



CVE-2019-5675

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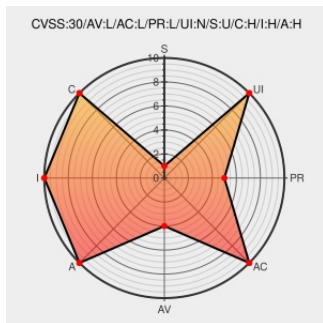
CVE-2019-5675

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

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Certain versions of [Gpu Driver](#) from [Nvidia](#) contain the following vulnerability:

NVIDIA Windows GPU Display driver software for Windows (all versions) contains a vulnerability in the kernel mode layer (nvlddmkm.sys) handler for DxgkDdiEscape where the product does not properly synchronize shared data, such as static variables across threads, which can lead to undefined behavior and unpredictable data changes, which may lead to denial of service, escalation of privileges, or information disclosure.

CVE-2019-5675 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **NVIDIA - 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																					
Security Bulletin: NVIDIA GPU Display Driver - May 2019 NVIDIA	Vendor Advisory nvidia.custhelp.com text/html	 CONFIRM nvidia.custhelp.com/app/answers/detail/a_id/4797																					
By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.																							
Related QID Numbers 376247 NVIDIA GPU Display Driver Multiple Vulnerabilities (May 2019)																							
Known Affected Configurations (CPE V2.3) <table border="1"> <thead> <tr> <th>Type</th> <th>Vendor</th> <th>Product</th> <th>Version</th> <th>Update</th> <th>Edition</th> <th>Language</th> </tr> </thead> <tbody> <tr> <td>Application</td> <td>Nvidia</td> <td>Gpu Driver</td> <td>All</td> <td>All</td> <td>All</td> <td>All</td> </tr> <tr> <td>Application</td> <td>Nvidia</td> <td>Gpu Driver</td> <td>All</td> <td>All</td> <td>All</td> <td>All</td> </tr> </tbody> </table> cpe:2.3:a:nvidia:gpu_driver:*:*:*:*:windows:*:*: cpe:2.3:a:nvidia:gpu_driver:*:*:*:*:windows:*:*:			Type	Vendor	Product	Version	Update	Edition	Language	Application	Nvidia	Gpu Driver	All	All	All	All	Application	Nvidia	Gpu Driver	All	All	All	All
Type	Vendor	Product	Version	Update	Edition	Language																	
Application	Nvidia	Gpu Driver	All	All	All	All																	
Application	Nvidia	Gpu Driver	All	All	All	All																	
No vendor comments have been submitted for this CVE																							
← Previous ID		Next ID →																					