

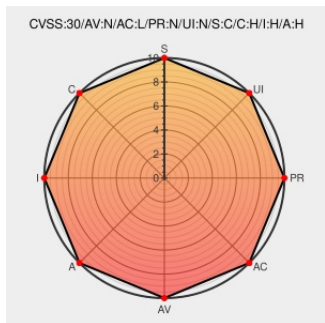


CVE-2019-5684

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CVE-2019-5684

[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 DirectX drivers, in which a specially crafted shader can cause an out of bounds access of an input texture array, which may lead to denial of service or code execution.

CVE-2019-5684 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: **10 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
CHANGED	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
TALOS-2019-0779 Cisco Talos Intelligence Group - Comprehensive Threat Intelligence	Exploit Third Party Advisory www.talosintelligence.com	MISC www.talosintelligence.com/vulnerability_reports/TALOS-2019-0779

	www.malwaremagazine.com text/html	CVE-2019-0012
VMSA-2019-0012	Patch Third Party Advisory www.vmware.com text/html	 CONFIRM www.vmware.com/security/advisories/VMSA-2019-0012.html
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

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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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