



CVE-2022-34684

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Summary

CVE	CVE-2022-34684
State	PUBLIC
Assigner	psirt@nvidia.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2022-12-30 23:15:00 UTC
Updated	2023-10-19 01:20:00 UTC
Description	NVIDIA GPU Display Driver for Linux contains a vulnerability in the kernel mode layer (nvidia.ko), where an off-by-one error

Risk And Classification

Problem Types: CWE-193

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	Cloud Gaming	All	All	All	All
Application	Nvidia	Geforce	-	All	All	All
Application	Nvidia	Gpu Display Driver	All	All	All	All
Application	Nvidia	Nvs	-	All	All	All
Application	Nvidia	Quadro	-	All	All	All
Application	Nvidia	Rtx	-	All	All	All
Application	Nvidia	Tesla	-	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
NVIDIA Drivers: Multiple Vulnerabilities (GLSA 202310-02) — Gentoo security	GENTOO	security.gentoo.org	
Security Bulletin: NVIDIA GPU Display Driver - November 2022 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

[182843](#) Debian Security Update for nvidia-graphics-driversnvidia-graphics-drivers-tesla-470nvidia-open-gpu-kernel-modulesnvidia-graphics-drivers-tesla (CVE-2022-34684)

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

[6140219](#) AWS Bottlerocket Security Update for kmod-nvidia (GHSA-9hvp-7ggf-2w9f)

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

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