



CVE-2022-28738

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

Summary

CVE	CVE-2022-28738
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-05-09 18:15:00 UTC
Updated	2024-01-24 05:15:00 UTC
Description	A double free was found in the Regexp compiler in Ruby 3.x before 3.0.4 and 3.1.x before 3.1.2. If a victim attempts to crea

Risk And Classification

Problem Types: CWE-415

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ruby-lang	Ruby	All	All	All	All

References

Reference	Source	Link	Tags
CVE-2022-28738: Double free in Regexp compilation	CONFIRM	www.ruby-lang.org	
CVE-2022-28738	MISC	security-tracker.debian.org	
Ruby: Multiple vulnerabilities (GLSA 202401-27) — Gentoo security		security.gentoo.org	
May 2022 Ruby Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com	
HackerOne	MISC	hackerone.com	
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

[160095](#) Oracle Enterprise Linux Security Update for ruby:3.0 (ELSA-2022-6450)

[160103](#) Oracle Enterprise Linux Security Update for ruby (ELSA-2022-6585)

198817 Ubuntu Security Notification for Ruby Vulnerabilities (USN-5462-1)
240659 Red Hat Update for ruby:3.0 security (RHSA-2022:6450)
240681 Red Hat Update for ruby security (RHSA-2022:6585)
240723 Red Hat Update for rh-ruby30-ruby security (RHSA-2022:6855)
282660 Fedora Security Update for ruby (FEDORA-2022-82a9edac27)
282661 Fedora Security Update for ruby (FEDORA-2022-8cf0124add)
356174 Amazon Linux Security Advisory for ruby : ALASRUBY3.0-2023-002
356495 Amazon Linux Security Advisory for ruby : ALAS2RUBY3.0-2023-002
502025 Alpine Linux Security Update for ruby
502236 Alpine Linux Security Update for ruby
504378 Alpine Linux Security Update for ruby
690840 Free Berkeley Software Distribution (FreeBSD) Security Update for ruby (f22144d7-bad1-11ec-9cfe-0800270512f4)
710844 Gentoo Linux Ruby Multiple Vulnerabilities (GLSA 202401-27)
940691 AlmaLinux Security Update for ruby (ALSA-2022:6585)
940849 AlmaLinux Security Update for ruby:3.0 (ALSA-2022:6450)
960234 Rocky Linux Security Update for ruby:3.0 (RLSA-2022:6450)
960532 Rocky Linux Security Update for ruby (RLSA-2022:6585)

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