



CVE-2022-34681

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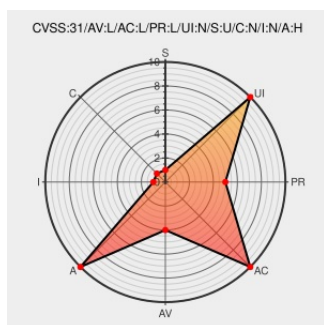
CVE-2022-34681

Source: Mitre

Source: NIST

CVE.ORG

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Certain versions of [Windows](#) from [Microsoft](#) contain the following vulnerability:

NVIDIA GPU Display Driver for Windows contains a vulnerability in the kernel mode layer (nvlddmkm.sys) handler, where improper input validation of a display-related data structure may lead to denial of service.

CVE-2022-34681 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **NVIDIA - vGPU software (guest driver) - Windows, NVIDIA Cloud Gaming (guest driver)** version **All versions prior to and including 14.2, 13.4, and 11.9, and all versions prior to the November 2022 release**

CVSS3 Score: **5.5 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	NONE	HIGH

CVE References

Description	Tags	Link
Security Bulletin: NVIDIA GPU Display Driver - November 2022 NVIDIA	nvidia.custhelp.com text/html	MISC nvidia.custhelp.com/app/answers/detail/a_id/5415

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There are currently no QIDs associated with this CVE

NVIDIA GPU Display Driver for Windows contains a vulnerability in the kernel mode layer (nvlddmkm.sys) handler, where...

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows	-	All	All	All
Application	Nvidia	Cloud Gaming	All	All	All	All
Application	Nvidia	Virtual Gpu	All	All	All	All
cpe:2.3:o:microsoft:windows:-:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:nvidia:cloud_gaming:~::~~::~~::~~::~~::~~::~~:::						
cpe:2.3:a:nvidia:virtual_gpu:~::~~::~~::~~::~~::~~::~~:::						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2022-34681 : NVIDIA GPU Display Driver for #Windows contains a vulnerability in the #kernel mode layer nvlddmk... twitter.com/i/web/status/1...	2022-12-30 23:10:11
 /r/netcve	CVE-2022-34681	2022-12-30 23:39:04

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