



# CVE-2022-28048

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

## Summary

<b>CVE</b>	CVE-2022-28048
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-04-15 14:15:00 UTC
<b>Updated</b>	2023-11-07 03:45:00 UTC
<b>Description</b>	STB v2.27 was discovered to contain an integer shift of invalid size in the component stbi__jpeg_decode_block_prog_ac.

## Risk And Classification

**Problem Types:** CWE-682

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
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
Operating System	<a href="#">Fedoraproject</a>	<a href="#">Fedora</a>	36	All	All	All
Application	<a href="#">Stb Project</a>	<a href="#">Stb</a>	2.27	All	All	All

## References

Reference
[SECURITY] Fedora 36 Update: stb-0^20210910gitaf1a5bc-0.2.fc36 - package-announce - Fedora Mailing-Lists
Additional stb_image fixes for bugs from ossfuzz and issues 1289, 1291, 1292, and 1293 by NeilBickford-NV · Pull Request #1297 · nothings/s
[SECURITY] Fedora 35 Update: stb-0^20210910gitaf1a5bc-0.2.fc35 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 34 Update: stb-0^20210910gitaf1a5bc-0.2.fc34 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 36 Update: stb-0^20210910gitaf1a5bc-0.2.fc36 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 34 Update: stb-0^20210910gitaf1a5bc-0.2.fc34 - package-announce - Fedora Mailing-Lists
[SECURITY] Fedora 35 Update: stb-0^20210910gitaf1a5bc-0.2.fc35 - package-announce - Fedora Mailing-Lists
UBSAN: shift exponent is too large · Issue #1293 · nothings/stb · GitHub
CVE Program record
NVD vulnerability detail

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[282623](#) Fedora Security Update for stb (FEDORA-2022-29327a4b98)

[282624](#) Fedora Security Update for stb (FEDORA-2022-fe84314a8e)

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