



CVE-2018-16396

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2018-16396
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2018-11-16 18:29:00 UTC
Updated	2019-10-03 00:03:00 UTC
Description	An issue was discovered in Ruby before 2.3.8, 2.4.x before 2.4.5, 2.5.x before 2.5.2, and 2.6.x before 2.6.0-preview3. It doe

Risk And Classification

Problem Types: NVD-CWE-noinfo

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Canonical	Ubuntu Linux	14.04	All	All	All
Operating System	Canonical	Ubuntu Linux	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.10	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	8.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.4	All	All	All
Operating System	Redhat	Enterprise Linux	7.5	All	All	All
Operating System	Redhat	Enterprise Linux	7.6	All	All	All

Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.4	All	All	All
Operating System	Redhat	Enterprise Linux	7.5	All	All	All
Operating System	Redhat	Enterprise Linux	7.6	All	All	All
Application	Ruby-lang	Ruby	2.6.0	preview1	All	All
Application	Ruby-lang	Ruby	2.6.0	preview2	All	All
Application	Ruby-lang	Ruby	2.6.0	preview1	All	All
Application	Ruby-lang	Ruby	2.6.0	preview2	All	All
Application	Ruby-lang	Ruby	All	All	All	All
Application	Ruby-lang	Ruby	All	All	All	All
Application	Ruby-lang	Ruby	All	All	All	All

References

Reference	Source	Link
Red Hat Customer Portal	REDHAT	access.redhat.co
Debian -- Security Information -- DSA-4332-1 ruby2.3	DEBIAN	www.debian.org
USN-3808-1: Ruby vulnerabilities Ubuntu security notices	UBUNTU	usn.ubuntu.com
Red Hat Customer Portal	REDHAT	access.redhat.co
CVE-2018-16396: Tainted flags are not propagated in Array#pack and String#unpack with some directives	CONFIRM	www.ruby-lang.c
Red Hat Customer Portal	REDHAT	access.redhat.co
Ruby 2.5.2 Released	CONFIRM	www.ruby-lang.c
HackerOne	MISC	hackerone.com
Red Hat Customer Portal	REDHAT	access.redhat.co
Ruby 'Array#pack' Lets Remote Users Bypass Security Restrictions on the Target System - SecurityTracker	SECTRACK	www.securitytra
[SECURITY] [DLA 1558-1] ruby2.1 security update	MLIST	lists.debian.org
Ruby 2.3.8 Released	CONFIRM	www.ruby-lang.c
Ruby 2.4.5 Released	CONFIRM	www.ruby-lang.c
November 2018 Ruby Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	security.netapp.r
[security-announce] openSUSE-SU-2019:1771-1: important: Security update	SUSE	lists.opensuse.o
Ruby 2.6.0-preview3 Released	CONFIRM	www.ruby-lang.c
CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[377477](#) Alibaba Cloud Linux Security Update for ruby (ALINUX2-SA-2019:0111)

[500611](#) Alpine Linux Security Update for ruby

[504371](#) Alpine Linux Security Update for ruby

[690286](#) Free Berkeley Software Distribution (FreeBSD) Security Update for ruby (afc60484-0652-440e-b01a-5ef814747f06)

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