



CVE-2021-3941

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

Summary

CVE	CVE-2021-3941
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-03-25 19:15:00 UTC
Updated	2023-11-07 03:38:00 UTC
Description	In ImfChromaticities.cpp routine RGBtoXYZ(), there are some division operations such as `float Z = (1 - chroma.white.x - ch

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	10.0	All	All	All
Operating System	Debian	Debian Linux	11.0	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Operating System	Fedoraproject	Fedora	35	All	All	All
Operating System	Fedoraproject	Fedora	36	All	All	All
Application	Openexr	Openexr	3.1.2	All	All	All
Operating System	Redhat	Enterprise Linux	6.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All

References

Reference	Source	Link	Tag:
[SECURITY] Fedora 36 Update: openexr-3.1.4-1.fc36 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org	
[SECURITY] [DLA 3236-1] openexr security update	MLIST	lists.debian.org	
OpenEXR: Multiple Vulnerabilities (GLSA 202210-31) — Gentoo security	GENTOO	security.gentoo.org	
2019789 – (CVE-2021-3941) CVE-2021-3941 openexr: Divide-by-zero in Imf_3_1::RGBtoXYZ	MISC	bugzilla.redhat.com	
Debian -- Security Information -- DSA-5299-1 openexr	DEBIAN	www.debian.org	

[SECURITY] Fedora 36 Update: openexr-3.1.4-1.fc36 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org	
CVE Program record	CVE.ORG	www.cve.org	cancel
NVD vulnerability detail	NVD	nvd.nist.gov	cancel

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

- [181314](#) Debian Security Update for openexr (DSA 5299-1)
- [181315](#) Debian Security Update for openexr (DLA 3236-1)
- [183106](#) Debian Security Update for openexr (CVE-2021-3941)
- [198574](#) Ubuntu Security Notification for OpenEXR Vulnerability (USN-5150-1)
- [282343](#) Fedora Security Update for mingw (FEDORA-2022-eca9d3b7fa)
- [282496](#) Fedora Security Update for openexr (FEDORA-2022-5cdfa7faa5)
- [354403](#) Amazon Linux Security Advisory for openexr : ALAS2022-2022-216
- [354492](#) Amazon Linux Security Advisory for openexr : ALAS2022-2022-061
- [354575](#) Amazon Linux Security Advisory for openexr : ALAS-2022-216
- [355172](#) Amazon Linux Security Advisory for openexr : ALAS2023-2023-022
- [671270](#) EulerOS Security Update for OpenEXR (EulerOS-SA-2022-1179)
- [671337](#) EulerOS Security Update for OpenEXR (EulerOS-SA-2022-1279)
- [710663](#) Gentoo Linux OpenEXR Multiple Vulnerabilities (GLSA 202210-31)
- [751416](#) SUSE Enterprise Linux Security Update for openexr (SUSE-SU-2021:3843-1)
- [751430](#) OpenSUSE Security Update for openexr (openSUSE-SU-2021:3844-1)
- [751470](#) OpenSUSE Security Update for openexr (openSUSE-SU-2021:1537-1)

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