CVE-2013-0422

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

Summary

CVE	CVE-2013-0422
State	PUBLISHED
Assigner	oracle
Source Priority	CVE Program / NVD first with legacy fallback
Published	2013-01-10 21:55:00 UTC
Updated	2026-04-21 19:02:35 UTC
Description	Multiple vulnerabilities in Oracle Java 7 before Update 11 allow remote attackers to execute arbitrary code by (1) using the

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: 0.936140000 probability, percentile 0.998390000 (date 2026-04-23)

CISA KEV: Listed on 2022-05-25; due 2022-06-15; ransomware use Unknown

Problem Types: NVD-CWE-Other | CWE-284 | n/a | CWE-284 CWE-284 Improper Access Control

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 Runtime Environment (JRE)
Name	Oracle JRE Remote Code Execution Vulnerability
Required Action	Apply updates per vendor instructions.
Notes	https://nvd.nist.gov/vuln/detail/CVE-2013-0422

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	12.10	All	All	All
Operating System	Opensuse	Opensuse	12.2	All	All	All
Application	Oracle	Jdk	1.7.0	-	All	All
Application	Oracle	Jdk	1.7.0	update1	All	All
Application	Oracle	Jdk	1.7.0	update10	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	update5	All	All
Application	Oracle	Jdk	1.7.0	update6	All	All
Application	Oracle	Jdk	1.7.0	update7	All	All
Application	Oracle	Jdk	1.7.0	update9	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	update10	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	update5	All	All
Application	Oracle	Jre	1.7.0	update6	All	All
Application	Oracle	Jre	1.7.0	update7	All	All
Application	Oracle	Jre	1.7.0	update9	All	All

Vendor Declared Affected Products

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

References

Reference	Source
USN-1693-1: OpenJDK 7 vulnerabilities | Ubuntu	af854a3a-2127-422b-91ae-36
Vulnerability Note VU#625617 - Java 7 fails to restrict access to privileged code	af854a3a-2127-422b-91ae-36
Support/Advisories/MGASA-2013-0018 - Mageia wiki	af854a3a-2127-422b-91ae-36
Support / Security / Advisories / / MDVSA-2013:095 | Mandriva	af854a3a-2127-422b-91ae-36
GNU/Andrew's Blog » [SECURITY] IcedTea 2.1.4, 2.2.4 & 2.3.4 Released!	af854a3a-2127-422b-91ae-36
Threatpost | The first stop for security news	af854a3a-2127-422b-91ae-36
Immunity Products: Confirmed: Java only fixed one of the two bugs.	af854a3a-2127-422b-91ae-36
www.cisa.gov/known-exploited-vulnerabilities-catalog	134c704f-9b21-4f2e-91b3-4a4
Oracle Security Alert CVE-2013-0422	af854a3a-2127-422b-91ae-36
IBM Product Security Incident Response Team	af854a3a-2127-422b-91ae-36
Oracle Java 7 Security Manager Bypass Vulnerability | US-CERT	af854a3a-2127-422b-91ae-36
Red Hat Customer Portal	af854a3a-2127-422b-91ae-36
Zero-Day Java Exploit Debuts in Crimeware — Krebs on Security	af854a3a-2127-422b-91ae-36

[security-announce] openSUSE-SU-2013:0199-1: critical: java-1_7_0-openjd	af854a3a-2127-422b-91ae-36
Bugtraq: [SE-2012-01] 'Fix' for Issue 32 exploited by new Java 0-day code	af854a3a-2127-422b-91ae-36
New year, new Java zeroday! | AlienVault	af854a3a-2127-422b-91ae-36
Red Hat Customer Portal	af854a3a-2127-422b-91ae-36
Malware don't need Coffee: 0 day 1.7u10 (CVE-2013-0422) spotted in the Wild - Disable Java Plugin NOW !	af854a3a-2127-422b-91ae-36
FireEye Blog | Threat Research, Analysis, and Mitigation	af854a3a-2127-422b-91ae-36
partners.immunityinc.com/idocs/Java%20MBeanInstantiator.findClass%200day%20Analysis.pdf	af854a3a-2127-422b-91ae-36
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	2022-05-25T00:00:00.000Z	CVE-2013-0422 added to CISA KEV

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