

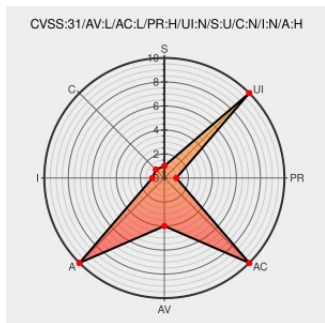


CVE-2020-5982

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CVE-2020-5982

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

Certain versions of [Virtual Gpu Manager](#) from [Nvidia](#) contain the following vulnerability:

NVIDIA Windows GPU Display Driver, all versions, contains a vulnerability in the kernel mode layer (nvlddmkm.sys) scheduler, in which the software does not properly limit the number or frequency of interactions that it has with an actor, such as the number of incoming requests, which may lead to denial of service.

CVE-2020-5982 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **NVIDIA - NVIDIA GPU Display Driver** version **All**

CVSS3 Score: **4.4 - MEDIUM**

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

CVSS2 Score: **2.1 - LOW**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
NONE	NONE	PARTIAL

CVE References

Description	Tags	Link
Security Bulletin: NVIDIA GPU Display Driver - September	Vendor Advisory	CONFIRM

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Related QID Numbers

[375756](#) [Lenovo NVIDIA GPU Display Driver Multiple Vulnerabilities \(LEN-47663\)](#)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Nvidia	Virtual Gpu Manager	All	All	All	All
Application	Nvidia	Virtual Gpu Manager	All	All	All	All
cpe:2.3:a:nvidia:virtual_gpu_manager:*****:.*:						
cpe:2.3:a:nvidia:virtual_gpu_manager:*****:.*:						

No vendor comments have been submitted for this CVE

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