



CVE-2020-5979

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[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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

NVIDIA Windows GPU Display Driver, all versions, contains a vulnerability in the NVIDIA Control Panel component in which a user is presented with a dialog box for input by a high-privilege process, which may lead to escalation of privileges.

CVE-2020-5979 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **HIGH** severity.

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

CVSS3 Score: **7.8 - HIGH**

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

CVSS2 Score: **4.6 - MEDIUM**

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

CVE References

Description	Tags	Link
Security Bulletin: NVIDIA GPU Display Driver - September 2020 NVIDIA	Vendor Advisory nvidia.custhelp.com text/html	CONFIRM nvidia.custhelp.com/app/answers/detail/a_id/5075

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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

← Previous ID

Next ID→