

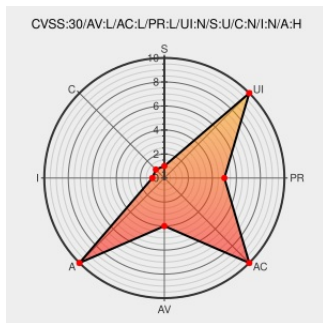


CVE-2019-5686

Published on: 08/06/2019 12:00:00 AM UTC

Last Modified on: 07/21/2021 11:39:00 AM UTC

CVE-2019-5686

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

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

NVIDIA Windows GPU Display Driver (all versions) contains a vulnerability in the kernel mode layer (nvlddmkm.sys) handler for DxgkDdiEscape in which the software uses an API function or data structure in a way that relies on properties that are not always guaranteed to be valid, which may lead to denial of service.

CVE-2019-5686 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **MEDIUM** severity.

Affected Vendor/Software: **NVIDIA - GPU 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: **4.9 - MEDIUM**

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

CVE References

Description	Tags	Link
NVIDIA Windows GPU Display Driver Vulnerabilities - US	Third Party Advisory	CONFIRM

Security Bulletin: NVIDIA GPU Display Driver - August 2019 | NVIDIA

[Vendor Advisory](#)
[nvidia.custhelp.com
text/html](https://nvidia.custhelp.com/text/html)

 **CONFIRM**
nvidia.custhelp.com/app/answers/detail/a_id/4841

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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
Operating System	Microsoft	Windows	-	All	All	All
Operating System	Microsoft	Windows	-	All	All	All
Application	Nvidia	Gpu Driver	All	All	All	All
Application	Nvidia	Gpu Driver	All	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:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

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