



CVE-2016-8693

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f_img.jpg\)](#)

Summary

CVE	CVE-2016-8693
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2017-02-15 19:59:00 UTC
Updated	2025-04-20 01:37:25 UTC
Description	Double free vulnerability in the mem_close function in jas_stream.c in Jasper before 1.900.10 allows remote attackers to ca

Risk And Classification

Primary CVSS: v3.0 7.8 HIGH from nvd@nist.gov

CVSS: 3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

Problem Types: CWE-415 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	7.8	HIGH	CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H
2.0	nvd@nist.gov	Primary	6.8		AV:N/AC:M/Au:N/C:P/I:P/A:P

CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H

CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

Partial

Integrity

Partial

Availability

Partial

AV:N/AC:M/Au:N/C:P/I:P/A:P

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	23	All	All	All
Application	Jasper Project	Jasper	All	All	All	All
Operating System	Opensuse	Opensuse	13.2	All	All	All

Vendor Declared Affected Products

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

References

Reference	Source
Red Hat Customer Portal	af854a3a-2127-422b-91ae-364da266
[SECURITY] Fedora 23 Update: jasper-1.900.13-1.fc23 - package-announce - Fedora Mailing-Lists	af854a3a-2127-422b-91ae-364da266
The memory stream interface allows for a buffer size of zero. · mdadams/jasper@44a524e · GitHub	af854a3a-2127-422b-91ae-364da266
openSUSE-SU-2016:2722-1: moderate: Security update for jasper	af854a3a-2127-422b-91ae-364da266
oss-security - Fuzzing jasper	af854a3a-2127-422b-91ae-364da266
oss-security - Re: Fuzzing jasper	af854a3a-2127-422b-91ae-364da266
jasper: double-free in mem_close (jas_stream.c) agostino's blog	af854a3a-2127-422b-91ae-364da266
1385507 – (CVE-2016-8693) CVE-2016-8693 jasper: incorrect handling of bufsize 0 in mem_resize()	af854a3a-2127-422b-91ae-364da266

Debian -- Security Information -- DSA-3785-1 jasper	af854a3a-2127-422b-91ae-364da266
JasPer CVE-2016-8693 Double Free Remote Code Execution Vulnerability	af854a3a-2127-422b-91ae-364da266
[SECURITY] Fedora 23 Update: jasper-1.900.13-1.fc23 - package-announce - Fedora Mailing-Lists	MITRE
CVE Program record	CVE.ORG
NVD vulnerability detail	NVD

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[378165](#) Virtuozzo Linux Security Update for jasper-utils (VZLSA-2017:1208)

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