



CVE-2016-7384

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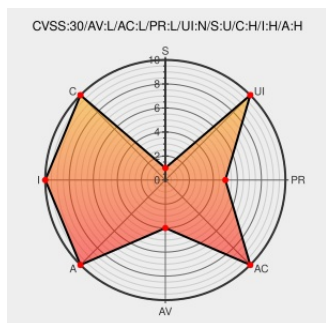
CVE-2016-7384

[Source: Mitre](#)

[Source: NIST](#)

[CVE.ORG](#)

[Print: PDF](#)



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

For the NVIDIA Quadro, NVS, and GeForce products, NVIDIA Windows GPU Display Driver R340 before 342.00 and R375 before 375.63 contains a vulnerability in the kernel mode layer (nvlddmkm.sys) where unchecked input/output lengths in UVMLiteController Device IO Control handling may lead to denial of service or potential escalation of privileges.

CVE-2016-7384 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **HIGH** severity.

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 Driver - UVMLiteController ioctl Handling Unchecked Input/Output Lengths Privilege Escalation - Windows local Exploit	Exploit Third Party Advisory	EXPLOIT-DB 40655

VDB Entry
www.exploit-db.com
Proof of Concept
text/html

Security Bulletin: Vulnerabilities in NVIDIA Windows GPU Display Driver and NVIDIA GeForce Experience | NVIDIA

Patch
Vendor Advisory
nvidia.custhelp.com
text/html

 CONFIRM
nvidia.custhelp.com/app/answers/detail/a_id/4247

Solutions len 10822

Third Party Advisory
support.lenovo.com
text/html

 CONFIRM
support.lenovo.com/us/en/solutions/Len-10822

NVIDIA GPU Display Driver CVE-2016-7384 Local Privilege Escalation Vulnerability

Third Party Advisory
VDB Entry
cve.report (archive)
text/html

 BID 93983

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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	All
Operating System	Microsoft	Windows	All	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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