CVE-2012-2739

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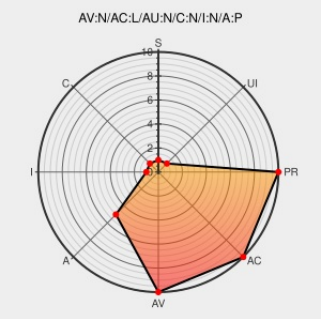
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Jdk from Oracle contain the following vulnerability:

Oracle Java SE before 7 Update 6, and OpenJDK 7 before 7u6 build 12 and 8 before build 39, computes hash values without restricting the ability to trigger hash collisions predictably, which allows context-dependent attackers to cause a denial of service (CPU consumption) via crafted input to an application that maintains a hash table.

CVE-2012-2739 has been assigned by secalert@redhat.com to track the vulnerability

CVSS2 Score: 5 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	LOW	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
oss-security - Re: CVE request: java hashdos vulnerability	www.openwall.com text/html	MLIST [oss-security] 20120616 Re: CVE request: java hashdos vulnerability
Review Request CR#7118743 : Alternative Hashing for String with Hash-based Maps	Vendor Advisory mail.openjdk.java.net text/html	MLIST [core-libs-dev] 20120522 Review Request CR#7118743 : Alternative Hashing for String with Hash-based Maps
Java security and related topics: Investigating the HashDoS issue	Exploit armoredbarista.blogspot.de text/html	MISC armoredbarista.blogspot.de/2012/02/investigating-hashdos-issue.html
Bug 750533 – CVE-2012-2739 java: hash table collisions CPU usage DoS (oCERT-2011-003)	bugzilla.redhat.com text/html	CONFIRM bugzilla.redhat.com/show_bug.cgi?id=750533
oss-security - CVE request: java hashdos vulnerability	www.openwall.com text/html	MLIST [oss-security] 20120615 CVE request: java hashdos vulnerability

Best 7 Best Internet Security Software in 2019	www.nruns.com application/pdf	MISC www.nruns.com/_downloads/advisory28122011.pdf
oCERT.org - oCERT Advisories	www.ocert.org text/xml	MISC www.ocert.org/advisories/ocert-2011-003.html
VU#903934 - Hash table implementations vulnerable to algorithmic complexity attacks	US Government Resource www.kb.cert.org text/html	CERT-VN VU#903934

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Oracle	Jdk	1.7.0	All	All	All
Application	Oracle	Jdk	1.7.0	update1	All	All
Application	Oracle	Jdk	1.7.0	update2	All	All
Application	Oracle	Jdk	1.7.0	update3	All	All
Application	Oracle	Jdk	1.7.0	update4	All	All
Application	Oracle	Jdk	1.7.0	All	All	All
Application	Oracle	Jdk	1.7.0	update1	All	All
Application	Oracle	Jdk	1.7.0	update2	All	All
Application	Oracle	Jdk	1.7.0	update3	All	All
Application	Oracle	Jdk	1.7.0	update4	All	All
Application	Oracle	Jdk	All	update5	All	All
Application	Oracle	Jre	1.7.0	All	All	All
Application	Oracle	Jre	1.7.0	update1	All	All
Application	Oracle	Jre	1.7.0	update2	All	All
Application	Oracle	Jre	1.7.0	update3	All	All
Application	Oracle	Jre	1.7.0	update4	All	All
Application	Oracle	Jre	1.7.0	All	All	All
Application	Oracle	Jre	1.7.0	update1	All	All
Application	Oracle	Jre	1.7.0	update2	All	All
Application	Oracle	Jre	1.7.0	update3	All	All
Application	Oracle	Jre	1.7.0	update4	All	All
Application	Oracle	Jre	All	update5	All	All
Application	Oracle	Openjdk	1.6.0	All	All	All

Application	Oracle	Openjdk	1.8.0	All	All	All
Application	Oracle	Openjdk	1.6.0	All	All	All
Application	Oracle	Openjdk	1.8.0	All	All	All
Application	Oracle	Openjdk	All	All	All	All

cpe:2.3:a:oracle:jdk:1.7.0:*:*:*:*:*:*:*:

cpe:2.3:a:oracle:jdk:1.7.0:update1:*:*:*:*:*:*:

cpe:2.3:a:oracle:jdk:1.7.0:update2:*:*:*:*:*:*:

cpe:2.3:a:oracle:jdk:1.7.0:update3:*:*:*:*:*:*:

cpe:2.3:a:oracle:jdk:1.7.0:update4:*:*:*:*:*:*:

cpe:2.3:a:oracle:jdk:1.7.0:*:*:*:*:*:*:*:

cpe:2.3:a:oracle:jdk:1.7.0:update1:*:*:*:*:*:*:

cpe:2.3:a:oracle:jdk:1.7.0:update2:*:*:*:*:*:*:

cpe:2.3:a:oracle:jdk:1.7.0:update3:*:*:*:*:*:*:

cpe:2.3:a:oracle:jdk:1.7.0:update4:*:*:*:*:*:*:

cpe:2.3:a:oracle:jdk:*:update5:*:*:*:*:*:*:

cpe:2.3:a:oracle:jre:1.7.0:*:*:*:*:*:*:*:

cpe:2.3:a:oracle:jre:1.7.0:update1:*:*:*:*:*:*:

cpe:2.3:a:oracle:jre:1.7.0:update2:*:*:*:*:*:*:

cpe:2.3:a:oracle:jre:1.7.0:update3:*:*:*:*:*:*:

cpe:2.3:a:oracle:jre:1.7.0:update4:*:*:*:*:*:*:

cpe:2.3:a:oracle:jre:1.7.0:*:*:*:*:*:*:*:

cpe:2.3:a:oracle:jre:1.7.0:update1:*:*:*:*:*:*:

cpe:2.3:a:oracle:jre:1.7.0:update2:*:*:*:*:*:*:

cpe:2.3:a:oracle:jre:1.7.0:update3:*:*:*:*:*:*:

cpe:2.3:a:oracle:jre:1.7.0:update4:*:*:*:*:*:*:

cpe:2.3:a:oracle:jre:*:update5:*:*:*:*:*:*:

cpe:2.3:a:oracle:openjdk:1.6.0:*:*:*:*:*:*:*:

cpe:2.3:a:oracle:openjdk:1.8.0:*:*:*:*:*:*:*:

cpe:2.3:a:oracle:openjdk:1.6.0:*:*:*:*:*:*:*:

cpe:2.3:a:oracle:openjdk:1.8.0:*:*:*:*:*:*:*:

cpe:2.3:a:oracle:openjdk:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→

CVE.report and Source URL Uptime Status status.cve.report