



# CVE-2017-14033

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

## Summary

<b>CVE</b>	CVE-2017-14033
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2017-09-19 17:29:00 UTC
<b>Updated</b>	2018-10-31 10:29:00 UTC
<b>Description</b>	The decode method in the OpenSSL::ASN1 module in Ruby before 2.2.8, 2.3.x before 2.3.5, and 2.4.x through 2.4.1 allows

## Risk And Classification

**Problem Types:** CWE-119

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ruby-lang	Ruby	2.2.0	All	All	All
Application	Ruby-lang	Ruby	2.2.0	preview1	All	All
Application	Ruby-lang	Ruby	2.2.0	preview2	All	All
Application	Ruby-lang	Ruby	2.2.0	rc1	All	All
Application	Ruby-lang	Ruby	2.2.1	All	All	All
Application	Ruby-lang	Ruby	2.2.2	All	All	All
Application	Ruby-lang	Ruby	2.2.3	All	All	All
Application	Ruby-lang	Ruby	2.2.4	All	All	All
Application	Ruby-lang	Ruby	2.2.5	All	All	All
Application	Ruby-lang	Ruby	2.2.6	All	All	All
Application	Ruby-lang	Ruby	2.2.7	All	All	All
Application	Ruby-lang	Ruby	2.3.0	All	All	All
Application	Ruby-lang	Ruby	2.3.0	preview1	All	All
Application	Ruby-lang	Ruby	2.3.0	preview2	All	All
Application	Ruby-lang	Ruby	2.3.1	All	All	All
Application	Ruby-lang	Ruby	2.3.2	All	All	All
Application	Ruby-lang	Ruby	2.3.3	All	All	All

Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.3.4	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.4.0	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.4.0	preview1	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.4.0	preview2	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.4.0	preview3	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.4.0	rc1	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.4.1	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.2.0	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.2.0	preview1	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.2.0	preview2	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.2.0	rc1	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.2.1	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.2.2	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.2.3	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.2.4	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.2.5	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.2.6	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.2.7	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.3.0	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.3.0	preview1	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.3.0	preview2	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.3.1	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.3.2	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.3.3	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.3.4	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.4.0	All	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.4.0	preview1	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.4.0	preview2	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.4.0	preview3	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.4.0	rc1	All	All
Application	<a href="#">Ruby-lang</a>	<a href="#">Ruby</a>	2.4.1	All	All	All

## References

### Reference

Ruby 2.2.8 Released

CVS 2017-11-09 20:00:00 - Ruby 2.2.8 Released - 2017-11-09 20:00:00

CVE-2017-14033: Buffer underrun vulnerability in OpenSSL ASN1 decode

Red Hat Customer Portal

[SECURITY] [DLA 1421-1] ruby2.1 security update

Ruby CVE-2017-14033 Buffer Underrun Vulnerability

Apple macOS/OS X Multiple Remote Code Execution, Denial of Service, and Information Disclosure Attacks and Local Privilege Escalation At

Debian -- Security Information -- DSA-4031-1 ruby2.3

Ruby: Multiple vulnerabilities (GLSA 201710-18) — Gentoo security

Ruby Multiple Flaws Let Remote Users Inject Log Data, Deny Service, and Obtain Potentially Sensitive Information from the Heap - SecurityTr

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Ruby 2.3.5 Released

CVE Program record

NVD vulnerability detail



No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[500608](#) Alpine Linux Security Update for ruby

[504368](#) Alpine Linux Security Update for ruby

[710368](#) Gentoo Linux Ruby Multiple Vulnerabilities (GLSA 201710-18)

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