



CVE-2019-15845

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Summary

CVE	CVE-2019-15845
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-11-26 17:15:00 UTC
Updated	2020-08-24 17:37:00 UTC
Description	Ruby through 2.4.7, 2.5.x through 2.5.6, and 2.6.x through 2.6.4 mishandles path checking within File.fnmatch functions.

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	16.04	All	All	All
Operating System	Canonical	Ubuntu Linux	18.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	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	19.04	All	All	All
Operating System	Canonical	Ubuntu Linux	19.10	All	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	Tags
HackerOne	MISC	hackerone.com	Third Party Advisory
Bugtraq: [SECURITY] [DSA 4587-1] ruby2.3 security update	BUGTRAQ	seclists.org	Mailing List, Third Party Advisory
[SECURITY] [DLA 2007-1] ruby2.1 security update	MLIST	lists.debian.org	Mailing List, Third Party Advisory
Debian Security Information: DSA 4587-1 ruby2.3	DEBIAN	www.debian.org	Third Party Advisory

Debian -- Security information -- DSA-4587-1 ruby2.5	DEBIAN	www.debian.org	Third Party Advisory
Bugtraq: [SECURITY] [DSA 4586-1] ruby2.5 security update	BUGTRAQ	seclists.org	Mailing List, Third Party
[security-announce] openSUSE-SU-2020:0395-1: important: Recommended update	SUSE	lists.opensuse.org	
Oracle Critical Patch Update Advisory - January 2020	MISC	www.oracle.com	Third Party Advisory
Ruby: Multiple vulnerabilities (GLSA 202003-06) — Gentoo security	GENTOO	security.gentoo.org	
USN-4201-1: Ruby vulnerabilities Ubuntu security notices Ubuntu	UBUNTU	usn.ubuntu.com	Third Party Advisory
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- [159290](#) Oracle Enterprise Linux Security Update for ruby:2.5 (ELSA-2021-2587)
- [159298](#) Oracle Enterprise Linux Security Update for ruby:2.6 (ELSA-2021-2588)
- [239350](#) Red Hat Update for rh-ruby25-ruby (RHSA-2021:2104)
- [239368](#) Red Hat Update for rh-ruby26-ruby (RHSA-2021:2230)
- [239461](#) Red Hat Update for ruby:2.6 (RHSA-2021:2588)
- [239462](#) Red Hat Update for ruby:2.5 (RHSA-2021:2587)
- [240156](#) Red Hat Update for ruby:2.6 (RHSA-2022:0582)
- [296076](#) Oracle Solaris 11.4 Support Repository Update (SRU) 19.3.0 Missing (CPUJAN2020)
- [356305](#) Amazon Linux Security Advisory for ruby : ALASRUBY2.6-2023-007
- [357267](#) Amazon Linux Security Advisory for ruby : ALAS2-2024-2486
- [500612](#) Alpine Linux Security Update for ruby
- [504372](#) Alpine Linux Security Update for ruby
- [900069](#) CBL-Mariner Linux Security Update for ruby 2.6.3
- [903429](#) Common Base Linux Mariner (CBL-Mariner) Security Update for ruby (2674)
- [940189](#) 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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