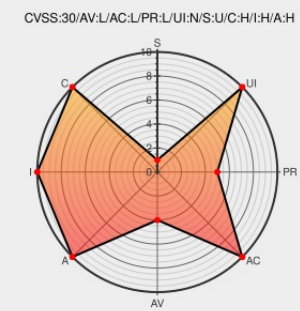
CVE-2016-8813

Published on: 12/16/2016 12:00:00 AM UTC

Last Modified on: 03/23/2021 11:27:08 PM UTC

CVE-2016-8813

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Windows from Microsoft contain the following vulnerability:

All versions of NVIDIA Windows GPU Display Driver contain a vulnerability in the kernel mode layer (nvlddmkm.sys) handler for DxgDdiEscape where multiple pointers are used without checking for NULL, leading to denial of service or potential escalation of privileges.

CVE-2016-8813 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as HIGH severity.

Affected Vendor/Software: **Nvidia Corporation** - **Quadro, NVS, GeForce, GRID and Tesla** 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 Windows GPU Display Driver contains multiple vulnerabilities in the kernel mode layer (nvlddmkm.sys) handler for DxgkDdiEscape | NVIDIA	Patch, Vendor Advisory, nvidia.custhelp.com	CONFIRM nvidia.custhelp.com/app/answers/detail/a_id/4257

		text/html
NVIDIA GPU Driver CVE-2016-8813 Local Privilege Escalation Vulnerability	cve.report (archive) text/html	BID 95057

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.

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
Application	Nvidia	Gpu Driver	-	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

← Previous ID

Next ID→