



# CVE-2018-20847

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## Summary

<b>CVE</b>	CVE-2018-20847
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-06-26 18:15:00 UTC
<b>Updated</b>	2023-02-27 16:47:00 UTC
<b>Description</b>	An improper computation of p_tx0, p_tx1, p_ty0 and p_ty1 in the function opj_get_encoding_parameters in openjpeg/pi.c in C

## Risk And Classification

**Problem Types:** CWE-190

## 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
Application	<a href="#">Uclouvain</a>	<a href="#">Openjpeg</a>	All	All	All	All

## References

Reference	Source	Link
[trunk] fixed a buffer overflow in opj_tcd_init_decode_tile · uclouvain/openjpeg@5d00b71 · GitHub	MISC	<a href="#">github.com</a>
Heap-buffer-overflow in opj_tcd_init_decode_tile · Issue #431 · uclouvain/openjpeg · GitHub	MISC	<a href="#">github.com</a>
Fix multiple potential vulnerabilities and bugs by Young-X · Pull Request #1168 · uclouvain/openjpeg · GitHub	MISC	<a href="#">github.com</a>
OpenJPEG Multiple Security Vulnerabilities	BID	<a href="#">www.securityfoc</a>
[SECURITY] [DLA 1851-1] openjpeg2 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

[159478](#) Oracle Enterprise Linux Security Update for openjpeg2 (ELSA-2021-4251)

[239842](#) Red Hat Update for openjpeg2 (RHSA-2021:4251)

[353122](#) Amazon Linux Security Advisory for openjpeg2 : ALAS2-2022-1741

[940171](#) AlmaLinux Security Update for openjpeg2 (ALSA-2021:4251)

[960346](#) Rocky Linux Security Update for openjpeg2 (RLSA-2021:4251)

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