



CVE-2016-2556

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CVE-2016-2556

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#) 

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

The Escape interface in the Kernel Mode Driver layer in the NVIDIA GPU graphics driver R340 before 341.95 and R352 before 354.74 on Windows improperly allows access to restricted functionality, which allows local users to gain privileges via unspecified vectors.

CVE-2016-2556 has been assigned by [M](#) [cve@mitre.org](#) 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
CVE-2016-2556: Kernel driver escape can allow access to restricted functionality	Vendor Advisory nvidia.custhelp.com text/html	nvidia CONFIRM nvidia.custhelp.com/app/answers/detail/a_id/4059
NVIDIA GPU Kernel Driver Escape - US	support.lenovo.com	L CONFIRM

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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 R340	All	All	All	All
Application	Nvidia	Gpu Driver R352	All	All	All	All
Application	Nvidia	R340	All	All	All	All
Application	Nvidia	R352	All	All	All	All
cpe:2.3:o:microsoft:windows:*****:						
cpe:2.3:o:microsoft:windows:*****:						
cpe:2.3:a:nvidia:gpu_driver_r340:*****:						
cpe:2.3:a:nvidia:gpu_driver_r352:*****:						
cpe:2.3:a:nvidia:r340:*****:						
cpe:2.3:a:nvidia:r352:*****:						

No vendor comments have been submitted for this CVE

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