



CVE-2017-6251

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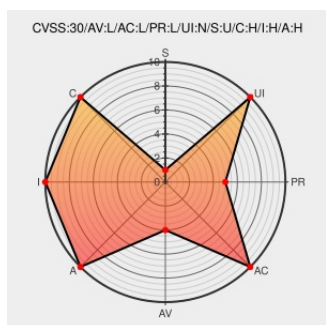
CVE-2017-6251

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 contains a vulnerability in the kernel mode layer handler where a missing permissions check may allow users to gain access to arbitrary physical system memory, which may lead to an escalation of privileges.

CVE-2017-6251 has been assigned by psirt@nvidia.com to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **Nvidia Corporation - NVIDIA Windows 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 contains multiple vulnerabilities in the kernel mode layer handler NVIDIA	Vendor Advisory nvidia.custhelp.com text/html	CONFIRM nvidia.custhelp.com/app/answers/detail/a_id/4525

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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
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

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