



CVE-2012-4301

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

Summary

CVE	CVE-2012-4301
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2013-02-02 00:55:01 UTC
Updated	2026-04-29 01:13:23 UTC
Description	Unspecified vulnerability in the JavaFX component in Oracle Java SE JavaFX 2.2.4 and earlier allows remote attackers to execute arbitrary code or cause a denial of service (memory consumption) via crafted XML data. The vulnerability exists in the JavaFX component, which is used to create rich Internet applications (RIAs). The vulnerability is due to an issue in the way the JavaFX component processes XML data. An attacker who can provide input to the JavaFX component can exploit this vulnerability to execute arbitrary code or cause a denial of service (memory consumption) on the affected system. The vulnerability is not present in JavaFX 2.2.5 and later versions.

Risk And Classification

Primary CVSS: v2.0 10 from nvd@nist.gov

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

Problem Types: NVD-CWE-noinfo | n/a

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

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Oracle	Javafx	2.0	All	All	All

Application	Oracle	Javafx	2.0.2	All	All	All
Application	Oracle	Javafx	2.0.3	All	All	All
Application	Oracle	Javafx	2.1	All	All	All
Application	Oracle	Javafx	2.2	All	All	All
Application	Oracle	Javafx	2.2.3	All	All	All
Application	Oracle	Javafx	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
Vulnerability Note VU#858729 - Oracle Java contains multiple vulnerabilities	af854a3a-2127-42d1-9d31-2d312d312d31
Oracle Java Multiple Vulnerabilities US-CERT	af854a3a-2127-42d1-9d31-2d312d312d31
Verisign is a global provider of domain name registry services and internet infrastructure - Verisign	af854a3a-2127-42d1-9d31-2d312d312d31
'[security bulletin] HPSBMU02874 SSRT101184 rev.1 - HP Service Manager, Java Runtime Environment (JRE' - MARC	af854a3a-2127-42d1-9d31-2d312d312d31
Java CPU Feb 2013	af854a3a-2127-42d1-9d31-2d312d312d31
Repository / Oval Repository	af854a3a-2127-42d1-9d31-2d312d312d31
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.