



# CVE-2019-15939

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2019-15939
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-09-05 16:15:00 UTC
<b>Updated</b>	2021-11-30 19:42:00 UTC
<b>Description</b>	An issue was discovered in OpenCV 4.1.0. There is a divide-by-zero error in cv::HOGDescriptor::getDescriptorSize in modu

## Risk And Classification

**Problem Types:** CWE-369

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	9.0	All	All	All
Application	Opencv	Opencv	All	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All
Operating System	Opensuse	Leap	15.1	All	All	All

## References

Reference	Source	Link
objdetect: add input check in HOG detector by alalek · Pull Request #15382 · opencv/opencv · GitHub	MISC	<a href="#">github.com</a>
[security-announce] openSUSE-SU-2019:2671-1: moderate: Security update f	SUSE	<a href="#">lists.opensuse.org</a>
Floating Point Exception in cv::HOGDescriptor::getDescriptorSize() · Issue #15287 · opencv/opencv · GitHub	MISC	<a href="#">github.com</a>
[SECURITY] [DLA 2799-1] opencv security update	MLIST	<a href="#">lists.debian.org</a>
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[178871](#) Debian Security Update for opencv (DLA 2799-1)

[980085](#) Python (pip) Security Update for opencv-contrib-python-headless (GHSA-hxfw-jm98-v4mq)

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