



CVE-2021-42715

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2021-42715
State	PUBLIC
Assigner	cve@mitre.org
Source Priority	CVE Program / NVD first with legacy fallback
Published	2021-10-21 19:15:00 UTC
Updated	2023-11-07 03:39:00 UTC
Description	An issue was discovered in stb stb_image.h 1.33 through 2.27. The HDR loader parsed truncated end-of-file RLE scanlines

Risk And Classification

Problem Types: CWE-835

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	Fedoraproject	Fedora	33	All	All	All
Operating System	Fedoraproject	Fedora	34	All	All	All
Operating System	Fedoraproject	Fedora	35	All	All	All
Application	Nothings	Stb Image.h	All	All	All	All

References

Reference
[SECURITY] Fedora 34 Update: stb-0-0.7.20211022gitaf1a5bc.fc34 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 34 Update: sdrpp-1.0.4-3.fc34 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 35 Update: sdrpp-1.0.4-3.fc35 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 33 Update: stb-0-0.7.20211022gitaf1a5bc.fc33 - package-announce - Fedora Mailing-Lists
Fixes a crash and an infinite loop in stb_image that could occur with specially constructed PGM and HDR files by NeilBickford-NV · Pull Request
[SECURITY] Fedora 35 Update: stb-0-0.7.20211022gitaf1a5bc.fc35 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 34 Update: usd-21.08-19.fc34 - package-announce - Fedora Mailing-Lists
[SECURITY] [DLA 3305-1] libstb security update
[SECURITY] Fedora 35 Update: stb-0-0.7.20211022gitaf1a5bc.fc35 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 34 Update: stb-0-0.7.20211022gitaf1a5bc.fc34 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 34 Update: sdrpp-1.0.4-3.fc34 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 34 Update: CuraEngine-4.11.0-2.fc34 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 33 Update: stb-0-0.7.20211022gitaf1a5bc.fc33 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 35 Update: CuraEngine-4.11.0-2.fc35 - package-announce - Fedora Mailing-Lists

In stb_image's HDR reader, loading a specially constructed invalid HDR file can result in an infinite loop within the RLE decoder · Issue #1224

[SECURITY] Fedora 34 Update: usd-21.08-19.fc34 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 35 Update: usd-21.08-17.fc35 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 34 Update: CuraEngine-4.11.0-2.fc34 - package-announce - Fedora Mailing-Lists

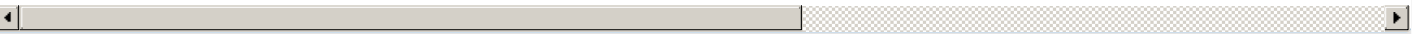
[SECURITY] Fedora 35 Update: sdrpp-1.0.4-3.fc35 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 35 Update: CuraEngine-4.11.0-2.fc35 - package-announce - Fedora Mailing-Lists

[SECURITY] Fedora 35 Update: usd-21.08-17.fc35 - package-announce - Fedora Mailing-Lists

CVE Program record

NVD vulnerability detail



No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[181532](#) Debian Security Update for libstb (DLA 3305-1)

[282023](#) Fedora Security Update for stb (FEDORA-2021-0511a38484)

[282024](#) Fedora Security Update for stb (FEDORA-2021-082bea5b34)

[282025](#) Fedora Security Update for sdrpp (FEDORA-2021-3fc69d203c)

[282029](#) Fedora Security Update for CuraEngine (FEDORA-2021-8ea648186c)

[282639](#) Fedora Security Update for usd (FEDORA-2022-832689aa6b)

[751640](#) SUSE Enterprise Linux Security Update for zxing-cpp (SUSE-SU-2022:0163-1)

[751643](#) OpenSUSE Security Update for zxing-cpp (openSUSE-SU-2022:0157-1)

[753345](#) SUSE Enterprise Linux Security Update for zxing-cpp (SUSE-SU-2022:0157-1)

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