



CVE-2023-28755

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Summary

CVE	CVE-2023-28755
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-03-31 04:15:00 UTC
Updated	2024-01-24 05:15:00 UTC
Description	A ReDoS issue was discovered in the URI component through 0.12.0 in Ruby through 3.2.1. The URI parser mishandles in

Risk And Classification

Problem Types: CWE-1333

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	10.0	All	All	All
Operating System	Fedoraproject	Fedora	36	All	All	All
Operating System	Fedoraproject	Fedora	37	All	All	All
Operating System	Fedoraproject	Fedora	38	All	All	All
Application	Ruby-lang	Uri	0.10.1	All	All	All
Application	Ruby-lang	Uri	0.11.0	All	All	All
Application	Ruby-lang	Uri	0.12.0	All	All	All
Application	Ruby-lang	Uri	All	All	All	All

References

Reference	Source	Link	Tags
[SECURITY] Fedora 37 Update: ruby-3.1.4-175.fc37 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
CVE-2023-28755 Ruby Vulnerability in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com	
Ruby Releases	MISC	www.ruby-lang.org	
Ruby 3.2.0 Released	MISC	www.ruby-lang.org	
[SECURITY] Fedora 36 Update: ruby-3.1.4-175.fc36 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
[SECURITY] Fedora 37 Update: ruby-3.1.4-175.fc37 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	

Ruby: Multiple vulnerabilities (GLSA 202401-27) — Gentoo security		security.gentoo.org	
[SECURITY] [DLA 3408-1] jruby security update	MLIST	lists.debian.org	
[SECURITY] Fedora 36 Update: ruby-3.1.4-175.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
Releases · ruby/uri · GitHub	MISC	github.com	
CVE-2023-28755: ReDoS vulnerability in URI	CONFIRM	www.ruby-lang.org	
[SECURITY] Fedora 38 Update: ruby-3.2.2-180.fc38 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
[SECURITY] Fedora 38 Update: ruby-3.2.2-180.fc38 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
CVE Program record	CVE.ORG	www.cve.org	canon
NVD vulnerability detail	NVD	nvd.nist.gov	canon

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

160771 Oracle Enterprise Linux Security Update for ruby:2.7 (ELSA-2023-3821)
161185 Oracle Enterprise Linux Security Update for ruby:2.5 (ELSA-2023-7025)
161427 Oracle Enterprise Linux Security Update for ruby:3.1 (ELSA-2024-1431)
161454 Oracle Enterprise Linux Security Update for ruby:3.1 (ELSA-2024-1576)
181757 Debian Security Update for jruby (DLA 3408-1)
181830 Debian Security Update for ruby2.5 (DLA 3447-1)
199319 Ubuntu Security Notification for Ruby Vulnerabilities (USN-6055-1)
199350 Ubuntu Security Notification for Ruby Vulnerabilities (USN-6087-1)
199434 Ubuntu Security Notification for Ruby Vulnerabilities (USN-6181-1)
199461 Ubuntu Security Notification for Ruby Vulnerabilities (USN-6219-1)
241557 Red Hat Update for rh-ruby27-ruby security (RHSA-2023:3291)
241760 Red Hat Update for ruby:2.7 security (RHSA-2023:3821)
242449 Red Hat Update for ruby:2.5 (RHSA-2023:7025)
243097 Red Hat Update for ruby:3.1 security (RHSA-2024:1431)
243151 Red Hat Update for ruby:3.1 security (RHSA-2024:1576)
283908 Fedora Security Update for ruby (FEDORA-2023-a7be7ea1aa)
283913 Fedora Security Update for ruby (FEDORA-2023-f58d72c700)
284200 Fedora Security Update for ruby (FEDORA-2023-6b924d3b75)

296100 Oracle Solaris 11.4 Support Repository Update (SRU) 58.144.3 Missing (CPUAPR2023)
355241 Amazon Linux Security Advisory for ruby3.2 : ALAS2023-2023-158
356299 Amazon Linux Security Advisory for ruby : ALASRUBY3.0-2023-001
378703 Alibaba Cloud Linux Security Update for ruby:2.7 (ALINUX3-SA-2023:0080)
502701 Alpine Linux Security Update for ruby
502702 Alpine Linux Security Update for ruby
502703 Alpine Linux Security Update for ruby
504380 Alpine Linux Security Update for ruby
673240 EulerOS Security Update for ruby (EulerOS-SA-2023-2366)
673247 EulerOS Security Update for ruby (EulerOS-SA-2023-2392)
673497 EulerOS Security Update for ruby (EulerOS-SA-2023-2708)
673836 EulerOS Security Update for ruby (EulerOS-SA-2023-2666)
691106 Free Berkeley Software Distribution (FreeBSD) Security Update for rubygem (9b60bba1-cf18-11ed-bd44-080027f5fec9)
710844 Gentoo Linux Ruby Multiple Vulnerabilities (GLSA 202401-27)
755145 SUSE Enterprise Linux Security Update for ruby2.5 (SUSE-SU-2023:4176-1)
941165 AlmaLinux Security Update for ruby:2.7 (ALSA-2023:3821)
941437 AlmaLinux Security Update for ruby:2.5 (ALSA-2023:7025)
941625 AlmaLinux Security Update for ruby:3.1 (ALSA-2024:1431)
941633 AlmaLinux Security Update for ruby:3.1 (ALSA-2024:1576)
961138 Rocky Linux Security Update for ruby:3.1 (RLSA-2024:1431)
961149 Rocky Linux Security Update for ruby:3.1 (RLSA-2024:1576)

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