



# CVE-2020-26682

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## Summary

|                        |                                                                                                            |
|------------------------|------------------------------------------------------------------------------------------------------------|
| <b>CVE</b>             | CVE-2020-26682                                                                                             |
| <b>State</b>           | PUBLIC                                                                                                     |
| <b>Assigner</b>        | cve@mitre.org                                                                                              |
| <b>Source Priority</b> | CVE Program / NVD first with legacy fallback                                                               |
| <b>Published</b>       | 2020-10-16 14:15:00 UTC                                                                                    |
| <b>Updated</b>         | 2022-06-15 03:12:00 UTC                                                                                    |
| <b>Description</b>     | In libass 0.14.0, the `ass_outline_construct`'s call to `outline_stroke` causes a signed integer overflow. |

## Risk And Classification

**Problem Types:** CWE-190

## NVD Known Affected Configurations (CPE 2.3)

| Type        | Vendor                         | Product                | Version | Update | Edition | Language |
|-------------|--------------------------------|------------------------|---------|--------|---------|----------|
| Application | <a href="#">Libass Project</a> | <a href="#">Libass</a> | 0.14.0  | All    | All     | All      |
| Application | <a href="#">Libass Project</a> | <a href="#">Libass</a> | 0.14.0  | All    | All     | All      |

## References

### Reference

- oss-security - Re: libass ass\_outline.c signed integer overflow
- Bug in ass\_outline.c:1354: \_Bool outline\_stroke(ASS\_Outline \*, ASS\_Outline \*, const ASS\_Outline \*, int, int, int): Assertion `rad >= eps' failed.
- Fix overflows in outline processing by MrSmile · Pull Request #432 · libass/libass · GitHub
- libass: User-assisted execution of arbitrary code (GLSA 202012-12) — Gentoo security
- CVE Program record
- NVD vulnerability detail

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[174834](#) SUSE Enterprise Linux Security update for libass (SUSE-SU-2021:0936-1)

[174853](#) SUSE Enterprise Linux Security update for libass (SUSE-SU-2021:0936-1)

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