



CVE-2021-41819

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

Summary

CVE	CVE-2021-41819
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-01-01 06:15:00 UTC
Updated	2024-01-24 05:15:00 UTC
Description	CGI::Cookie.parse in Ruby through 2.6.8 mishandles security prefixes in cookie names. This also affects the CGI gem thro

Risk And Classification

Problem Types: CWE-565

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	Debian	Debian Linux	11.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Operating System	Fedoraproject	Fedora	35	All	All	All
Application	Opensuse	Factory	-	All	All	All
Operating System	Opensuse	Leap	15.2	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Application	Redhat	Software Collections	-	All	All	All
Application	Ruby-lang	Cgi	0.1.0	All	All	All
Application	Ruby-lang	Cgi	0.2.0	All	All	All
Application	Ruby-lang	Cgi	0.3.0	All	All	All
Application	Ruby-lang	Ruby	All	All	All	All
Application	Ruby-lang	Ruby	All	All	All	All
Operating System	Suse	Linux Enterprise	11.0	sp1	All	All
Operating System	Suse	Linux Enterprise	12.0	All	All	All
Operating System	Suse	Linux Enterprise	15.0	All	All	All

References

Reference	Source	Link	Tags
[SECURITY] Fedora 35 Update: ruby-3.0.4-153.fc35 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
HackerOne	MISC	hackerone.com	
[SECURITY] Fedora 35 Update: ruby-3.0.4-153.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
[SECURITY] Fedora 34 Update: ruby-3.0.4-153.fc34 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
CVE-2021-41819 Ruby Vulnerability in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com	
Ruby: Multiple vulnerabilities (GLSA 202401-27) — Gentoo security		security.gentoo.org	
[SECURITY] Fedora 34 Update: ruby-3.0.4-153.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
CVE-2021-41819: Cookie Prefix Spoofing in CGI::Cookie.parse	CONFIRM	www.ruby-lang.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

[159635](#) Oracle Enterprise Linux Security Update for ruby:2.6 (ELSA-2022-0543)

[160020](#) Oracle Enterprise Linux Security Update for ruby:2.5 (ELSA-2022-5779)

[160091](#) Oracle Enterprise Linux Security Update for ruby:2.7 (ELSA-2022-6447)

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

[178965](#) Debian Security Update for ruby2.3 (DLA 2853-1)

[179050](#) Debian Security Update for ruby2.7 (DSA 5067-1)

[179051](#) Debian Security Update for ruby2.5 (DSA 5066-1)

[198635](#) Ubuntu Security Notification for Ruby Vulnerabilities (USN-5235-1)

[240090](#) Red Hat Update for ruby:2.6 (RHSA-2022:0544)

[240092](#) Red Hat Update for ruby:2.6 (RHSA-2022:0543)

[240116](#) Red Hat Update for rh-ruby26-ruby security (RHSA-2022:0708)

[240156](#) Red Hat Update for ruby:2.6 (RHSA-2022:0582)

[240571](#) Red Hat Update for ruby:2.5 (RHSA-2022:5779)

[240659](#) Red Hat Update for ruby:3.0 security (RHSA-2022:6450)

[240661](#) Red Hat Update for ruby:2.7 security (RHSA-2022:6447)

240720 Red Hat Update for rh-ruby27-ruby security (RHSA-2022:6856)
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)
296062 Oracle Solaris 11.4 Support Repository Update (SRU) 43.113.3 Missing (CPUJAN2022)
356181 Amazon Linux Security Advisory for ruby : ALASRUBY3.0-2023-003
356252 Amazon Linux Security Advisory for ruby : ALASRUBY2.6-2023-002
356463 Amazon Linux Security Advisory for ruby : ALAS2RUBY3.0-2023-003
357267 Amazon Linux Security Advisory for ruby : ALAS2-2024-2486
500617 Alpine Linux Security Update for ruby
502024 Alpine Linux Security Update for ruby
504377 Alpine Linux Security Update for ruby
671404 EulerOS Security Update for ruby (EulerOS-SA-2022-1337)
671438 EulerOS Security Update for ruby (EulerOS-SA-2022-1361)
671462 EulerOS Security Update for ruby (EulerOS-SA-2022-1437)
671479 EulerOS Security Update for ruby (EulerOS-SA-2022-1458)
671488 EulerOS Security Update for ruby (EulerOS-SA-2022-1515)
671516 EulerOS Security Update for ruby (EulerOS-SA-2022-1496)
671694 EulerOS Security Update for ruby (EulerOS-SA-2022-1761)
690668 Free Berkeley Software Distribution (FreeBSD) Security Update for rubygem-cgi (4548ec97-4d38-11ec-a539-0800270512f4)
710844 Gentoo Linux Ruby Multiple Vulnerabilities (GLSA 202401-27)
752595 SUSE Enterprise Linux Security Update for ruby2.5 (SUSE-SU-2022:3292-1)
900509 Common Base Linux Mariner (CBL-Mariner) Security Update for ruby (7116)
901393 Common Base Linux Mariner (CBL-Mariner) Security Update for ruby (7126-1)
940455 AlmaLinux Security Update for ruby:2.6 (ALSA-2022:0543)
940614 AlmaLinux Security Update for ruby:2.5 (ALSA-2022:5779)
940657 AlmaLinux Security Update for ruby:2.7 (ALSA-2022:6447)
940849 AlmaLinux Security Update for ruby:3.0 (ALSA-2022:6450)

960464 Rocky Linux Security Update for ruby:2.5 (RLSA-2022:5779)

960588 Rocky Linux Security Update for ruby:2.7 (RLSA-2022:6447)

960814 Rocky Linux Security Update for ruby:2.6 (RLSA-2022:0543)

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