CVE-2020-19490

Published on: 07/21/2021 12:00:00 AM UTC

Last Modified on: 07/31/2021 12:27:00 AM UTC

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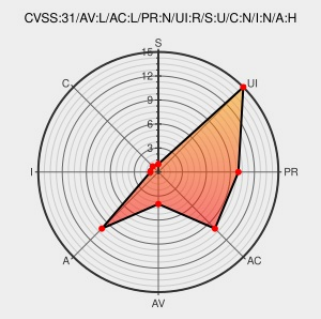
Source: Mitre | Source: Nist | Print: PDF



Certain versions of Tinyexr from Tinyexr Project contain the following vulnerability:

tinyexr 0.9.5 has a integer overflow over-write in tinyexr::DecodePixelData in tinyexr.h, related to OpenEXR code.

CVE-2020-19490 has been assigned by cve@mitre.org to track the vulnerability - currently rated as MEDIUM severity.

CVSS3 Score: 5.5 - MEDIUM

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	NONE	REQUIRED
Scope	**Confidentiality Impact**	**Integrity Impact**	**Availability Impact**
UNCHANGED	NONE	NONE	HIGH

CVSS2 Score: 4.3 - MEDIUM

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
Make line_no with too large value(2**20) invalid. Fixes #124 · syoyo/tinyexr@a685e33 · GitHub	github.com text/html	MISC github.com/syoyo/tinyexr/commit/a685e3332f61cd4e59324bf3f669d36973d64270
Crash on DecodePixelData · Issue #124 ·	github.com	MISC github.com/syoyo/tinyexr/issues/124

syoyo/tinyexr · GitHub text/html

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Tinyexr Project	Tinyexr	0.9.5	All	All	All

cpe:2.3:a:tinyexr_project:tinyexr:0.9.5:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2020-19490 : tinyexr 0.9.5 has a integer overflow over-write in tinyexr::DecodePixelData in tinyexr.h, related… twitter.com/i/web/status/1…	2021-07-21 18:10:05
@xanadulinux	CVE-2020-19490 ift.tt/3zjB6jW	2021-07-21 20:52:23
@Velletron	CVE-2020-19490 ift.tt/3zjB6jW #CVE #Vulnerability	2021-07-21 20:54:15
@workentin	New vulnerability on the NVD: CVE-2020-19490 ift.tt/3zjB6jW	2021-07-21 21:05:08
@WesUncensored	New vulnerability on the NVD: CVE-2020-19490 ift.tt/3zjB6jW	2021-07-22 07:33:36
/r/netcve	CVE-2020-19490	2021-07-21 18:38:27

← Previous ID Next ID→