



CVE-2019-5696

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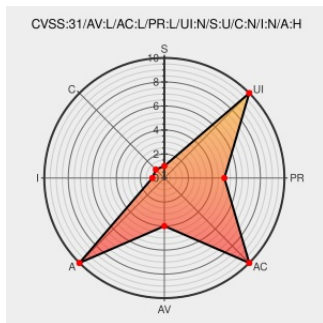
CVE-2019-5696

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



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

NVIDIA Virtual GPU Manager, all versions, contains a vulnerability in which the provision of an incorrectly sized buffer by a guest VM leads to GPU out-of-bound access, which may lead to a denial of service.

CVE-2019-5696 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **MEDIUM** severity.

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

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

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 - November 2019 NVIDIA	Patch Vendor Advisory nvidia.custhelp.com	CONFIRM nvidia.custhelp.com/app/answers/detail/a_id/4907

comment@cve.report.

There are currently no QIDs associated with this CVE

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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