



CVE-2020-16589

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

Summary

CVE	CVE-2020-16589
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-12-09 21:15:00 UTC
Updated	2023-02-02 18:54:00 UTC
Description	A head-based buffer overflow exists in Academy Software Foundation OpenEXR 2.3.0 in writeTileData in ImfTiledOutputFile

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Aswf	Openexr	2.3.0	All	All	All
Application	Aswf	Openexr	2.3.0	All	All	All
Operating System	Debian	Debian Linux	10.0	All	All	All
Application	Openexr	Openexr	2.3.0	All	All	All

References

Reference	Source	Link
[SECURITY] [DLA 3236-1] openexr security update	MLIST	lists.c
Fix for #494: validate tile coordinates when doing copyPixels · AcademySoftwareFoundation/openexr@6bb3671 · GitHub	MISC	github
SEGV exrmakepreview in ImfTiledOutputFile.cpp:458 · Issue #494 · AcademySoftwareFoundation/openexr · GitHub	MISC	github
CVE Program record	CVE.ORG	www
NVD vulnerability detail	NVD	nvd.r

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[181315](#) Debian Security Update for openexr (DLA 3236-1)

[750455](#) OpenSUSE Security Update for openexr (openSUSE-SU-2020:2351-1)

[750456](#) OpenSUSE Security Update for openexr (openSUSE-SU-2020:2349-1)

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