



# CVE-2019-18391

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

## Summary

<b>CVE</b>	CVE-2019-18391
<b>State</b>	PUBLIC
<b>Assigner</b>	cve@mitre.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2019-12-23 16:15:00 UTC
<b>Updated</b>	2023-02-02 18:50:00 UTC
<b>Description</b>	A heap-based buffer overflow in the vrend_renderer_transfer_write_iov function in vrend_renderer.c in virglrenderer through

## 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="#">Opensuse</a>	<a href="#">Leap</a>	15.1	All	All	All
Operating System	<a href="#">Opensuse</a>	<a href="#">Leap</a>	15.1	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	8.0	All	All	All
Operating System	<a href="#">Redhat</a>	<a href="#">Enterprise Linux</a>	8.0	All	All	All
Application	<a href="#">Virglrenderer Project</a>	<a href="#">Virglrenderer</a>	All	All	All	All

## References

Reference
<a href="#">vrend: check that the transfer iov holds enough data for the data upload (2abeb180) · Commits · virgl / virglrenderer · GitLab</a>
<a href="#">Red Hat Customer Portal</a>
<a href="#">[security-announce] openSUSE-SU-2020:0058-1: important: Security update</a>
<a href="#">Fix fuzzer failures (I314) · Merge Requests · virgl / virglrenderer · GitLab</a>
<a href="#">[SECURITY] [DLA 3232-1] virglrenderer security update</a>
<a href="#">1765589 – (CVE-2019-18391) CVE-2019-18391 virglrenderer: heap based buffer overflow in the vrend_renderer_transfer_write_iov function</a>
<a href="#">CVE Program record</a>
<a href="#">NVD vulnerability detail</a>

No vendor comments have been submitted for this CVE.

### Legacy QID Mappings

[181309](#) Debian Security Update for virglrenderer (DLA 3232-1)

[501265](#) Alpine Linux Security Update for virglrenderer

[671238](#) EulerOS Security Update for virglrenderer (EulerOS-SA-2022-1198)

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