

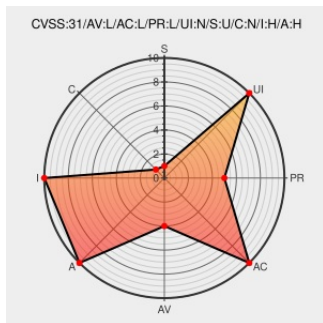


CVE-2020-5970

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CVE-2020-5970

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

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

NVIDIA Virtual GPU Manager contains a vulnerability in the vGPU plugin, in which an input data size is not validated, which may lead to tampering or denial of service. This affects vGPU version 8.x (prior to 8.4), version 9.x (prior to 9.4) and version 10.x (prior to 10.3).

CVE-2020-5970 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **NVIDIA - NVIDIA vGPU Software** version **All**

CVSS3 Score: **7.1 - HIGH**

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

CVSS2 Score: **3.6 - LOW**

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

CVE References

Description	Tags	Link
Security Bulletin: NVIDIA GPU Display Driver - June 2020 NVIDIA	Vendor Advisory nvidia.custhelp.com text/html	CONFIRM nvidia.custhelp.com/app/answers/detail/a_id/5031

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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
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:*****:.*:						
cpe:2.3:a:nvidia:virtual_gpu_manager:*****:.*:						

No vendor comments have been submitted for this CVE

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