

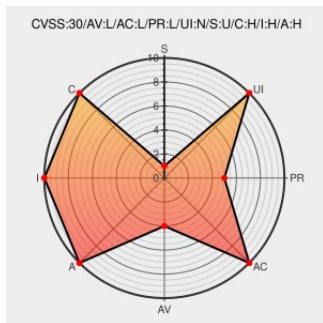


CVE-2019-5683

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CVE-2019-5683

[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 user mode video driver trace logger component. When an attacker has access to the system and creates a hard link, the software does not check for hard link attacks. This behavior may lead to code execution, denial of service, or escalation of privileges.

CVE-2019-5683 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **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: **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
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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