



CVE-2009-1904

- MITRE
- NVD
- CVE.ORG
- JSON API
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Summary

CVE	CVE-2009-1904
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2009-06-11 21:30:00 UTC
Updated	2026-04-23 00:35:47 UTC
Description	The BigDecimal library in Ruby 1.8.6 before p369 and 1.8.7 before p173 allows context-dependent attackers to cause a de...

Risk And Classification

Primary CVSS: v2.0 5 from nvd@nist.gov

AV:N/AC:L/Au:N/C:N/I:N/A:P

Problem Types: CWE-189 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

AV:N/AC:L/Au:N/C:N/I:N/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ruby-lang	Ruby	1.8.6	All	All	All

Application	Ruby-lang	Ruby	1.8.7	All	All	All
Vendor Declared Affected Products						
Source	Vendor	Product	Version	Platforms		
CNA	Na	N/a	affected n/a	Not specified		
References						
Reference				Source		
DoS vulnerability in BigDecimal				af854a3a-2127-422b-91ae-3		
Slackware update for ruby - Secunia Advisories - Vulnerability Information - Secunia.com				af854a3a-2127-422b-91ae-3		
Ruby 1.9 - Bug #794: BigDecimal が Segmentation fault で落ちることがある - Ruby Issue Tracking System				af854a3a-2127-422b-91ae-3		
[SECURITY] Fedora 10 Update: ruby-1.8.6.368-2.fc10				af854a3a-2127-422b-91ae-3		
Security Advisory SA35937 - Ubuntu update for Ruby - Secunia				af854a3a-2127-422b-91ae-3		
USN-805-1: Ruby vulnerabilities Ubuntu				af854a3a-2127-422b-91ae-3		
NZKoz's bigdecimal-segfault-fix at master - GitHub				af854a3a-2127-422b-91ae-3		
Support				af854a3a-2127-422b-91ae-3		
Gentoo Bug 273213 - <dev-lang/ruby-{1.8.6_p369, 1.8.7_p173}: DoS in BigDecimal (CVE-2009-1904)				af854a3a-2127-422b-91ae-3		
CVE-2009-1904				af854a3a-2127-422b-91ae-3		
IBM X-Force Exchange				af854a3a-2127-422b-91ae-3		
Ruby BigDecimal Library Denial Of Service Vulnerability				af854a3a-2127-422b-91ae-3		
Red Hat update for ruby - Secunia Advisories - Vulnerability Information - Secunia.com				af854a3a-2127-422b-91ae-3		
Gentoo Linux Documentation -- Ruby: Denial of Service				af854a3a-2127-422b-91ae-3		
Support / Security / Advisories // MDVSA-2009:160 Mandriva				af854a3a-2127-422b-91ae-3		
The Slackware Linux Project: Slackware Security Advisories				af854a3a-2127-422b-91ae-3		
Gentoo update for ruby - Secunia Advisories - Vulnerability Information - Secunia.com				af854a3a-2127-422b-91ae-3		
APPLE-SA-2010-03-29-1 Security Update 2010-002 / Mac OS X v10.6.3				af854a3a-2127-422b-91ae-3		
Ruby 1.8.6-pl369 released - Ruby - Ruby-Forum				af854a3a-2127-422b-91ae-3		
Ruby BigDecimal Denial of Service Vulnerability - Secunia Advisories - Vulnerability Information - Secunia.com				af854a3a-2127-422b-91ae-3		
Ruby BigDecimal Conversion Bug May Let Remote Users Deny Service - SecurityTracker				af854a3a-2127-422b-91ae-3		
Riding Rails: DoS Vulnerability in Ruby				af854a3a-2127-422b-91ae-3		
Bug #385436 “DoS vulnerability in BigDecimal Ruby Library” : Bugs : “ruby1.8” package : Ubuntu				af854a3a-2127-422b-91ae-3		
About the security content of Security Update 2010-002 / Mac OS X v10.6.3				af854a3a-2127-422b-91ae-3		
Fedora update for ruby - Secunia Advisories - Vulnerability Information - Secunia.com				af854a3a-2127-422b-91ae-3		
osvdb.org/55031				af854a3a-2127-422b-91ae-3		
Webmail : Solution de messagerie professionnelle - OVHcloud- OVH				af854a3a-2127-422b-91ae-3		
#532689 - DoS vulnerability in BigDecimal Ruby Library - Debian Bug report logs				af854a3a-2127-422b-91ae-3		
Repository / Quel Repository				af854a3a-2127-422b-91ae-3		

Repository / Oval Repository	af854a3a-2127-422b-91ae-...
CVS commit: pkgsrc/lang/ruby18-base	af854a3a-2127-422b-91ae-...
Google Groups	af854a3a-2127-422b-91ae-...
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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