



CVE-2023-0183

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

Summary

CVE	CVE-2023-0183
State	PUBLIC
Assigner	psirt@nvidia.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-04-01 05:15:00 UTC
Updated	2023-10-19 01:27:00 UTC
Description	NVIDIA GPU Display Driver for Linux contains a vulnerability in the kernel mode layer where an out-of-bounds write can lead to a denial of service.

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Citrix	Hypervisor	-	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Application	Nvidia	Virtual Gpu	All	All	All	All
Operating System	Redhat	Enterprise Linux Kernel-based Virtual Machine	-	All	All	All
Operating System	Vmware	Vsphere	-	All	All	All

References

Reference	Source	Link	Tags
Security Bulletin: NVIDIA GPU Display Driver - March 2023 NVIDIA	MISC	nvidia.custhelp.com	
NVIDIA Drivers: Multiple Vulnerabilities (GLSA 202310-02) — Gentoo security	MISC	security.gentoo.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[184315](#) Debian Security Update for nvidia-graphics-driversnvidia-open-gpu-kernel-modulesnvidia-graphics-drivers-tesla (CVE-2023-0183)

[296105](#) Oracle Solaris 11.4 Support Repository Update (SRU) 63.157.1 Missing (CPUOCT2023)

[710762](#) Gentoo Linux NVIDIA Drivers Multiple Vulnerabilities (GLSA 202310-02)

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