

cpe:2.3:o:debian:debian_linux:7.0:*:*:*:*:*:*:*

cpe:2.3:o:debian:debian_linux:7.0:*:*:*:*:*:*:*

cpe:2.3:a:yajl-ruby_project:yajl-ruby:1.3.0:*:*:*:*:ruby:*:*

cpe:2.3:a:yajl-ruby_project:yajl-ruby:1.3.0:*:*:*:*:ruby:*:*

No vendor comments have been submitted for this CVE

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CVE.report and Source URL Uptime Status status.cve.report