



# CVE-2020-5247

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

## Summary

<b>CVE</b>	CVE-2020-5247
<b>State</b>	PUBLIC
<b>Assigner</b>	security-advisories@github.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2020-02-28 17:15:00 UTC
<b>Updated</b>	2023-11-07 03:23:00 UTC
<b>Description</b>	In Puma (RubyGem) before 4.3.2 and before 3.12.3, if an application using Puma allows untrusted input in a response header

## Risk And Classification

**Problem Types:** CWE-113

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	9.0	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>	32	All	All	All
Application	<a href="#">Puma</a>	<a href="#">Puma</a>	All	All	All	All
Application	<a href="#">Puma</a>	<a href="#">Puma</a>	All	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.7.0	preview1	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.7.0	preview1	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-puma-3.12.4-1.fc31 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedoraproject.or</a>
[SECURITY] Fedora 30 Update: rubygem-puma-3.12.4-1.fc30 - package-announce - Fedora Mailing-Lists		<a href="#">lists.fedoraproject.or</a>

[SECURITY] [DLA 3023-1] puma security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>
[SECURITY] Fedora 32 Update: rubygem-puma-4.3.3-1.fc32 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 30 Update: rubygem-puma-3.12.4-1.fc30 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
CVE-2019-16254: HTTP response splitting in WEBrick (Additional fix)	MISC	<a href="http://www.ruby-lang.org">www.ruby-lang.org</a>
HTTP Response Splitting · Advisory · puma/puma · GitHub	CONFIRM	<a href="https://github.com">github.com</a>
HTTP Response Splitting Software Attack   OWASP Foundation	MISC	<a href="https://owasp.org">owasp.org</a>
[SECURITY] Fedora 32 Update: rubygem-puma-4.3.3-1.fc32 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 31 Update: rubygem-puma-3.12.4-1.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

- [179346](#) Debian Security Update for puma (DLA 3023-1)
- [750577](#) OpenSUSE Security Update for rmt-server (openSUSE-SU-2020:2000-1)
- [750580](#) OpenSUSE Security Update for rmt-server (openSUSE-SU-2020:1993-1)
- [900069](#) CBL-Mariner Linux Security Update for ruby 2.6.3
- [902975](#) Common Base Linux Mariner (CBL-Mariner) Security Update for ruby (2672)

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