

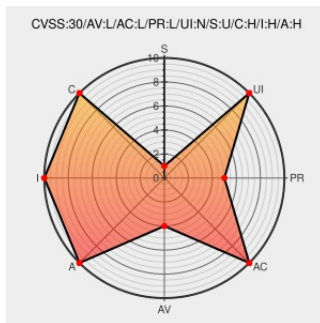


CVE-2019-5666

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CVE-2019-5666

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

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

NVIDIA Windows GPU Display Driver contains a vulnerability in the kernel mode layer (nvlddmkm.sys) create context command DDI DxgkDdiCreateContext in which the product uses untrusted input when calculating or using an array index, but the product does not validate or incorrectly validates the index to ensure the index references a valid position within the array, which may lead to denial of service or escalation of privileges.

CVE-2019-5666 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Nvidia Corporation - NVIDIA GPU Graphics 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: **7.2 - HIGH**

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

CVE References

Description	Tags	Link
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 CONFIRM
nvidia.custhelp.com/app/answers/detail/a_id/4772

 CONFIRM
nvidia.custhelp.com/app/answers/detail/a_id/4797

L CONFIRM
support.lenovo.com/us/en/solutions/LEN-26250

Related QID Numbers

376247 NVIDIA GPU Display Driver Multiple Vulnerabilities (May 2019)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Microsoft	Windows	-	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
Application	Nvidia	Gpu Driver	-	All	All	All
Application	Nvidia	Gpu Driver	-	All	All	All
cpe:2.3:o:microsoft:windows:-:*:*:*:*:*.*						
cpe:2.3:o:microsoft:windows:-:*:*:*:*:*.*						
cpe:2.3:a:nvidia:gpu_driver:-:*:*:*:*:*.*						
cpe:2.3:a:nvidia:gpu_driver:-:*:*:*:*:*.*						

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