



# CVE-2019-16255

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

## Summary

<b>CVE</b>	CVE-2019-16255
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-11-26 18:15:00 UTC
<b>Updated</b>	2023-04-30 23:15:00 UTC
<b>Description</b>	Ruby through 2.4.7, 2.5.x through 2.5.6, and 2.6.x through 2.6.4 allows code injection if the first argument (aka the "comma

## Risk And Classification

### Problem Types: CWE-94

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.1	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.1	All	All	All
Application	<a href="#">Oracle</a>	<a href="#">Graalvm</a>	19.3.0.2	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	All	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	All	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	All	All	All	All

## References

Reference	Source	Link	Tags
HackerOne	MISC	<a href="#">hackerone.com</a>	Patch, Third Party Ad
[SECURITY] [DLA 2330-1] jruby security update	MLIST	<a href="#">lists.debian.org</a>	
Bugtraq: [SECURITY] [DSA 4587-1] ruby2.3 security update	BUGTRAQ	<a href="#">seclists.org</a>	Mailing List, Third Par
Ruby 2.5.7 リリース	CONFIRM	<a href="#">www.ruby-lang.org</a>	Vendor Advisory
CVE-2019-16255: Shell#[ ]およびShell#testのコード挿入脆弱性	CONFIRM	<a href="#">www.ruby-lang.org</a>	Vendor Advisory

Debian -- Security Information -- DSA-4587-1 ruby2.3	DEBIAN	<a href="http://www.debian.org">www.debian.org</a>	Third Party Advisory
Bugtraq: [SECURITY] [DSA 4586-1] ruby2.5 security update	BUGTRAQ	<a href="http://seclists.org">seclists.org</a>	Mailing List, Third Party
[security-announce] openSUSE-SU-2020:0395-1: important: Recommended update	SUSE	<a href="http://lists.opensuse.org">lists.opensuse.org</a>	Third Party Advisory
[SECURITY] [DLA 2027-1] jruby security update	MLIST	<a href="http://lists.debian.org">lists.debian.org</a>	Third Party Advisory
[SECURITY] [DLA 3408-1] jruby security update	MLIST	<a href="http://lists.debian.org">lists.debian.org</a>	
[SECURITY] [DLA 2007-1] ruby2.1 security update	MISC	<a href="http://lists.debian.org">lists.debian.org</a>	Mailing List, Third Party
Ruby 2.4.8 リリース	CONFIRM	<a href="http://www.ruby-lang.org">www.ruby-lang.org</a>	Vendor Advisory
Ruby 2.6.5 リリース	CONFIRM	<a href="http://www.ruby-lang.org">www.ruby-lang.org</a>	Vendor Advisory
Oracle Critical Patch Update Advisory - January 2020	MISC	<a href="http://www.oracle.com">www.oracle.com</a>	Third Party Advisory
Ruby: Multiple vulnerabilities (GLSA 202003-06) — Gentoo security	GENTOO	<a href="http://security.gentoo.org">security.gentoo.org</a>	Third Party Advisory
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

<a href="#">159290</a> Oracle Enterprise Linux Security Update for ruby:2.5 (ELSA-2021-2587)
<a href="#">159298</a> Oracle Enterprise Linux Security Update for ruby:2.6 (ELSA-2021-2588)
<a href="#">181757</a> Debian Security Update for jruby (DLA 3408-1)
<a href="#">239350</a> Red Hat Update for rh-ruby25-ruby (RHSA-2021:2104)
<a href="#">239368</a> Red Hat Update for rh-ruby26-ruby (RHSA-2021:2230)
<a href="#">239461</a> Red Hat Update for ruby:2.6 (RHSA-2021:2588)
<a href="#">239462</a> Red Hat Update for ruby:2.5 (RHSA-2021:2587)
<a href="#">240156</a> Red Hat Update for ruby:2.6 (RHSA-2022:0582)
<a href="#">296076</a> Oracle Solaris 11.4 Support Repository Update (SRU) 19.3.0 Missing (CPUJAN2020)
<a href="#">356305</a> Amazon Linux Security Advisory for ruby : ALASRUBY2.6-2023-007
<a href="#">357267</a> Amazon Linux Security Advisory for ruby : ALAS2-2024-2486
<a href="#">500612</a> Alpine Linux Security Update for ruby
<a href="#">504372</a> Alpine Linux Security Update for ruby
<a href="#">900069</a> CBL-Mariner Linux Security Update for ruby 2.6.3
<a href="#">902981</a> Common Base Linux Mariner (CBL-Mariner) Security Update for ruby (2675)
<a href="#">940189</a> AlmaLinux Security Update for ruby:2.6 (ALSA-2021:2588)

940401	AlmaLinux Security Update for ruby:2.5 (ALSA-2021:2587)
960022	Rocky Linux Security Update for ruby:2.6 (RLSA-2021:2588)
960064	Rocky Linux Security Update for ruby:2.5 (RLSA-2021:2587)

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