



# CVE-2015-5221

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF !\[\]\(003082e50e3009141f59bd5df831749f\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2015-5221
<b>State</b>	PUBLISHED
<b>Assigner</b>	redhat
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2017-07-25 18:29:00 UTC
<b>Updated</b>	2025-04-20 01:37:25 UTC
<b>Description</b>	Use-after-free vulnerability in the mif_process_cmpt function in libjasper/mif/mif_cod.c in the JasPer JPEG-2000 library before

## Risk And Classification

**Primary CVSS:** v3.0 5.5 MEDIUM from nvd@nist.gov

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

**Problem Types:** CWE-416 | n/a

Version	Source	Type	Score	Severity	Vector
3.0	nvd@nist.gov	Primary	5.5	MEDIUM	<b>CVSS:3.0/AV:L/AC:L/PR:N/UI:R/S:U/C:N/I:N/A:H</b>
2.0	nvd@nist.gov	Primary	4.3		<b>AV:N/AC:M/Au:N/C:N/I:N/A:P</b>

## CVSS v3.0 Breakdown

Attack Vector

Local

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

None

Integrity

None

Availability

High

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

### CVSS v2.0 Breakdown

Access Vector

Network

Access Complexity

Medium

Authentication

None

Confidentiality

None

Integrity

None

Availability

Partial

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

### NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	23	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	24	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	25	All	All	All
Application	<a href="#">Jasper Project</a>	<a href="#">Jasper</a>	All	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	42.2	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Opensuse</a>	13.1	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Opensuse</a>	13.2	All	All	All
Operating System	<a href="#">Opensuse Project</a>	<a href="#">Leap</a>	42.1	All	All	All

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	<a href="#">Na</a>	<a href="#">N/a</a>	affected n/a	Not specified

### References

Reference	Source
[SECURITY] Fedora 23 Update: jasper-1.900.1-34.fc23 - package-announce - Fedora Mailing-Lists	<a href="#">af854a3a-2127-422b-91ae</a>
Red Hat Customer Portal	<a href="#">af854a3a-2127-422b-91ae</a>
openSUSE-SU-2016:2833-1: moderate: Security update for jasper	<a href="#">af854a3a-2127-422b-91ae</a>

USN-3693-1: JasPer vulnerabilities   Ubuntu security notices	af854a3a-2127-422b-91ae
[SECURITY] Fedora 24 Update: jasper-1.900.1-33.fc24 - package-announce - Fedora Mailing-Lists	af854a3a-2127-422b-91ae
oss-security - Use-after-free (and double-free) in Jasper JPEG-200 (CVE-2015-5221)	af854a3a-2127-422b-91ae
[SECURITY] Fedora 25 Update: jasper-1.900.1-33.fc25 - package-announce - Fedora Mailing-Lists	af854a3a-2127-422b-91ae
openSUSE-SU-2016:2722-1: moderate: Security update for jasper	af854a3a-2127-422b-91ae
1255710 – (CVE-2015-5221) CVE-2015-5221 jasper: use-after-free and double-free flaws in mif_process_cmpt()	af854a3a-2127-422b-91ae
CVE-2015-5221 · mdadams/jasper@df5d286 · GitHub	af854a3a-2127-422b-91ae
openSUSE-SU-2016:2737-1: moderate: Security update for jasper	af854a3a-2127-422b-91ae
[SECURITY] [DLA 1583-1] jasper security update	af854a3a-2127-422b-91ae
[SECURITY] Fedora 24 Update: jasper-1.900.1-33.fc24 - package-announce - Fedora Mailing-Lists	MITRE
[SECURITY] Fedora 25 Update: jasper-1.900.1-33.fc25 - package-announce - Fedora Mailing-Lists	MITRE
[SECURITY] Fedora 23 Update: jasper-1.900.1-34.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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