CVE-2012-0507

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

Summary

CVE	CVE-2012-0507
State	PUBLISHED
Assigner	oracle
Source Priority	CVE Program / NVD first with legacy fallback
Published	2012-06-07 22:55:17 UTC
Updated	2026-04-22 13:21:21 UTC
Description	Unspecified vulnerability in the Java Runtime Environment (JRE) component in Oracle Java SE 7 Update 2 and earlier, 6 U

Risk And Classification

Primary CVSS: v3.1 9.8 CRITICAL from ADP

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

EPSS: 0.935680000 probability, percentile 0.998340000 (date 2026-04-22)

CISA KEV: Listed on 2022-03-03; due 2022-03-24; ransomware use Known

Problem Types: NVD-CWE-noinfo | CWE-843 | n/a | CWE-843 CWE-843 Access of Resource Using Incompatible Type ('Type Confusion')

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	10		AV:N/AC:L/Au:N/C:C/I:C/A:C

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Low

Authentication

None

Confidentiality

Complete

Integrity

Complete

Availability

Complete

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

CISA Known Exploited Vulnerability

Vendor	Oracle
Product	Java SE
Name	Oracle Java SE Runtime Environment (JRE) Arbitrary Code Execution Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2012-0507

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	6.0	All	All	All
Operating System	Debian	Debian Linux	7.0	All	All	All
Application	Oracle	Jre	1.6.0	update22	All	All
Application	Oracle	Jre	1.6.0	update23	All	All
Application	Oracle	Jre	1.6.0	update24	All	All
Application	Oracle	Jre	1.6.0	update25	All	All

Application	Oracle	Jre	1.6.0	update26	All	All
Application	Oracle	Jre	1.6.0	update27	All	All
Application	Oracle	Jre	1.6.0	update29	All	All
Application	Oracle	Jre	1.6.0	update30	All	All
Application	Oracle	Jre	1.7.0	-	All	All
Application	Oracle	Jre	1.7.0	update1	All	All
Application	Oracle	Jre	1.7.0	update2	All	All
Application	Sun	Jre	1.5.0	-	All	All
Application	Sun	Jre	1.5.0	update1	All	All
Application	Sun	Jre	1.5.0	update10	All	All
Application	Sun	Jre	1.5.0	update11	All	All
Application	Sun	Jre	1.5.0	update12	All	All
Application	Sun	Jre	1.5.0	update13	All	All
Application	Sun	Jre	1.5.0	update14	All	All
Application	Sun	Jre	1.5.0	update15	All	All
Application	Sun	Jre	1.5.0	update16	All	All
Application	Sun	Jre	1.5.0	update17	All	All
Application	Sun	Jre	1.5.0	update18	All	All
Application	Sun	Jre	1.5.0	update19	All	All
Application	Sun	Jre	1.5.0	update2	All	All
Application	Sun	Jre	1.5.0	update20	All	All
Application	Sun	Jre	1.5.0	update21	All	All
Application	Sun	Jre	1.5.0	update22	All	All
Application	Sun	Jre	1.5.0	update23	All	All
Application	Sun	Jre	1.5.0	update24	All	All
Application	Sun	Jre	1.5.0	update25	All	All
Application	Sun	Jre	1.5.0	update26	All	All
Application	Sun	Jre	1.5.0	update27	All	All
Application	Sun	Jre	1.5.0	update28	All	All
Application	Sun	Jre	1.5.0	update29	All	All
Application	Sun	Jre	1.5.0	update3	All	All
Application	Sun	Jre	1.5.0	update31	All	All
Application	Sun	Jre	1.5.0	update33	All	All
Application	Sun	Jre	1.5.0	update4	All	All
Application	Sun	Jre	1.5.0	update5	All	All

Application	Sun	Jre	1.5.0	update6	All	All
Application	Sun	Jre	1.5.0	update7	All	All
Application	Sun	Jre	1.5.0	update8	All	All
Application	Sun	Jre	1.5.0	update9	All	All
Application	Sun	Jre	1.6.0	-	All	All
Application	Sun	Jre	1.6.0	update_1	All	All
Application	Sun	Jre	1.6.0	update_10	All	All
Application	Sun	Jre	1.6.0	update_11	All	All
Application	Sun	Jre	1.6.0	update_12	All	All
Application	Sun	Jre	1.6.0	update_13	All	All
Application	Sun	Jre	1.6.0	update_14	All	All
Application	Sun	Jre	1.6.0	update_15	All	All
Application	Sun	Jre	1.6.0	update_16	All	All
Application	Sun	Jre	1.6.0	update_17	All	All
Application	Sun	Jre	1.6.0	update_18	All	All
Application	Sun	Jre	1.6.0	update_19	All	All
Application	Sun	Jre	1.6.0	update_2	All	All
Application	Sun	Jre	1.6.0	update_20	All	All
Application	Sun	Jre	1.6.0	update_21	All	All
Application	Sun	Jre	1.6.0	update_3	All	All
Application	Sun	Jre	1.6.0	update_4	All	All
Application	Sun	Jre	1.6.0	update_5	All	All
Application	Sun	Jre	1.6.0	update_6	All	All
Application	Sun	Jre	1.6.0	update_7	All	All
Operating System	Suse	Linux Enterprise Desktop	10	sp4	All	All
Operating System	Suse	Linux Enterprise Java	10	sp4	All	All
Operating System	Suse	Linux Enterprise Java	11	sp1	All	All
Operating System	Suse	Linux Enterprise Server	10	sp4	All	All
Operating System	Suse	Linux Enterprise Server	11	sp1	All	All
Operating System	Suse	Linux Enterprise Server	11	sp1	All	All
Operating System	Suse	Linux Enterprise Server	11	sp2	All	All
Operating System	Suse	Linux Enterprise Software Development Kit	11	sp1	All	All
Operating System	Suse	Linux Enterprise Software Development Kit	11	sp2	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms

CNA	Na	N/a	affected n/a	Not specified

References

Reference	Source
'[security bulletin] HPSBUX02760 SSRT100805 rev.1 - HP-UX Running Java, Remote Unauthorized Access, D' - MARC	af854a3a-2127-422
[security-announce] SUSE-SU-2012:0602-1: important: Security update for	af854a3a-2127-422
'[security bulletin] HPSBUX02784 SSRT100871 rev.1 - HP-UX Running Java, Remote Unauthorized Access, D' - MARC	af854a3a-2127-422
Oracle Java Critical Patch Update - February 2012	af854a3a-2127-422
404 - Content Not Found | Microsoft Docs	af854a3a-2127-422
IKVM.NET Weblog - February 2012 Java Critical Patch Update Vulnerability Details	af854a3a-2127-422
New Java Attack Rolled into Exploit Packs — Krebs on Security	af854a3a-2127-422
Red Hat Customer Portal	af854a3a-2127-422
'[security bulletin] HPSBUX02757 SSRT100779 rev.2 - HP-UX Running Java, Remote Unauthorized Access, D' - MARC	af854a3a-2127-422
About Secunia Research | Flexera	af854a3a-2127-422
'[security bulletin] HPSBMU02799 SSRT100867 rev.1 - HP Network Node Manager i (NNMi) v9.0x Running JD' - MARC	af854a3a-2127-422
Security Advisory SA48950 - Red Hat update for java-1.6.0-ibm - Secunia	af854a3a-2127-422
Bug 788994 – CVE-2012-0507 OpenJDK: AtomicReferenceArray insufficient array type check (Concurrency, 7082299)	af854a3a-2127-422
[security-announce] SUSE-SU-2012:0603-1: important: Security update for	af854a3a-2127-422
Red Hat Customer Portal	af854a3a-2127-422
Oracle Java SE Remote Java Runtime Environment Code Execution Vulnerability	af854a3a-2127-422
www.cisa.gov/known-exploited-vulnerabilities-catalog	134c704f-9b21-4f2
About Secunia Research | Flexera	af854a3a-2127-422
About Secunia Research | Flexera	af854a3a-2127-422
'[security bulletin] HPSBMU02797 SSRT100867 rev.1 - HP Network Node Manager i (NNMi) v9.1x Running JD' - MARC	af854a3a-2127-422
Red Hat Customer Portal	af854a3a-2127-422
About Secunia Research | Flexera	af854a3a-2127-422
Debian -- Security Information -- DSA-2420-1 openjdk-6	af854a3a-2127-422
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD
CISA Known Exploited Vulnerabilities catalog	CISA

No vendor comments have been submitted for this CVE.

Additional Advisory Data

Source	Time	Event
ADP	2022-03-03T00:00:00.000Z	CVE-2012-0507 added to CISA KEV

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

Free CVE JSON API cve.report/api

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