CVE-2021-45942

MITRE | NVD | CVE.ORG | Print: PDF

Summary

CVE	CVE-2021-45942
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-01-01 01:15:00 UTC
Updated	2023-11-07 03:39:00 UTC
Description	OpenEXR 3.1.x before 3.1.4 has a heap-based buffer overflow in Imf_3_1::LineCompositeTask::execute (called from IlmTh

Risk And Classification

Problem Types: CWE-787

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	All	All	All	All
Application	Openexr	Openexr	All	All	All	All

References

Reference
[SECURITY] Fedora 34 Update: mingw-openexr-2.5.5-6.fc34 - package-announce - Fedora Mailing-Lists
enforce xSampling/ySampling==1 in CompositeDeepScanLine (#1209) · AcademySoftwareFoundation/openexr@11cad77 · GitHub
DeepScanlineInputFile now uses chunk size test from DeepTiledInputFil… · AcademySoftwareFoundation/openexr@db217f2 · GitHub
[SECURITY] [DLA 3236-1] openexr security update
Release v3.1.4 · AcademySoftwareFoundation/openexr · GitHub
41416 - oss-fuzz - OSS-Fuzz: Fuzzing the planet - Monorail
[SECURITY] Fedora 36 Update: mingw-openexr-3.1.4-1.fc36 - package-announce - Fedora Mailing-Lists

OpenEXR: Multiple Vulnerabilities (GLSA 202210-31) — Gentoo security

openexr/CHANGES.md at v3.1.4 · AcademySoftwareFoundation/openexr · GitHub

[SECURITY] Fedora 34 Update: mingw-openexr-2.5.5-6.fc34 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 35 Update: mingw-openexr-3.1.4-1.fc35 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 36 Update: mingw-openexr-3.1.4-1.fc36 - package-announce - Fedora Mailing-Lists

enforce xSampling/ySampling==1 in CompositeDeepScanLine by peterhillman · Pull Request #1209 · AcademySoftwareFoundation/openexr ·

oss-fuzz-vulns/OSV-2021-1627.yaml at main · google/oss-fuzz-vulns · GitHub

Debian -- Security Information -- DSA-5299-1 openexr

[SECURITY] Fedora 35 Update: mingw-openexr-3.1.4-1.fc35 - package-announce - Fedora Mailing-Lists

CVE Program record

NVD vulnerability detail

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)

183313 Debian Security Update for openexr (CVE-2021-45942)

282556 Fedora Security Update for mingw (FEDORA-2022-f2e0d16c90)

282557 Fedora Security Update for mingw (FEDORA-2022-b0a85ed1b3)

502135 Alpine Linux Security Update for openexr

672607 EulerOS Security Update for openexr (EulerOS-SA-2023-1331)

690779 Free Berkeley Software Distribution (FreeBSD) Security Update for openexr (b6ef8a53-8062-11ec-9af3-fb232efe4d2e)

710663 Gentoo Linux OpenEXR Multiple Vulnerabilities (GLSA 202210-31)

751595 SUSE Enterprise Linux Security Update for openexr (SUSE-SU-2022:0061-1)

751598 OpenSUSE Security Update for openexr (openSUSE-SU-2022:0062-1)

751710 OpenSUSE Security Update for openexr (openSUSE-SU-2022:0062-2)

753090 SUSE Enterprise Linux Security Update for openexr (SUSE-SU-2022:0062-1)

site will NOT BE LIABLE FOR ANY DIRECT, INDIRECT or any other kind of loss.

CVE, CWE, and OVAL are registred trademarks of The MITRE Corporation and the authoritative source of CVE content is MITRE's CVE web site. This site includes MITRE data granted under the following license.

CVE.report and Source URL Uptime Status status.cve.report