



# CVE-2016-8691

[MITRE](#)[NVD](#)[CVE.ORG](#)[JSON API](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2016-8691
<b>State</b>	PUBLISHED
<b>Assigner</b>	mitre
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2017-02-15 19:59:00 UTC
<b>Updated</b>	2025-04-20 01:37:25 UTC
<b>Description</b>	The jpc_dec_process_siz function in libjasper/jpc/jpc_dec.c in JasPer before 1.900.4 allows remote attackers to cause a de

## 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-369 | 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="#">Debian</a>	<a href="#">Debian Linux</a>	8.0	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

### 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
Red Hat Customer Portal
1385502 – (CVE-2016-8691, CVE-2016-8692) CVE-2016-8691 CVE-2016-8692 jasper: missing SIZ marker segment XRsiz and YRsiz fields r
[SECURITY] Fedora 25 Update: jasper-1.900.13-1.fc25 - package-announce - Fedora Mailing-Lists
jasper: two divide-by-zero in jpc_dec_process_siz (jpc_dec.c)   agostino's blog
JasPer CVE-2016-8691 Divide By Zero Denial of Service Vulnerability
oss-security - Fuzzing jasper
oss-security - Re: Fuzzing jasper
Debian -- Security Information -- DSA-3785-1 jasper

Added range check on XRsize and YRsize fields of SIZ marker segment. · mdadams/jasper@d8c2604 · GitHub

[SECURITY] Fedora 25 Update: jasper-1.900.13-1.fc25 - package-announce - Fedora Mailing-Lists

CVE Program record

NVD vulnerability detail



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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