



CVE-2023-31022

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Summary

CVE	CVE-2023-31022
State	PUBLIC
Assigner	psirt@nvidia.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-11-02 19:15:00 UTC
Updated	2023-11-13 19:19:00 UTC
Description	NVIDIA GPU Display Driver for Windows and Linux contains a vulnerability in the kernel mode layer, where a NULL-pointer

Risk And Classification

Problem Types: CWE-476

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Canonical	Ubuntu Linux	-	All	All	All
Operating System	Citrix	Hypervisor	-	All	All	All
Operating System	Linux	Linux Kernel	-	All	All	All
Operating System	Linux-kvm	Kernel Virtual Machine	-	All	All	All
Application	Microsoft	Azure Stack Hci	-	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
Application	Nvidia	Virtual Gpu	All	All	All	All
Operating System	Redhat	Enterprise Linux	-	All	All	All
Operating System	Vmware	Vsphere	-	All	All	All

References

Reference	Source	Link	Tags
Security Bulletin: NVIDIA GPU Display Driver - October 2023 NVIDIA	MISC	nvidia.custhelp.com	
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

[6140306](#) AWS Bottlerocket Security Update for kmod-nvidia (GHSA-rhwr-7vhh-4www)

[755252](#) SUSE Enterprise Linux Security Update for kernel-firmware-nvidia-gspix-G06, nvidia-open-driver-G06-signed (SUSE-SU-2023:4427-1)

[755259](#) SUSE Enterprise Linux Security Update for kernel-firmware-nvidia-gspix-G06, nvidia-open-driver-G06-signed (SUSE-SU-2023:4429-1)

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