



# CVE-2021-28021

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

## Summary

<b>CVE</b>	CVE-2021-28021
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-10-15 16:15:00 UTC
<b>Updated</b>	2023-11-07 03:32:00 UTC
<b>Description</b>	Buffer overflow vulnerability in function stbi__extend_receive in stb_image.h in stb 2.26 via a crafted JPEG file.

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	34	All	All	All
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	35	All	All	All
Application	<a href="#">Stb Project</a>	<a href="#">Stb</a>	2.26	All	All	All

## References

Reference	Source	Link
[SECURITY] Fedora 34 Update: sdrpp-1.0.4-3.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 35 Update: sdrpp-1.0.4-3.fc35 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 34 Update: usd-21.08-19.fc34 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
heap overflow in stb_image.h:2099 · Issue #1108 · nothings/stb · GitHub	MISC	<a href="https://github.com">github.com</a>
[SECURITY] [DLA 3305-1] libstb security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>
[SECURITY] Fedora 34 Update: sdrpp-1.0.4-3.fc34 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 34 Update: CuraEngine-4.11.0-2.fc34 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 35 Update: CuraEngine-4.11.0-2.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 34 Update: usd-21.08-19.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 35 Update: usd-21.08-17.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 34 Update: CuraEngine-4.11.0-2.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>

[SECURITY] Fedora 34 Update: CuraEngine-4.11.0-2.fc34 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 35 Update: sdrpp-1.0.4-3.fc35 - package-announce - Fedora Mailing-Lists	FEDORA	<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 35 Update: CuraEngine-4.11.0-2.fc35 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
[SECURITY] Fedora 35 Update: usd-21.08-17.fc35 - package-announce - Fedora Mailing-Lists		<a href="https://lists.fedoraproject.org">lists.fedoraproject.org</a>
CVE Program record	CVE.ORG	<a href="http://www.cve.org">www.cve.org</a>
NVD vulnerability detail	NVD	<a href="http://nvd.nist.gov">nvd.nist.gov</a>

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

- [181532](#) Debian Security Update for libstb (DLA 3305-1)
- [182245](#) Debian Security Update for libstb (CVE-2021-28021)
- [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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