



CVE-2019-5685

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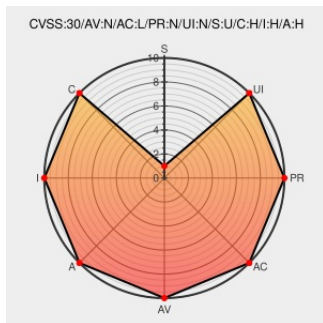
CVE-2019-5685

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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

NVIDIA Windows GPU Display Driver (all versions) contains a vulnerability in DirectX drivers, in which a specially crafted shader can cause an out of bounds access to a shader local temporary array, which may lead to denial of service or code execution.

CVE-2019-5685 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **CRITICAL** severity.

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

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **10 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	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 support.lenovo.com text/html	CONFIRM support.lenovo.com/us/en/product_security/Len-28096

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

Vendor Advisory

nvidia.custhelp.com

text/html

CONFIRM

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

TALOS-2019-0812 || Cisco Talos Intelligence Group - Comprehensive Threat Intelligence

Exploit

Third Party Advisory

www.talosintelligence.com

text/html

MISC

www.talosintelligence.com/vulnerability_reports/TALOS-2019-0812

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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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