CVE-2011-4815

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2011-4815
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2011-12-30 01:55:01 UTC
Updated	2026-04-29 01:13:23 UTC
Description	Ruby (aka CRuby) before 1.8.7-p357 computes hash values without restricting the ability to trigger hash collisions predictab

Risk And Classification

Primary CVSS: v2.0 7.8 from nvd@nist.gov

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

Problem Types: CWE-20 | n/a

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

None

Integrity

None

Availability

Complete

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Ruby-lang	Ruby	1.8.7-p299	All	All	All

Application	Ruby-lang	Ruby	1.8.7-p302	All	All	All
Application	Ruby-lang	Ruby	1.8.7-p330	All	All	All
Application	Ruby-lang	Ruby	1.8.7-p334	All	All	All
Application	Ruby-lang	Ruby	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source	Link
Security Advisory SA47822 - Red Hat update for ruby - Secunia	af854a3a-2127-422b-91ae-364da2661108	secunia
404: Not Found	af854a3a-2127-422b-91ae-364da2661108	www.ru
IBM X-Force Exchange	af854a3a-2127-422b-91ae-364da2661108	exchan
Ruby Hash Table Collision Bug Lets Remote Users Deny Service - SecurityTracker	af854a3a-2127-422b-91ae-364da2661108	www.se
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661108	rhn.redl
oCERT.org - oCERT Advisories	af854a3a-2127-422b-91ae-364da2661108	www.oc
VU#903934 - Hash table implementations vulnerable to algorithmic complexity attacks	af854a3a-2127-422b-91ae-364da2661108	www.kb
JVN#90615481: Ruby hash table implementation vulnerable to denial-of-service	af854a3a-2127-422b-91ae-364da2661108	jvn.jp
About the security content of OS X Lion v10.7.4 and Security Update 2012-002	af854a3a-2127-422b-91ae-364da2661108	support
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da2661108	rhn.redl
NEOHAPSIS - Peace of Mind Through Integrity and Insight	af854a3a-2127-422b-91ae-364da2661108	archive
About Secunia Research | Flexera	af854a3a-2127-422b-91ae-364da2661108	secunia
APPLE-SA-2012-05-09-1 OS X Lion v10.7.4 and Security Update 2012-002	af854a3a-2127-422b-91ae-364da2661108	lists.app
Best 7 Best Internet Security Software in 2019	af854a3a-2127-422b-91ae-364da2661108	www.nr
[ANN] ruby 1.8.7 patchlevel 357 released	af854a3a-2127-422b-91ae-364da2661108	blade.n
jvndb.jvn.jp/ja/contents/2012/JVNDB-2012-000066.html	af854a3a-2127-422b-91ae-364da2661108	jvndb.jv
CVE Program record	CVE.ORG	www.cv
NVD vulnerability detail	NVD	nvd.nis

No vendor comments have been submitted for this CVE.

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

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