



# CVE-2020-10663

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

## Summary

<b>CVE</b>	CVE-2020-10663
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-04-28 21:15:00 UTC
<b>Updated</b>	2023-11-07 03:14:00 UTC
<b>Description</b>	The JSON gem through 2.2.0 for Ruby, as used in Ruby 2.4 through 2.4.9, 2.5 through 2.5.7, and 2.6 through 2.6.5, has an

## Risk And Classification

### Problem Types: CWE-20

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Apache</a>	<a href="#">Zookeeper</a>	All	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Macos</a>	11.0.1	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os</a>	11.0.1	All	All	All
Operating System	<a href="#">Apple</a>	<a href="#">Mac Os</a>	11.0.1	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
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>	10.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	30	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	31	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	30	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	31	All	All	All
Application	<a href="#">Json Project</a>	<a href="#">Json</a>	All	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="#">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
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
[SECURITY] Fedora 31 Update: rubygem-json-2.2.0-202.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fe</a>
[security-announce] openSUSE-SU-2020:0586-1: moderate: Security update f	SUSE	<a href="#">lists.or</a>
[SECURITY] Fedora 30 Update: rubygem-json-2.2.0-202.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fe</a>
Pony Mail!		<a href="#">lists.aq</a>
Pony Mail!		<a href="#">lists.aq</a>
Pony Mail!	MLIST	<a href="#">lists.aq</a>
CVE-2020-10663 Ruby JSON gem Unsafe Object Creation Vulnerability in NetApp Products   NetApp Product Security	CONFIRM	<a href="#">securit</a>
Full Disclosure: APPLE-SA-2020-12-14-4 Additional information for APPLE-SA-2020-11-13-1 macOS Big Sur 11.0.1	FULLDISC	<a href="#">seclist</a>
Pony Mail!	MLIST	<a href="#">lists.aq</a>
About the security content of macOS Big Sur 11.0.1 - Apple Support	CONFIRM	<a href="#">suppo</a>
Pony Mail!	MLIST	<a href="#">lists.aq</a>
Pony Mail!	MLIST	<a href="#">lists.aq</a>
[SECURITY] Fedora 31 Update: rubygem-json-2.2.0-202.fc31 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fe</a>
Pony Mail!		<a href="#">lists.aq</a>
Pony Mail!	MLIST	<a href="#">lists.aq</a>
CVE-2020-10663: Unsafe Object Creation Vulnerability in JSON (Additional fix)	CONFIRM	<a href="#">www.r</a>
Pony Mail!		<a href="#">lists.aq</a>
Pony Mail!	MLIST	<a href="#">lists.aq</a>
Pony Mail!		<a href="#">lists.aq</a>
Pony Mail!	MLIST	<a href="#">lists.aq</a>
[SECURITY] [DLA 2192-1] ruby2.1 security update	MLIST	<a href="#">lists.de</a>
Pony Mail!		<a href="#">lists.aq</a>
Pony Mail!	MLIST	<a href="#">lists.aq</a>
Pony Mail!		<a href="#">lists.aq</a>
Pony Mail!	MLIST	<a href="#">lists.aq</a>
Pony Mail!		<a href="#">lists.aq</a>
Debian -- Security Information -- DSA-4721-1 ruby2.5	DEBIAN	<a href="#">www.c</a>
[SECURITY] Fedora 30 Update: rubygem-json-2.2.0-202.fc30 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fe</a>
[SECURITY] Fedora 31 Update: rubygem-json-2.2.0-202.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fe</a>

[SECURITY] Fedora 31 Update: ruby-2.6.6-125.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="#">lists.fe</a>
Pony Mail!		<a href="#">lists.aq</a>
[SECURITY] Fedora 31 Update: ruby-2.6.6-125.fc31 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fe</a>
CVE Program record	CVE.ORG	<a href="#">www.c</a>
NVD vulnerability detail	NVD	<a href="#">nvd.ni</a>

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)
- [198302](#) Ubuntu Security Notification for Ruby2.3, Ruby2.5, Ruby2.7 Vulnerabilities (USN-4882-1)
- [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)
- [296073](#) Oracle Solaris 11.4 Support Repository Update (SRU) 24.75.2 Missing (CPUJUL2020)
- [352370](#) Amazon Linux Security Advisory for ruby: ALAS2-2021-1641
- [356305](#) Amazon Linux Security Advisory for ruby : ALASRUBY2.6-2023-007
- [500613](#) Alpine Linux Security Update for ruby
- [504373](#) Alpine Linux Security Update for ruby
- [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)
- [960035](#) Rocky Linux Security Update for pcs (RLSA-2020:2462)
- [960064](#) Rocky Linux Security Update for ruby:2.5 (RLSA-2021:2587)

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